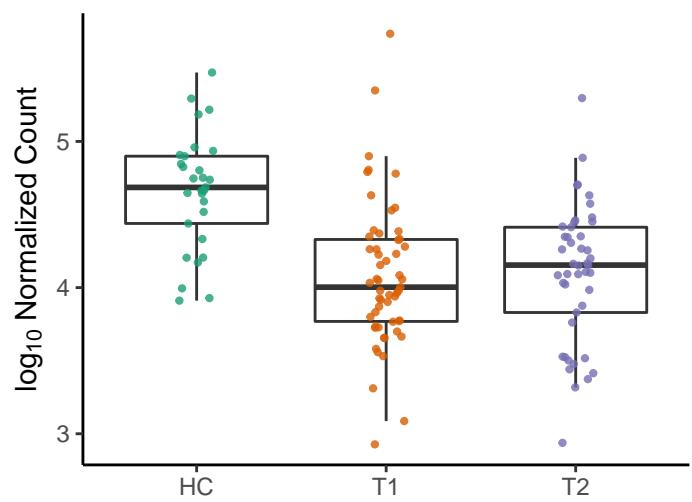


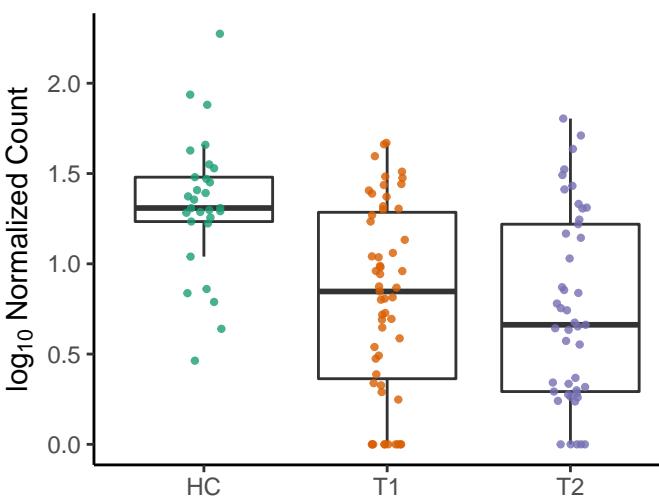
### Longbaculum

non-ED vs. T1 adjusted p = 0.00025  
non-ED vs. T2 adjusted p = 0.00029  
T1 vs. T2 adjusted p = 0.95



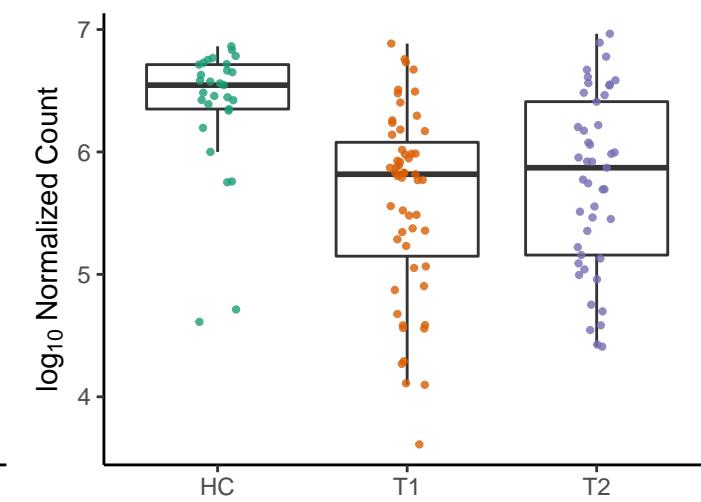
### Candidatus Nesciobacter

non-ED vs. T1 adjusted p = 0.00077  
non-ED vs. T2 adjusted p = 0.00029  
T1 vs. T2 adjusted p = 0.9



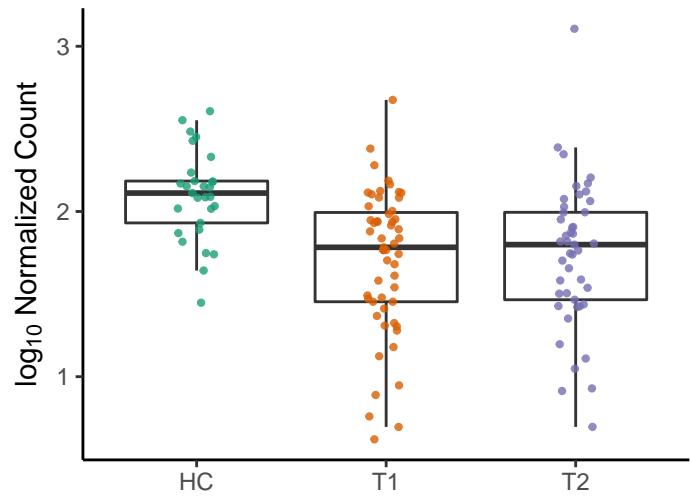
### Faecalibacterium

non-ED vs. T1 adjusted p = 0.00077  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.79



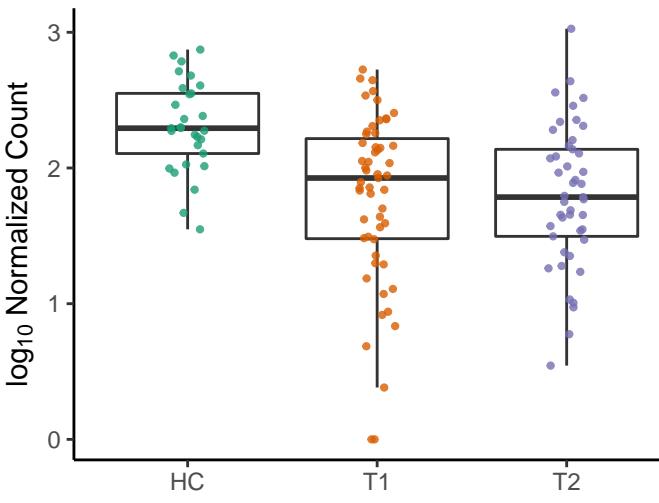
### Methylovorus

non-ED vs. T1 adjusted p = 0.00083  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 0.8



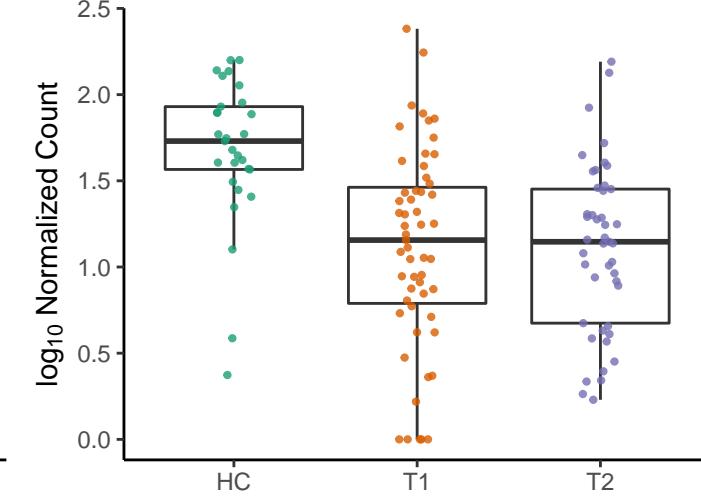
### Pseudorhodoplanes

non-ED vs. T1 adjusted p = 0.00083  
non-ED vs. T2 adjusted p = 0.00052  
T1 vs. T2 adjusted p = 0.79



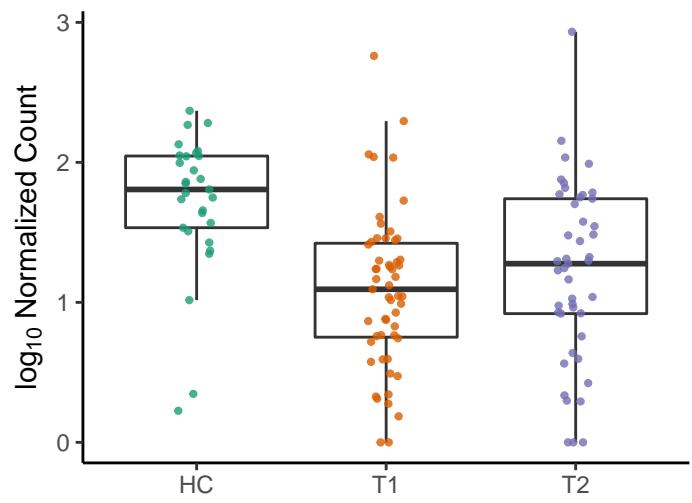
### Rickettsiella

non-ED vs. T1 adjusted p = 0.00083  
non-ED vs. T2 adjusted p = 0.00052  
T1 vs. T2 adjusted p = 0.86



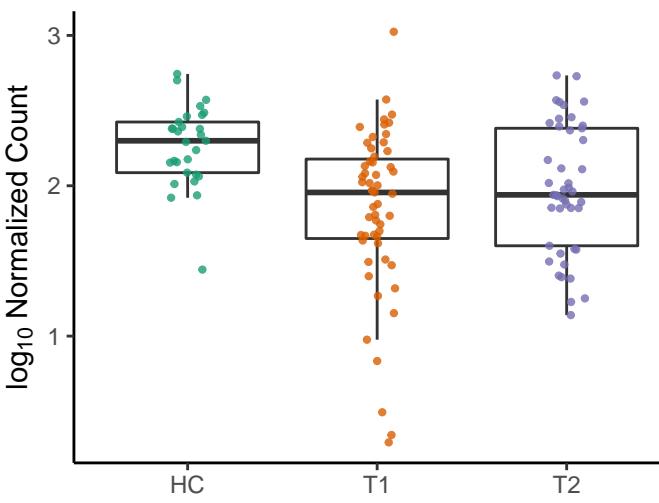
### Unclassified Veillonellaceae Family

non-ED vs. T1 adjusted p = 0.00083  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.79



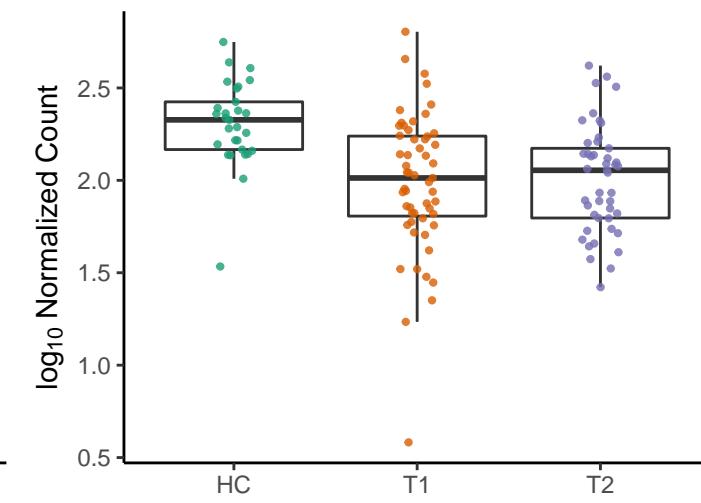
### Marmoricola

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0084  
T1 vs. T2 adjusted p = 0.79



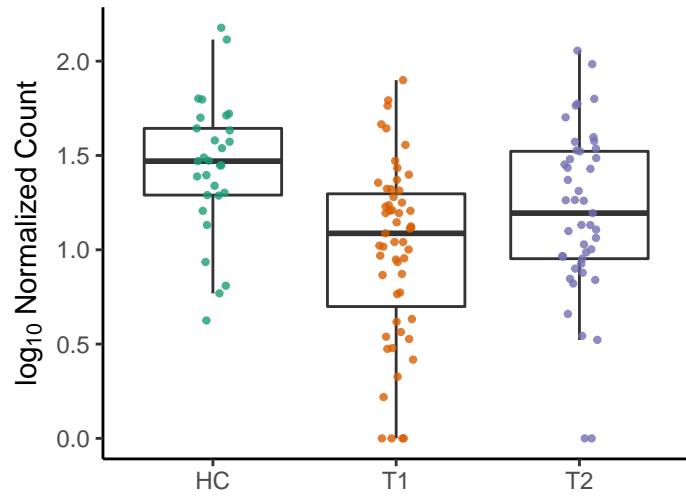
### Thiomicrorhabdus

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0011  
T1 vs. T2 adjusted p = 0.79



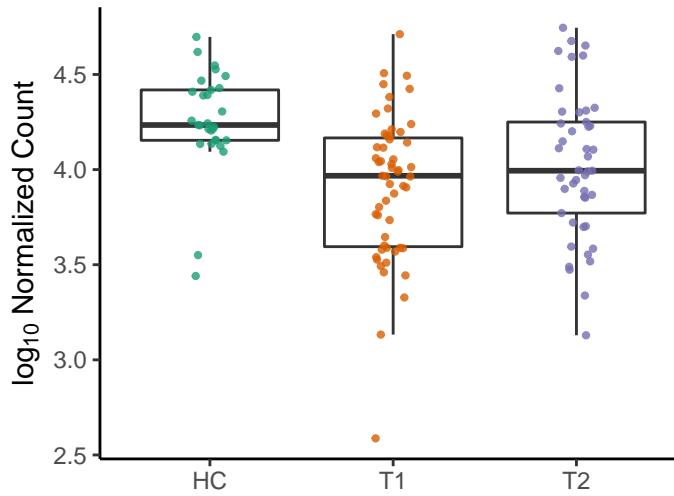
### Unclassified Carnobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.77



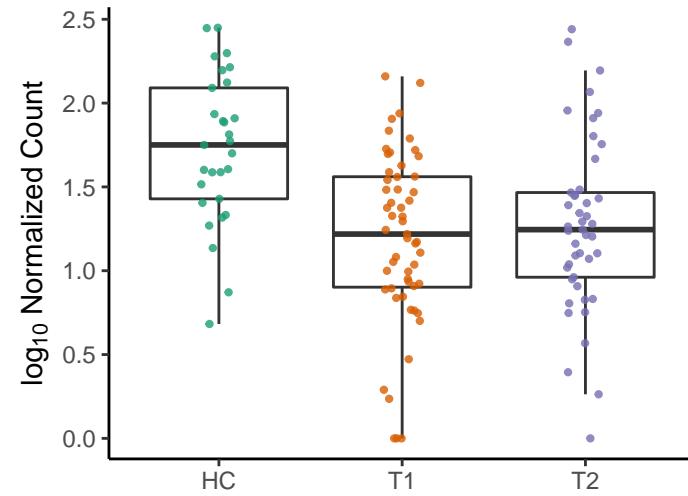
### Unclassified Ruminococcaceae Family

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



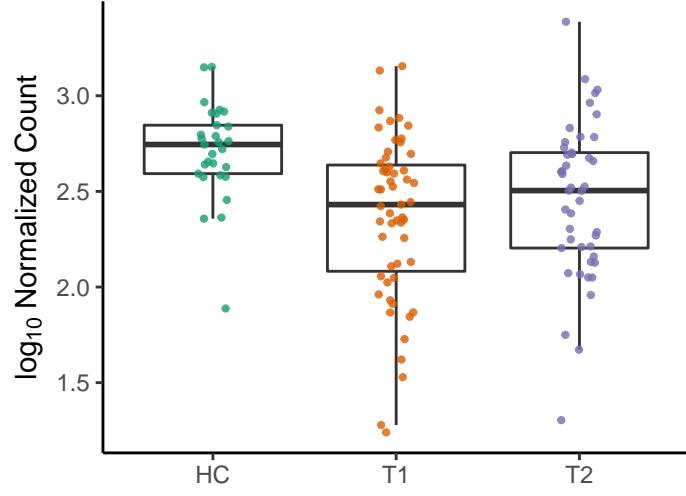
### Unclassified Saccharomycetales Order

non-ED vs. T1 adjusted p = 0.0011  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.79



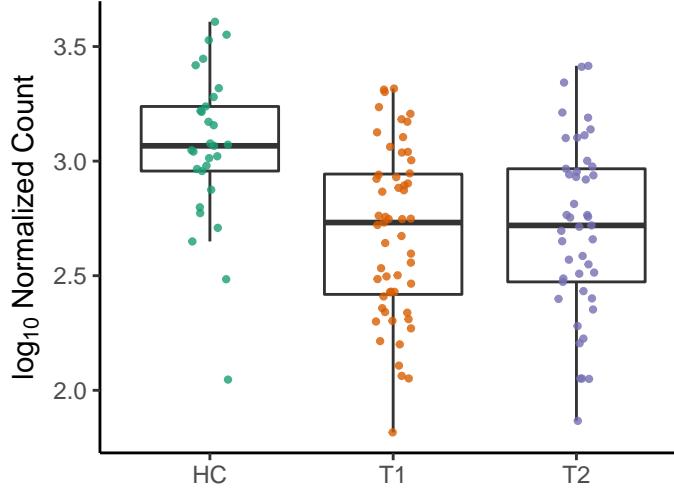
### Leisingera

non-ED vs. T1 adjusted p = 0.0015  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



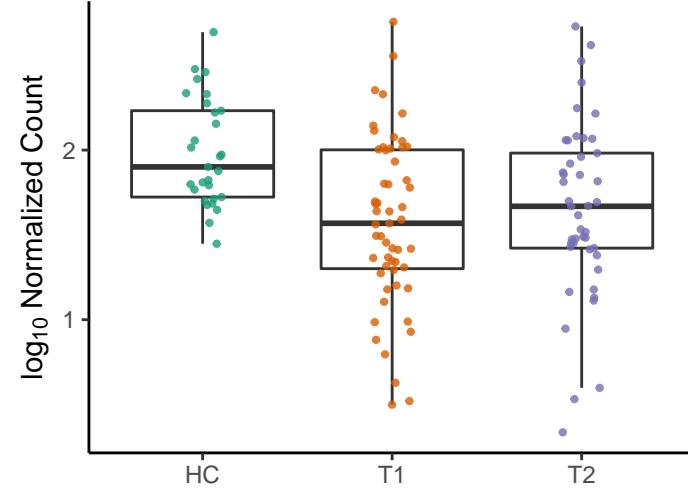
### Mageeibacillus

non-ED vs. T1 adjusted p = 0.0019  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.79



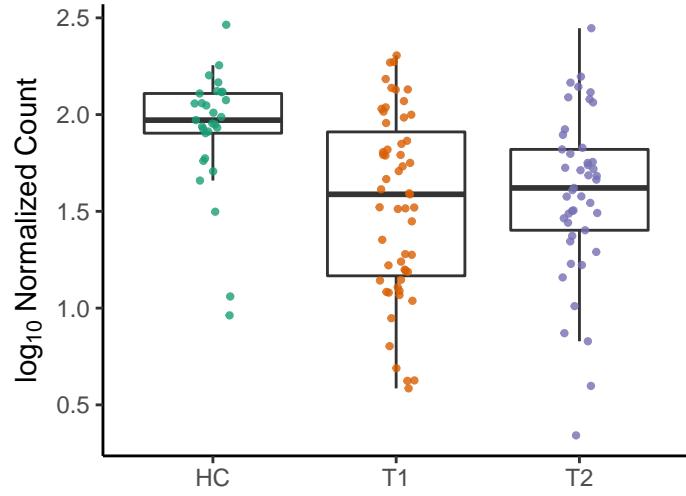
### Lentilitoribacter

non-ED vs. T1 adjusted p = 0.0019  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.8



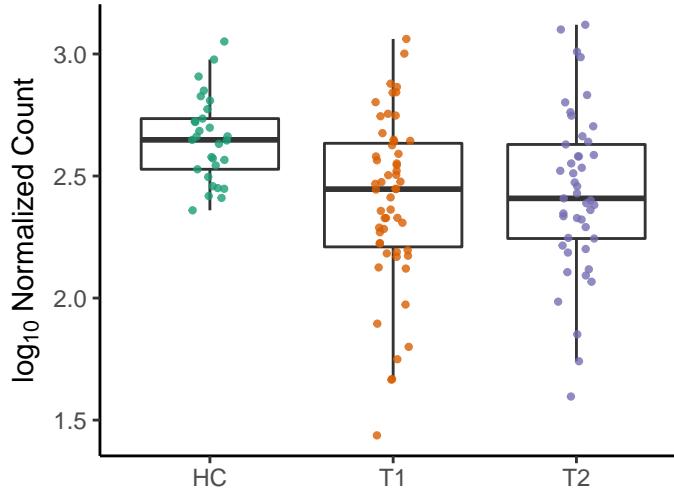
### Coraliomargarita

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0053  
T1 vs. T2 adjusted p = 0.85



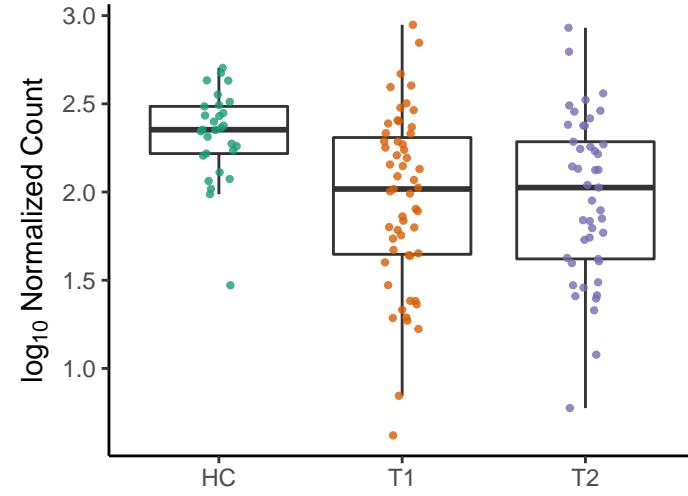
### Desulfallas

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.9



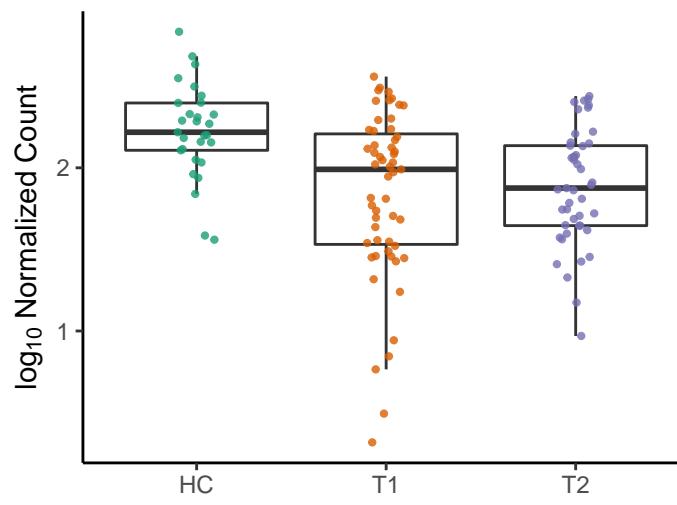
### Marichromatium

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.9



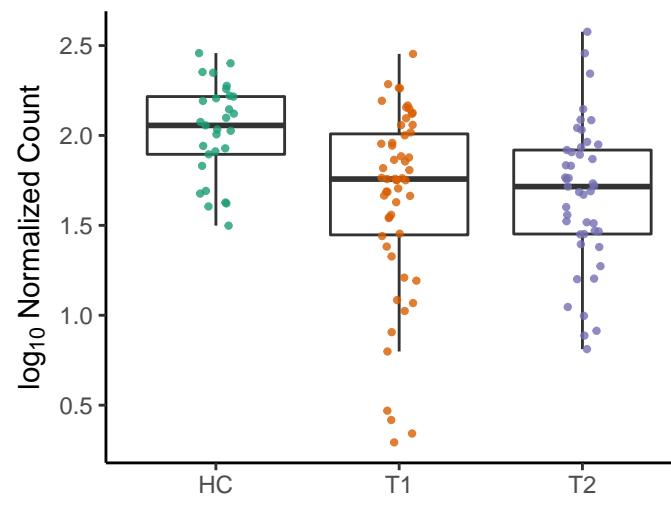
### Methanothrix

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0023  
T1 vs. T2 adjusted p = 0.79



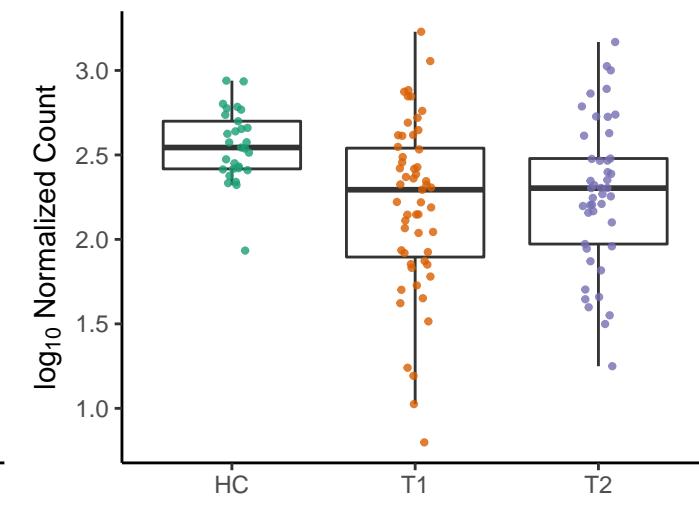
### Methylovulum

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.85



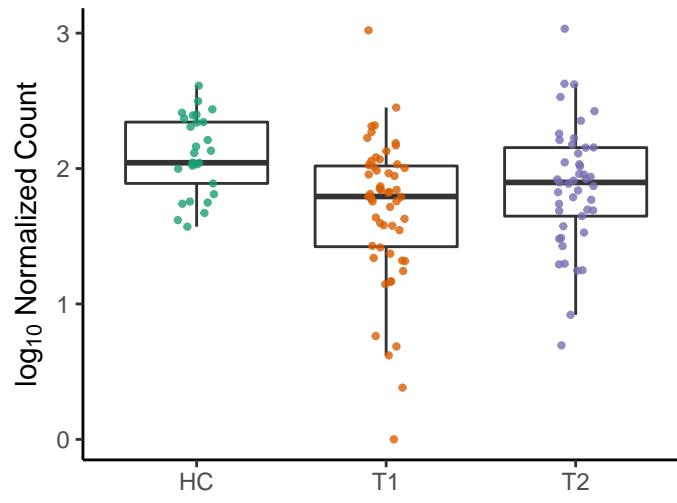
### Pseudoxanthomonas

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.79



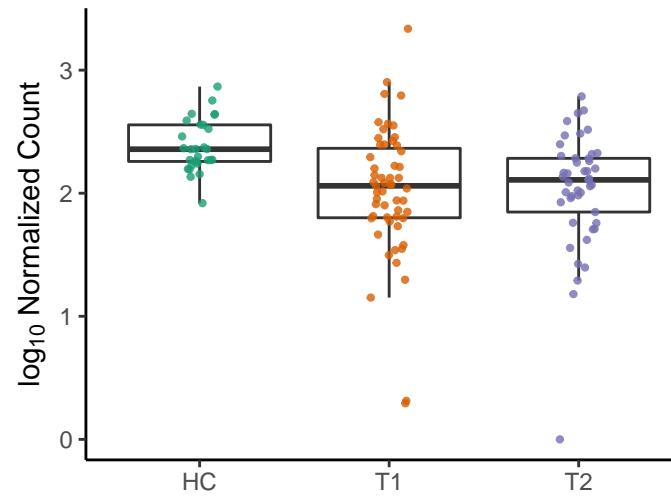
### Rhizorhabdus

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



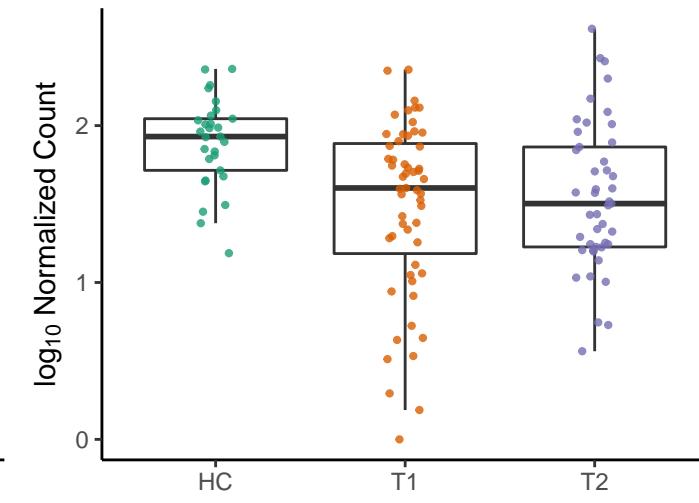
### Thiocystis

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0028  
T1 vs. T2 adjusted p = 0.83



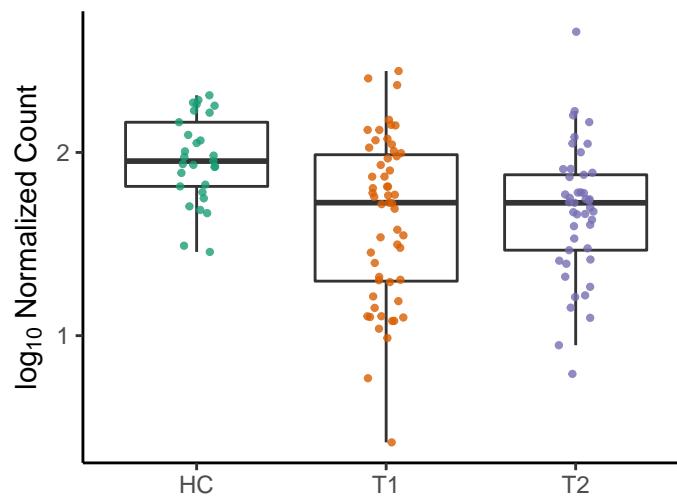
### Unclassified Haloferacales Order

non-ED vs. T1 adjusted p = 0.0021  
non-ED vs. T2 adjusted p = 0.0048  
T1 vs. T2 adjusted p = 0.79



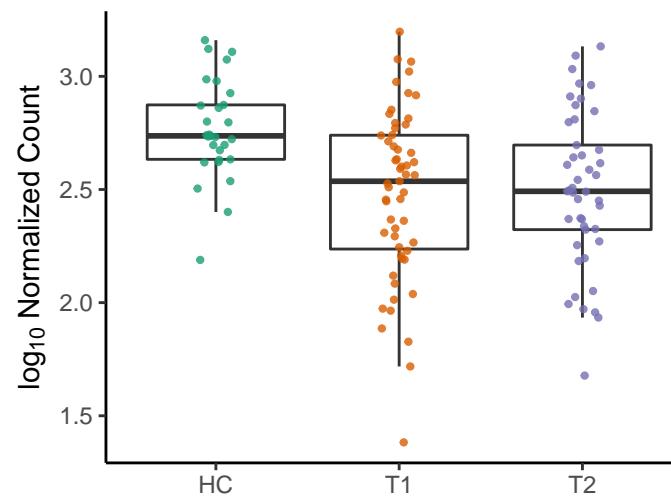
### Iodobacter

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.79



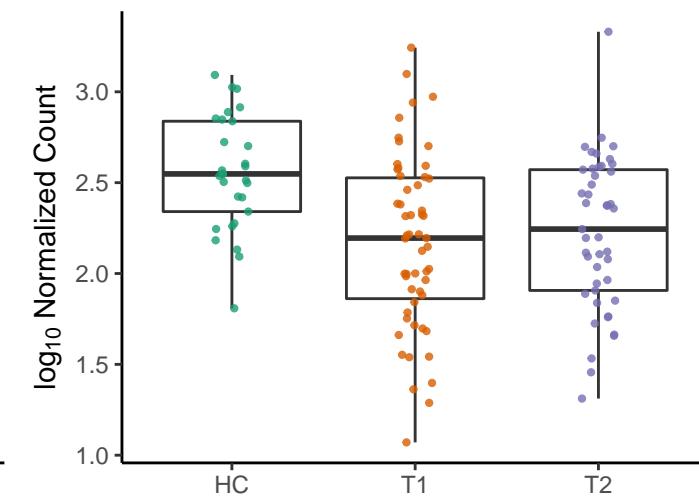
### Terriglobus

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.8



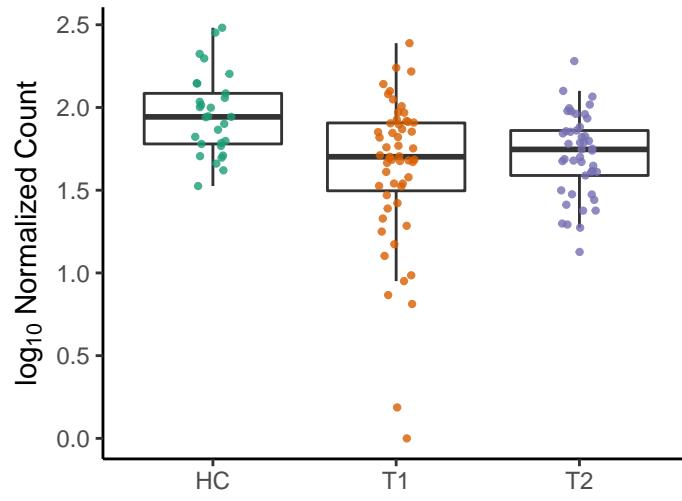
### Unclassified Campylobacteraceae Fam

non-ED vs. T1 adjusted p = 0.0022  
non-ED vs. T2 adjusted p = 0.0053  
T1 vs. T2 adjusted p = 0.81



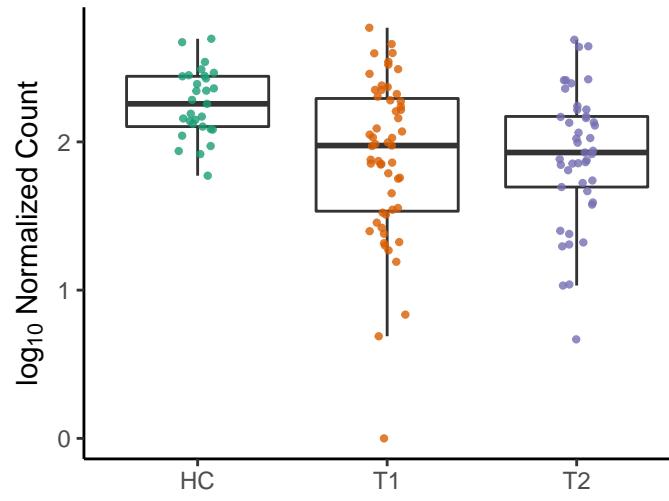
### Grimontia

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.0038  
T1 vs. T2 adjusted p = 0.79



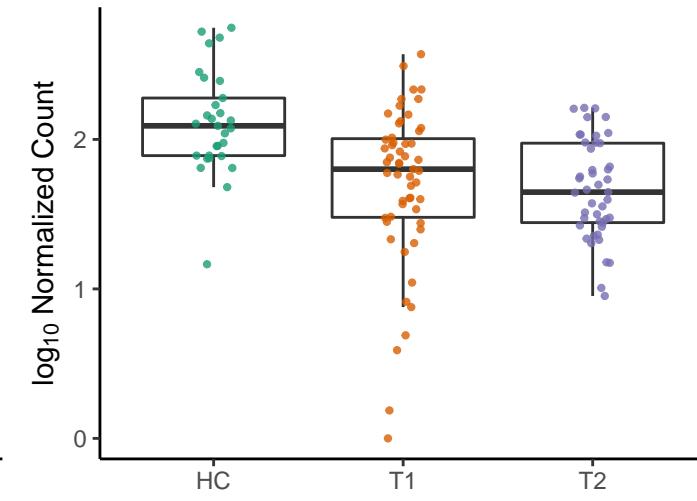
### Humibacter

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.83



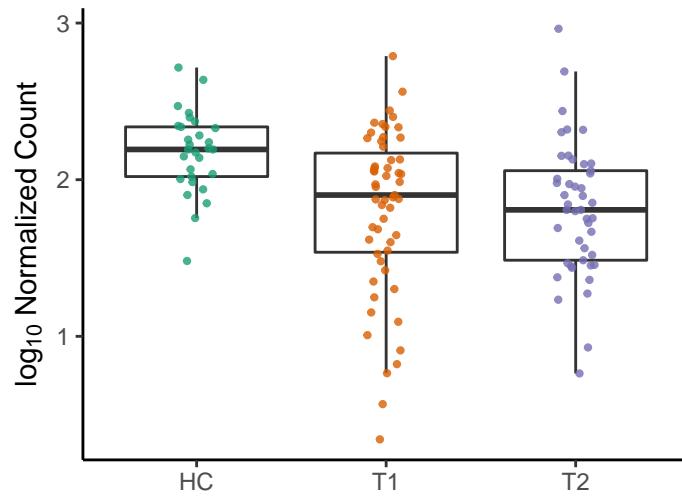
### Tuwongella

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.00029  
T1 vs. T2 adjusted p = 0.98



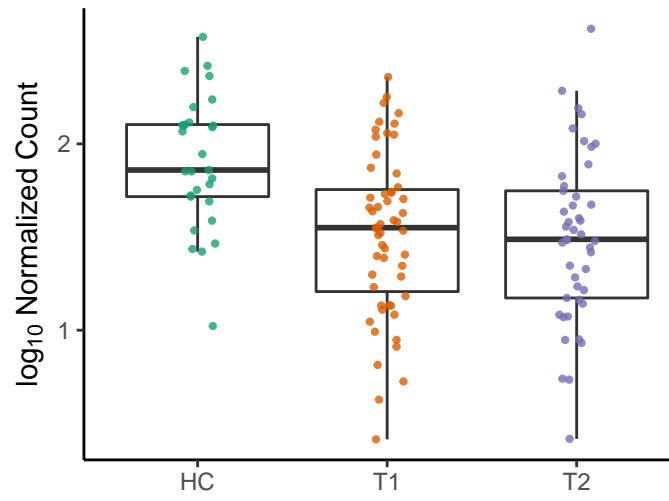
### Unclassified Lacipirellulaceae Family

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 1



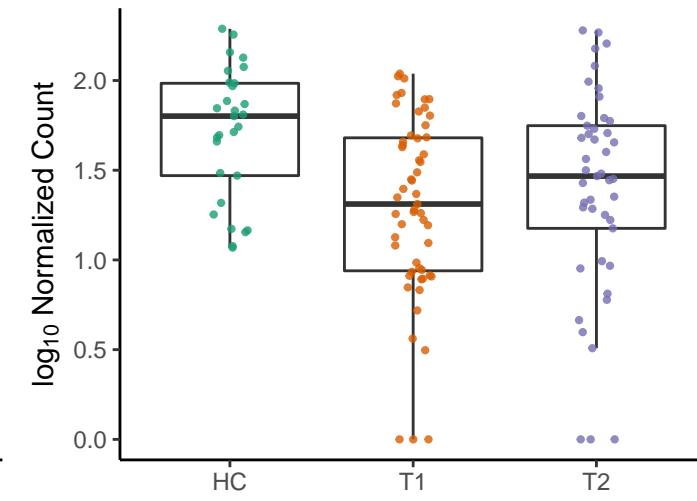
### Unclassified Yersiniaceae Family

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.97



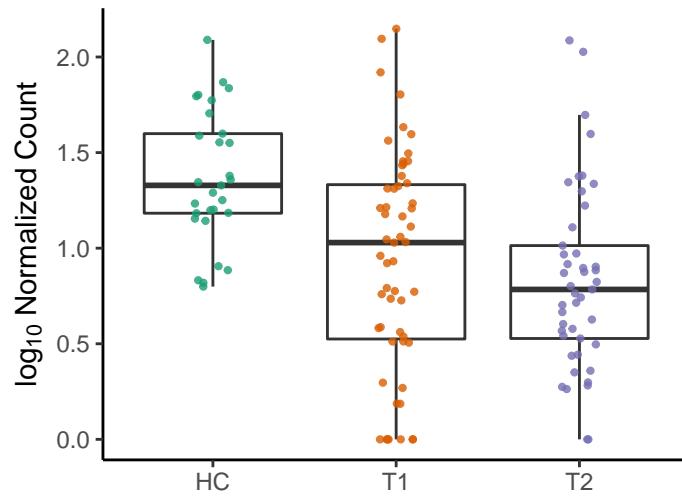
### Tatlockia

non-ED vs. T1 adjusted p = 0.0023  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.8



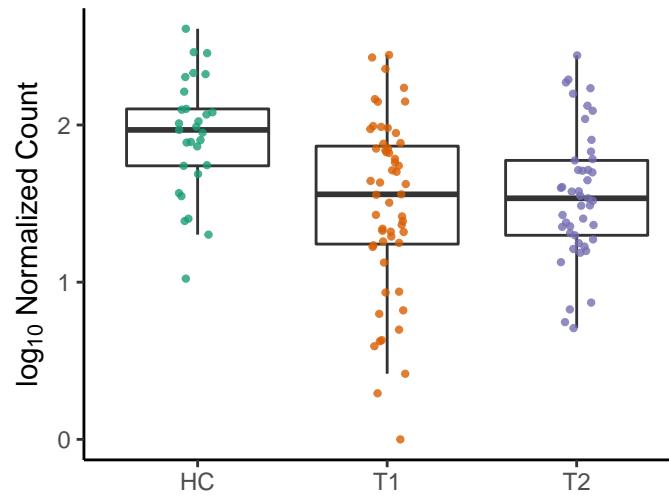
### Natronobacterium

non-ED vs. T1 adjusted p = 0.0024  
non-ED vs. T2 adjusted p = 0.00029  
T1 vs. T2 adjusted p = 0.79



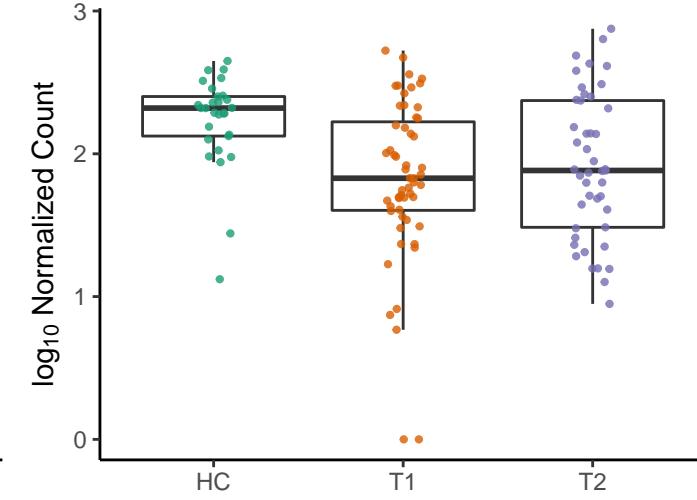
### Thalassococcus

non-ED vs. T1 adjusted p = 0.0025  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.79



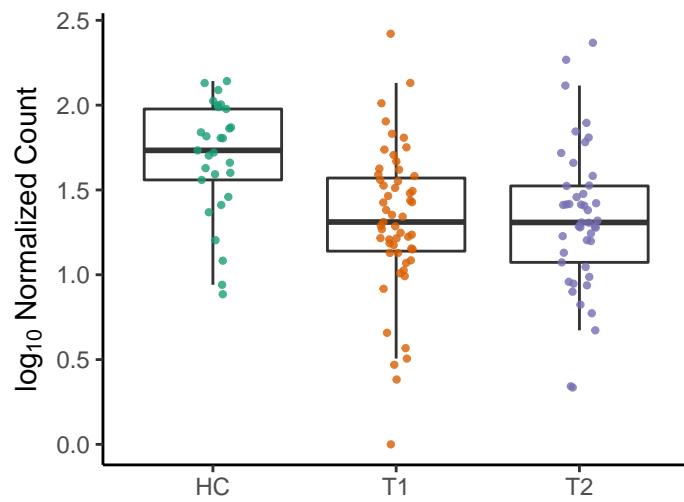
### Ilumatobacter

non-ED vs. T1 adjusted p = 0.0026  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



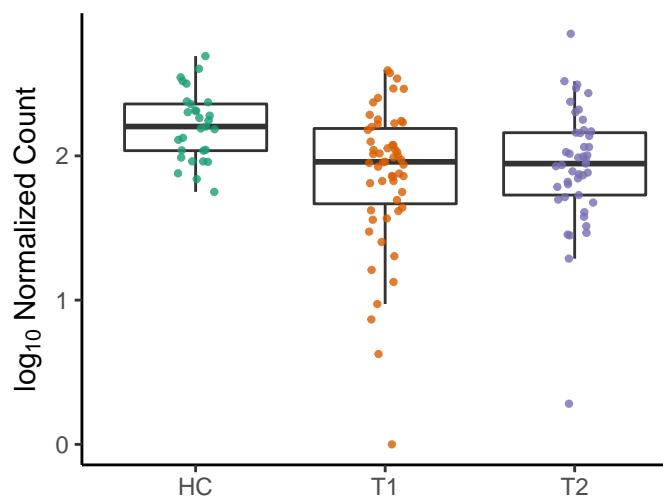
### *Neorickettsia*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0044  
 T1 vs. T2 adjusted p = 0.97



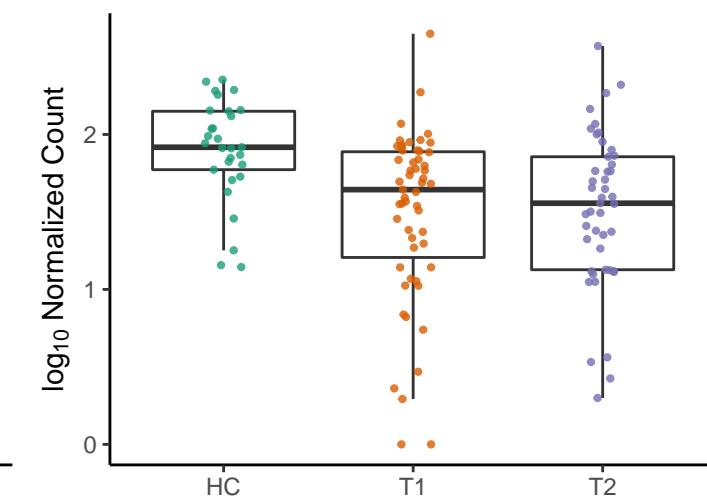
### *Thioflavicoccus*

non-ED vs. T1 adjusted p = 0.0026  
 non-ED vs. T2 adjusted p = 0.0076  
 T1 vs. T2 adjusted p = 0.79



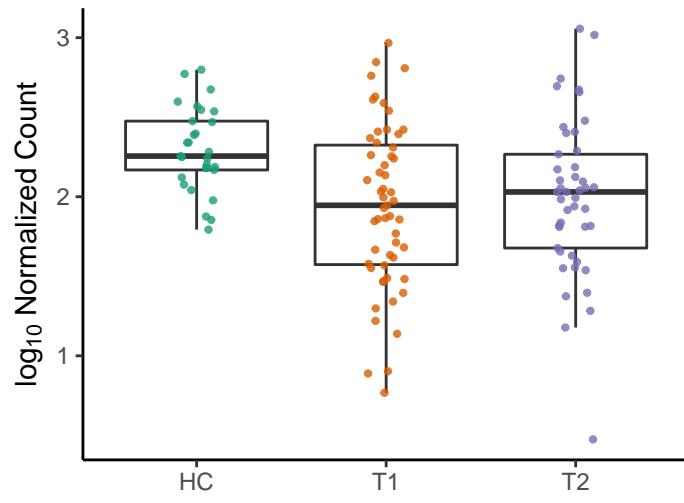
### *Citromicrobium*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 0.79



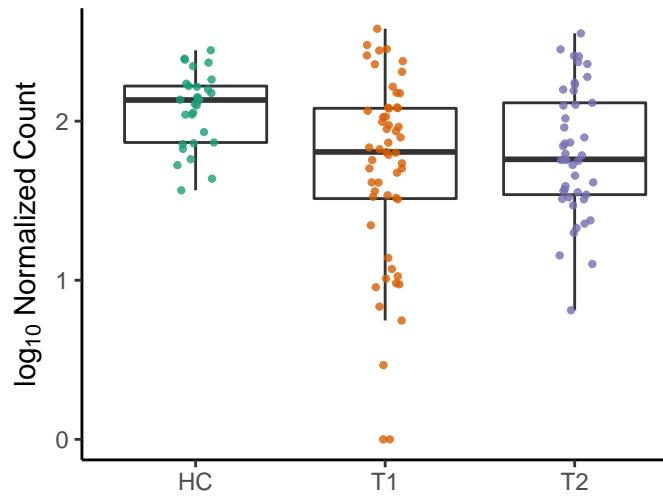
### *Propionicibacteria*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.01  
 T1 vs. T2 adjusted p = 0.8



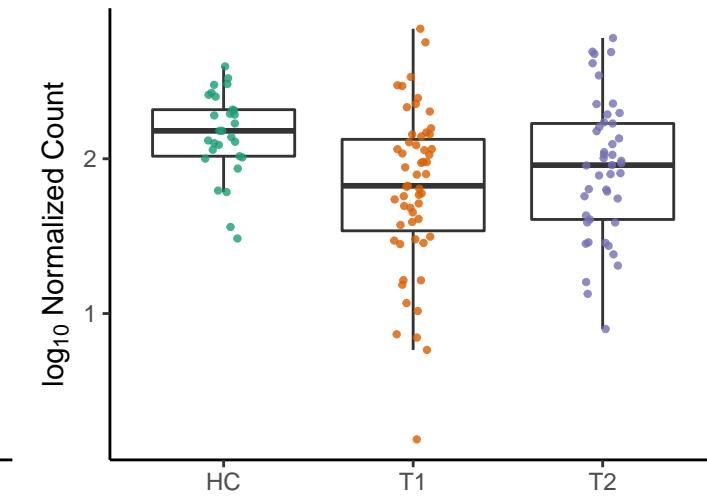
### *Roseimarinitima*

non-ED vs. T1 adjusted p = 0.0027  
 non-ED vs. T2 adjusted p = 0.0071  
 T1 vs. T2 adjusted p = 0.79



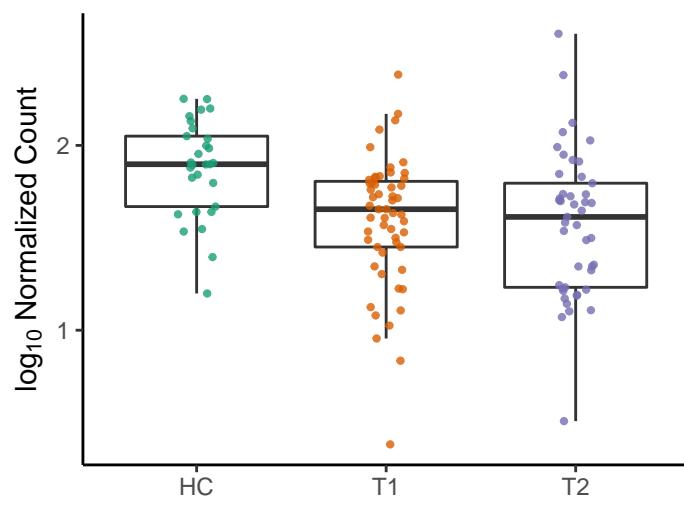
### *Antarctobacter*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.79



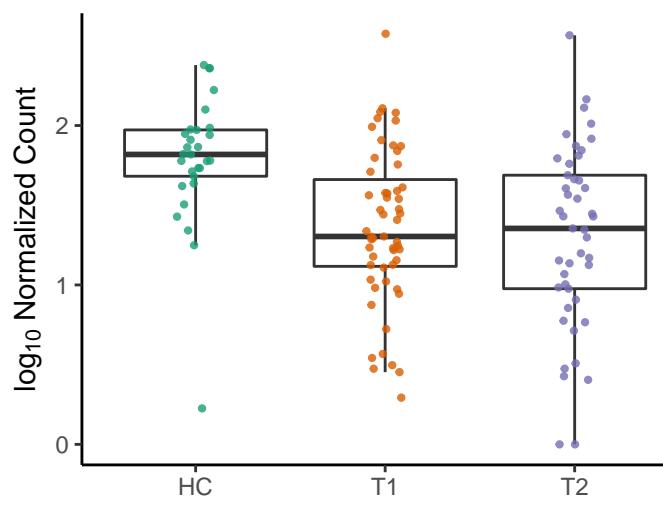
### *Chamaesiphon*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.0042  
 T1 vs. T2 adjusted p = 0.81



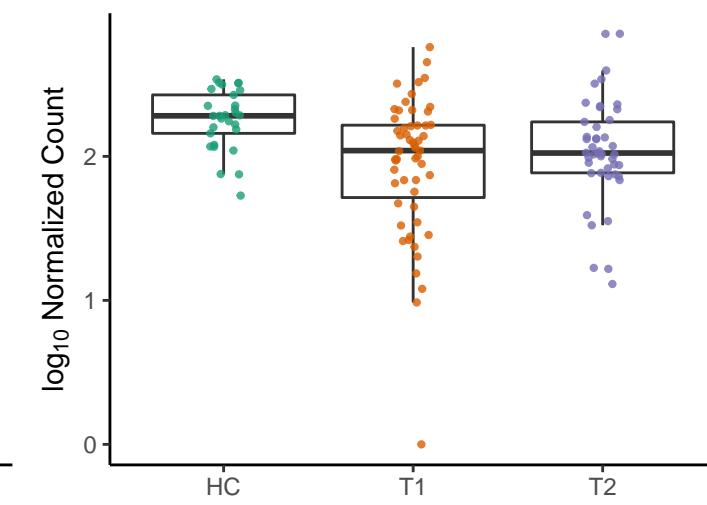
### *Ephemeropteris*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.0031  
 T1 vs. T2 adjusted p = 0.8



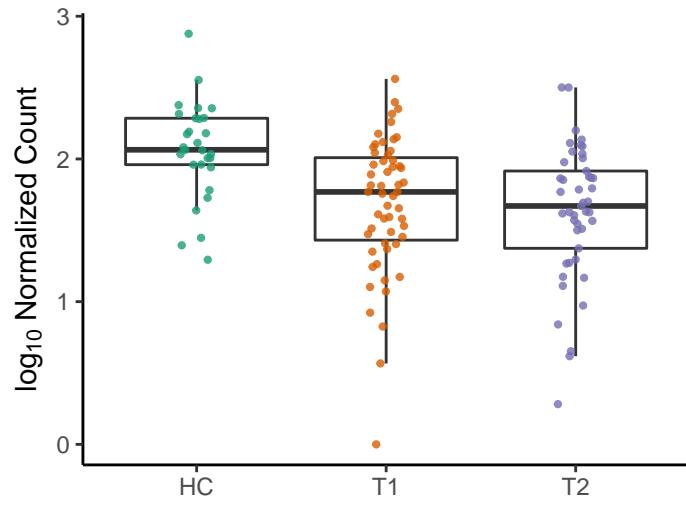
### *Mariprofundus*

non-ED vs. T1 adjusted p = 0.0028  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.79



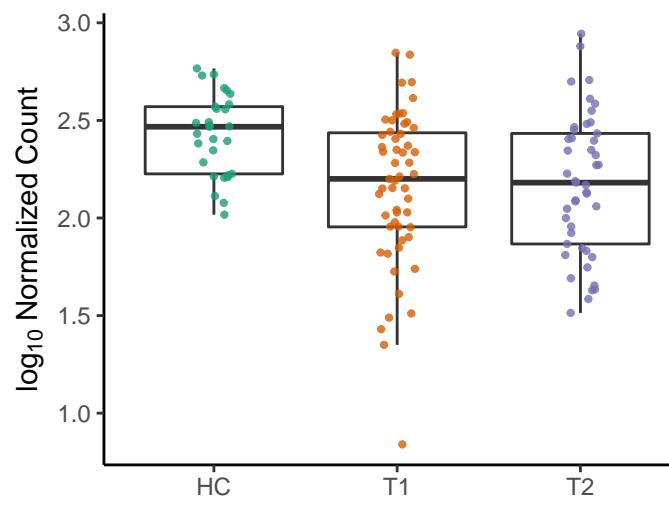
### Mesotoga

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.93



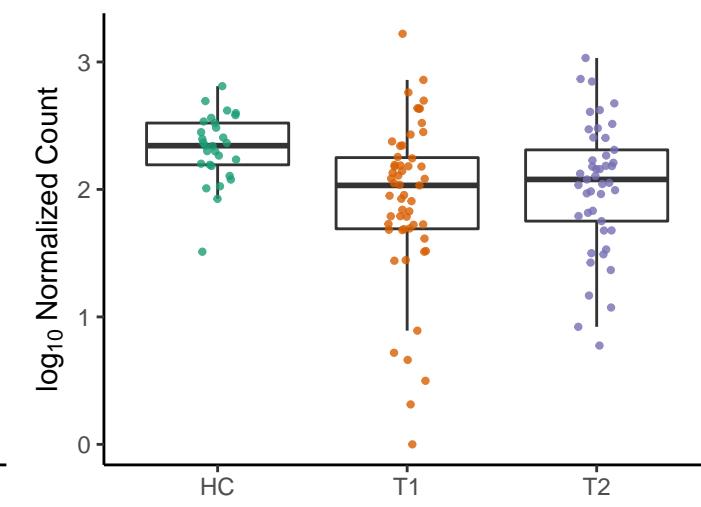
### Octadecabacter

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0054  
T1 vs. T2 adjusted p = 0.86



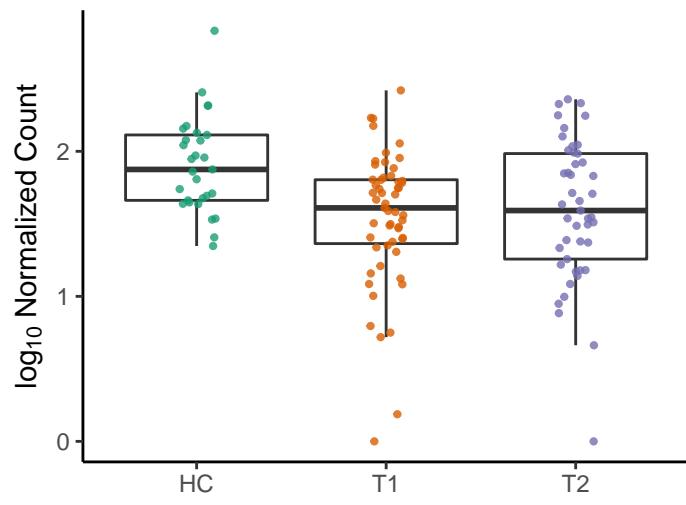
### Paludisphaera

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



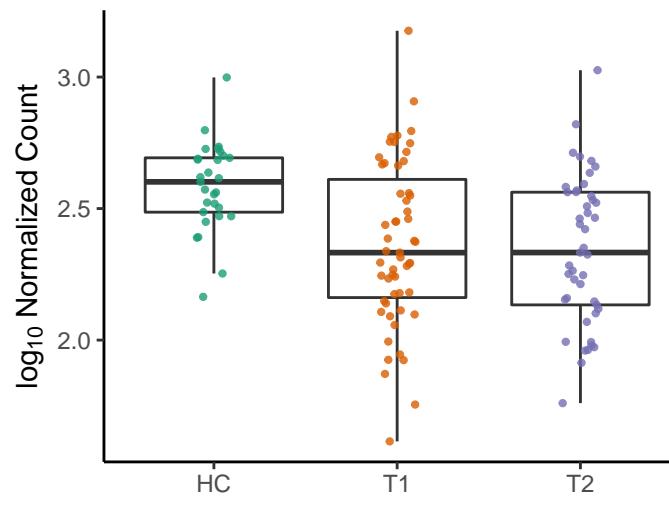
### Unclassified Methylophilaceae Family

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



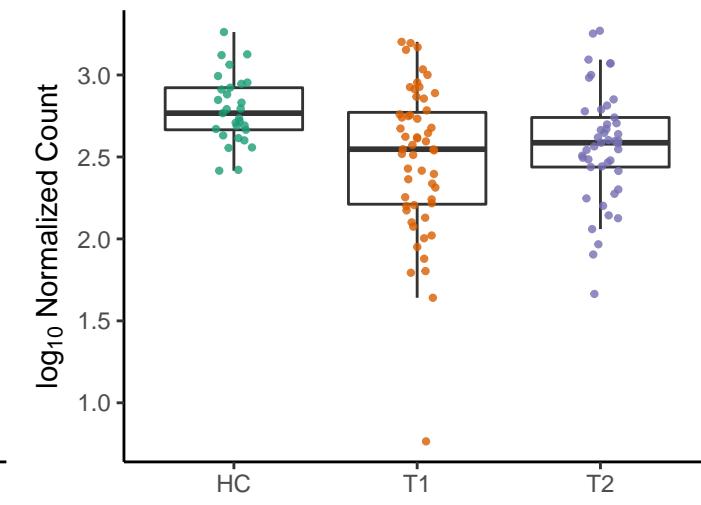
### Xenorhabdus

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.94



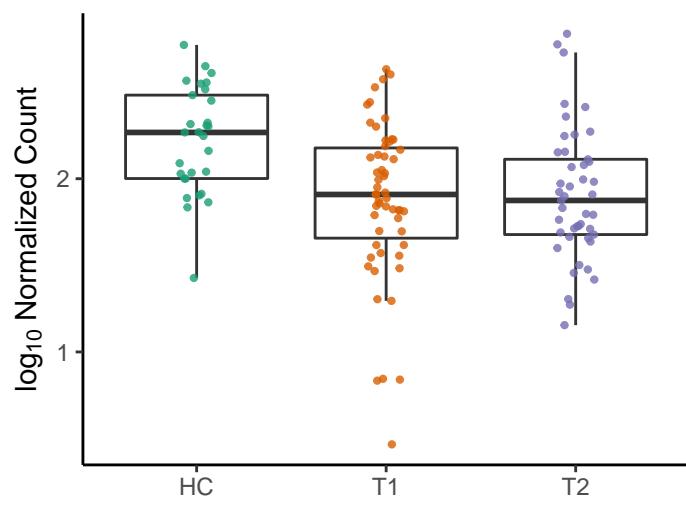
### Acidipropionibacterium

non-ED vs. T1 adjusted p = 0.0028  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



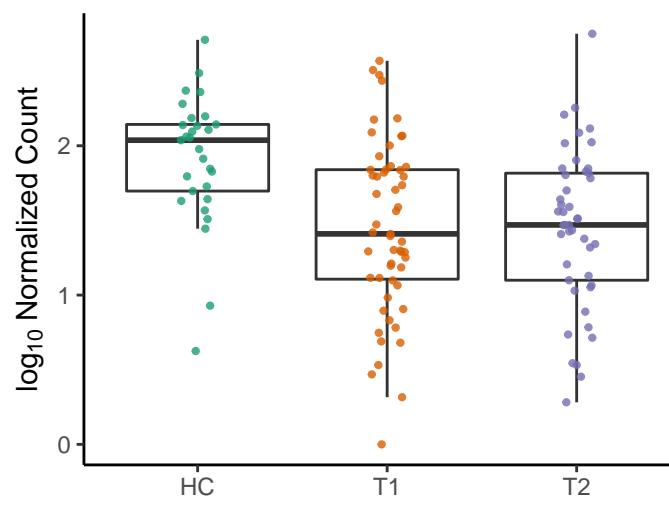
### Cohesibacter

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.79



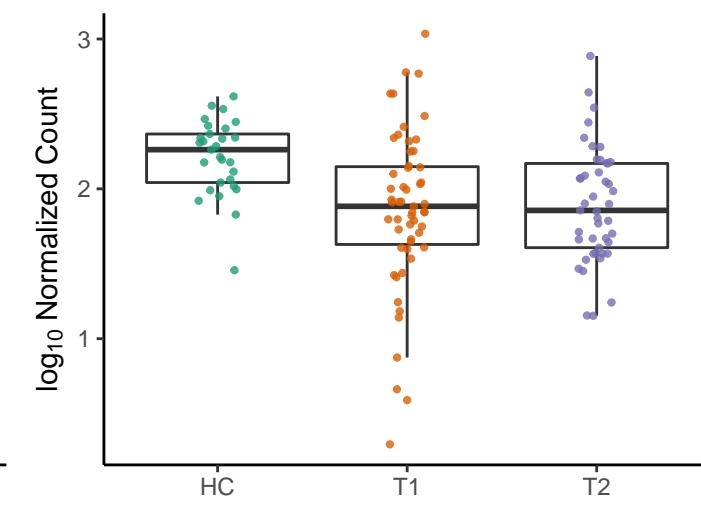
### Coprothermobacter

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0036  
T1 vs. T2 adjusted p = 0.9



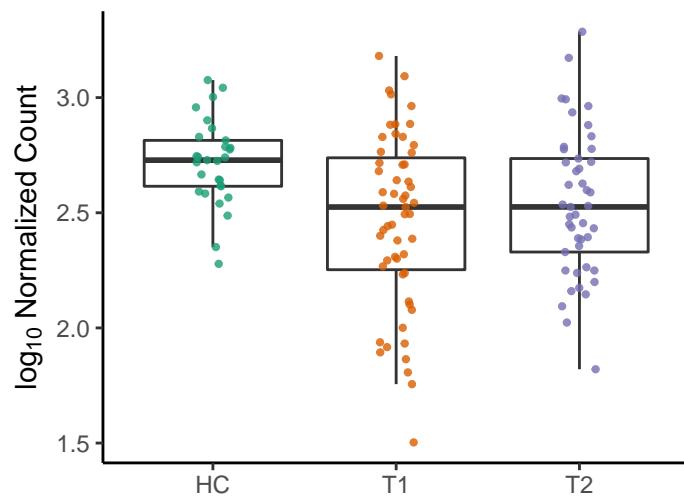
### Egibacter

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.81



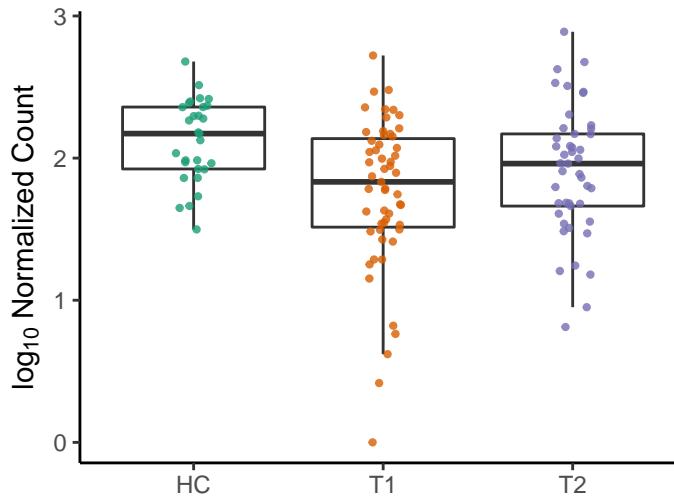
### Ochrobactrum

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



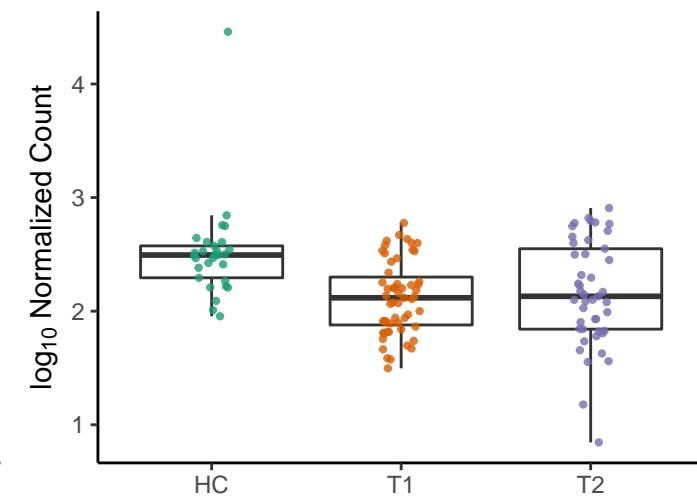
### Roseitalea

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



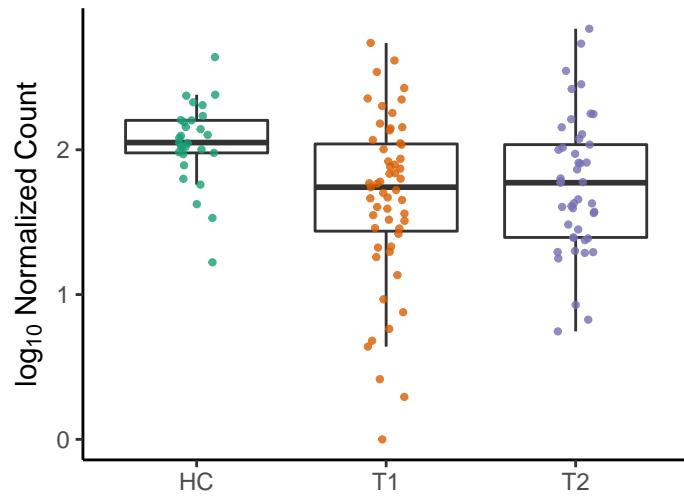
### Succinivibrio

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.88



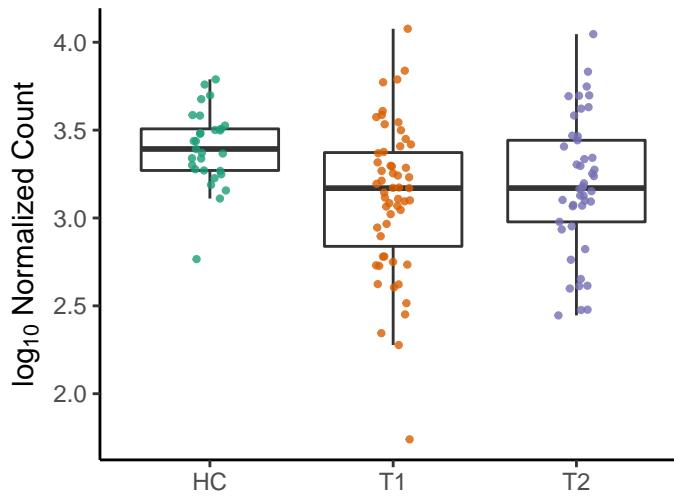
### Thiobacillus

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



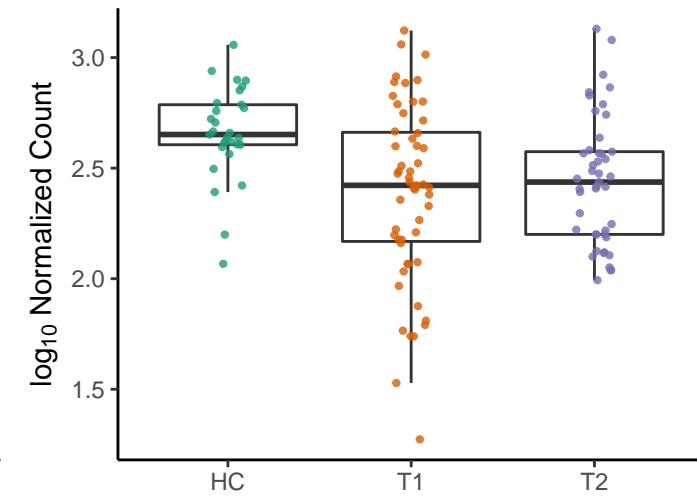
### Variovorax

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



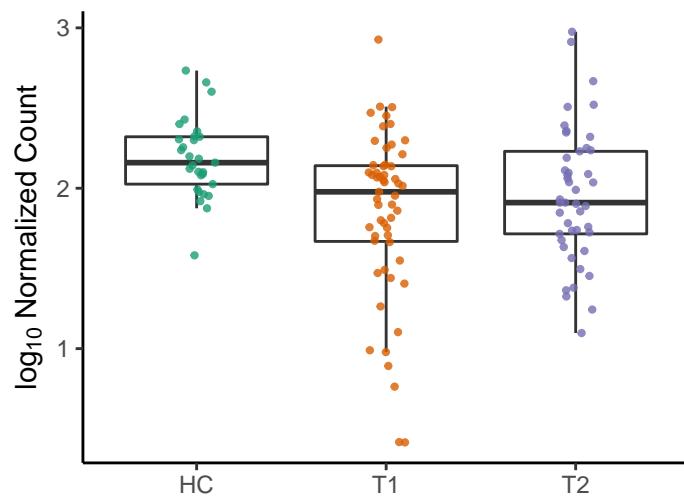
### Alcaligenes

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.79



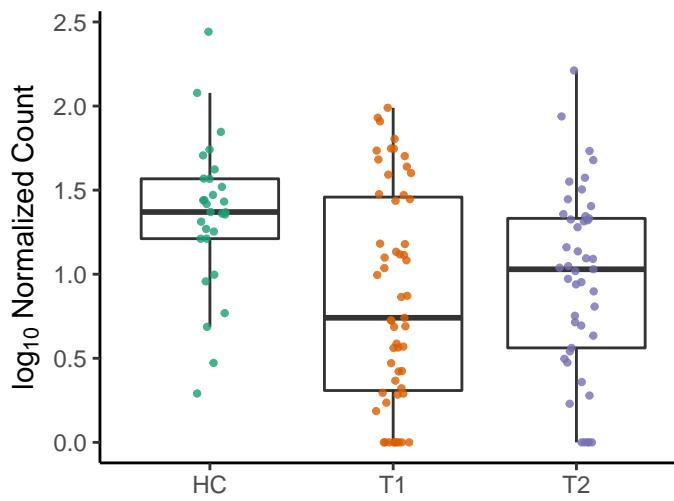
### Brevirhabdus

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



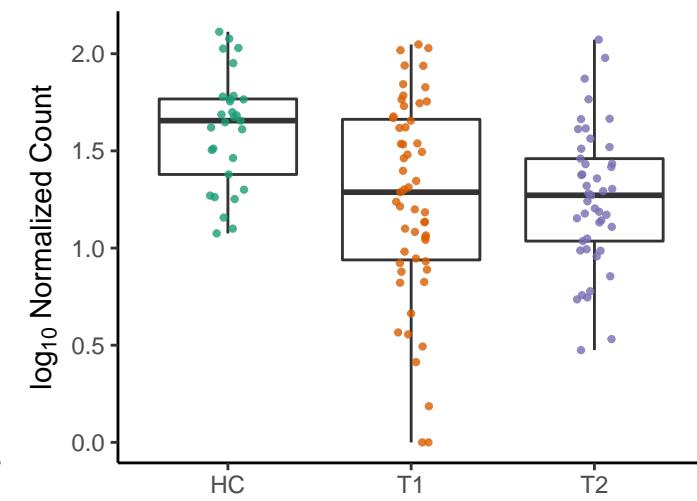
### Ignicoccus

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



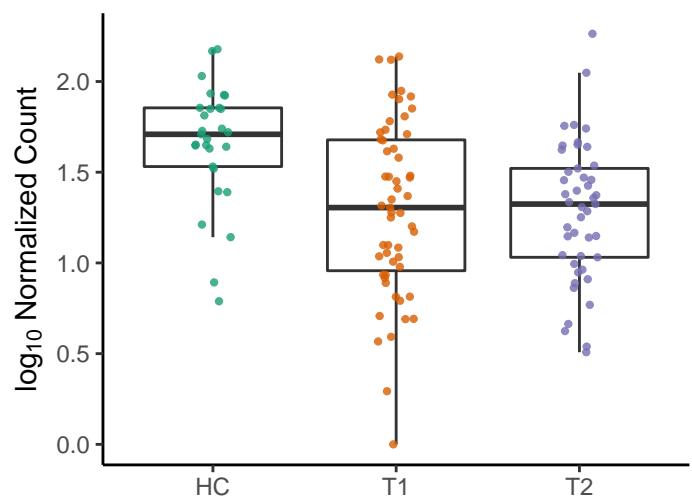
### Pontimonas

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.92



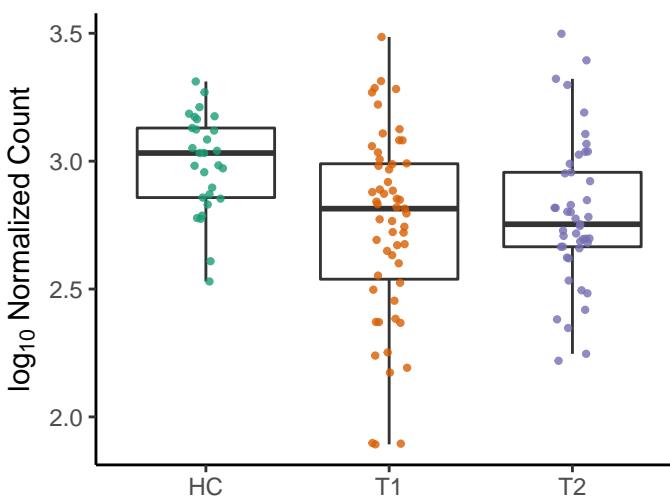
### Unclassified Staphylococcaceae Family

non-ED vs. T1 adjusted p = 0.003  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 1



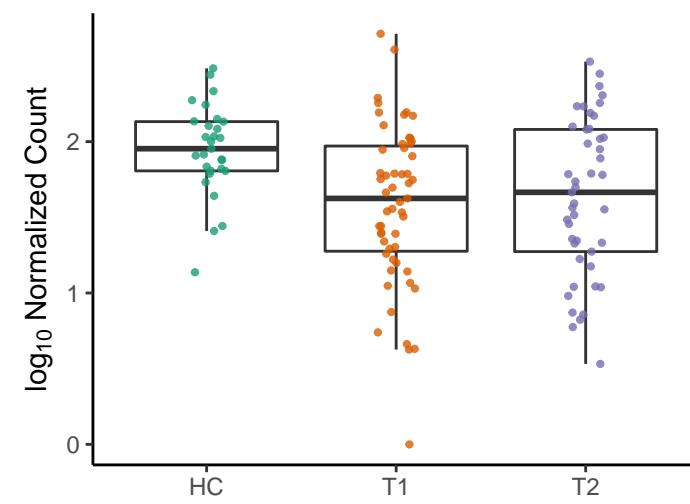
### Acetobacter

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.79



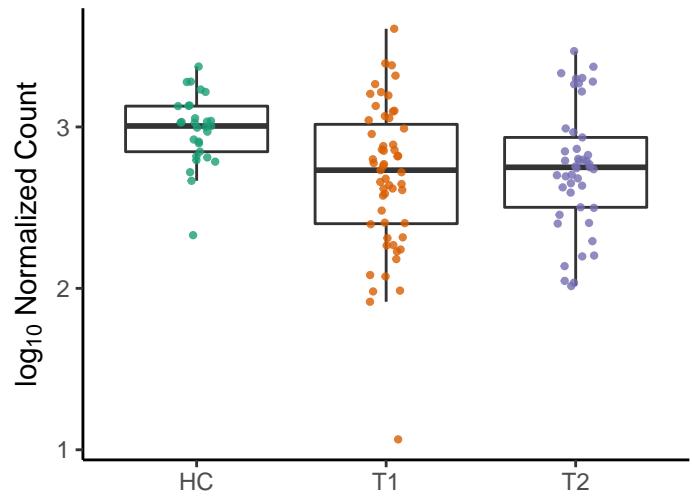
### Acidiferrobacter

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



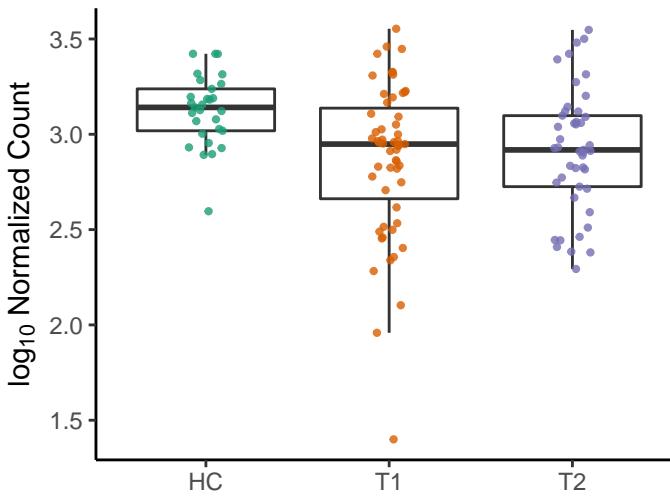
### Altererythrobacter

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



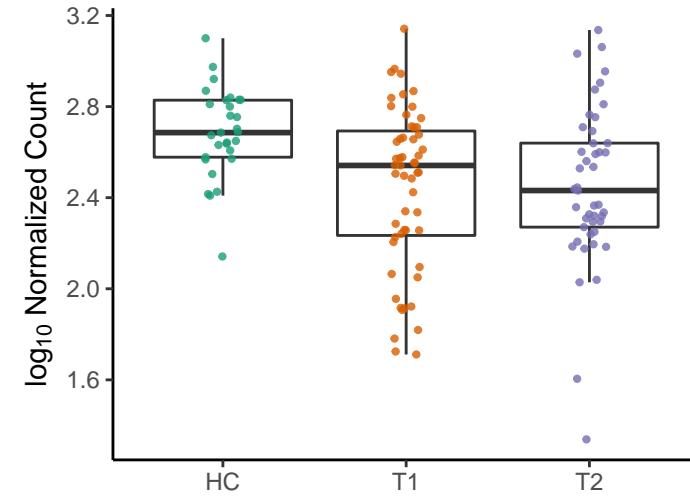
### Brevibacterium

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0077  
T1 vs. T2 adjusted p = 0.79



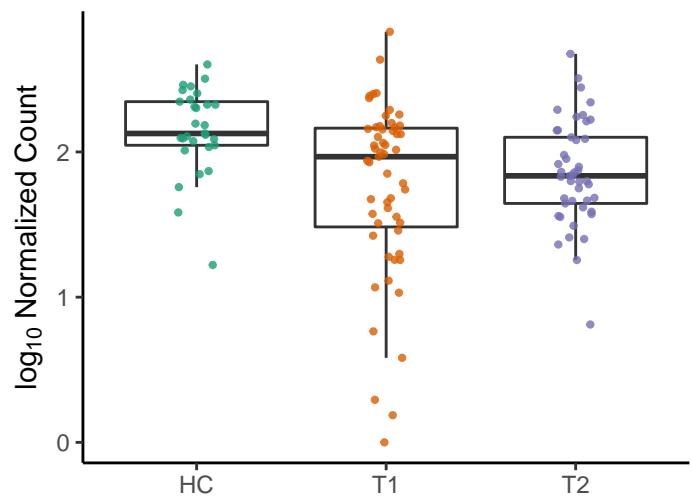
### Chlorobium

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.81



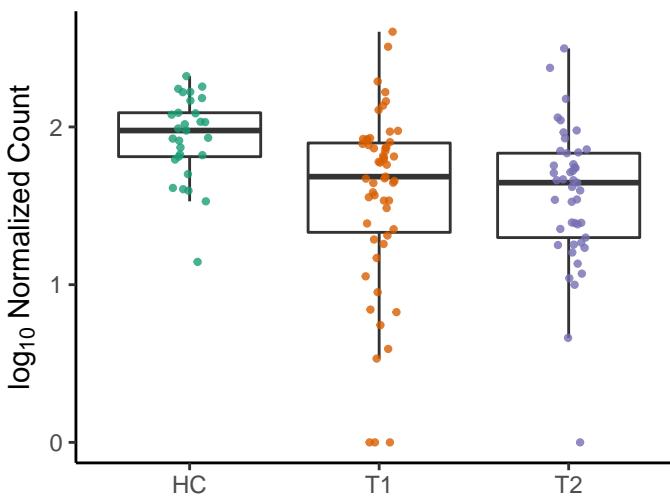
### Gemmobacter

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0055  
T1 vs. T2 adjusted p = 0.79



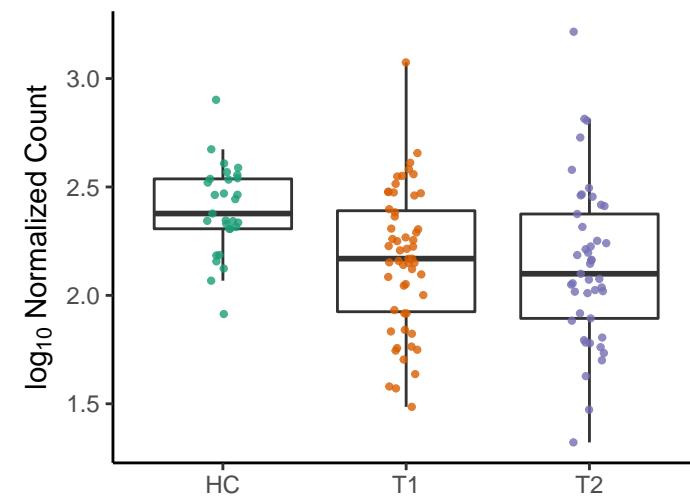
### Kozakia

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0024  
T1 vs. T2 adjusted p = 0.91



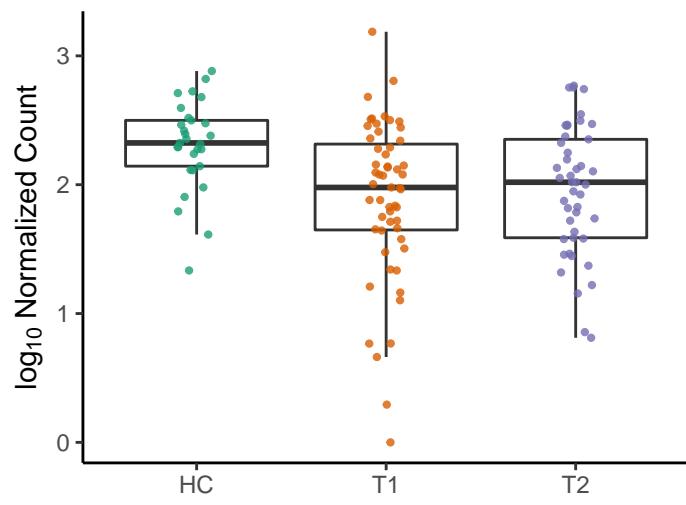
### Marinomonas

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.97



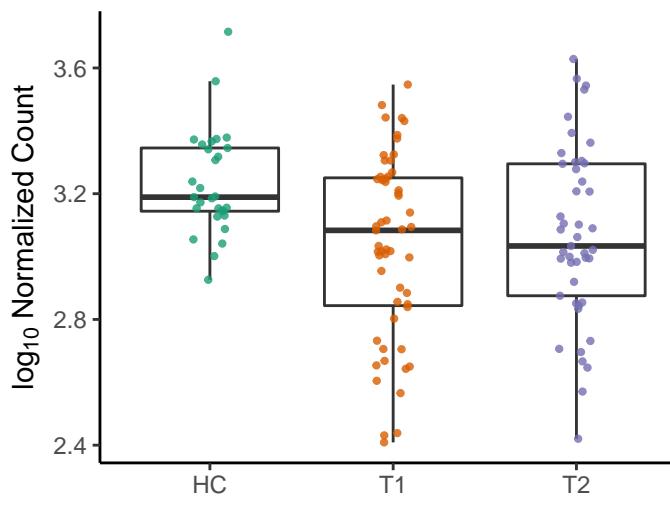
### Minimonas

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.79



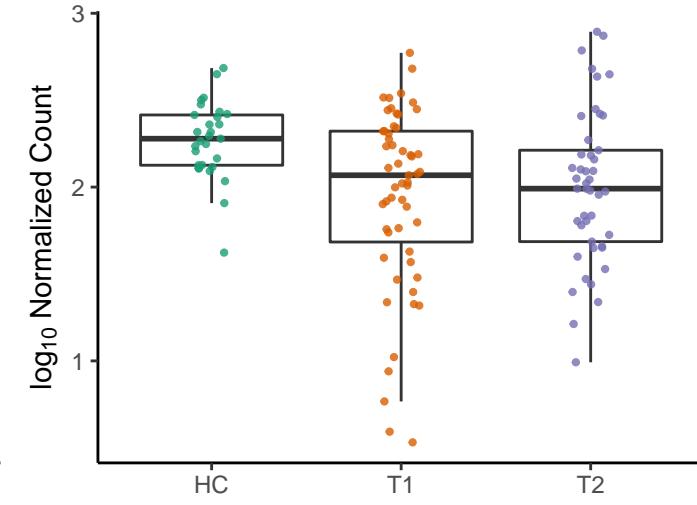
### Pantoea

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



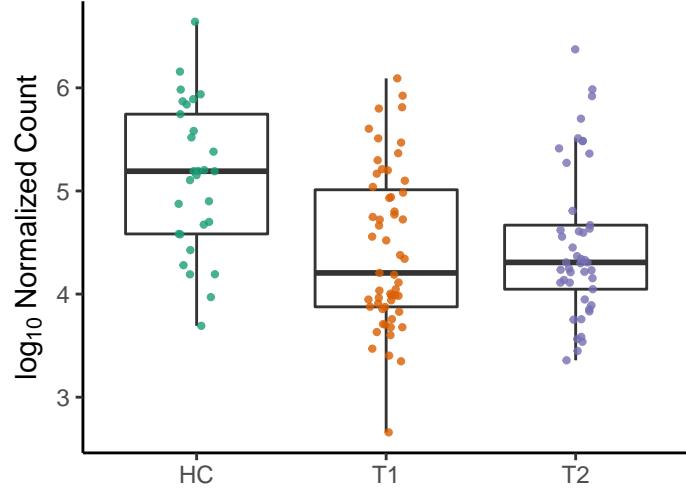
### Roseateles

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.82



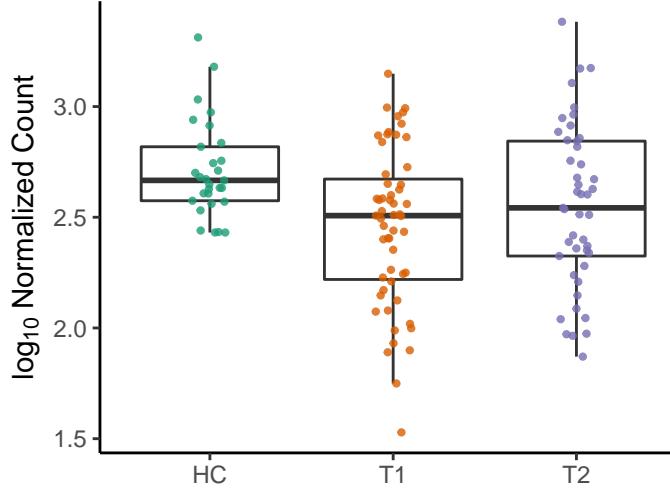
### Ruminococcus

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 1



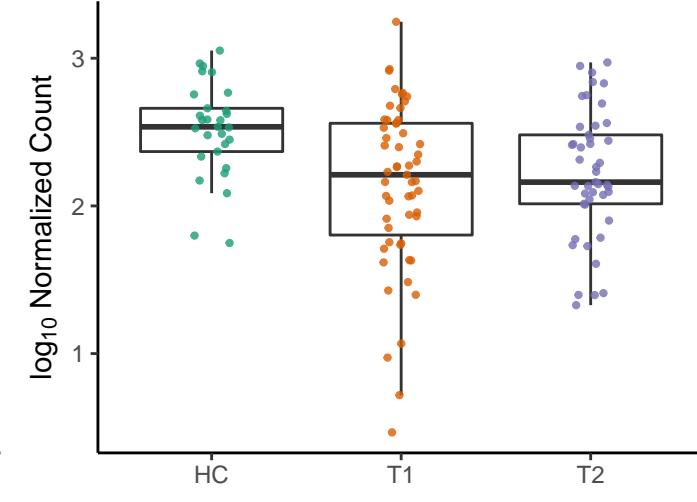
### Saccharibacillus

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.79



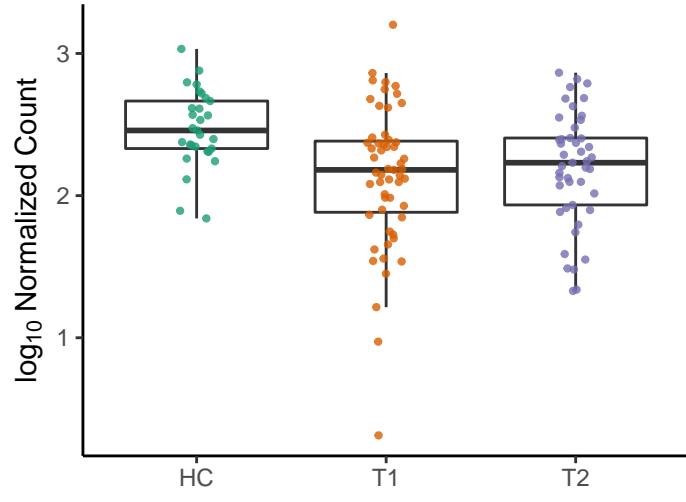
### Sanguibacter

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



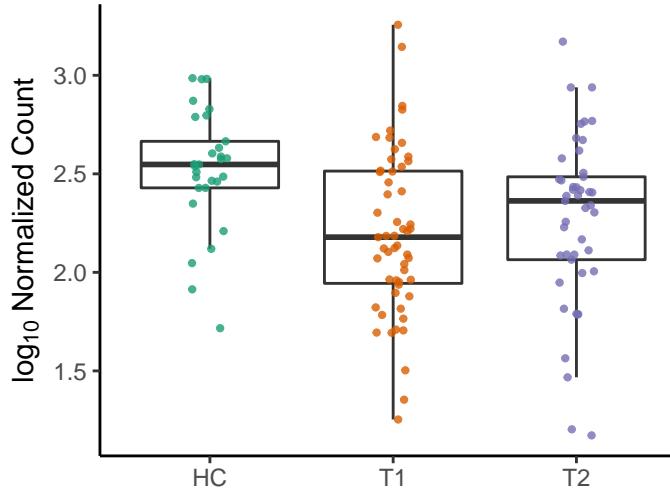
### Tepidiforma

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0074  
T1 vs. T2 adjusted p = 0.79



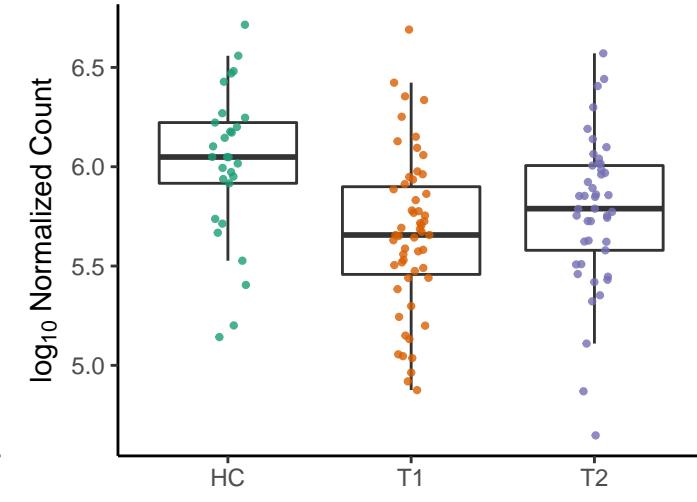
### Tistrella

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



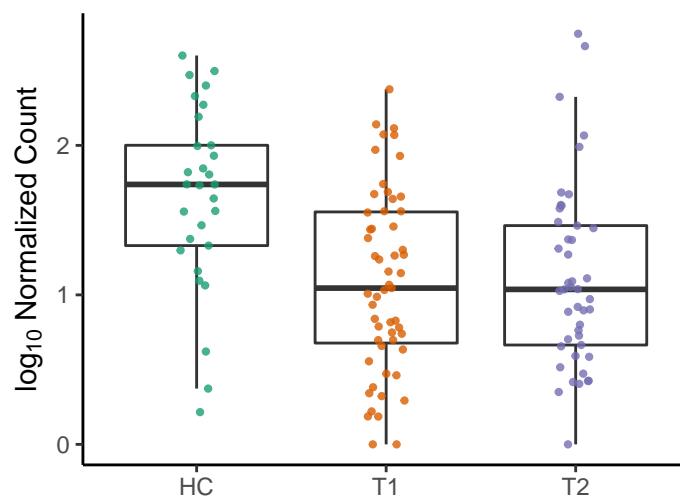
### Unclassified Lachnospiraceae Family

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



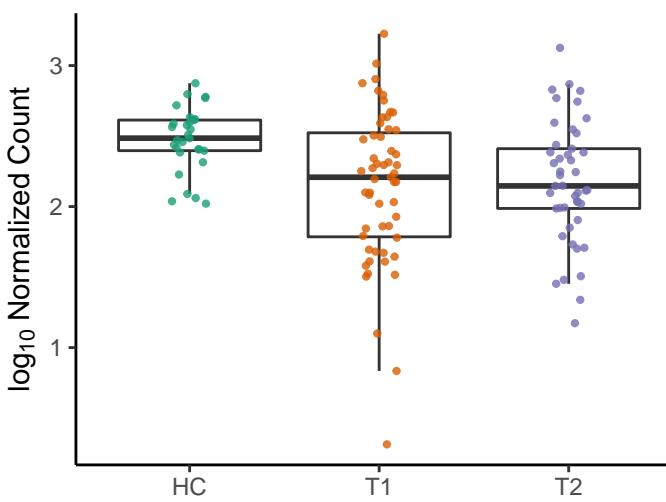
### Unclassified Synechococcales Order

non-ED vs. T1 adjusted p = 0.0031  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.94



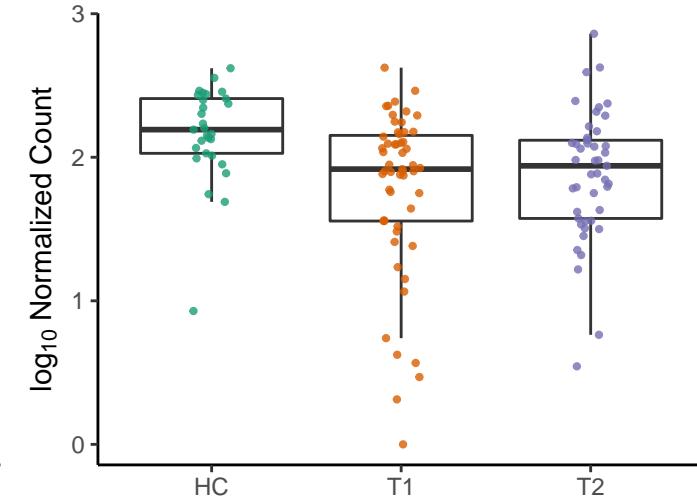
### Chelatococcus

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.79



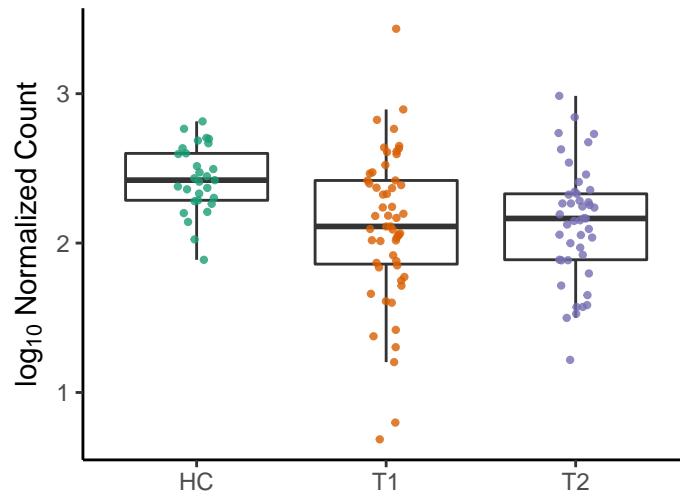
### Herminiimonas

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



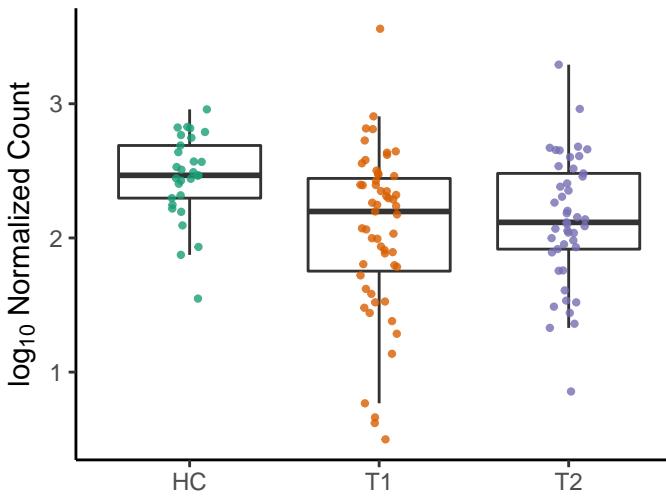
### Lentzea

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.81



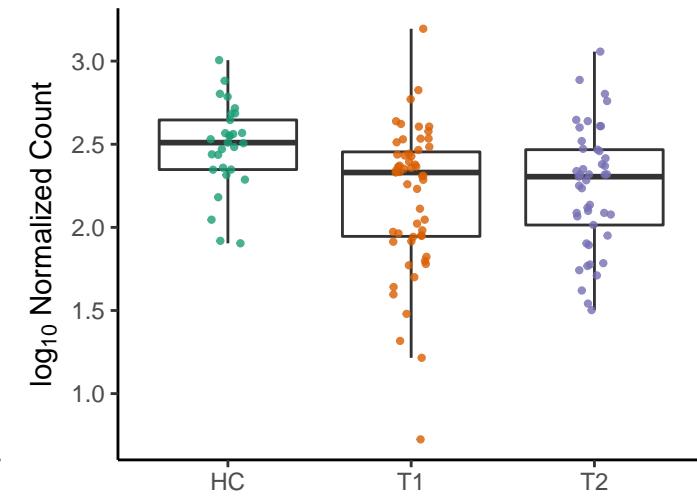
### Streptacidiphilus

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



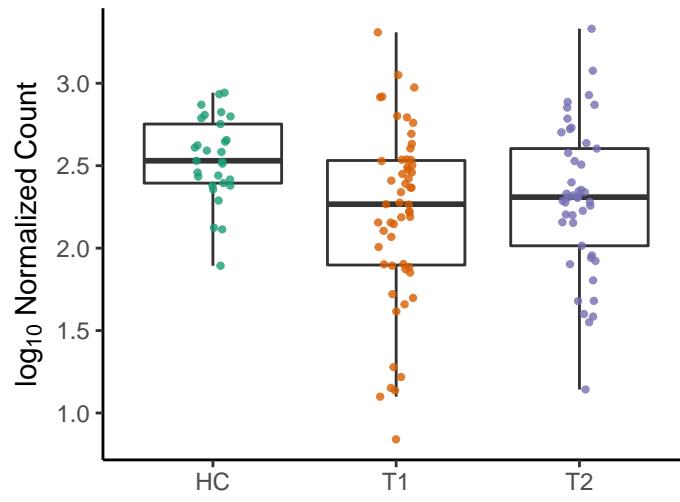
### Sulfuriferula

non-ED vs. T1 adjusted p = 0.0032  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.8



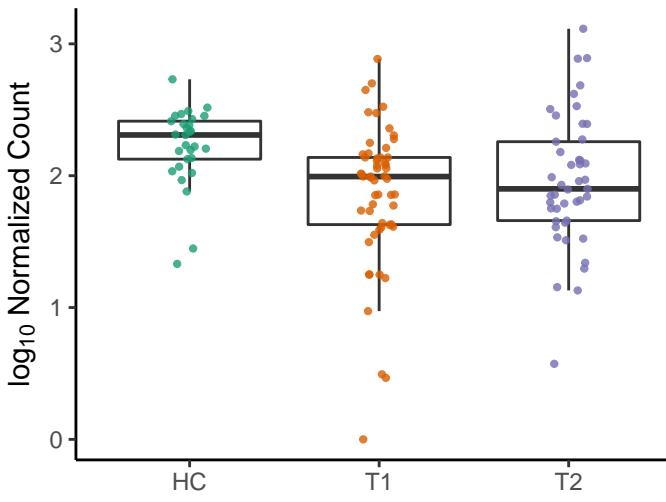
### Aquospaera

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



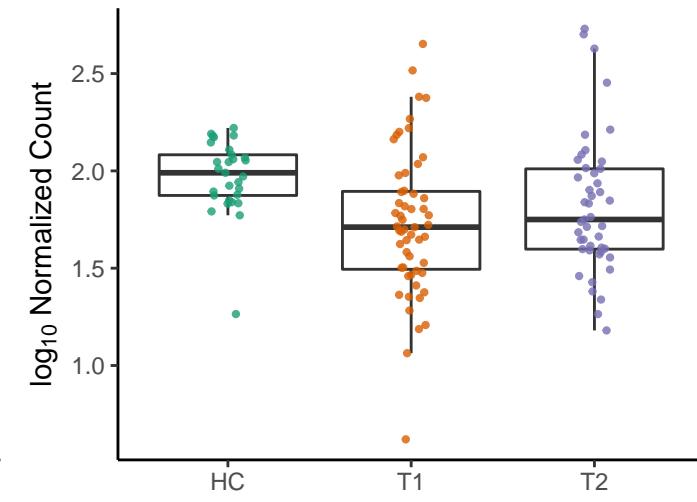
### Unclassified Thermoplasmatales Order

non-ED vs. T1 adjusted p = 0.0033  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



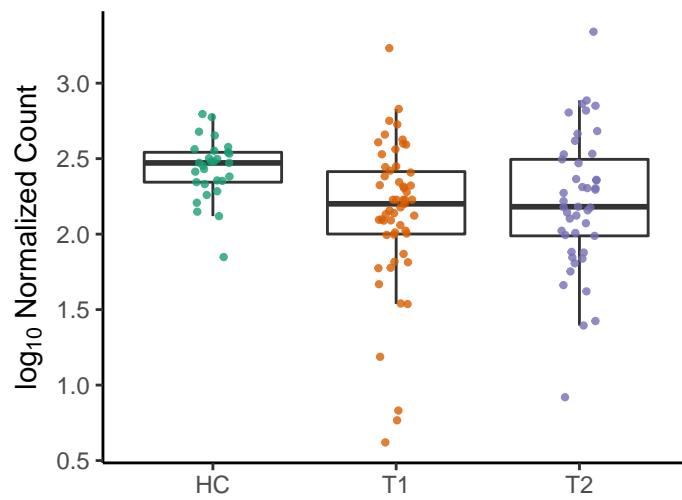
### Devriesea

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



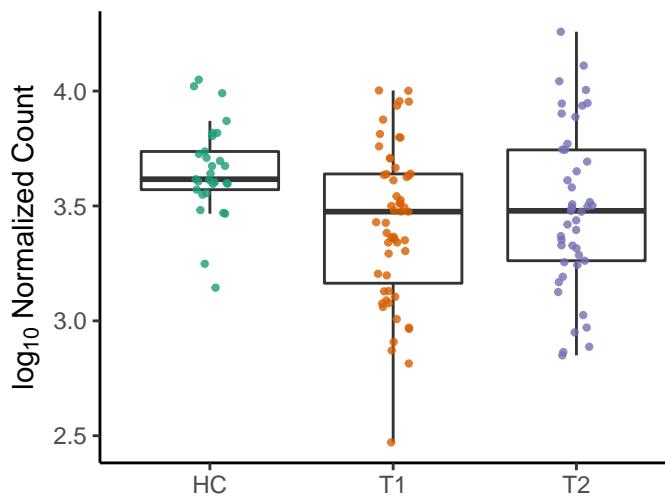
### Haloarcula

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



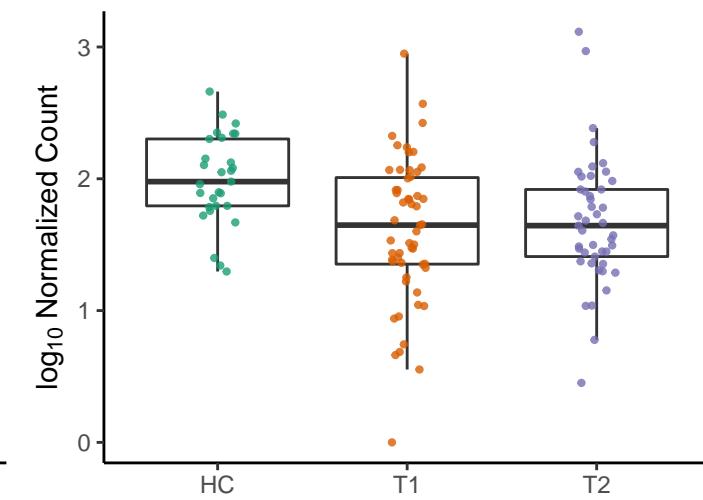
### Selenomonas

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



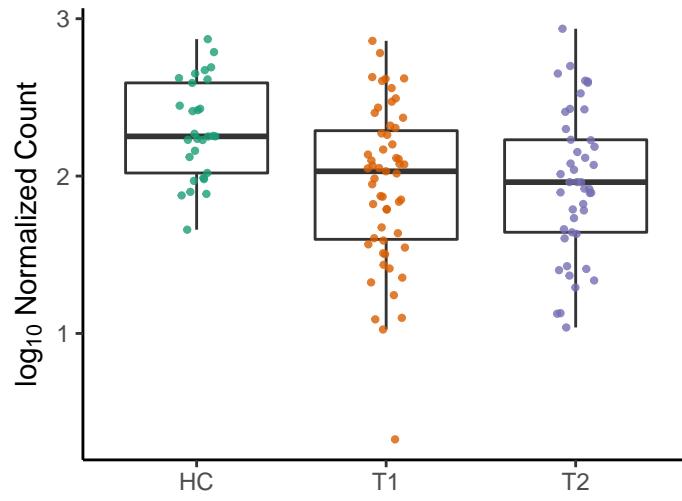
### Simiduia

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.83



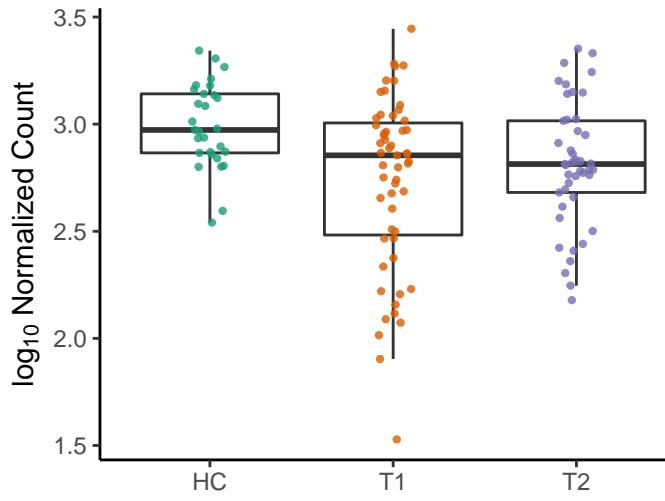
### Singulisphaera

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.0059  
T1 vs. T2 adjusted p = 0.9



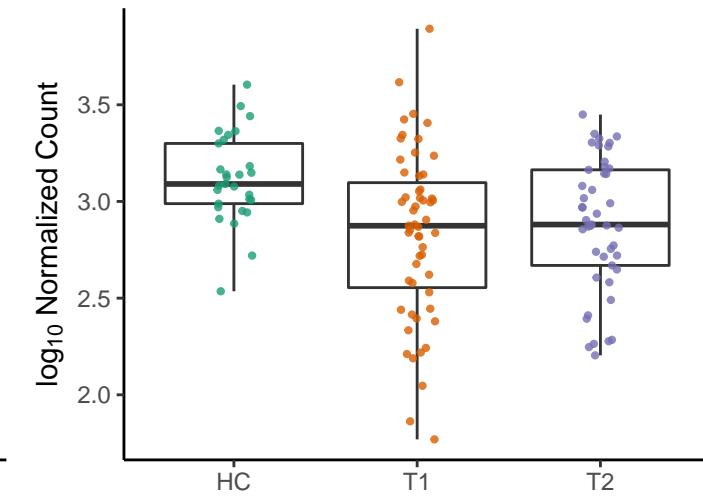
### Sulfitobacter

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



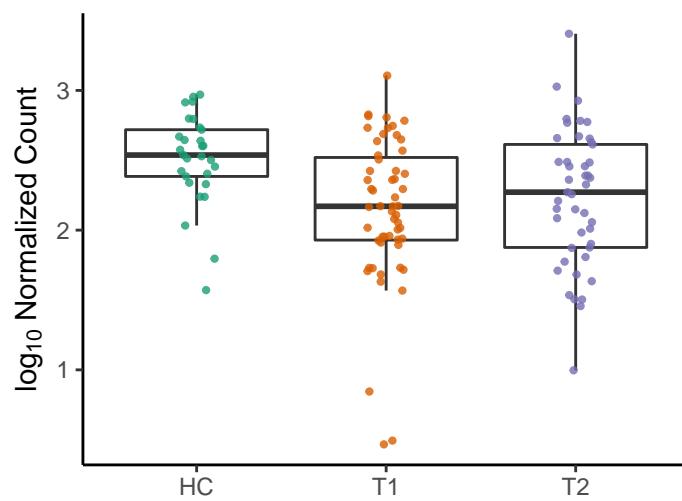
### Unclassified Mycobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.79



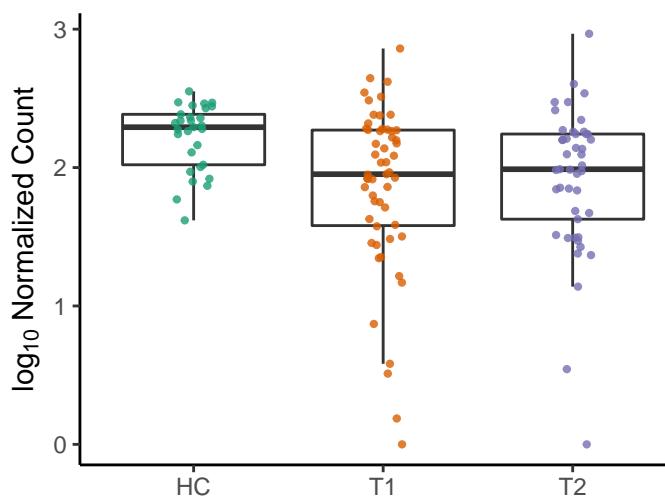
### Conexibacter

non-ED vs. T1 adjusted p = 0.0034  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



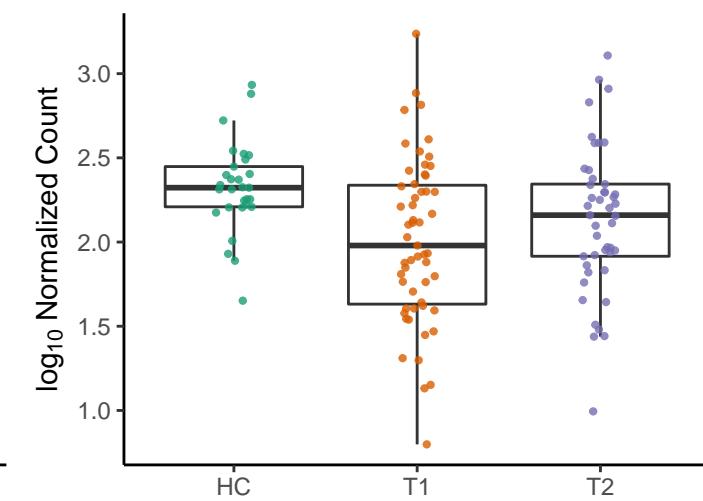
### Halovulum

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



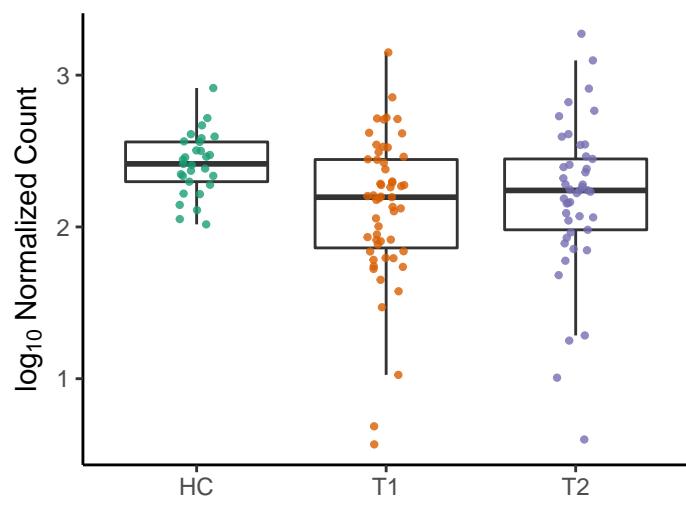
### Microterricola

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



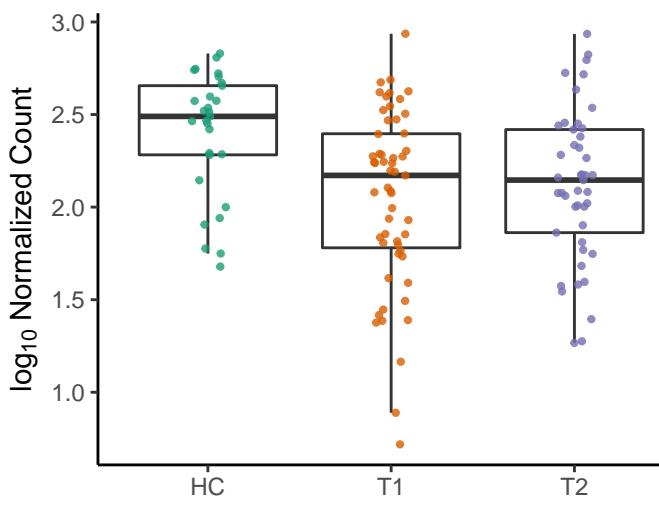
### Roseivivax

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



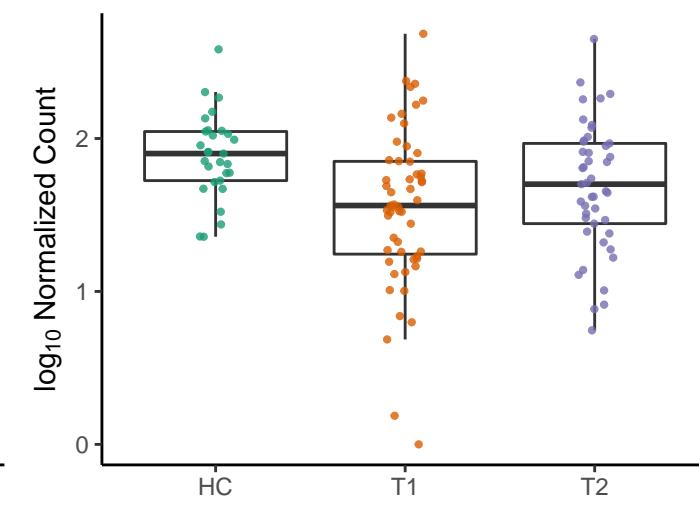
### Sphingosinicella

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



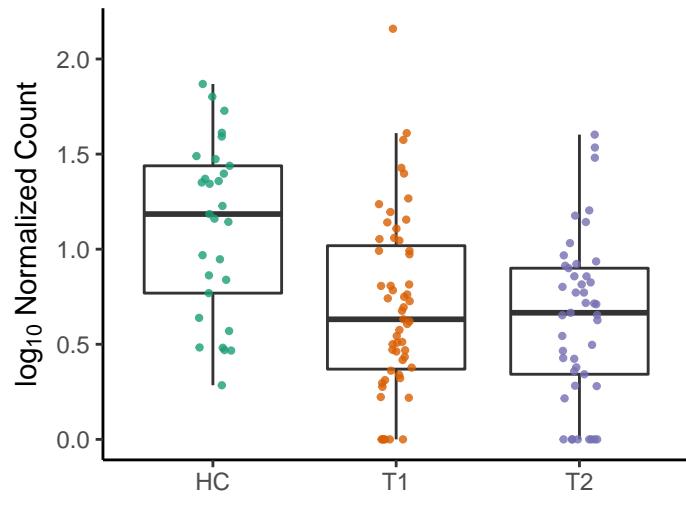
### Teredinibacter

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



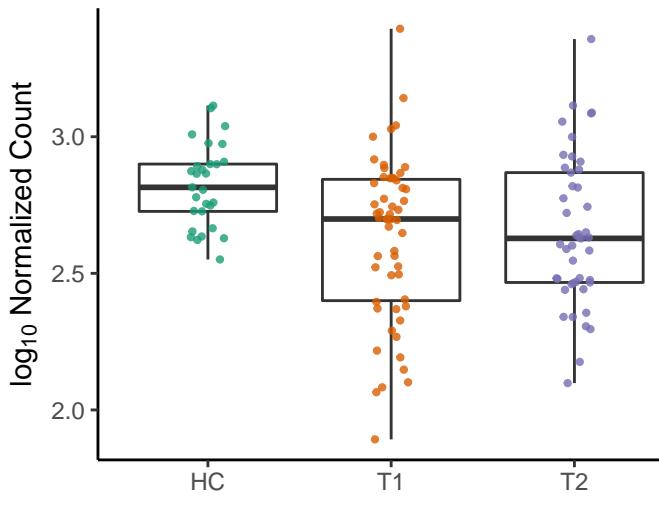
### Unclassified Selenomonadaceae Family

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.81



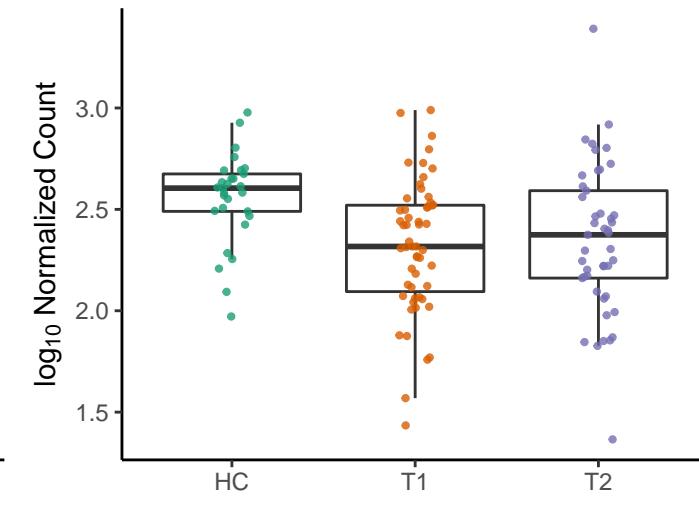
### Alteromonas

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.83



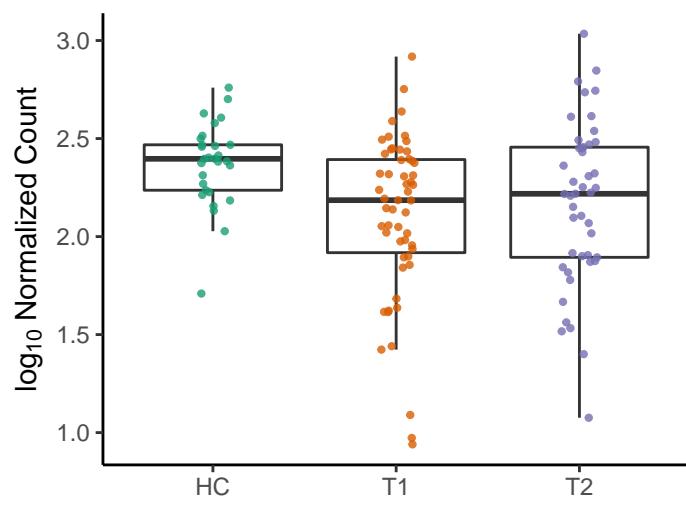
### Aspergillus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.87



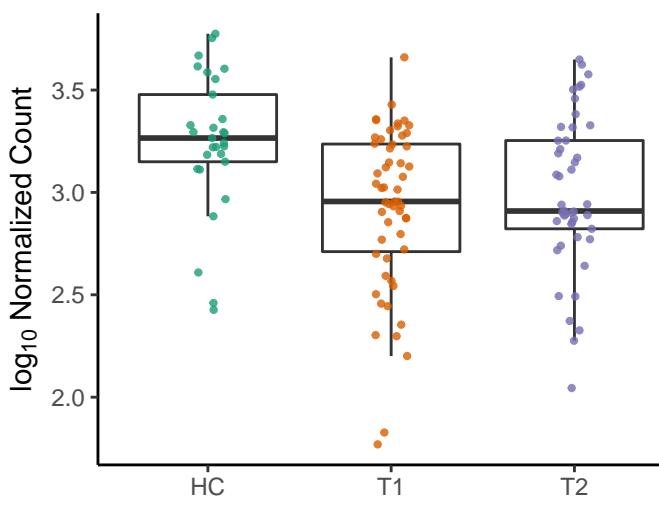
### Desulfurivibrio

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



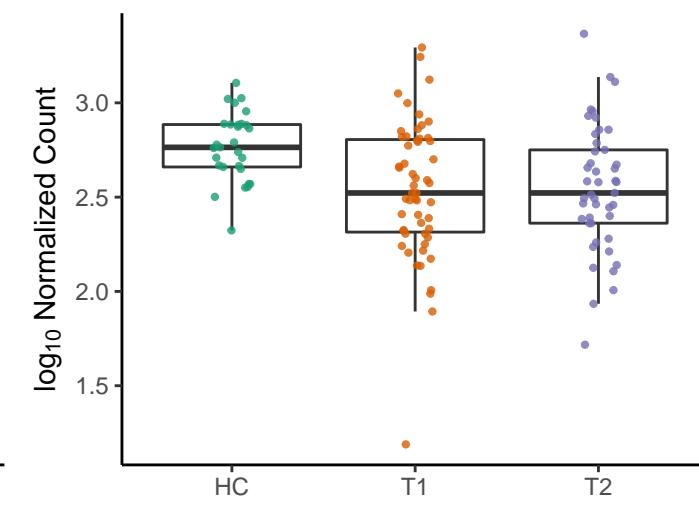
### Faecalibaculum

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



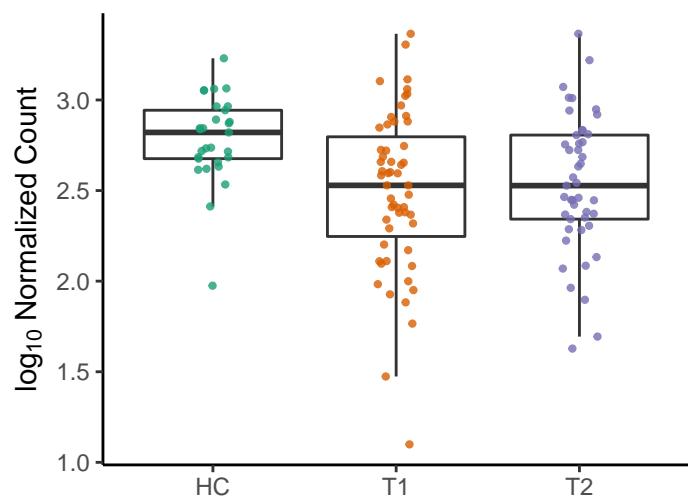
### Glutamicibacter

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.82



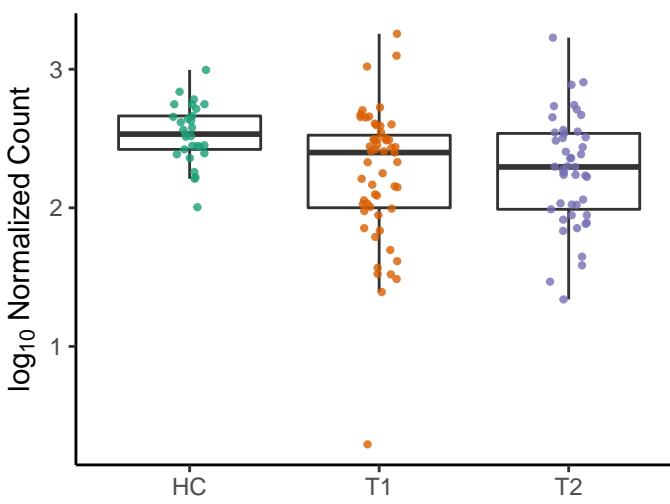
### Luteimonas

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0098  
T1 vs. T2 adjusted p = 0.79



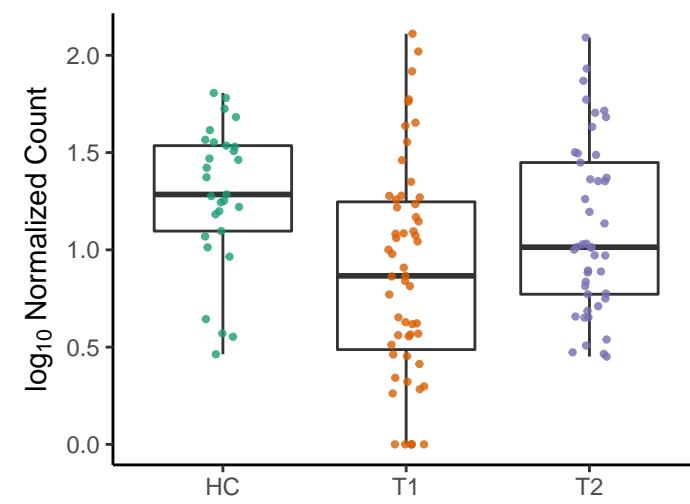
### Meiothermus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.79



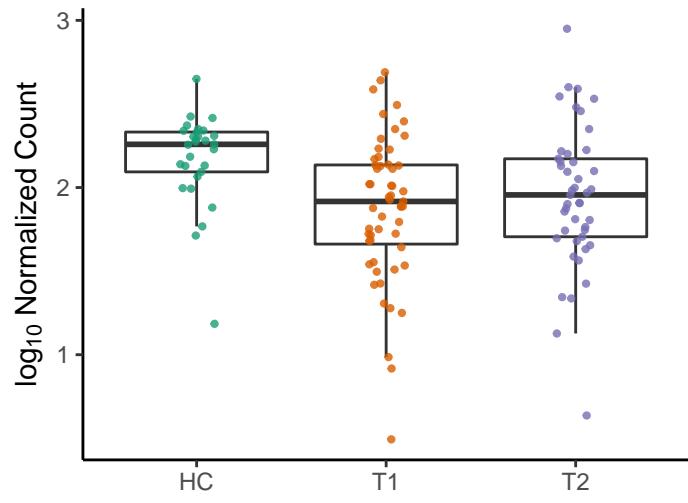
### Methanofervidicoccus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



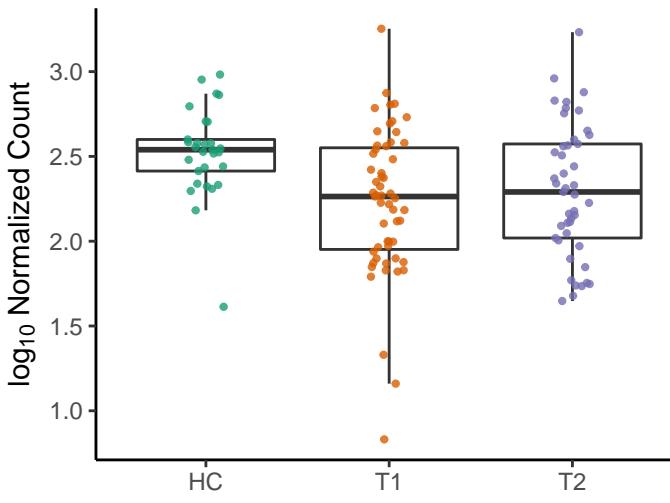
### Neokomagataea

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



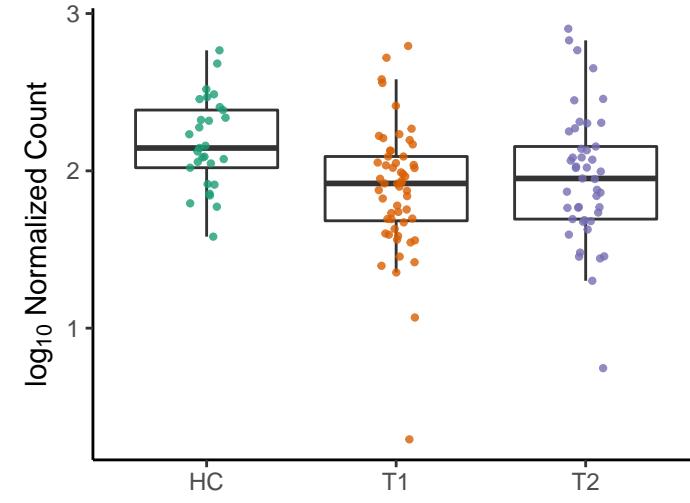
### Nitratireductor

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



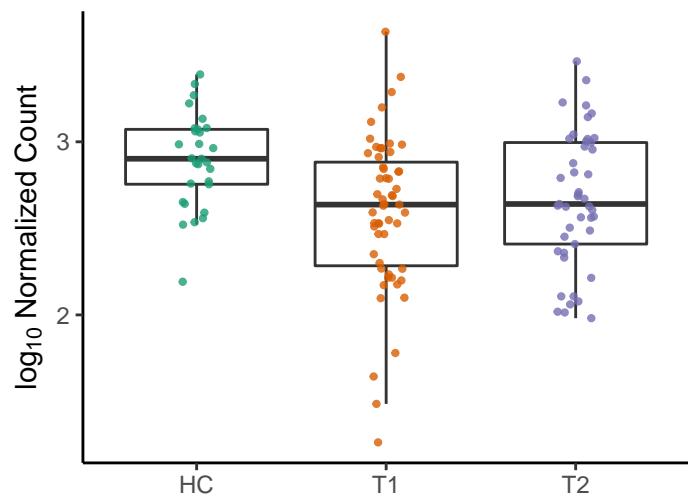
### Sedimenticola

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



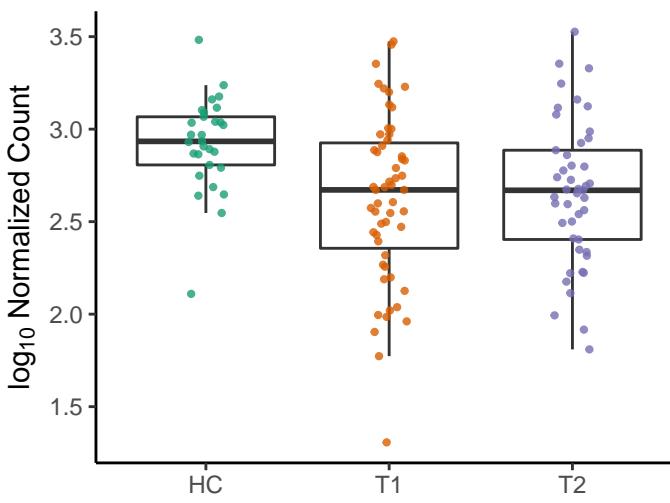
### Tessaracoccus

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



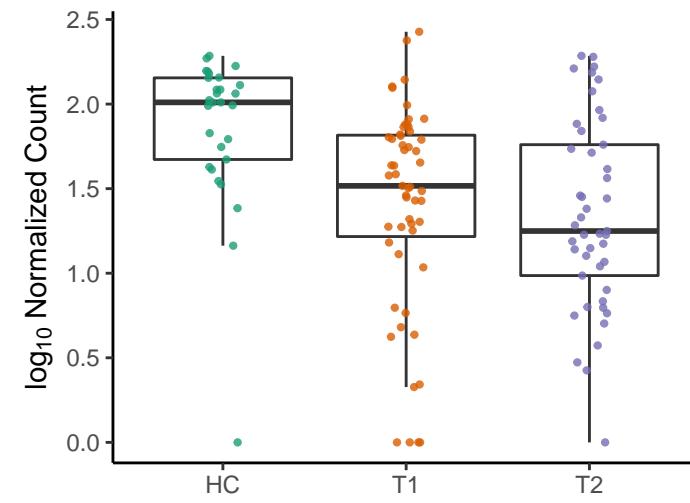
### Thauera

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.79



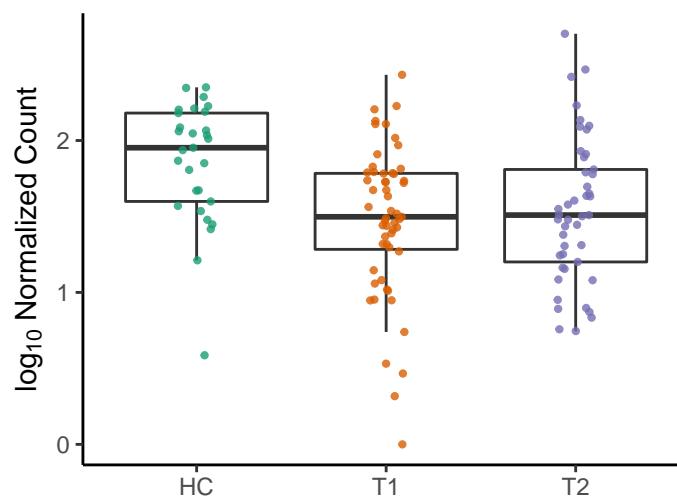
### Unclassified Desulfobacteraceae Family

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0028  
T1 vs. T2 adjusted p = 0.83



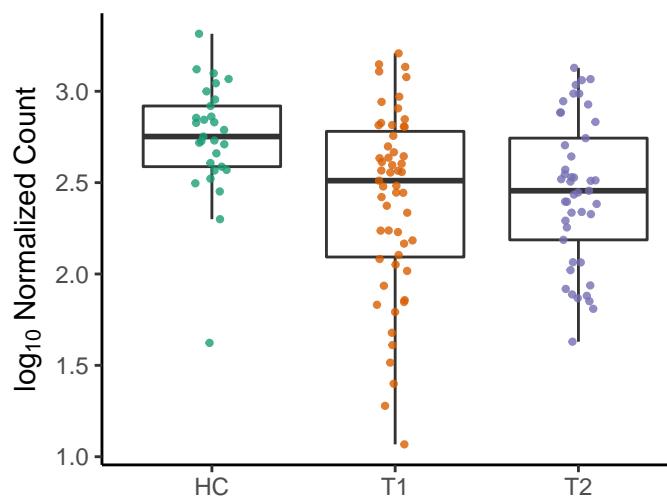
### Unclassified Natrialbaceae Family

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.8



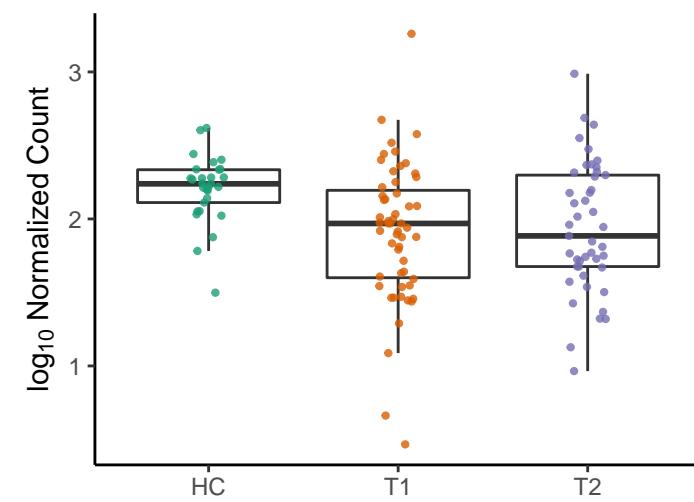
### Unclassified Xanthomonadaceae Famil

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.0085  
T1 vs. T2 adjusted p = 0.79



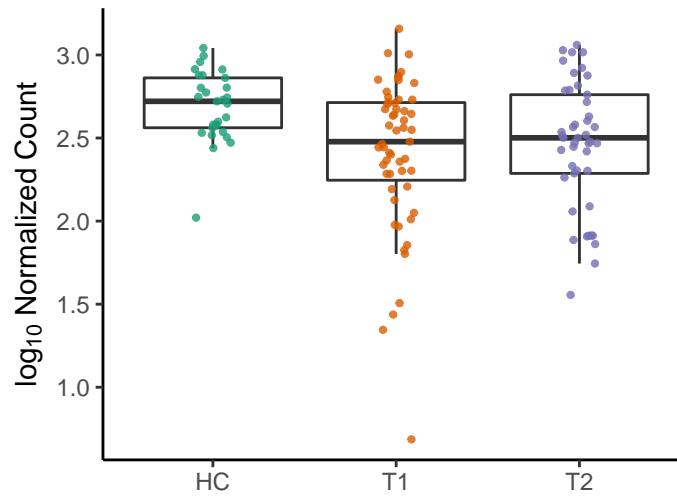
### Verrucosispora

non-ED vs. T1 adjusted p = 0.0035  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.8



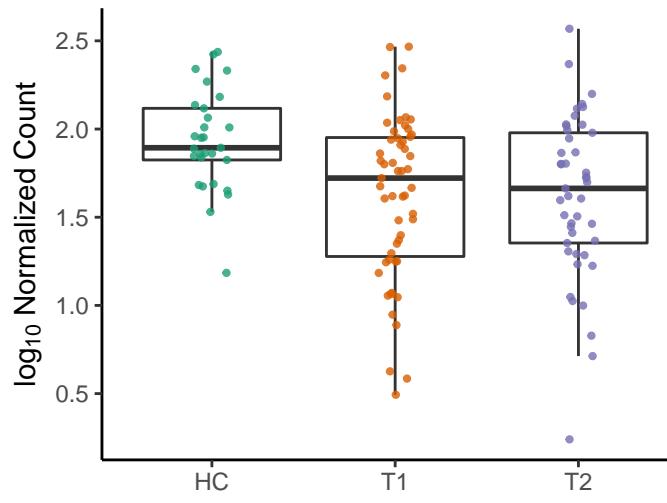
### Martelella

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



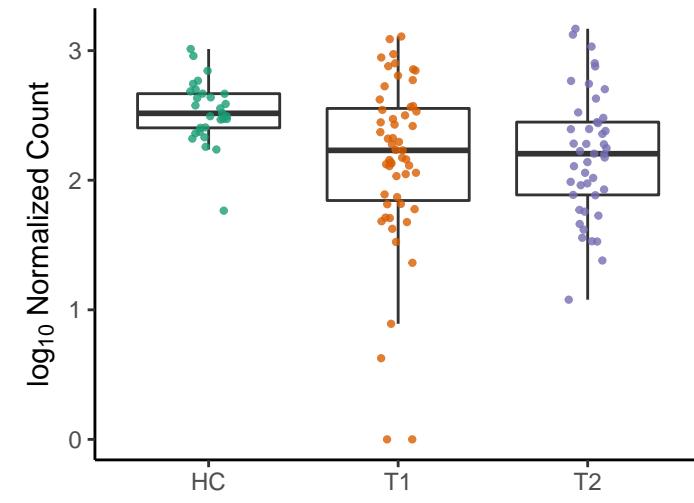
### Anaplasma

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.89



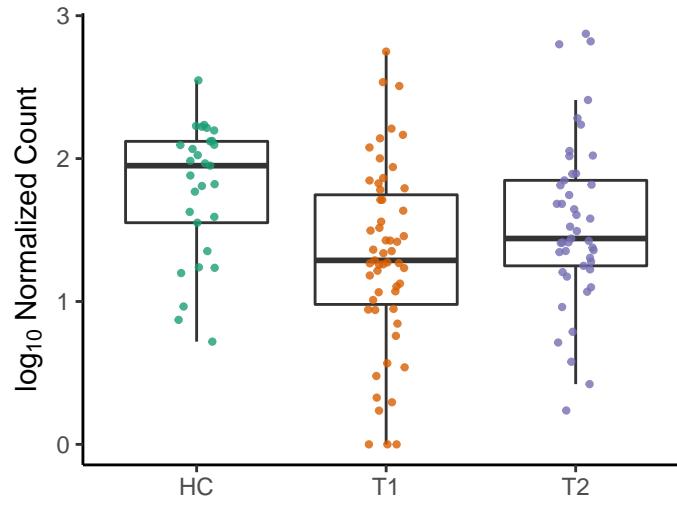
### Candidatus Promineofilum

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.0044  
T1 vs. T2 adjusted p = 0.79



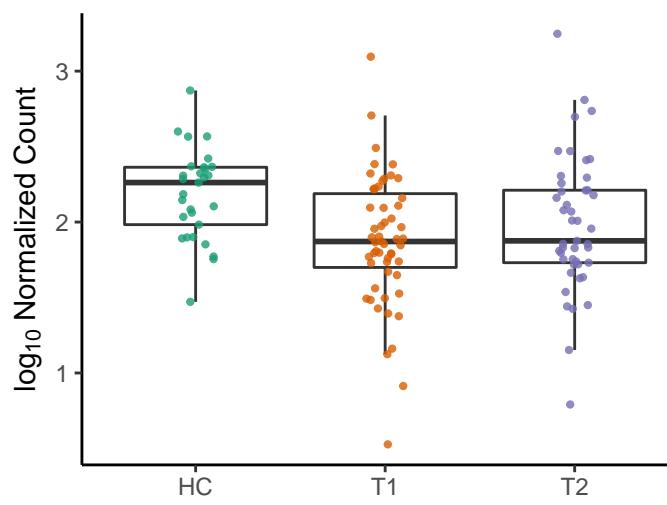
### Dichelobacter

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.77



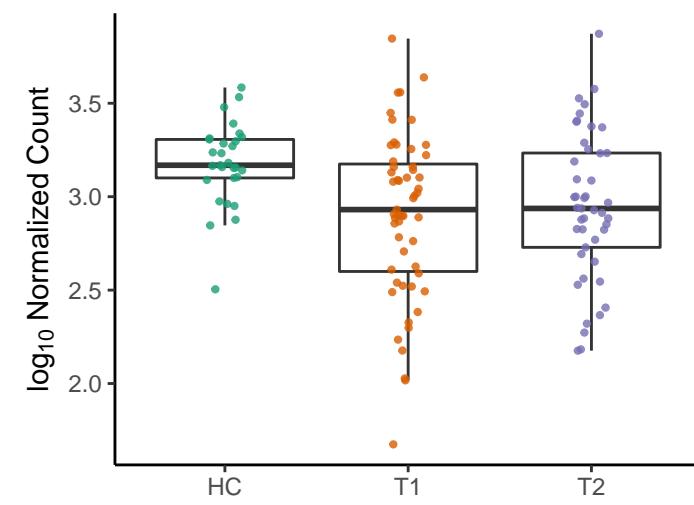
### Lentibacillus

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



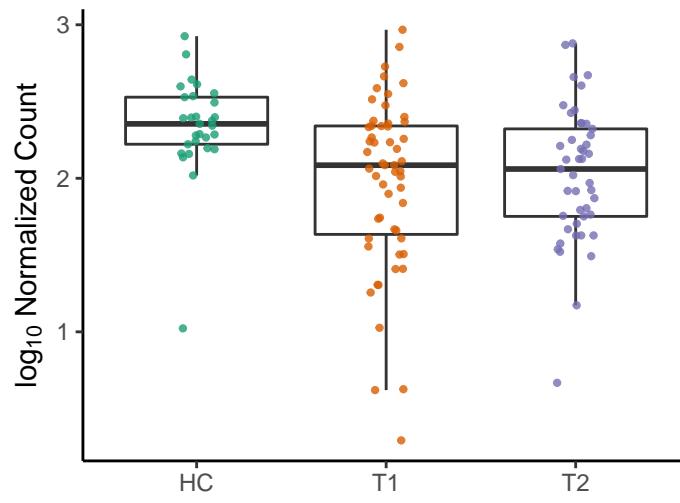
### Lysobacter

non-ED vs. T1 adjusted p = 0.0036  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



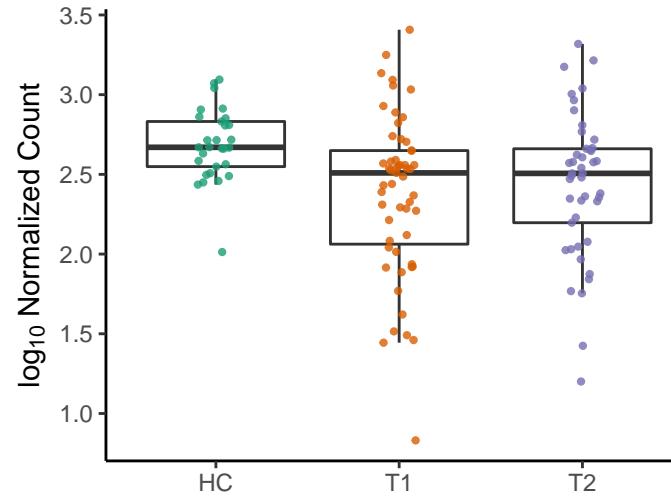
### *Thiohalobacter*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.0084  
 T1 vs. T2 adjusted p = 0.79



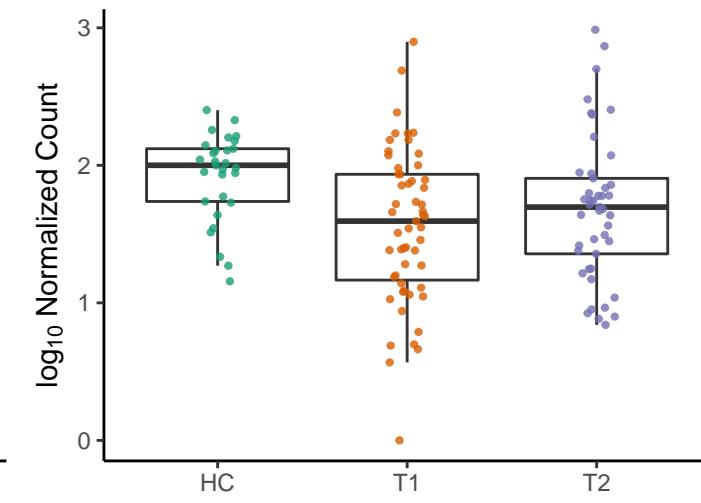
### *Thiomonas*

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.79



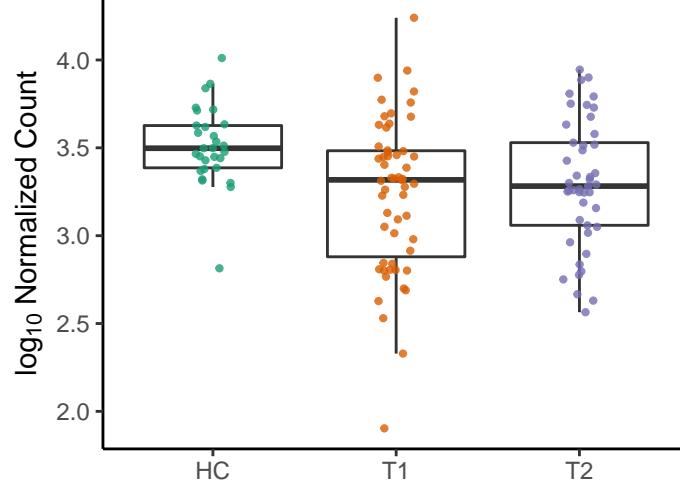
### Unclassified Chromobacteriaceae Family

non-ED vs. T1 adjusted p = 0.0036  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.79



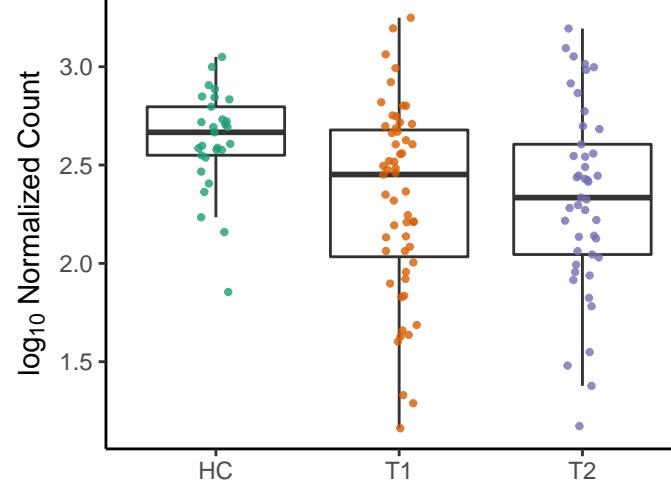
### *Nocardia*

non-ED vs. T1 adjusted p = 0.0038  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.79



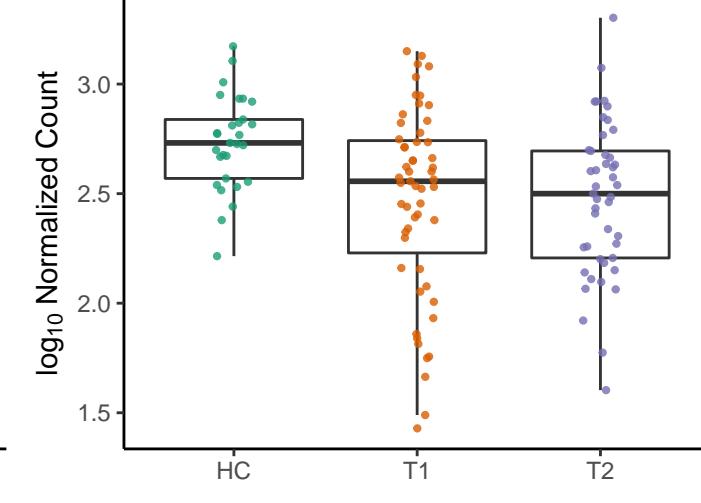
### *Haliangium*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.0095  
 T1 vs. T2 adjusted p = 0.81



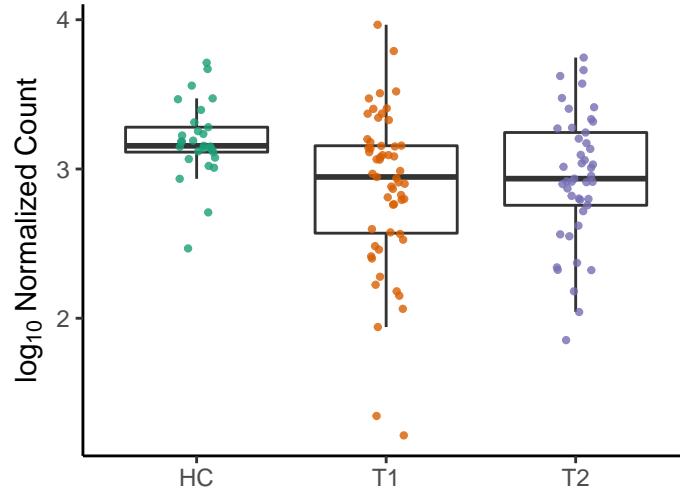
### *Aquitalea*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.005  
 T1 vs. T2 adjusted p = 0.86



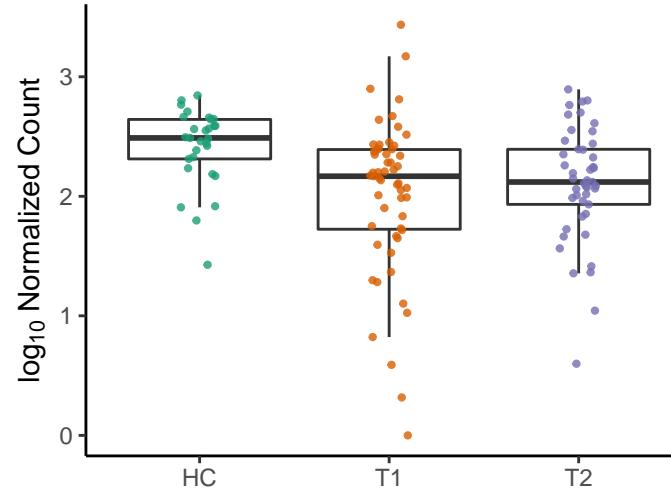
### *Caulobacter*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.79



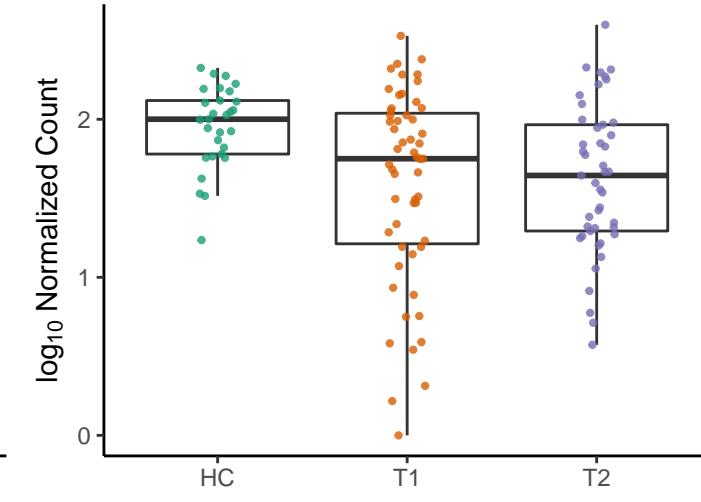
### *Rubrivivax*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.79



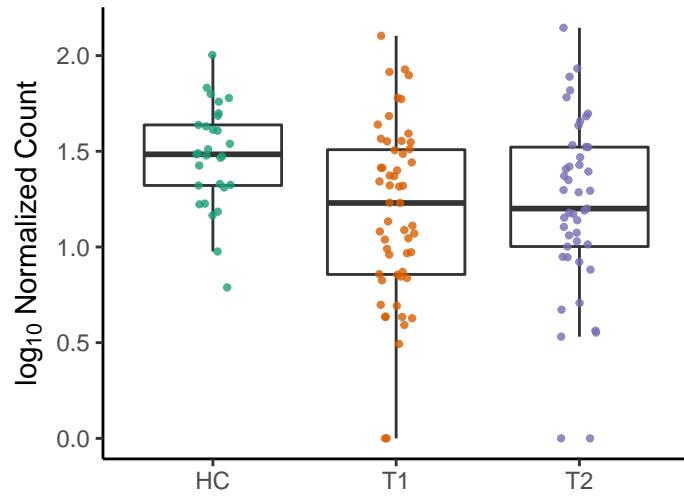
### *Sterolibacterium*

non-ED vs. T1 adjusted p = 0.0039  
 non-ED vs. T2 adjusted p = 0.0051  
 T1 vs. T2 adjusted p = 1



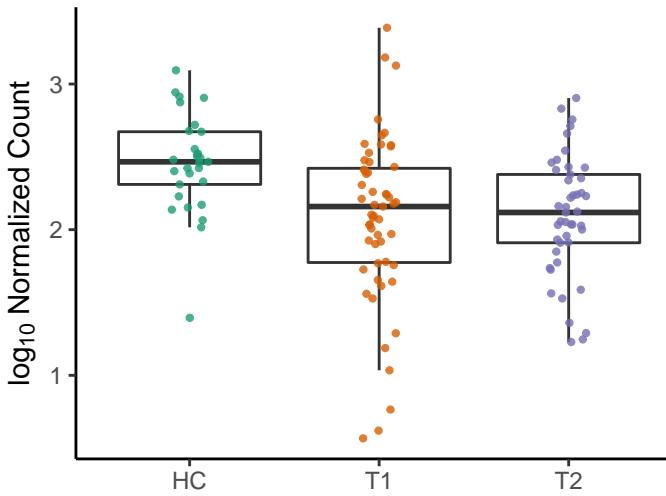
### Unclassified Spirochaetaceae Family

non-ED vs. T1 adjusted p = 0.0039  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.81



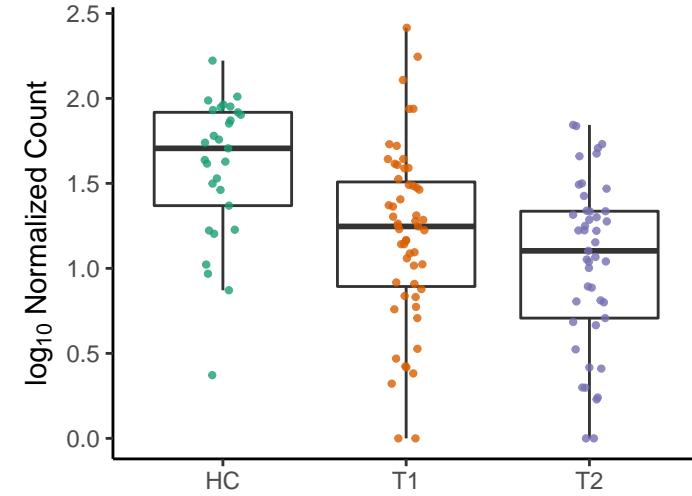
### Xylophilus

non-ED vs. T1 adjusted p = 0.0039  
non-ED vs. T2 adjusted p = 0.0038  
T1 vs. T2 adjusted p = 0.8



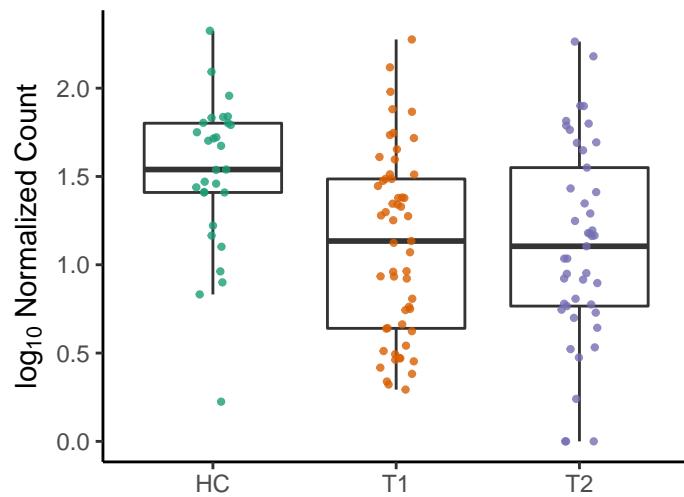
### Aliiarcobacter

non-ED vs. T1 adjusted p = 0.0039  
non-ED vs. T2 adjusted p = 0.00052  
T1 vs. T2 adjusted p = 0.79



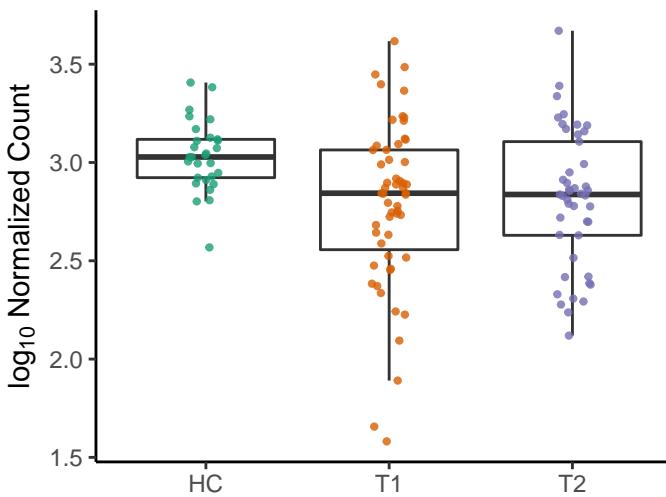
### Candidatus Phycorickettsia

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.92



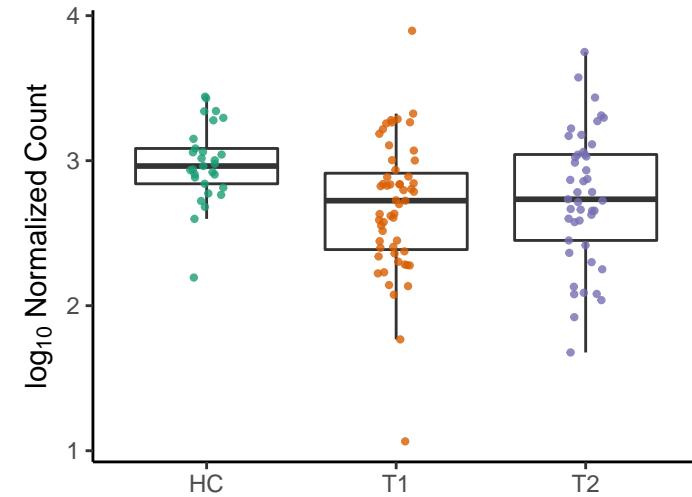
### Pelobacter

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0083  
T1 vs. T2 adjusted p = 0.8



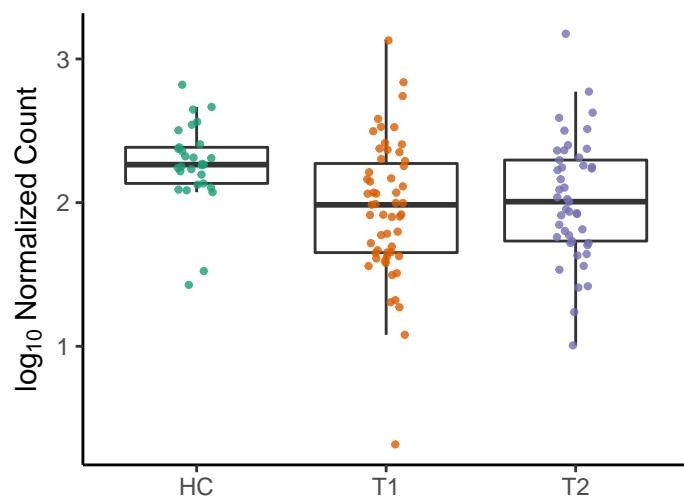
### Unclassified Microbacteriaceae Family

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



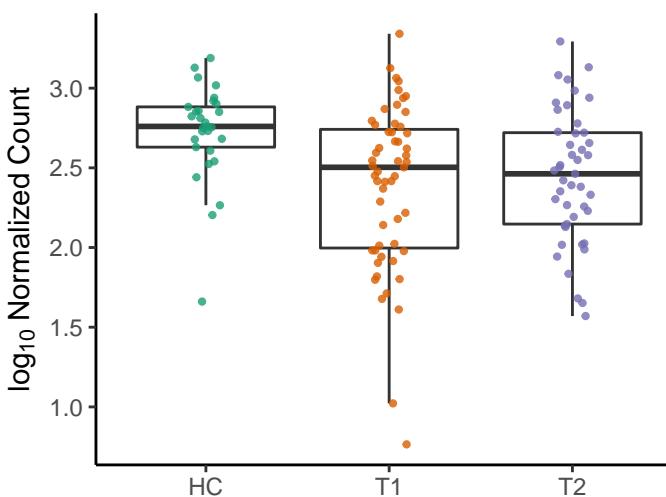
### Ktedonosporobacter

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



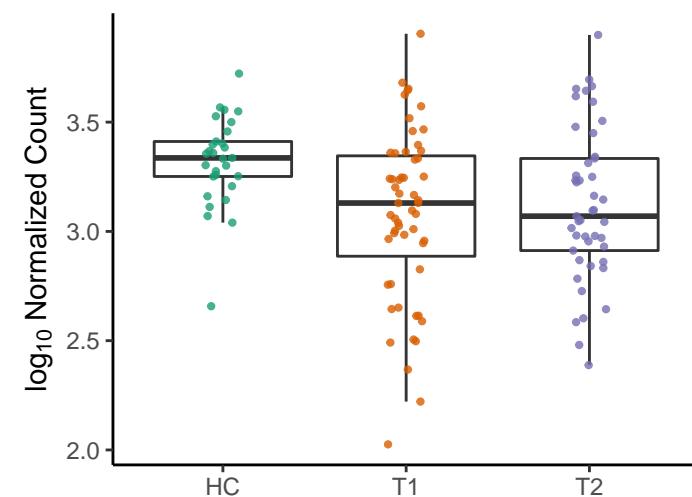
### Phreatobacter

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



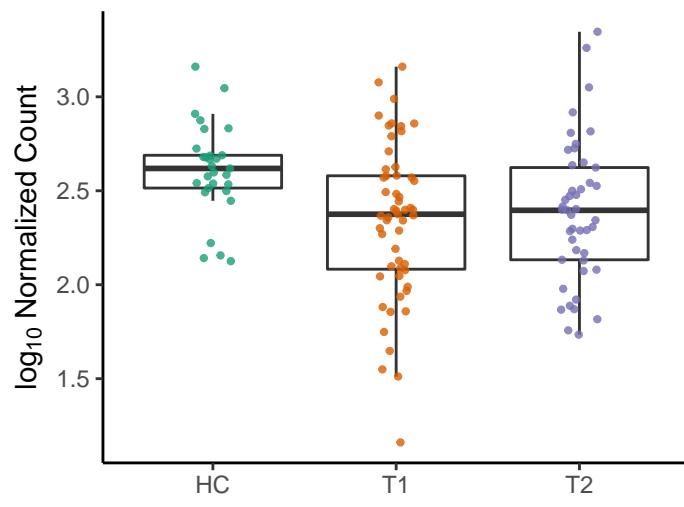
### Unclassified Betaproteobacteria Class

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



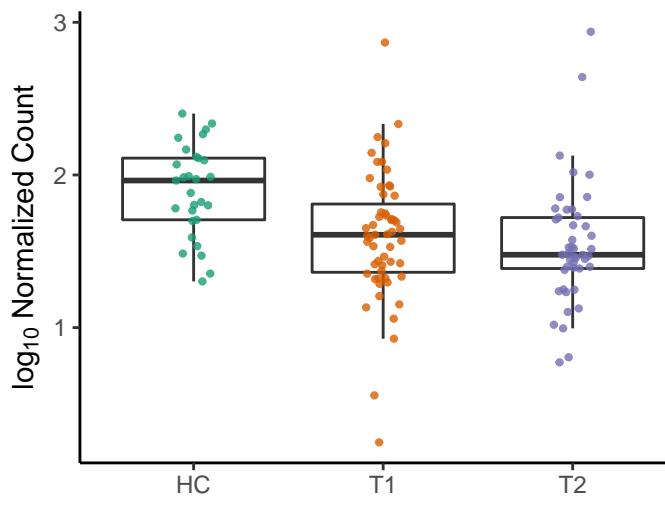
### Fibrobacter

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



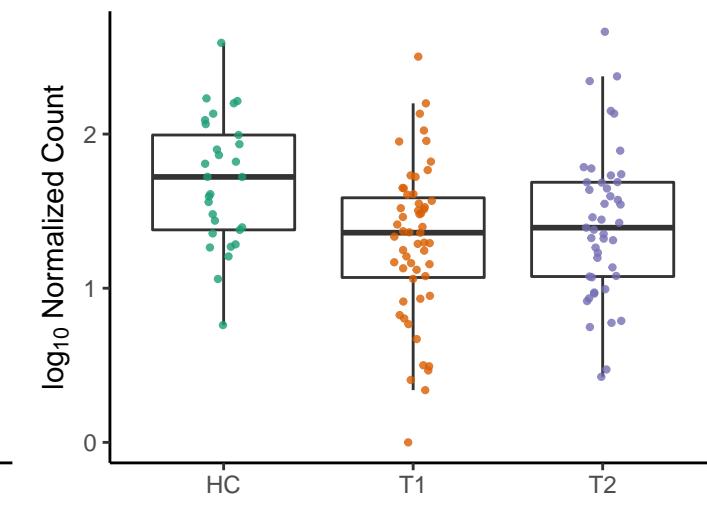
### Scheffersomyces

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0027  
T1 vs. T2 adjusted p = 0.79



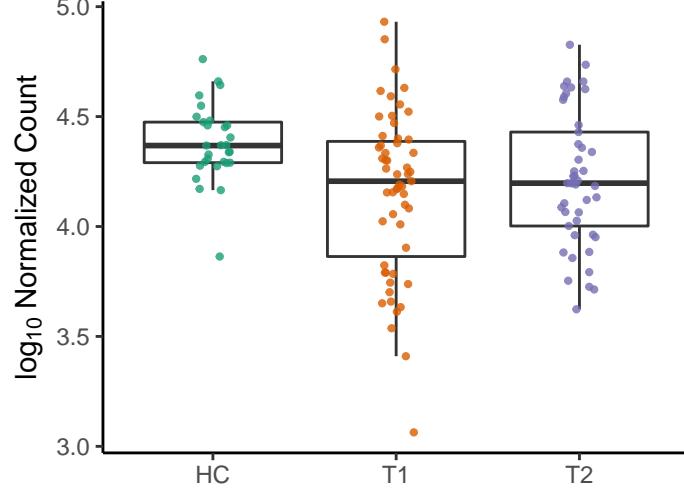
### Mycoavidus

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.79



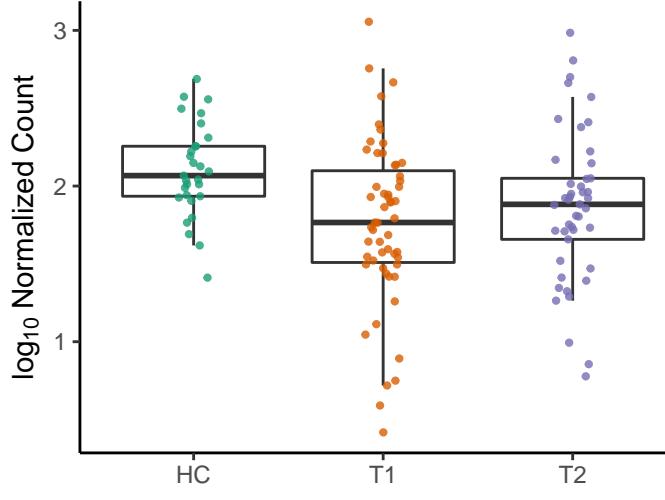
### Pseudomonas

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



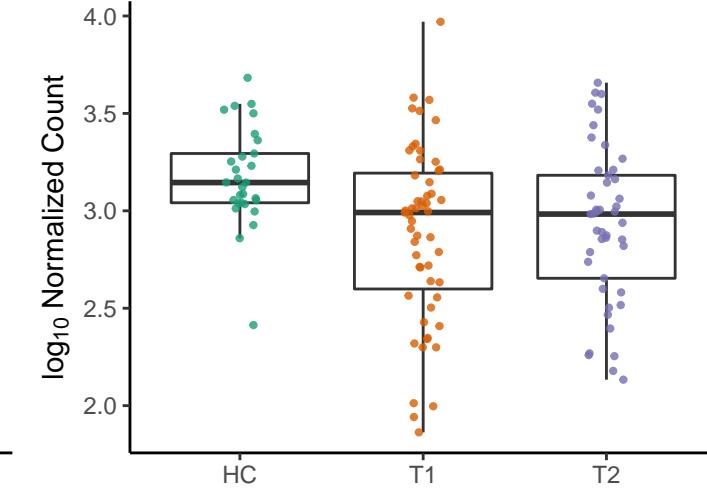
### Aureimonas

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



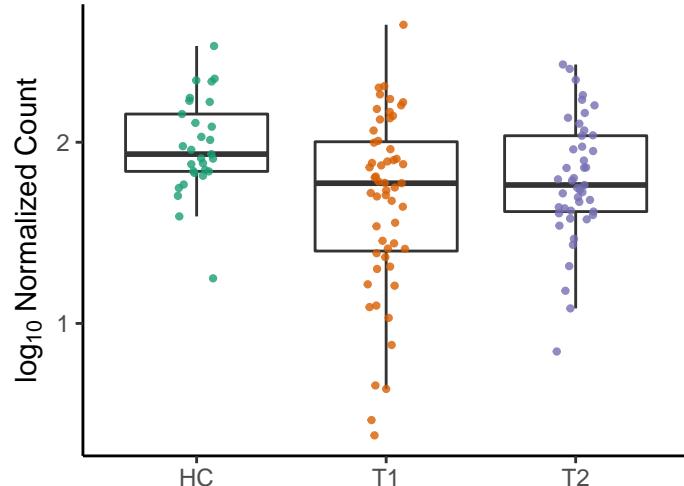
### Acidovorax

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



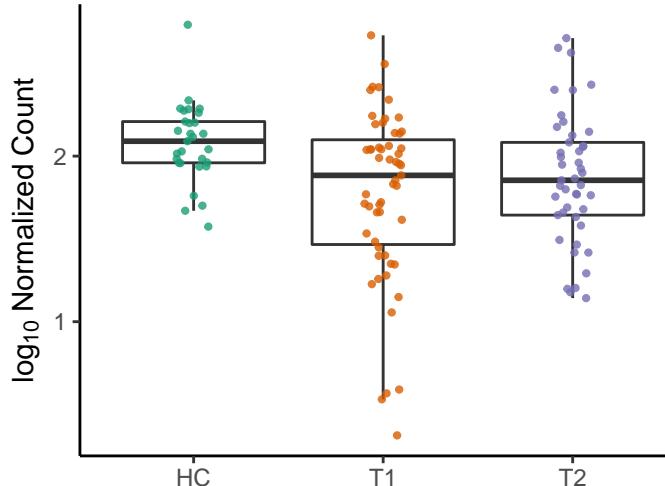
### Archaeoglobus

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



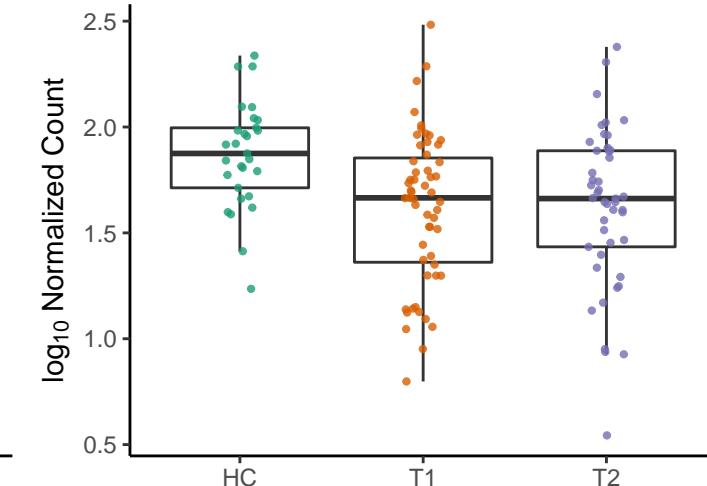
### Desulfohalobium

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.79



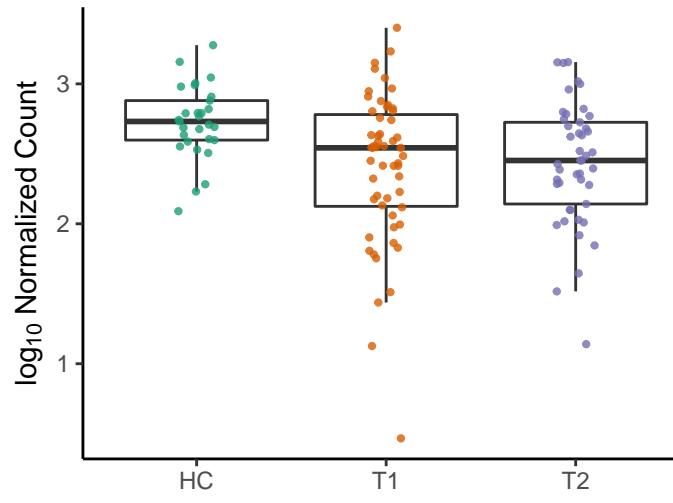
### Gallionella

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.82



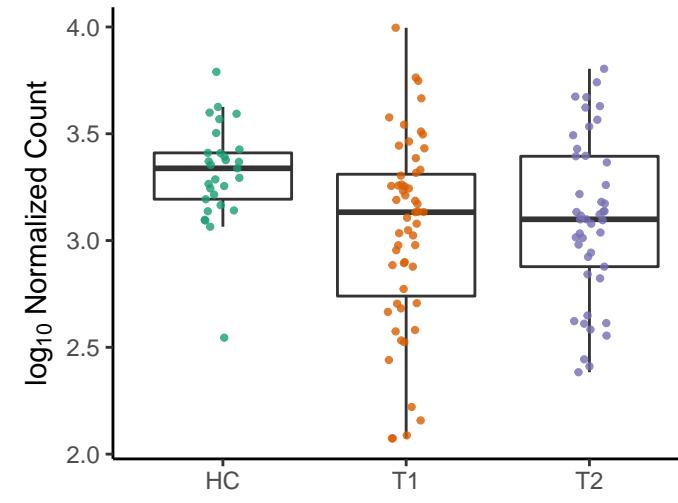
### Opitutus

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.8



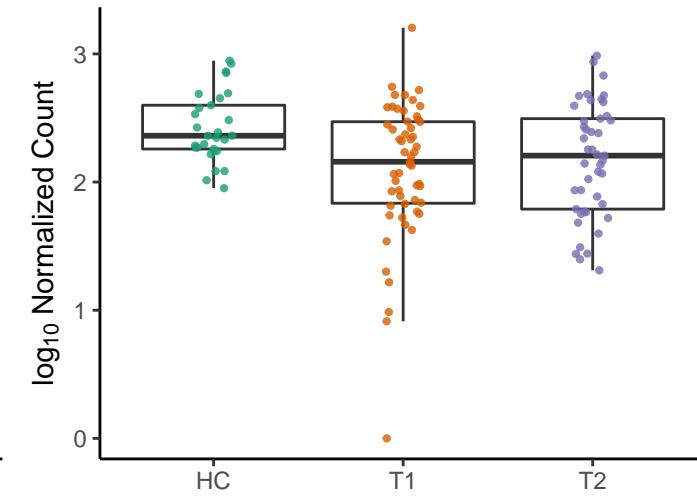
### Paracoccus

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



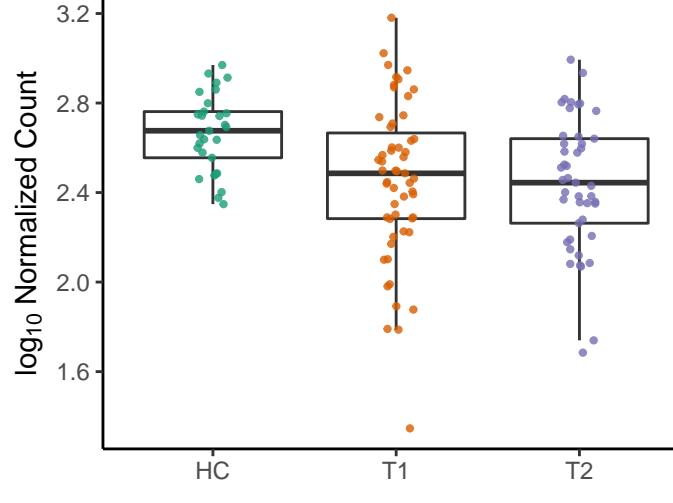
### Plantibacter

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



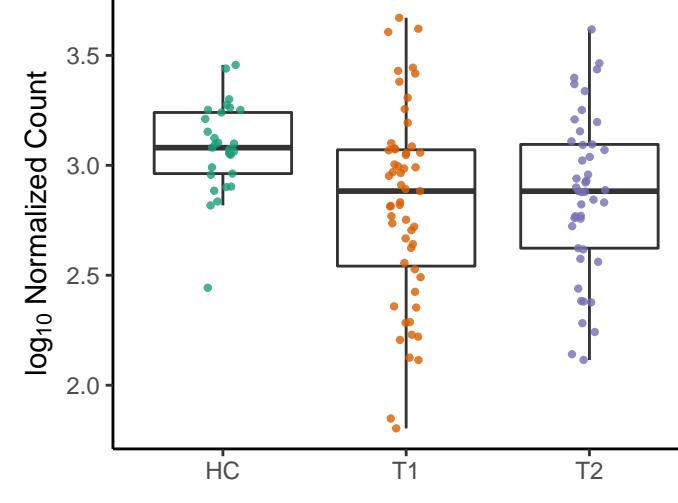
### Prosthecochloris

non-ED vs. T1 adjusted p = 0.004  
non-ED vs. T2 adjusted p = 0.0033  
T1 vs. T2 adjusted p = 0.98



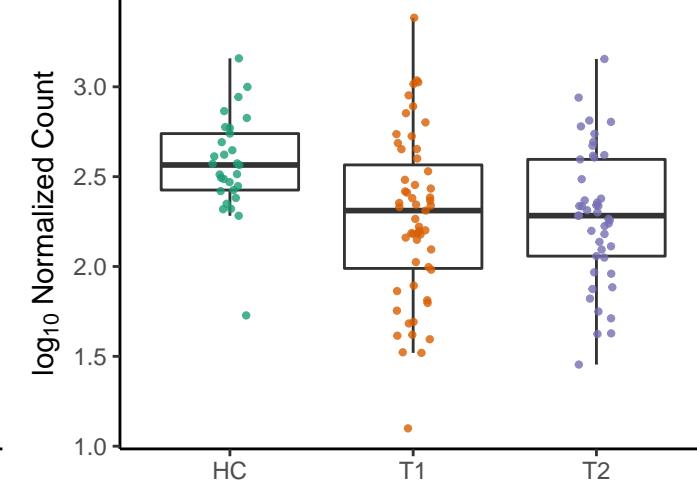
### Chromobacterium

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



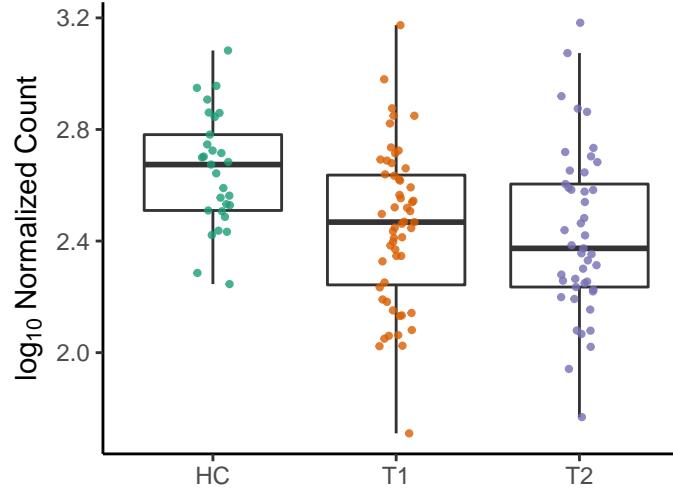
### Dyella

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0053  
T1 vs. T2 adjusted p = 0.85



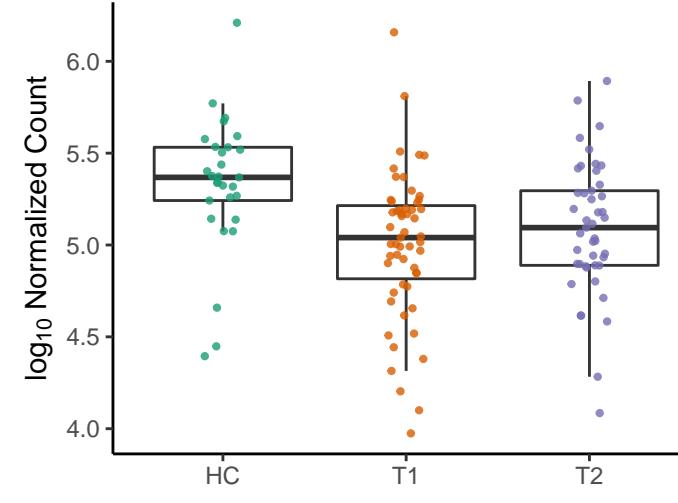
### Psychrobacter

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.9



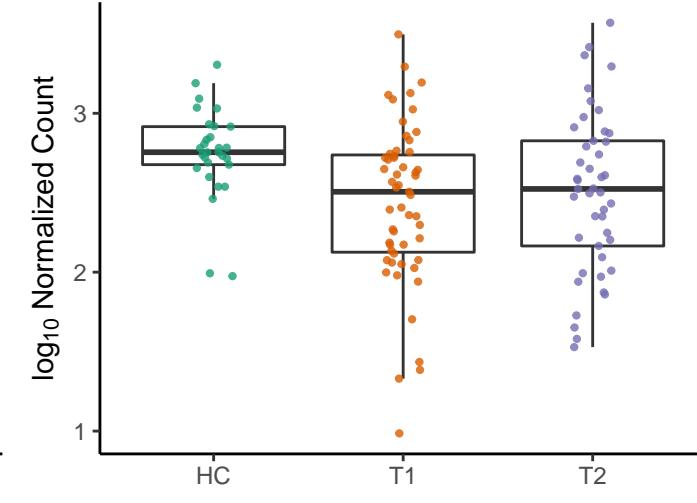
### Roseburia

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



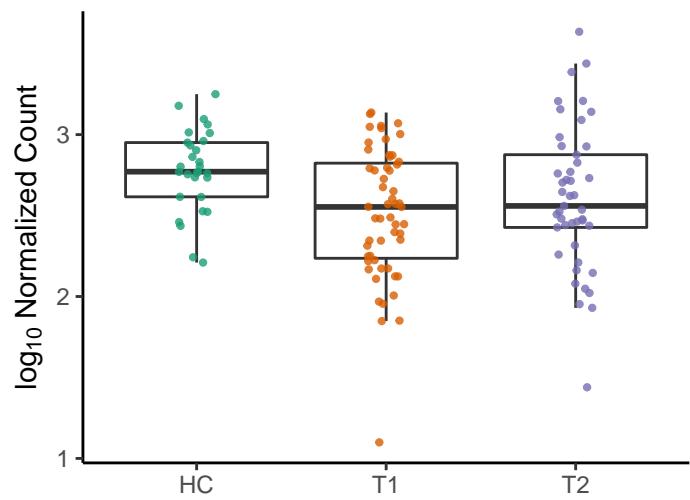
### Jiangella

non-ED vs. T1 adjusted p = 0.0041  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



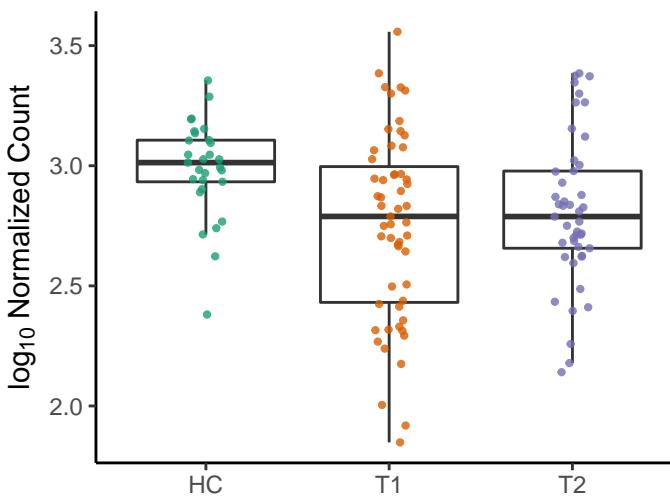
### *Thermobacillus*

non-ED vs. T1 adjusted p = 0.0041  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.79



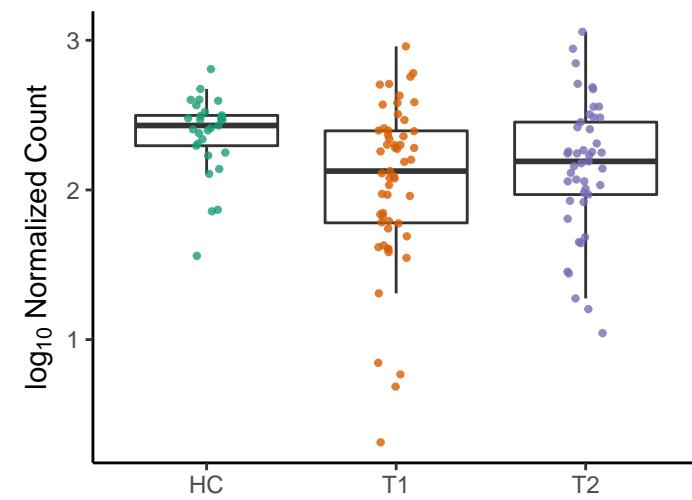
### *Herbaspirillum*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.79



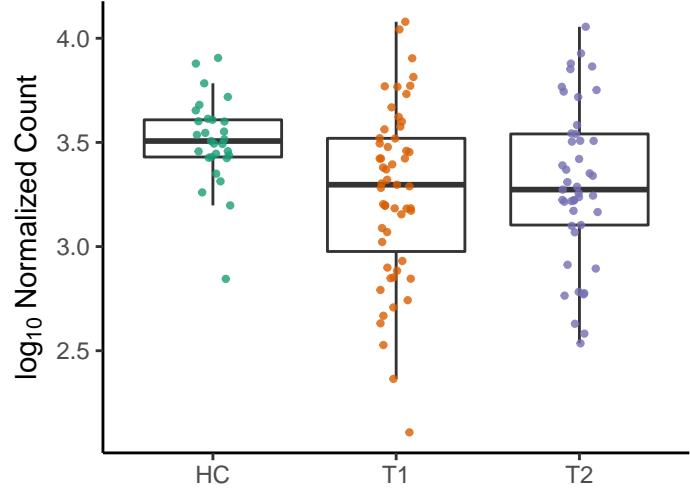
### Unclassified Sterolibacteriaceae Family

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



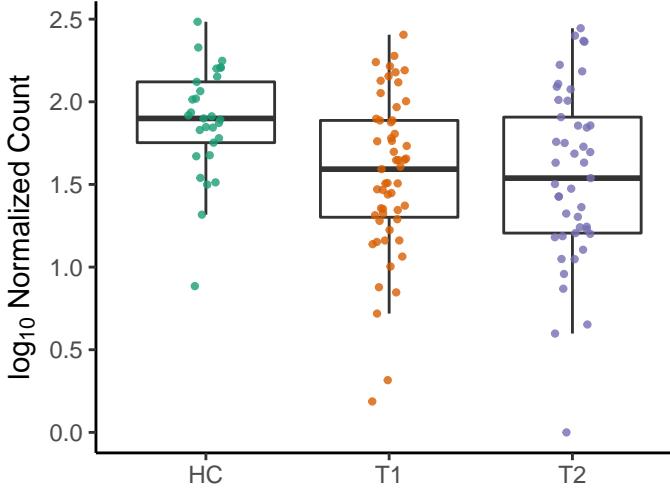
### *Cupriavidus*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.79



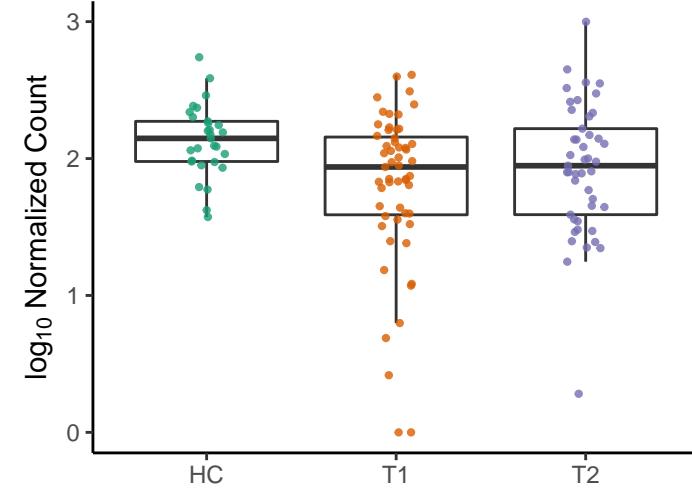
### *Lachancea*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.98



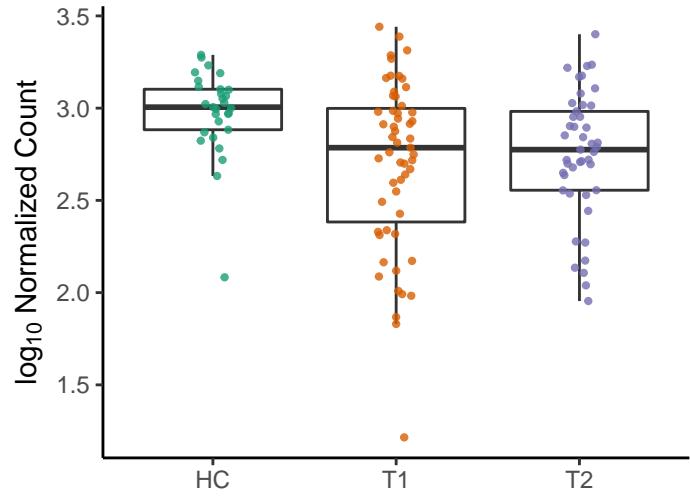
### *Leptothrix*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.043  
 T1 vs. T2 adjusted p = 0.79



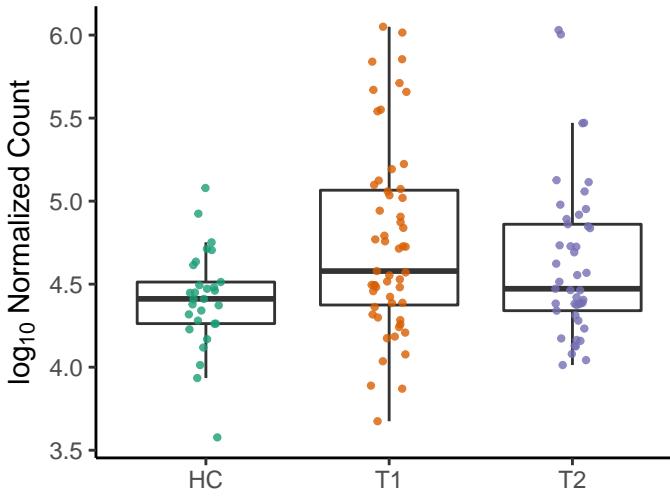
### *Novosphingobium*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0098  
 T1 vs. T2 adjusted p = 0.79



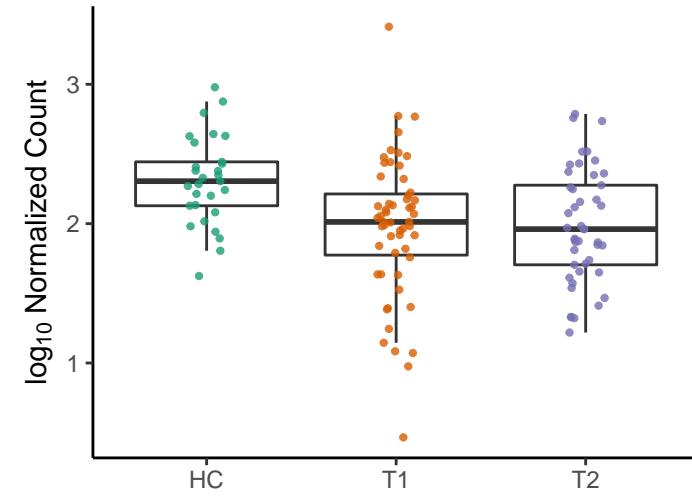
### *Enterocloster*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 0.79



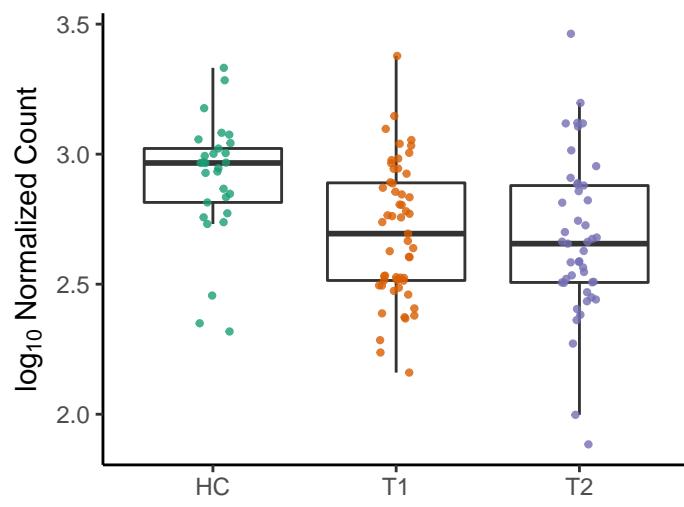
### *Orrella*

non-ED vs. T1 adjusted p = 0.0042  
 non-ED vs. T2 adjusted p = 0.0051  
 T1 vs. T2 adjusted p = 0.8



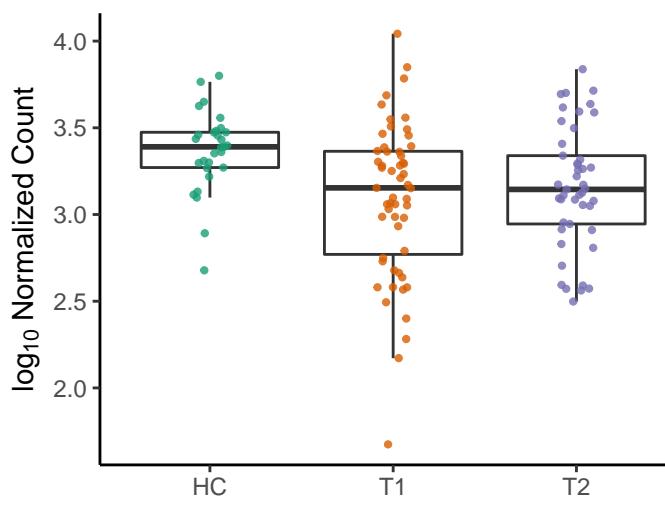
### Aerococcus

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.97



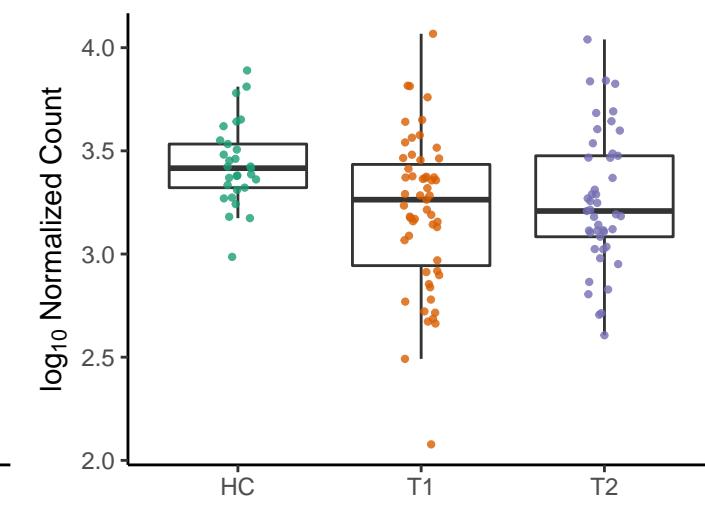
### Massilia

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



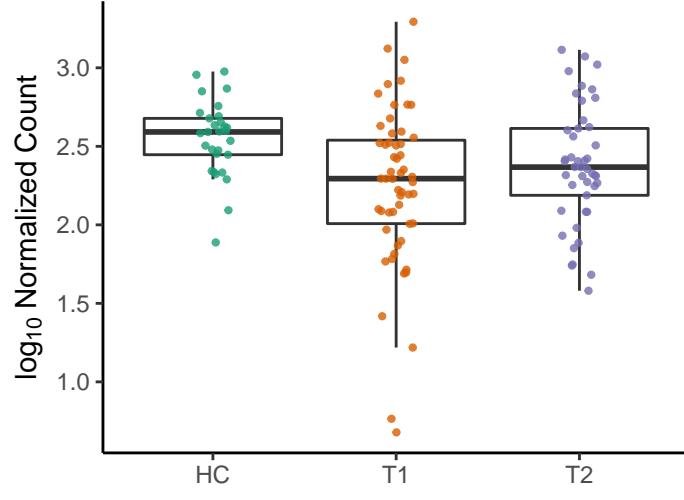
### Paraburkholderia

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.79



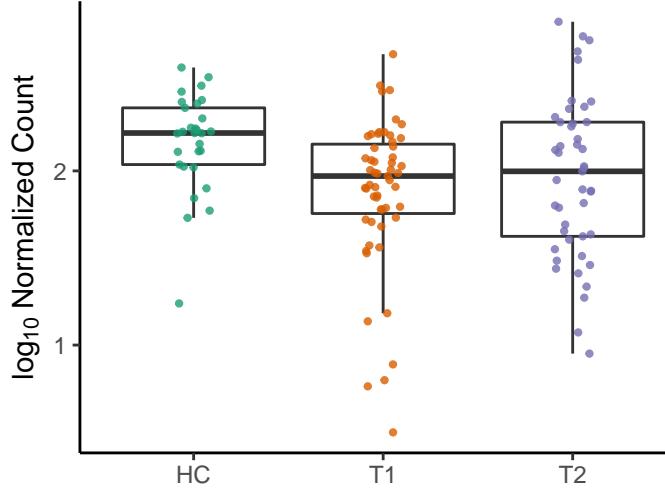
### Pigmentiphaga

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



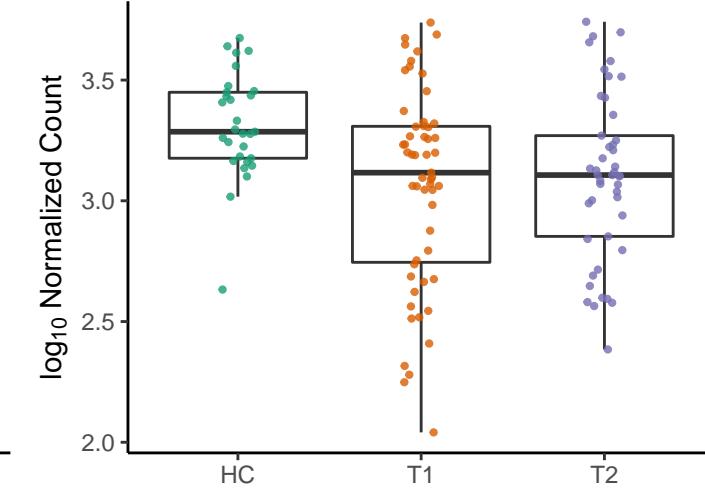
### Planctopirus

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.79



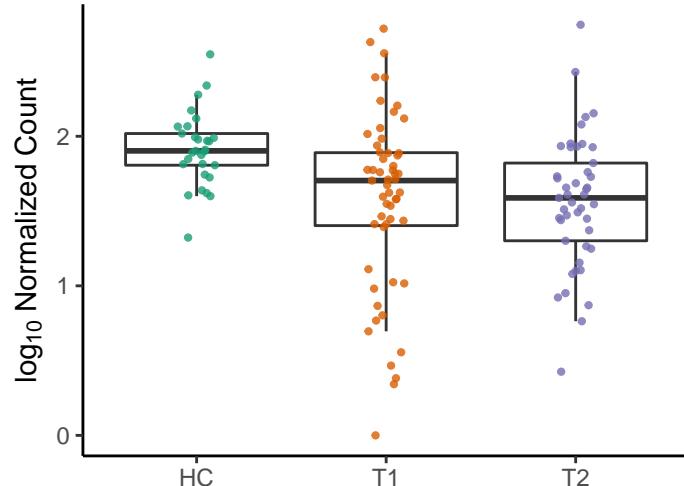
### Sphingobium

non-ED vs. T1 adjusted p = 0.0042  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



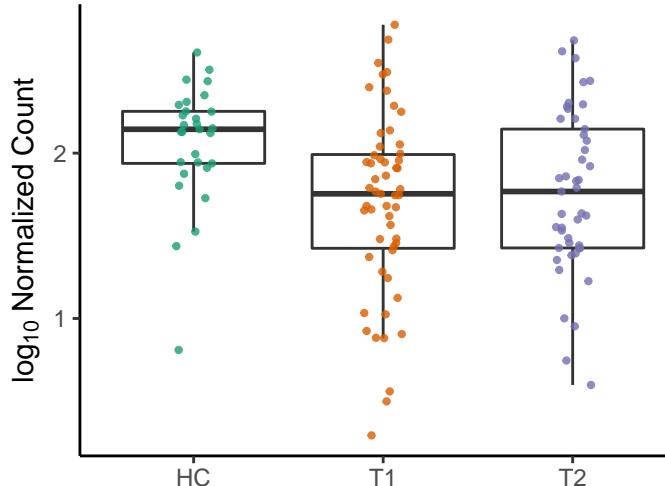
### Asaia

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.0026  
T1 vs. T2 adjusted p = 1



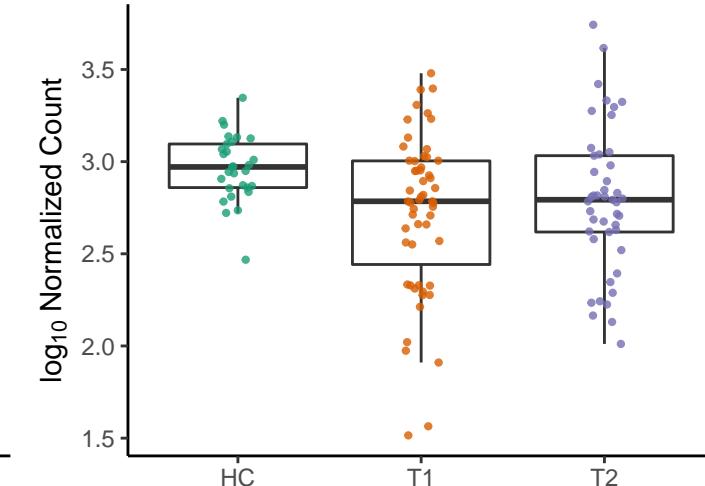
### Unclassified Hungateiclostridiaceae Fam

non-ED vs. T1 adjusted p = 0.0043  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



### Bosea

non-ED vs. T1 adjusted p = 0.0044  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.79

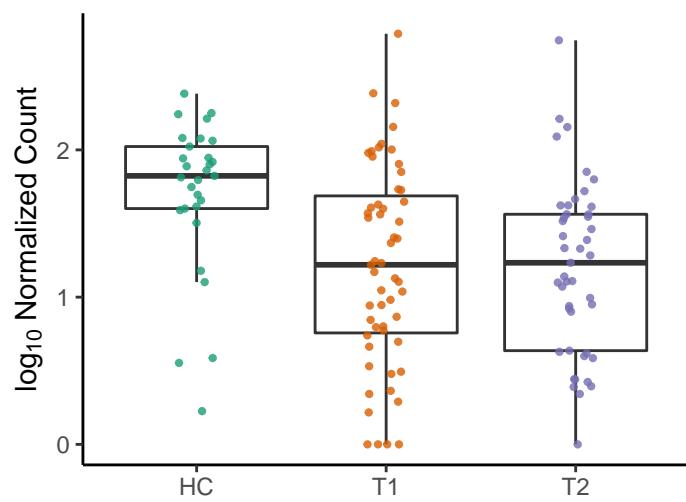


### Unclassified Acidobacteria Phylum

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.0055

T1 vs. T2 adjusted p = 1

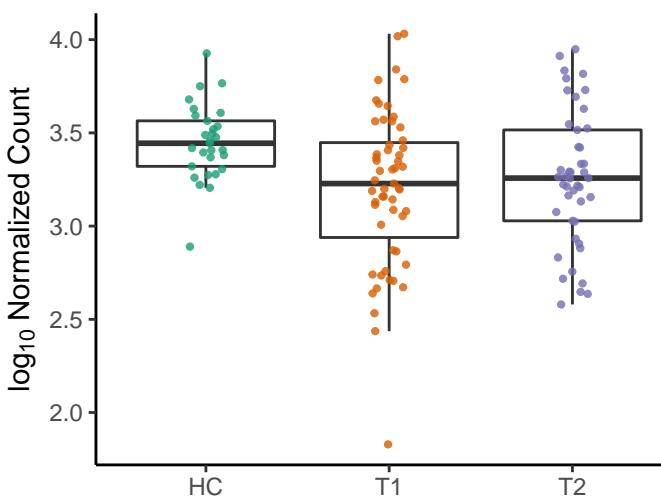


### *Stenotrophomonas*

non-ED vs. T1 adjusted p = 0.0044

non-ED vs. T2 adjusted p = 0.018

T1 vs. T2 adjusted p = 0.79

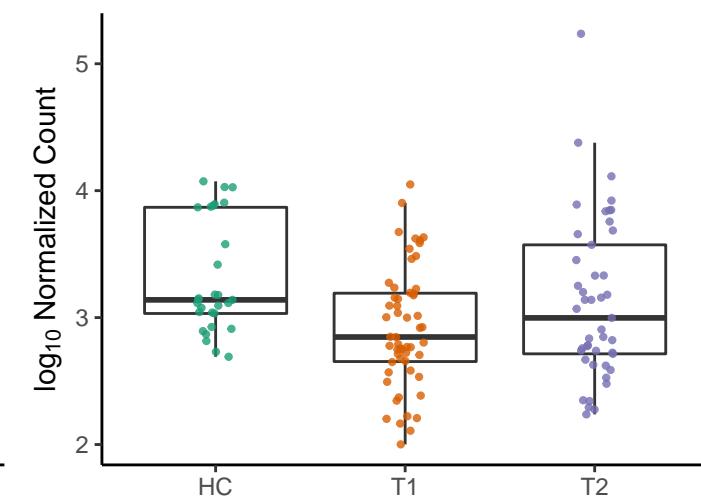


### *Dialister*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.21

T1 vs. T2 adjusted p = 0.79

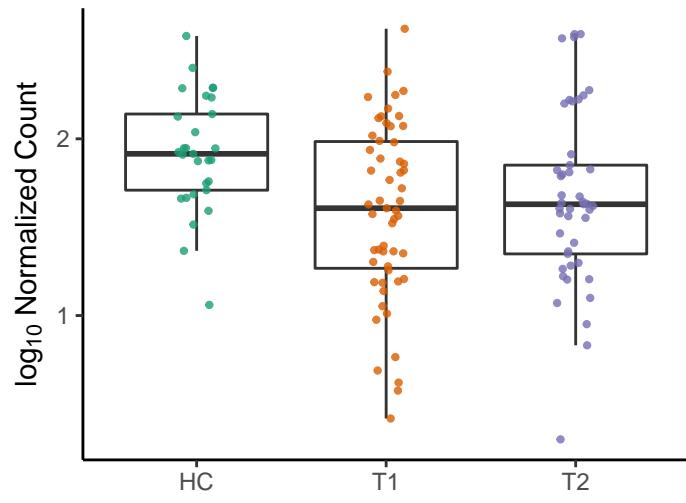


### *Natronomonas*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.027

T1 vs. T2 adjusted p = 0.79

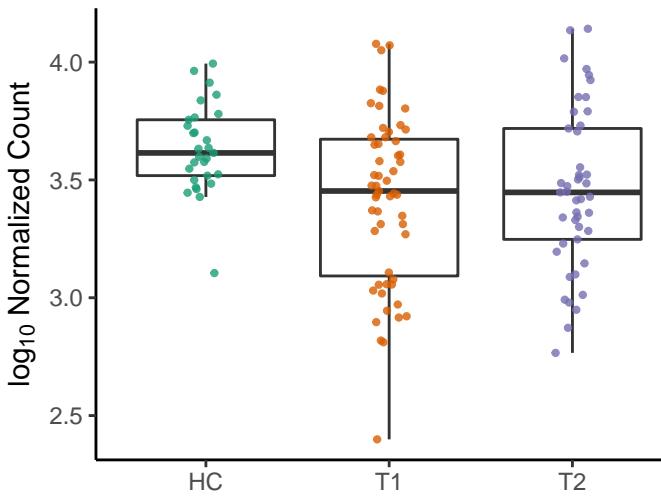


### *Rhizobium*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.022

T1 vs. T2 adjusted p = 0.79

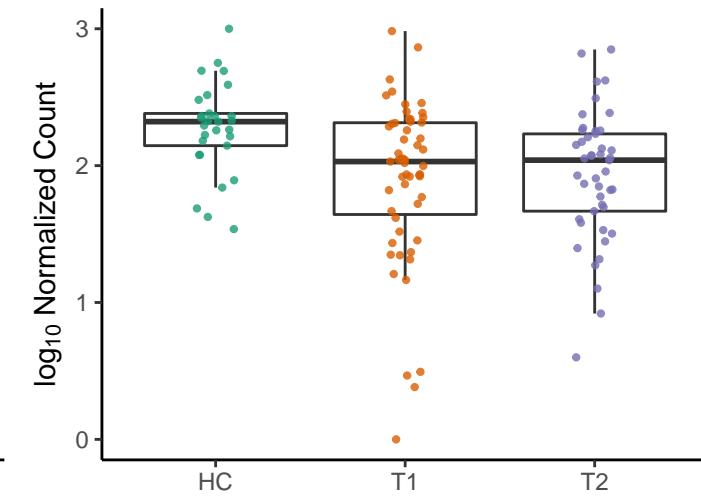


### *Alkalilimnicola*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.0071

T1 vs. T2 adjusted p = 0.79

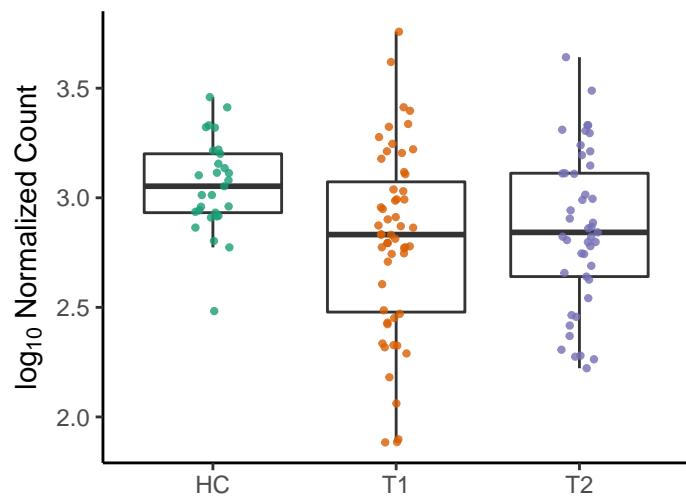


### *Azoarcus*

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.017

T1 vs. T2 adjusted p = 0.79

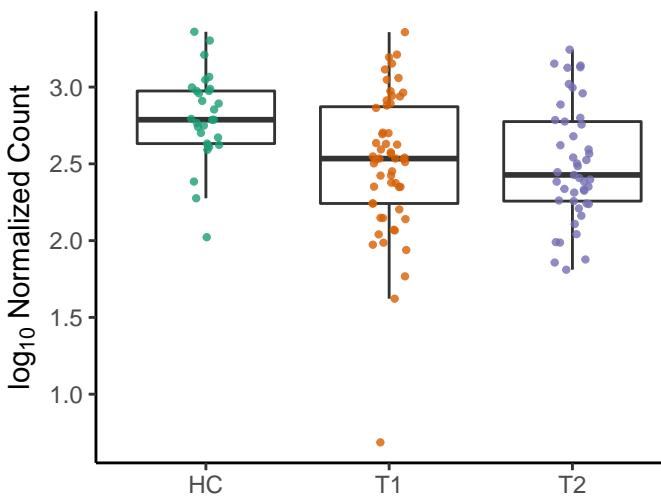


### Unclassified Candidatus Saccharibacte

non-ED vs. T1 adjusted p = 0.0045

non-ED vs. T2 adjusted p = 0.0048

T1 vs. T2 adjusted p = 0.93

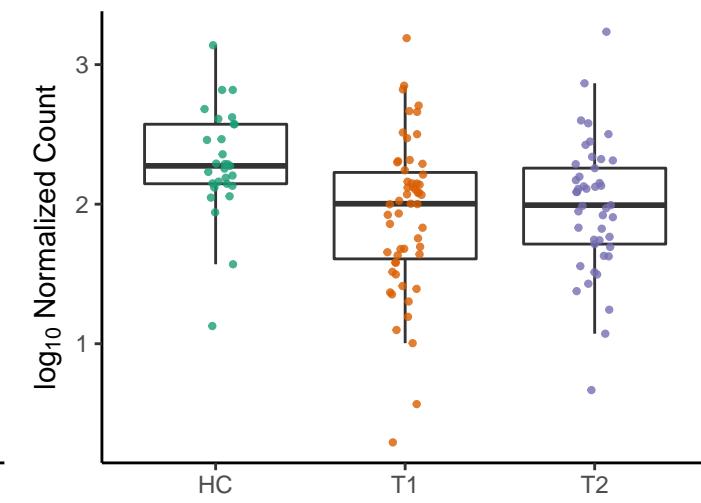


### *Rhodomicrobium*

non-ED vs. T1 adjusted p = 0.0045

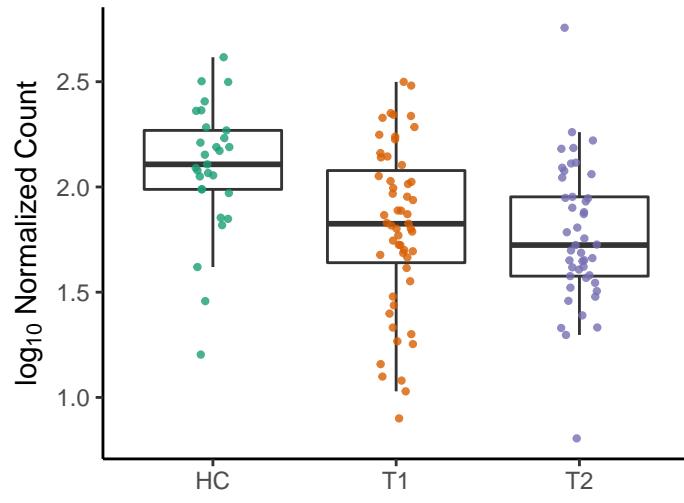
non-ED vs. T2 adjusted p = 0.014

T1 vs. T2 adjusted p = 0.82



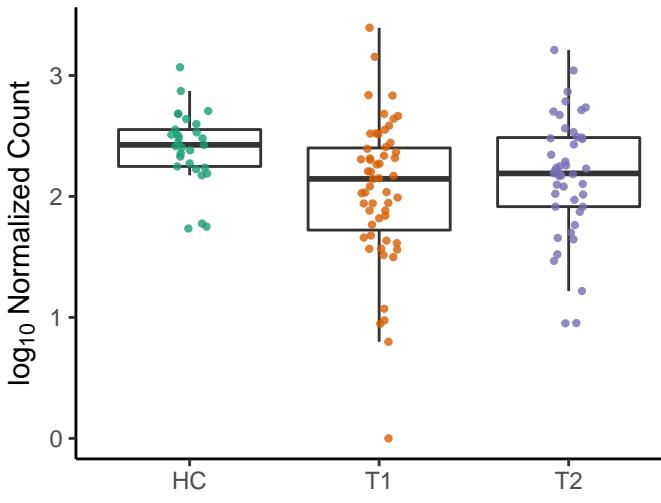
### Hydrogenovibrio

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.85



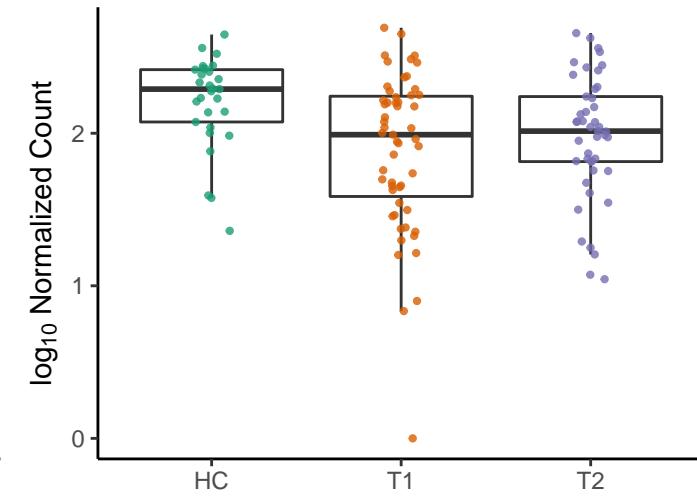
### Serpentinimonas

non-ED vs. T1 adjusted p = 0.0045  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



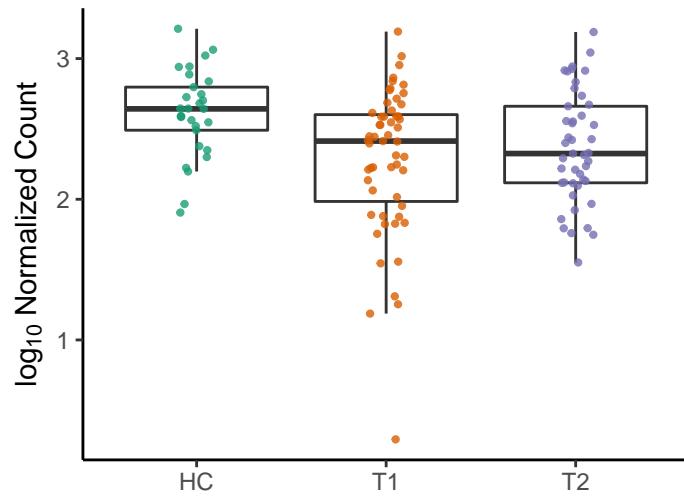
### Azorhizobium

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



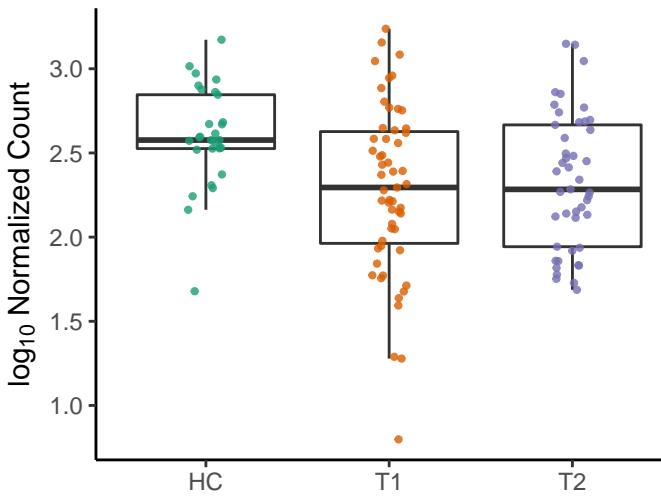
### Cryobacterium

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



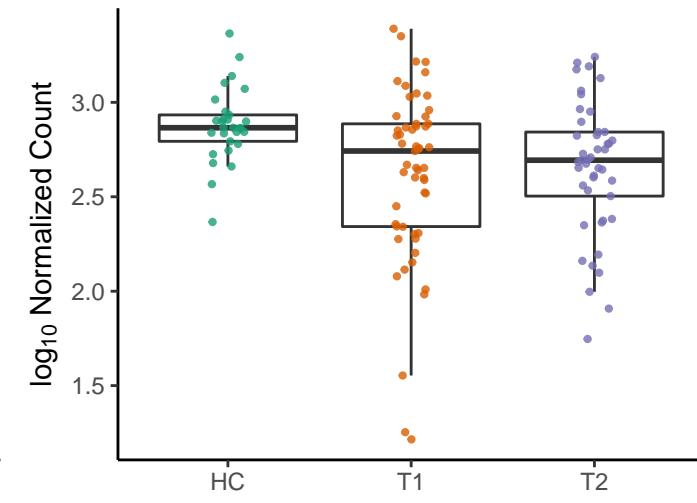
### Unclassified Opitutaceae Family

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.8



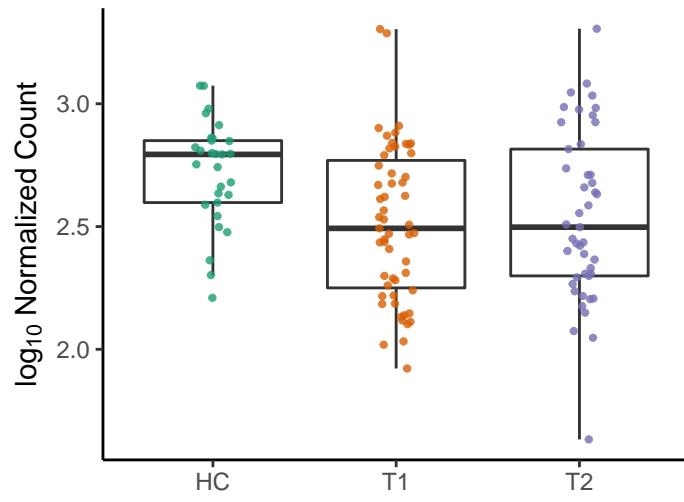
### Magnetospirillum

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.8



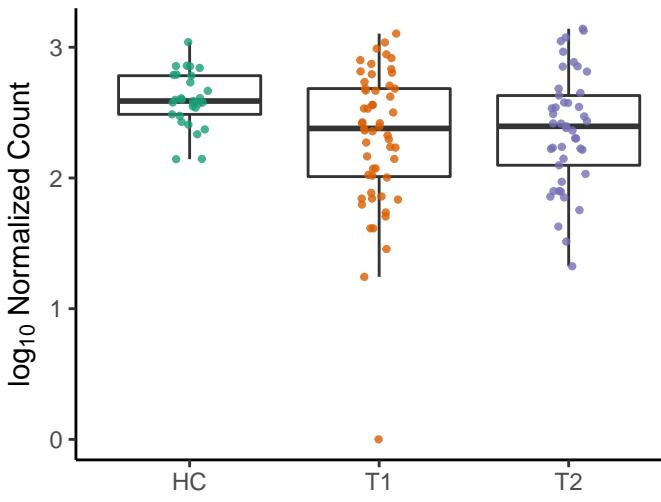
### Polynucleobacter

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.91



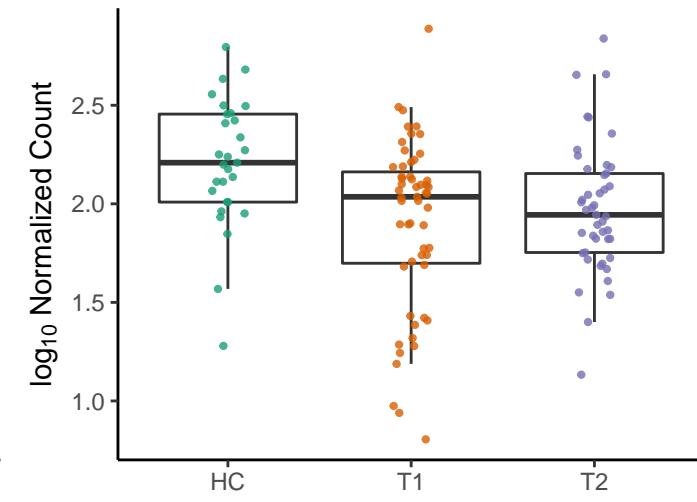
### Unclassified Sphingomonadales Order

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



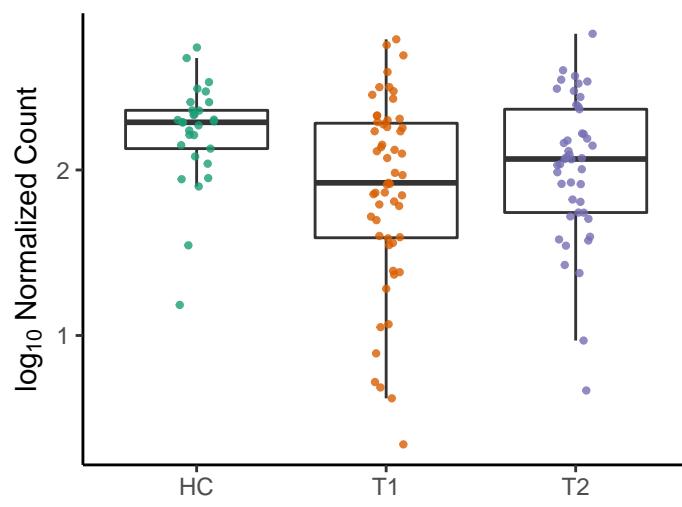
### Vitreoscilla

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.8



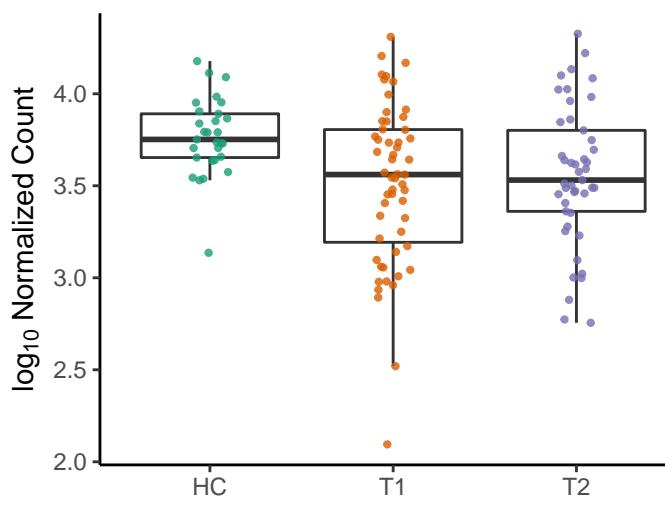
### Laribacter

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



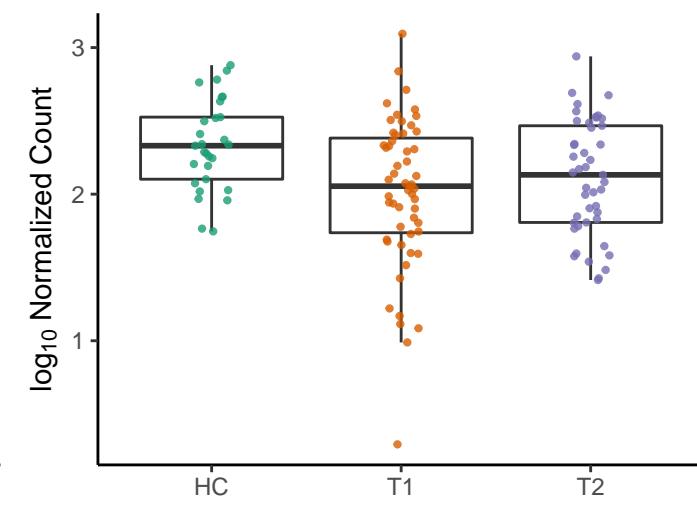
### Unclassified Alphaproteobacteria Class

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



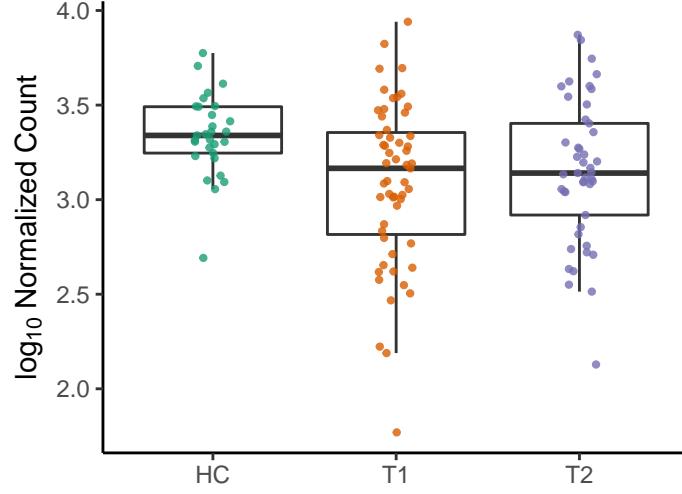
### Ruania

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



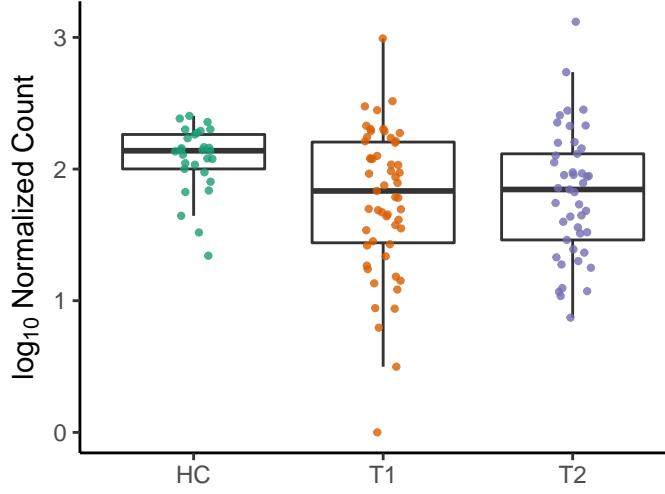
### Achromobacter

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



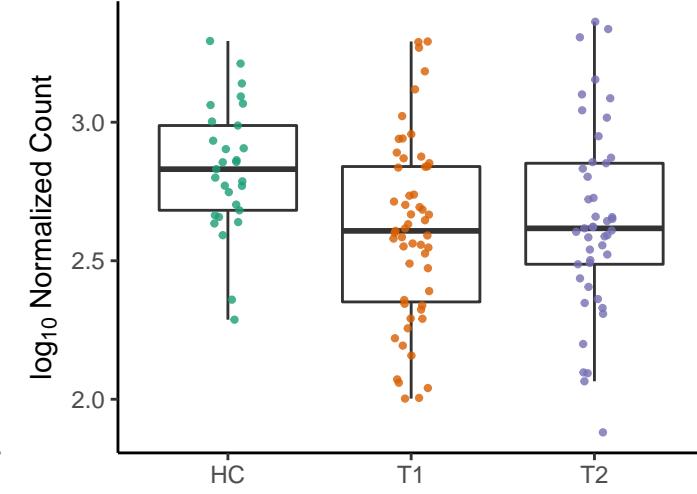
### Pelagibacterium

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.85



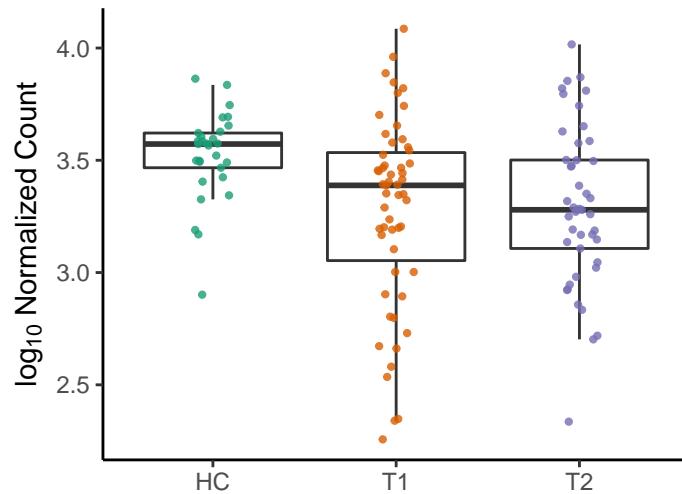
### Phaeobacter

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



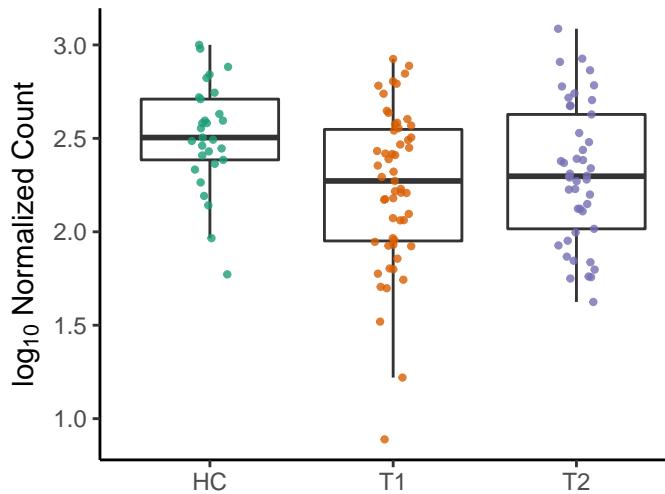
### Unclassified Burkholderiales Order

non-ED vs. T1 adjusted p = 0.0046  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



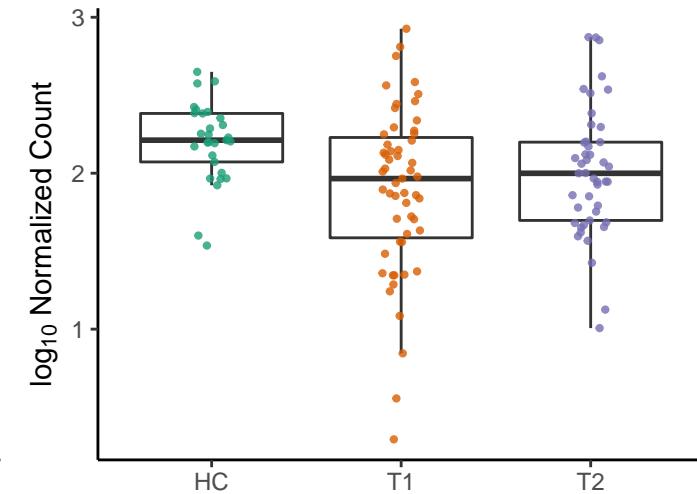
### Candidatus Solibacter

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



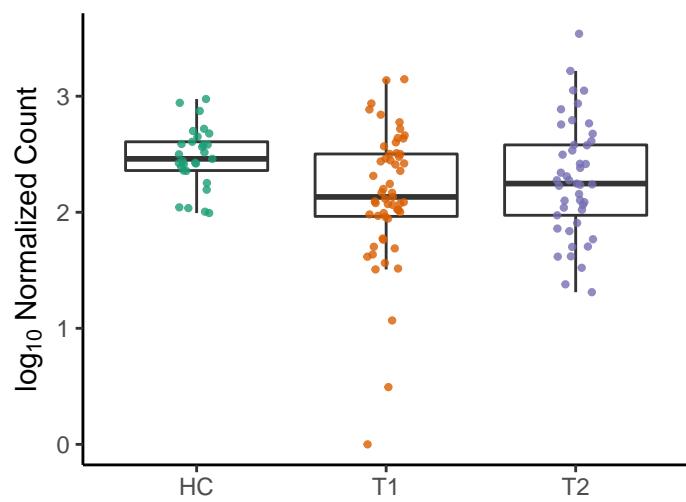
### Methylocella

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



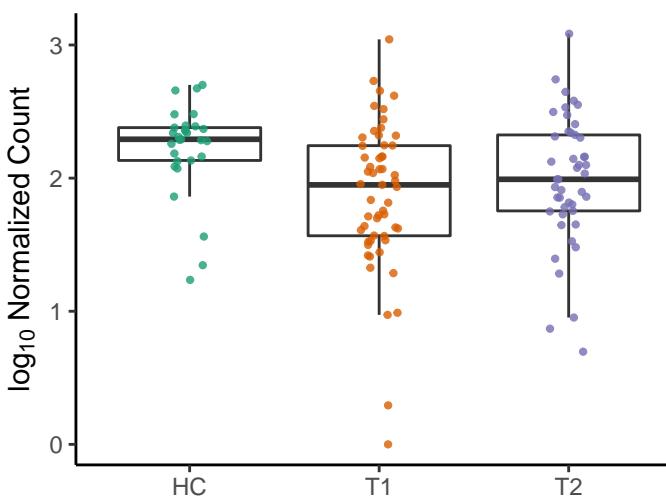
### Catenulispora

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.79



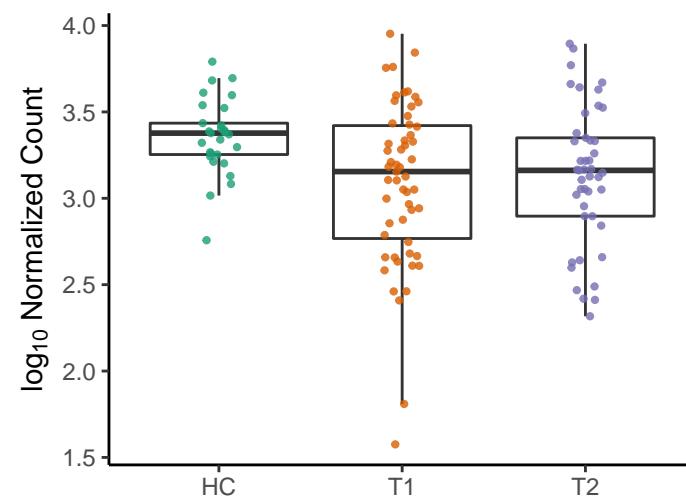
### Hylemonella

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.79



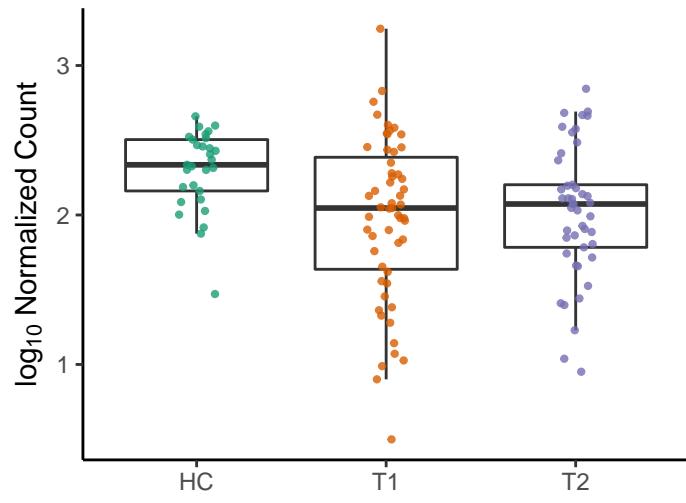
### Methylobacterium

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



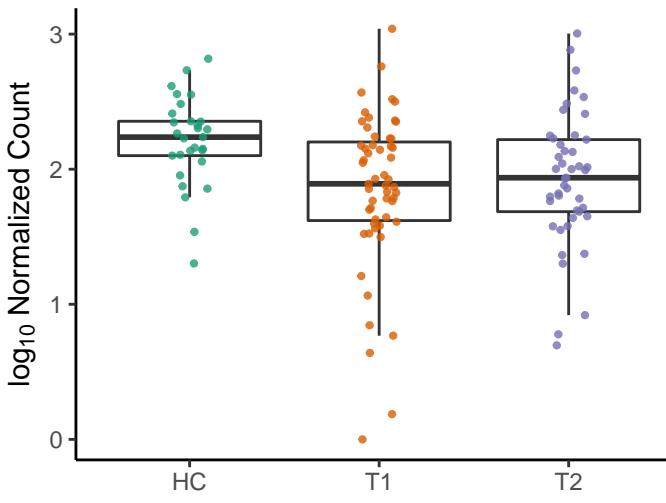
### Mitsuaria

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.8



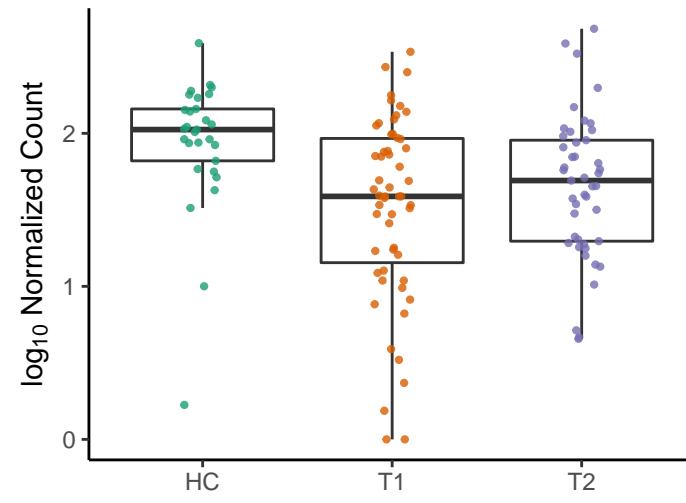
### Paucibacter

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



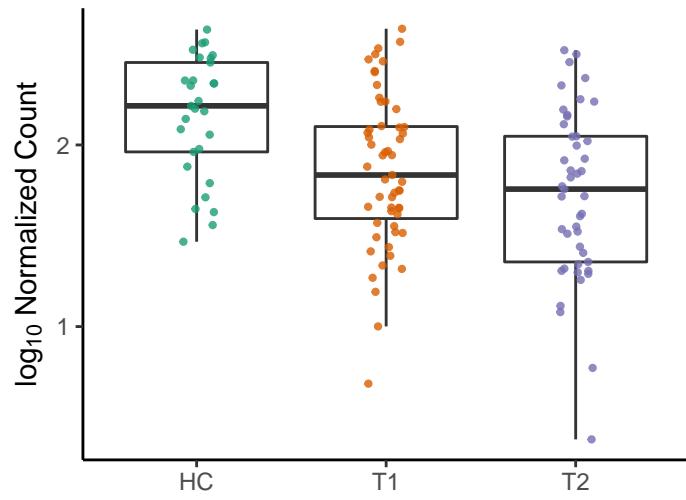
### Unclassified Chlorobiaceae Family

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.79



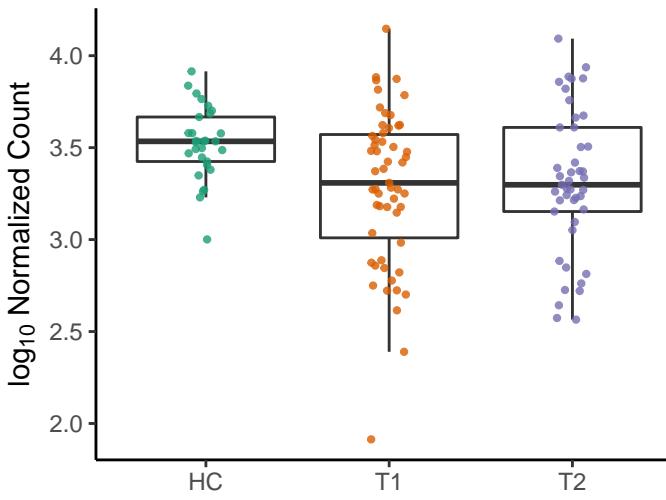
### Ehrlichia

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.0021  
T1 vs. T2 adjusted p = 0.79



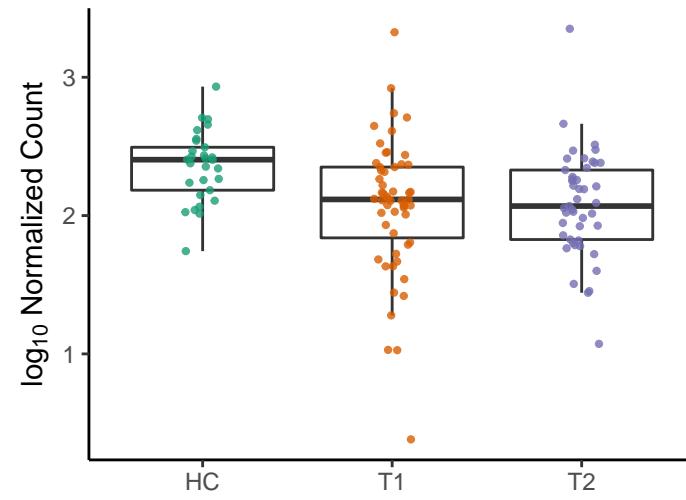
### Sphingomonas

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



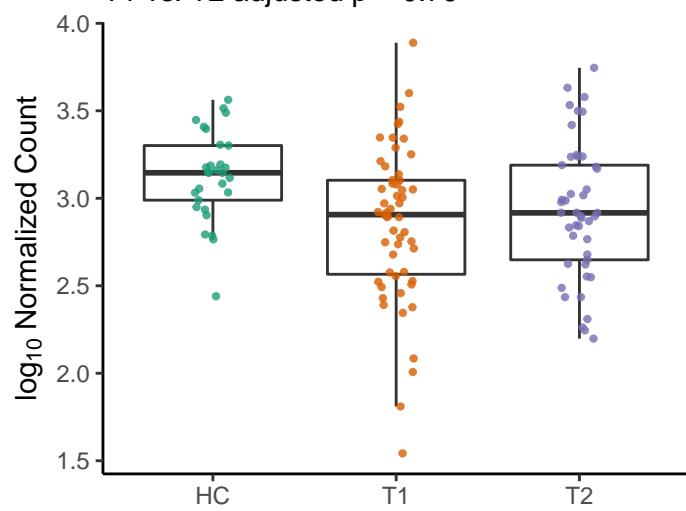
### Brucella

non-ED vs. T1 adjusted p = 0.0047  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.8



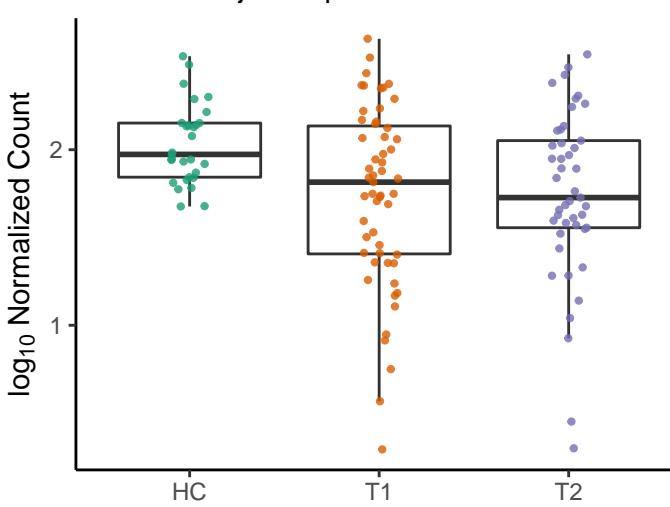
### Gordonia

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.79



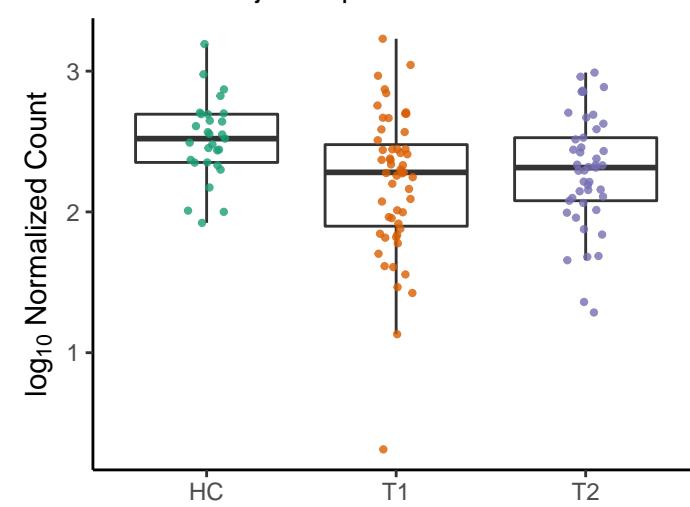
### Sinimarinibacterium

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.9



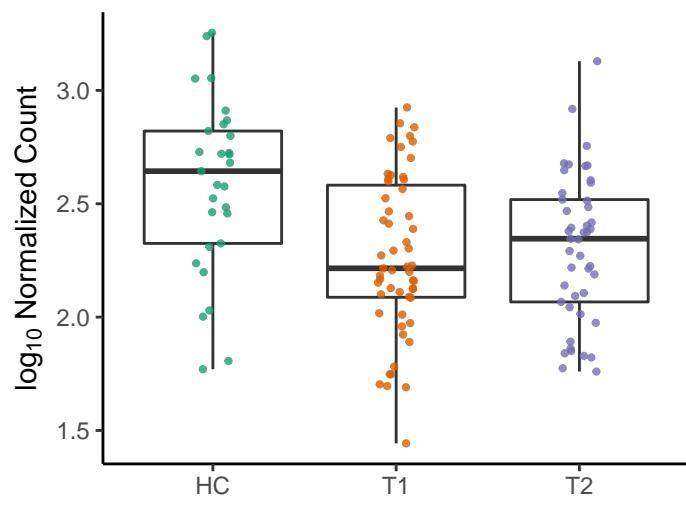
### Spiribacter

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



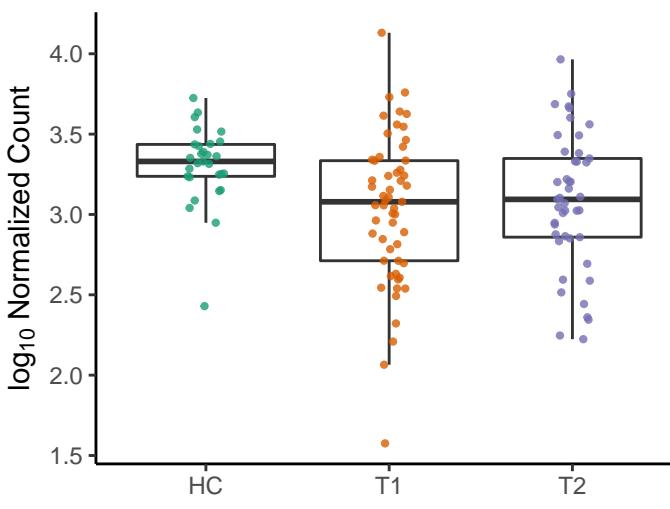
### Unclassified Negativicutes Class

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



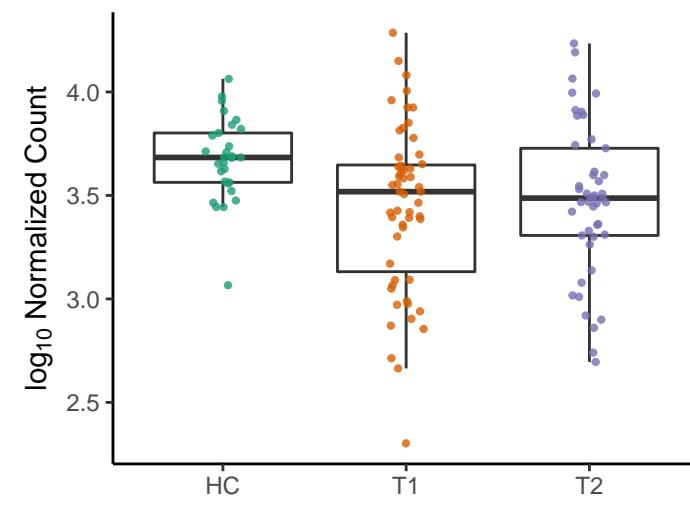
### Actinoplanes

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



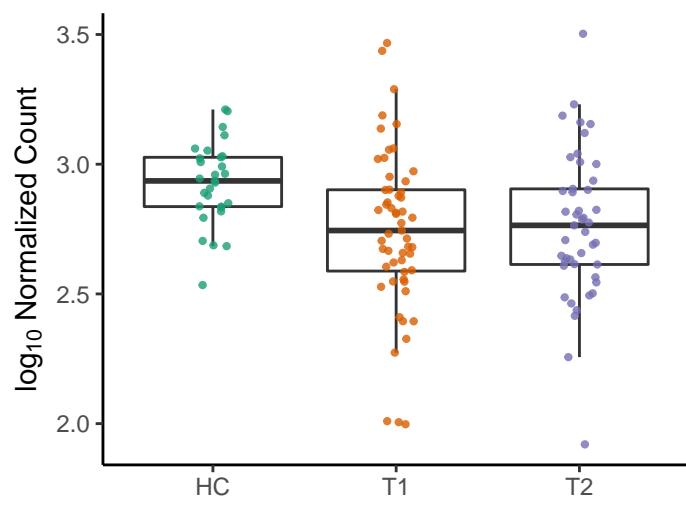
### Bradyrhizobium

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



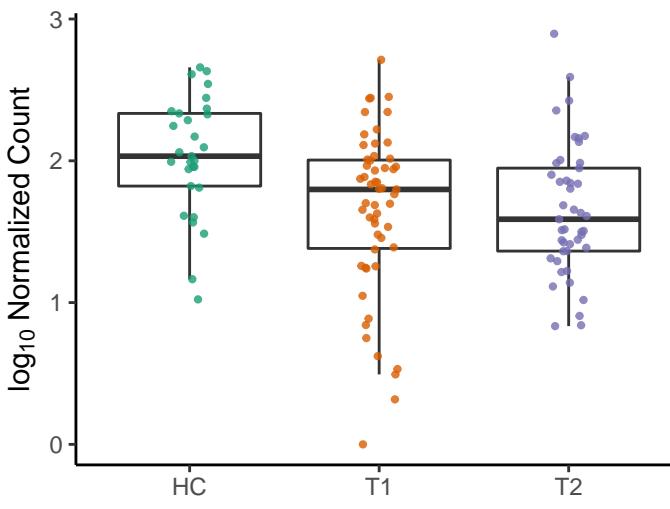
### Exiguobacterium

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.82



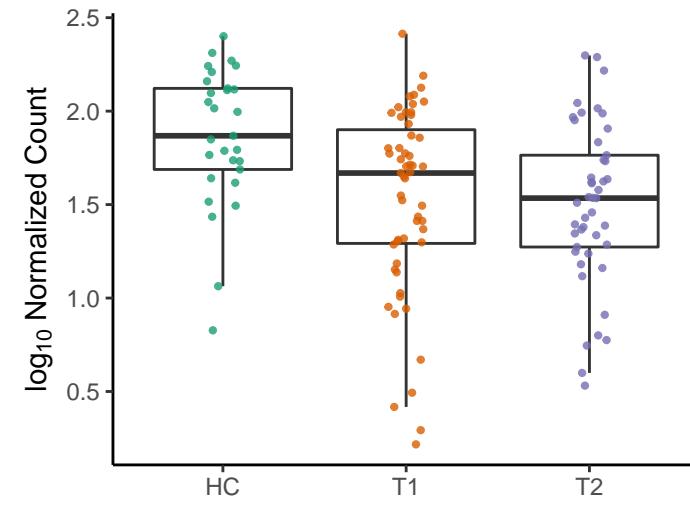
### Gallaecimonas

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.97



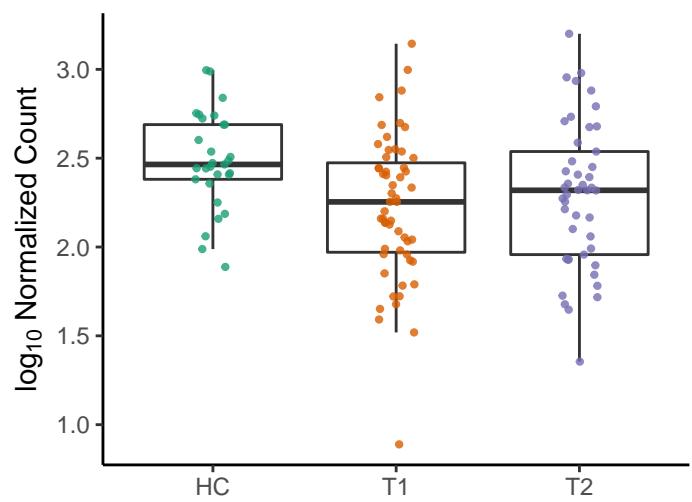
### Paraoerskovia

non-ED vs. T1 adjusted p = 0.0048  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.98



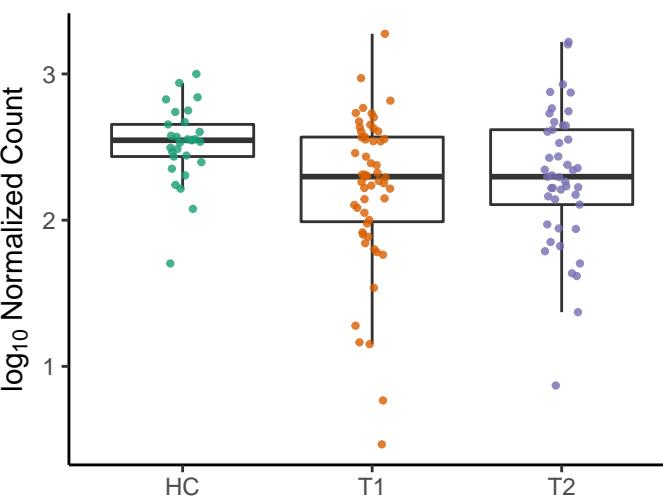
### Acidihalobacter

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.79



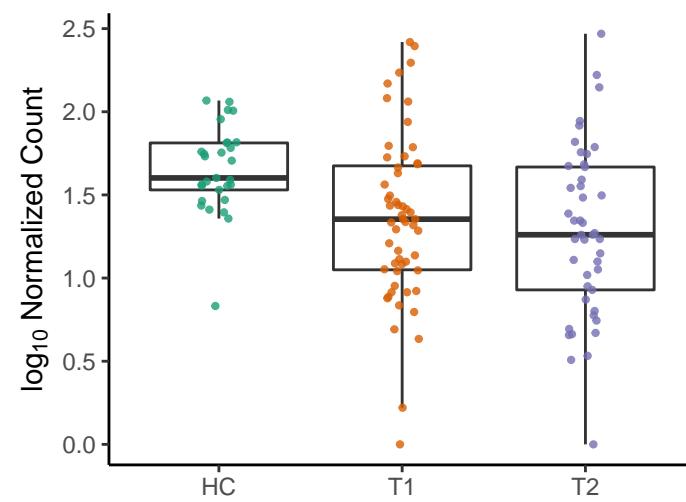
### Blastochloris

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



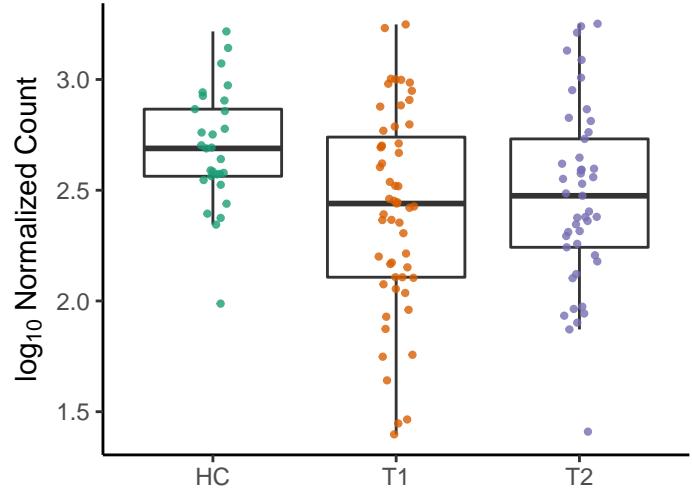
### Candidatus Endolissoclinum

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.79



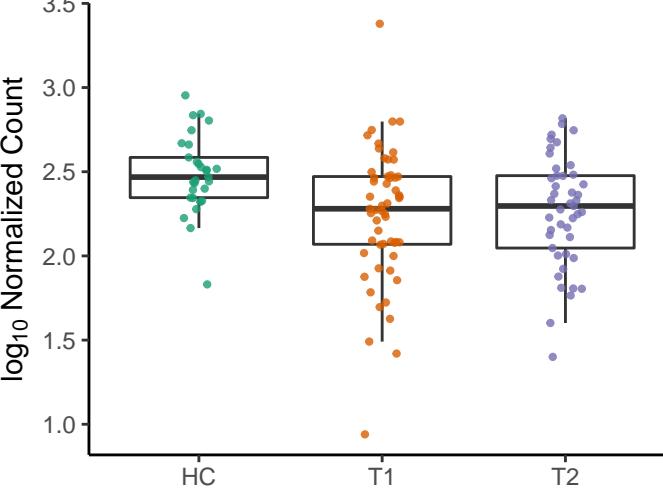
### Saccharopolyspora

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



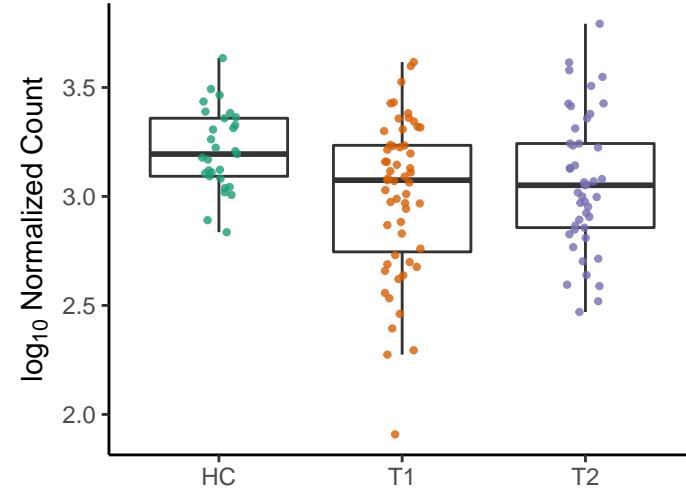
### Granulibacter

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



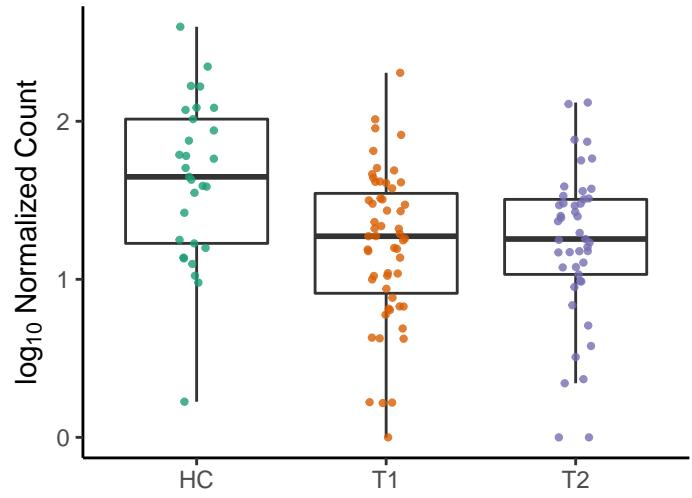
### Agrobacterium

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



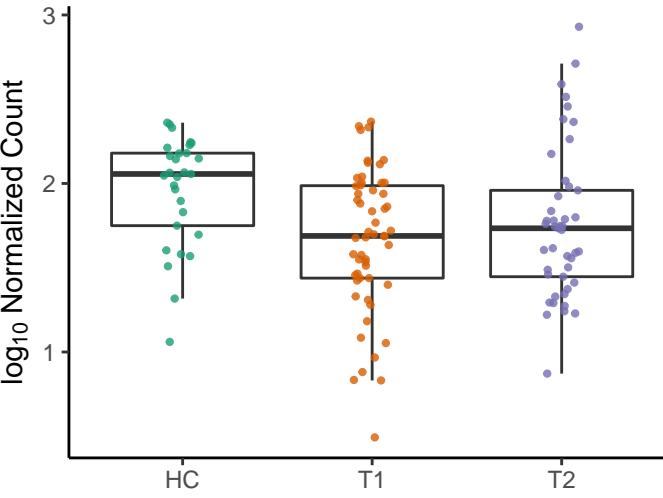
### Oligella

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.97



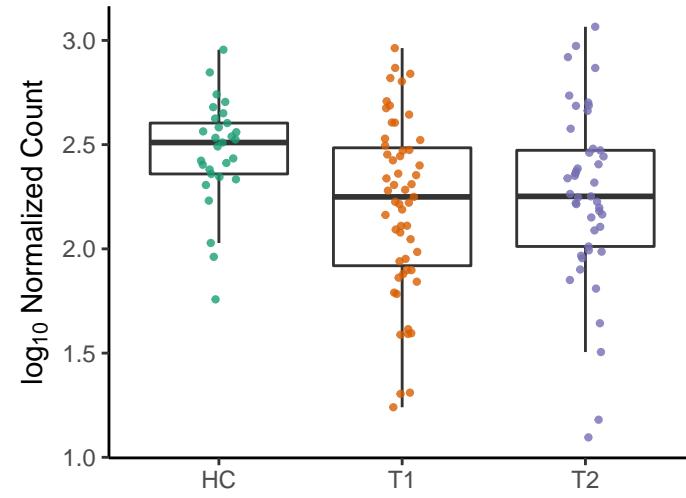
### Pseudohalocynthiaibacter

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.79



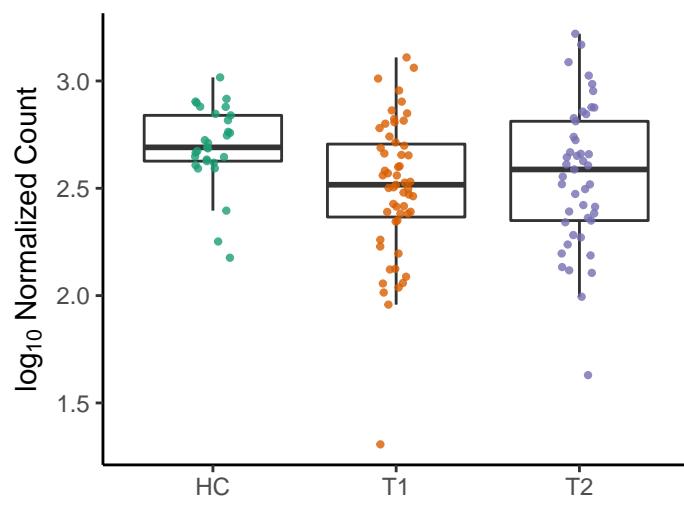
### Gemmimonas

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



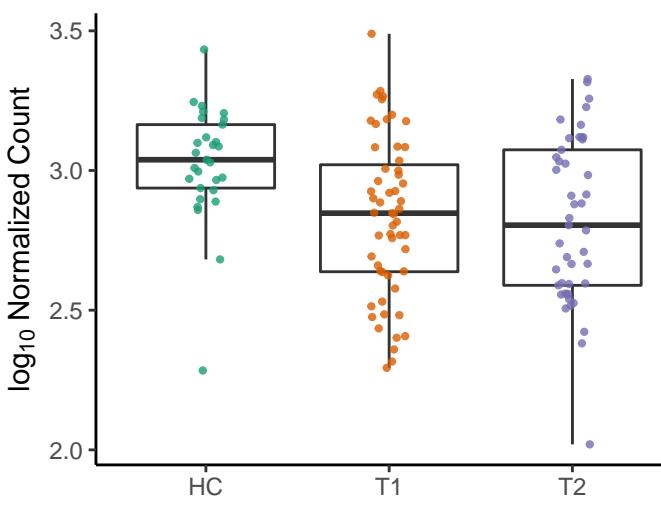
### Methyloimonas

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.046  
T1 vs. T2 adjusted p = 0.79



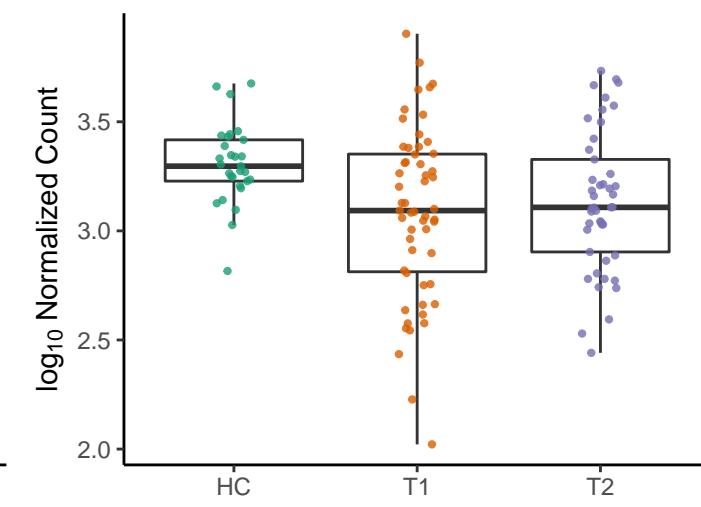
### Nostoc

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 1



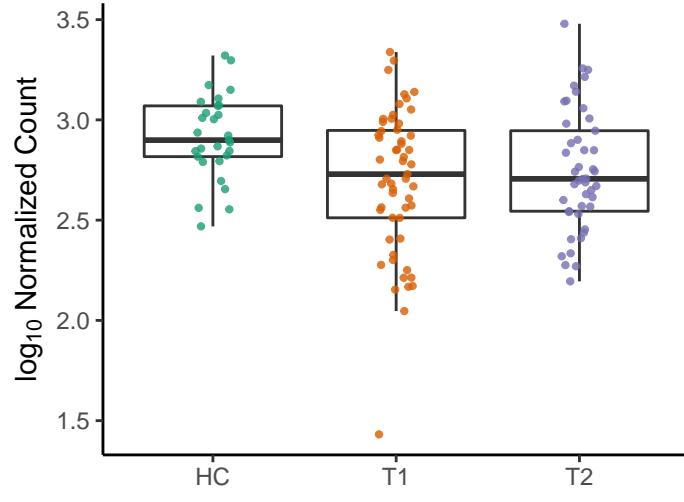
### Synechococcus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



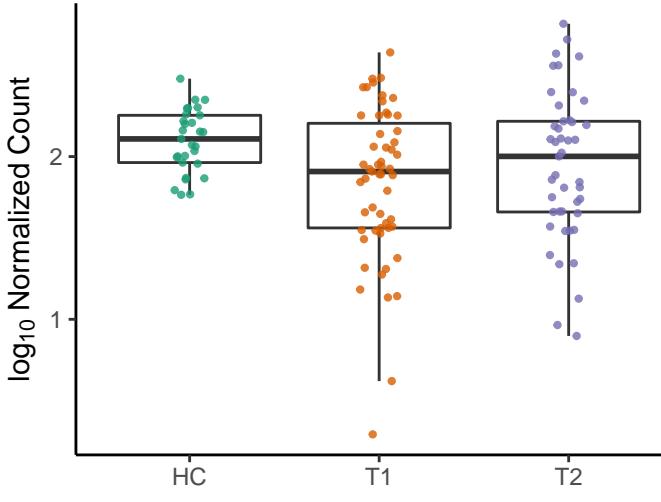
### Tumebacillus

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



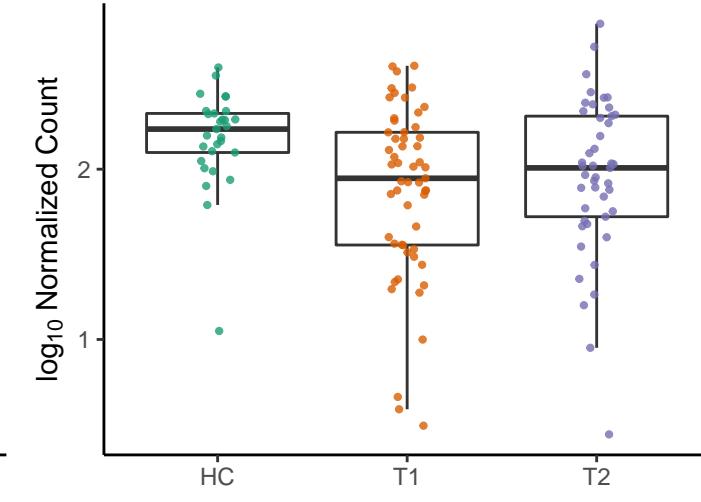
### Unclassified Phycisphaerae Class

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.79



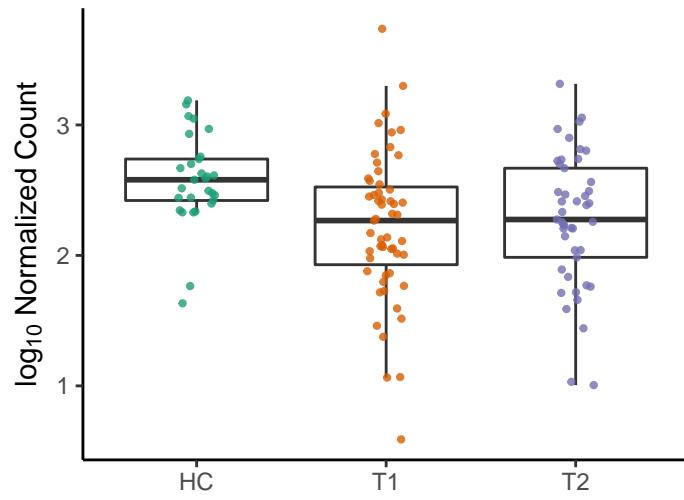
### Verminephrobacter

non-ED vs. T1 adjusted p = 0.0049  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



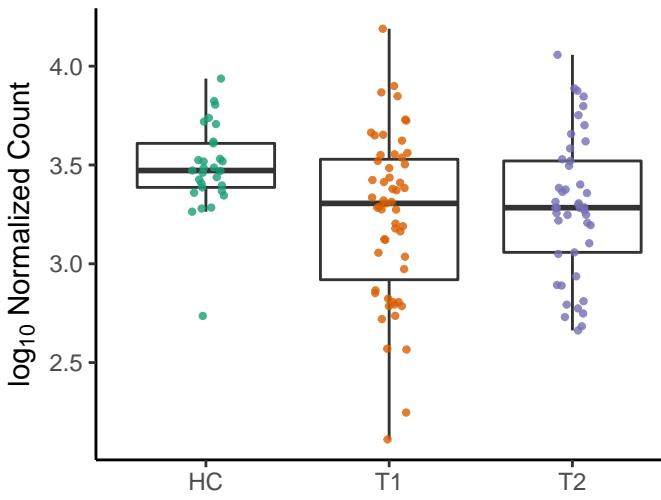
### Ottowia

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



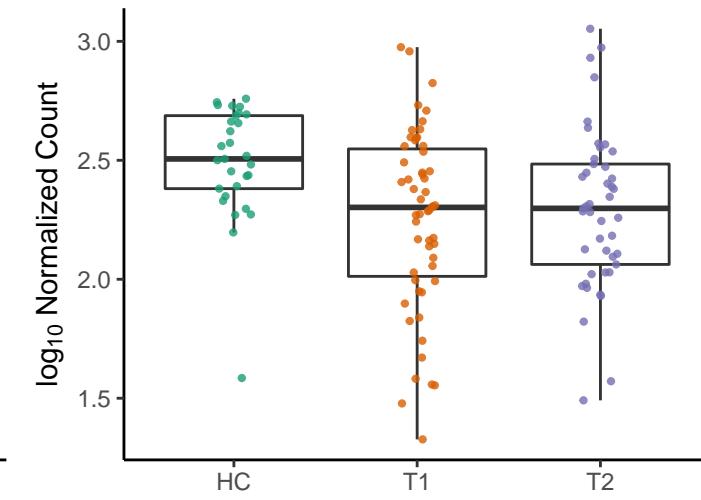
### Rhodococcus

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



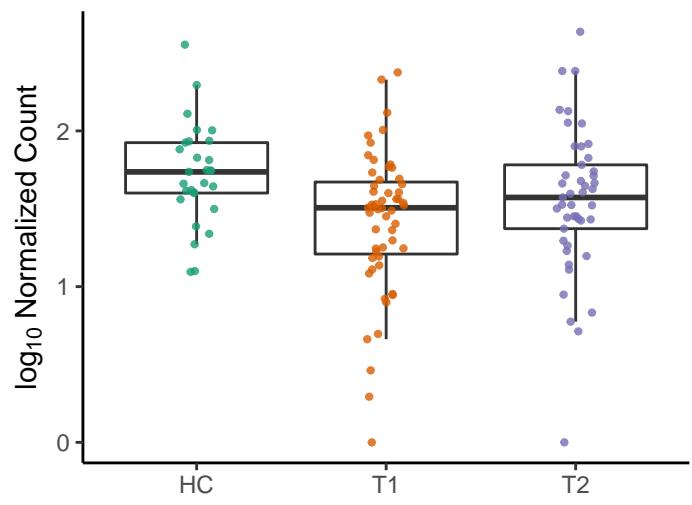
### Candidatus Planktophila

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



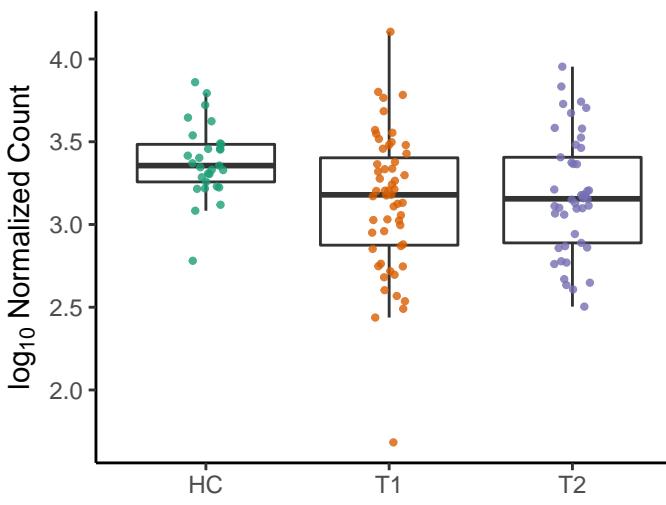
### Waddlia

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



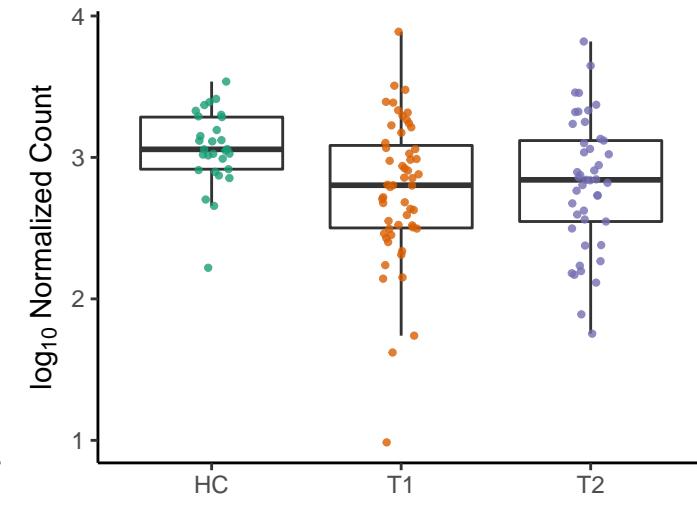
### Xanthomonas

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



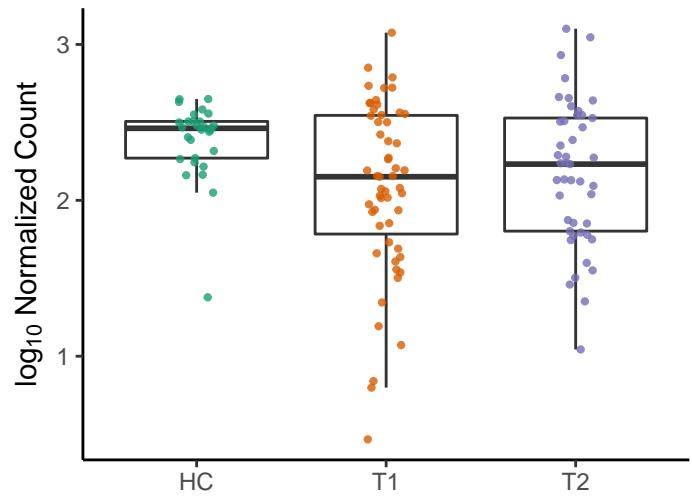
### Cellulomonas

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.8



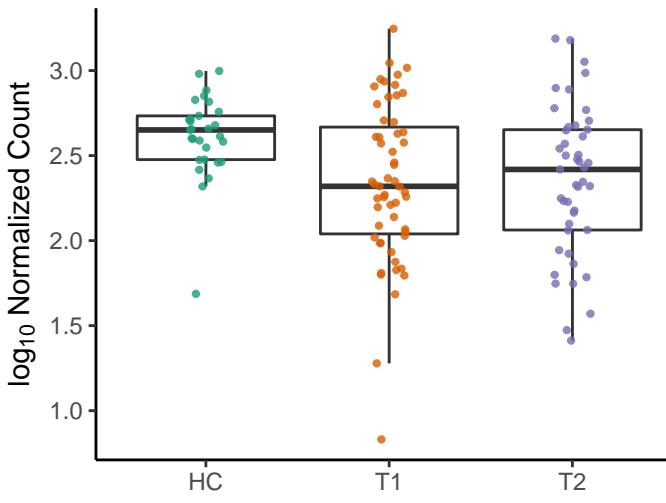
### Kibdelosporangium

non-ED vs. T1 adjusted p = 0.0051  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



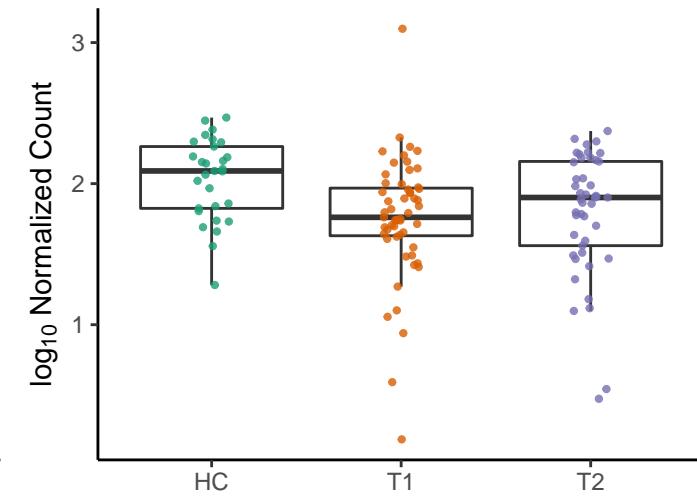
### Dietzia

non-ED vs. T1 adjusted p = 0.0052  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.9



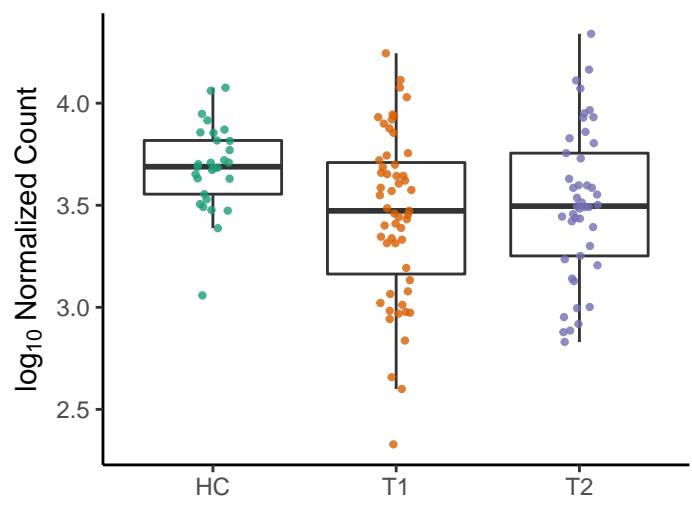
### Rhodobaca

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



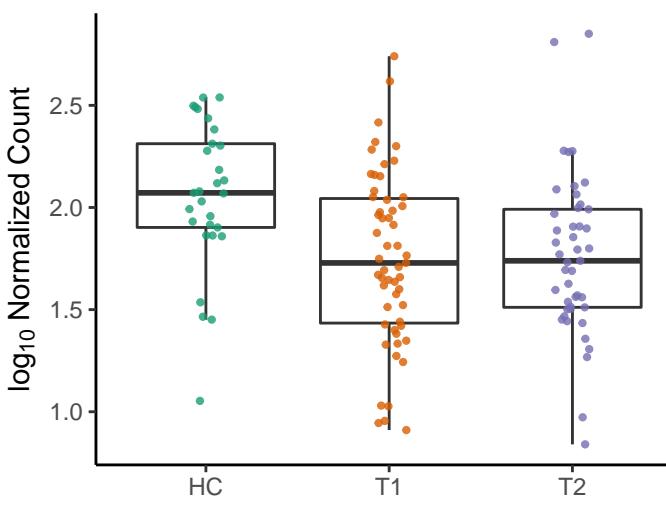
### Mycolicibacterium

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



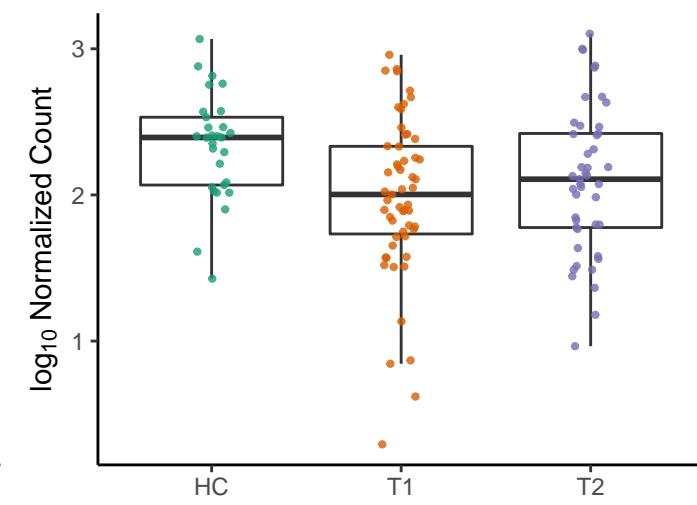
### Rheinheimera

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.99



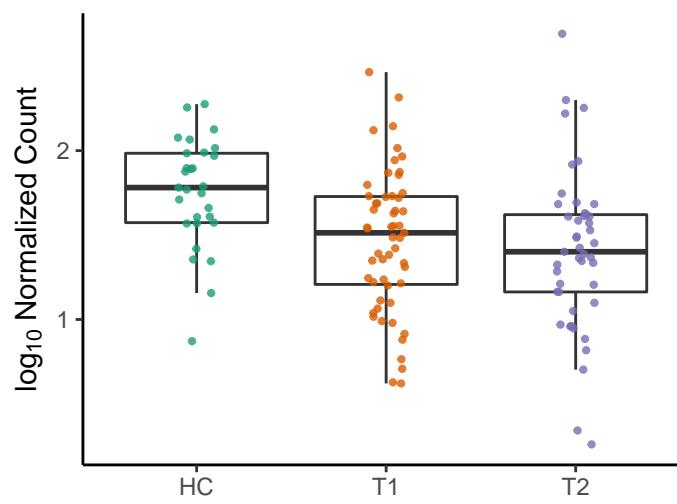
### Kineococcus

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



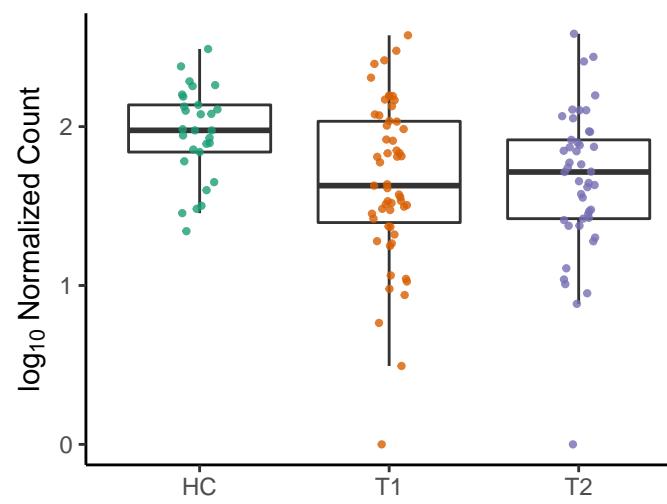
### Nodularia

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 0.87



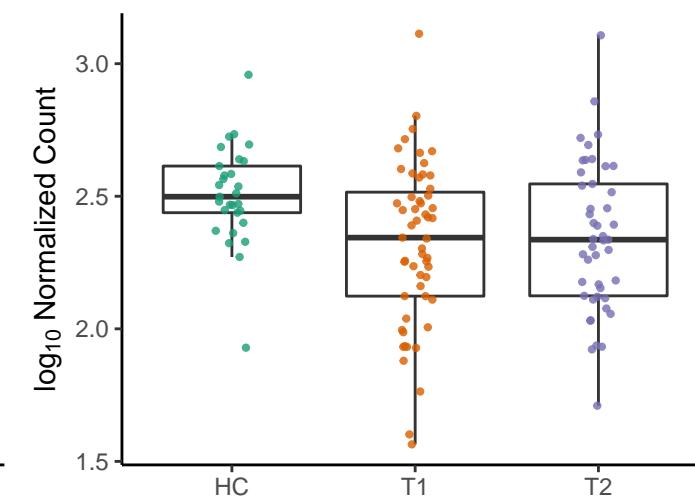
### Pseudolysobacter

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 1



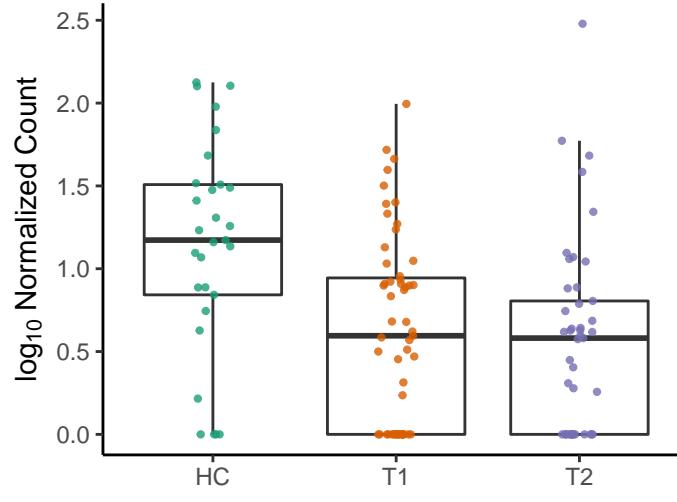
### Rahnella

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



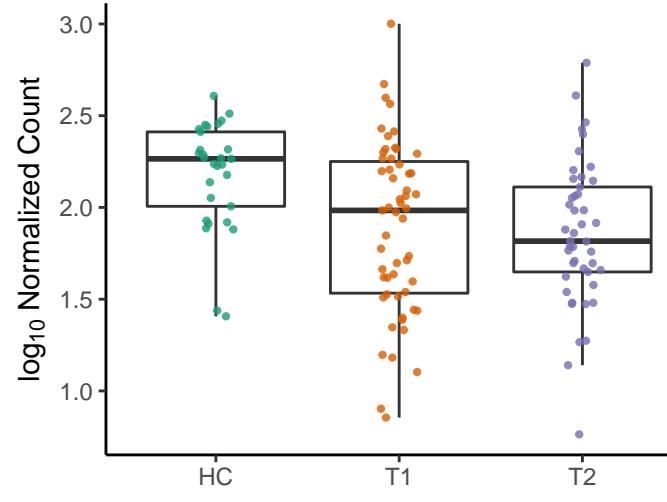
### Unclassified Desulfobacterales Order

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0054  
T1 vs. T2 adjusted p = 0.82



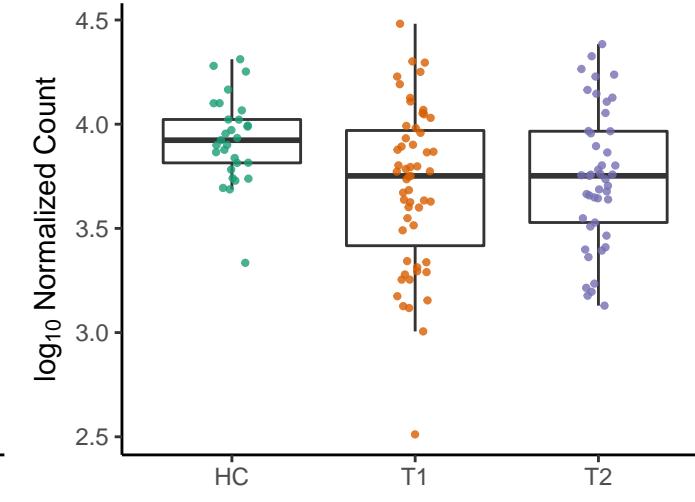
### Anabaena

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.85



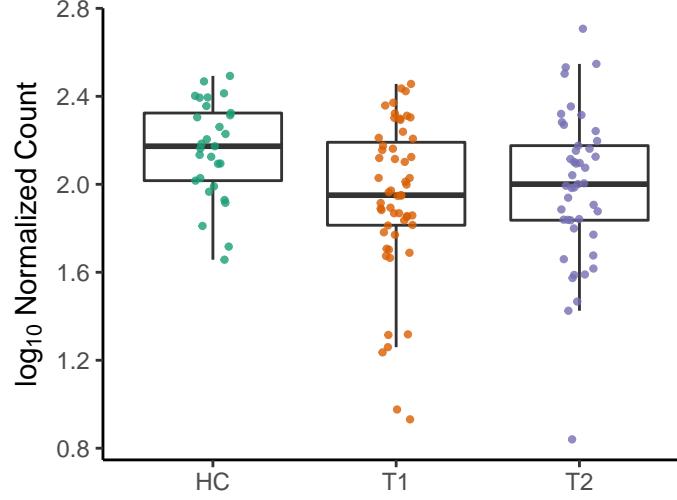
### Corynebacterium

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



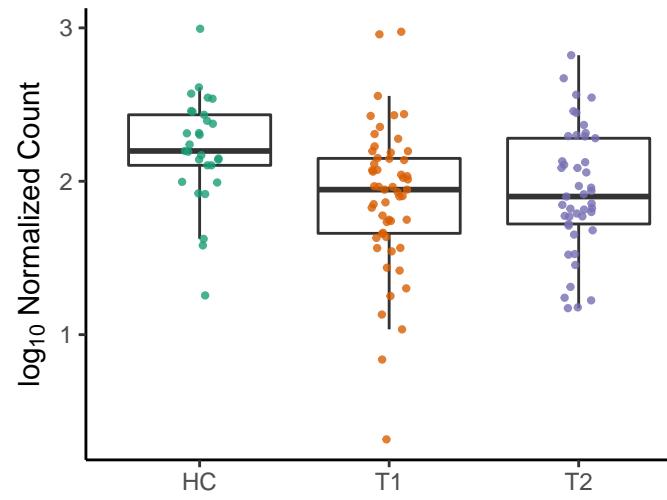
### Eremothecium

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.8



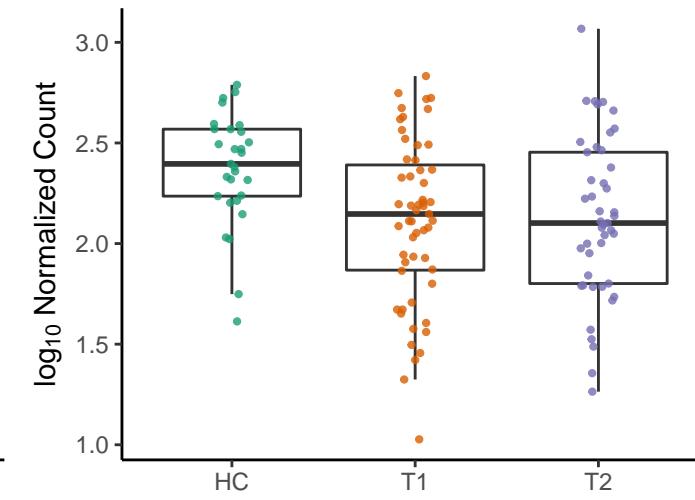
### Nitratirfractor

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



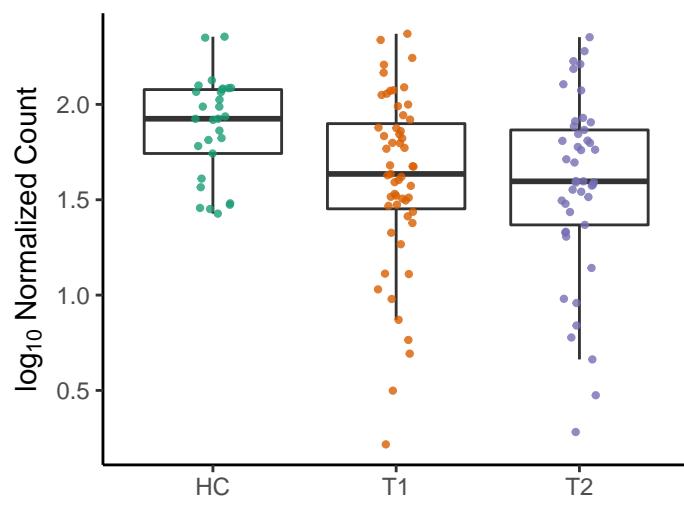
### Salinibacterium

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.81



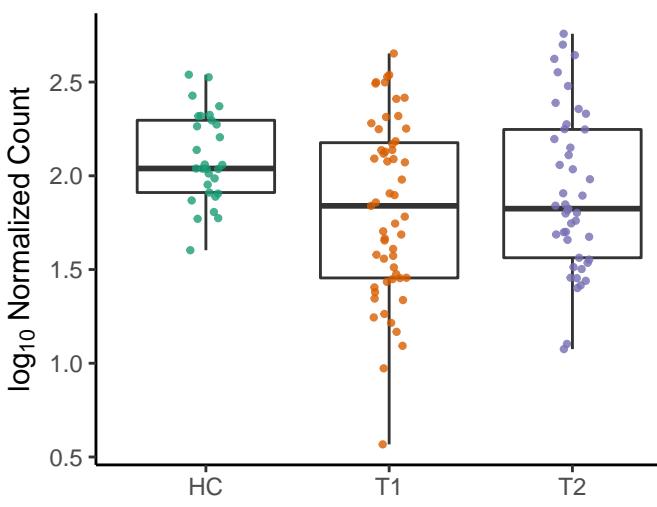
### Saliniradius

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.96



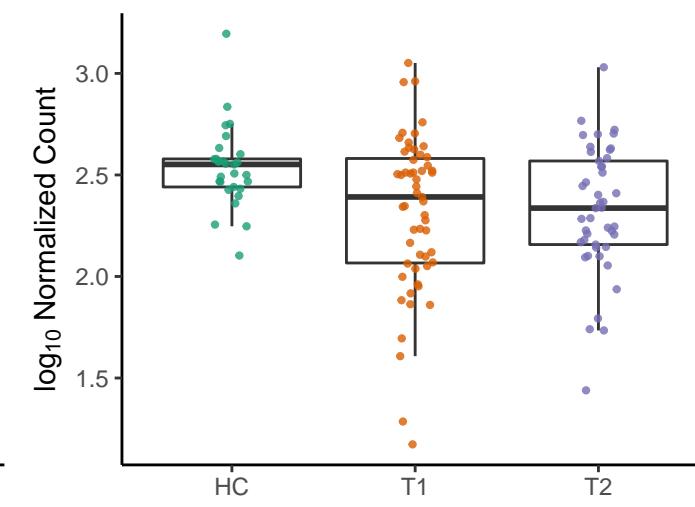
### Methylacidiphilum

non-ED vs. T1 adjusted p = 0.0053  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.79



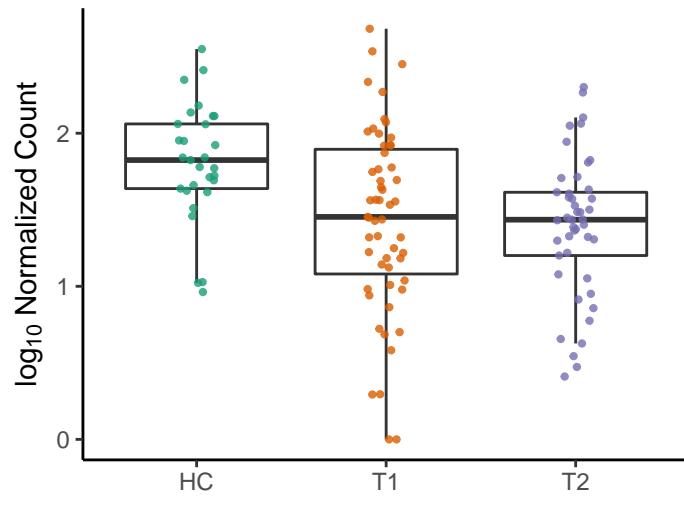
### Thalassospira

non-ED vs. T1 adjusted p = 0.0054  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.9



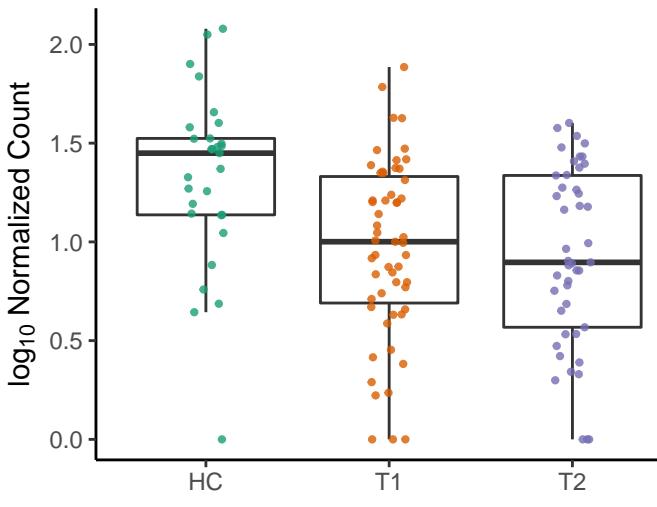
### Acidimicrobium

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.83



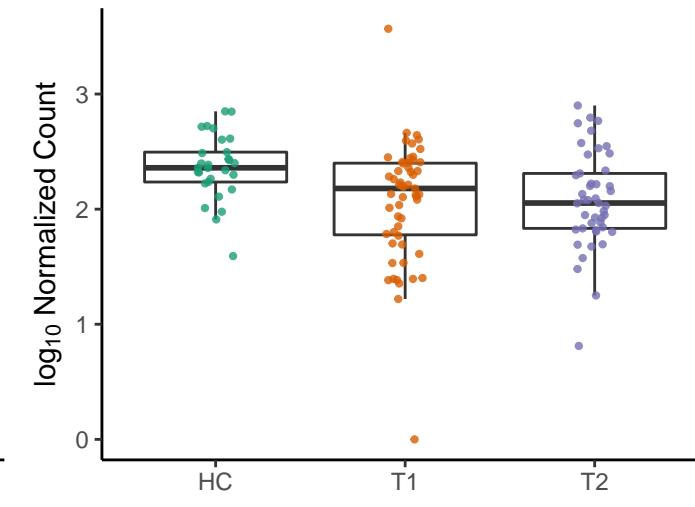
### Frederiksenia

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.89



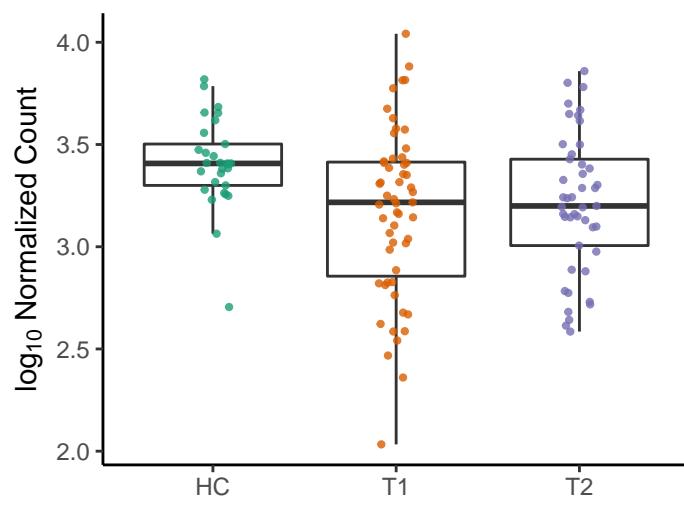
### Vulgatibacter

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.0086  
T1 vs. T2 adjusted p = 0.79



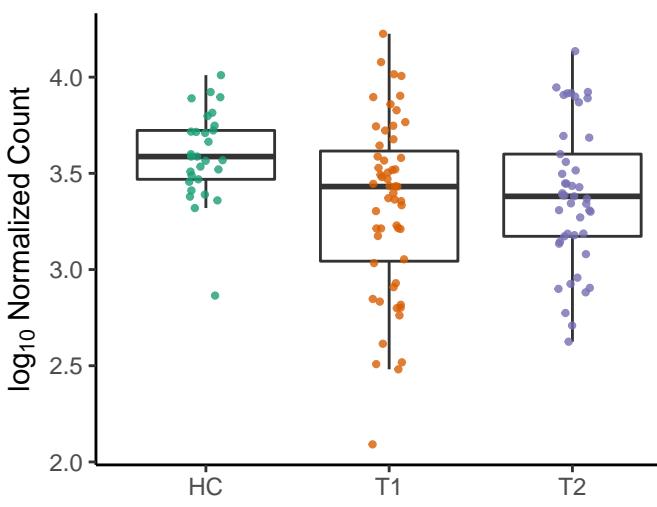
### Bordetella

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



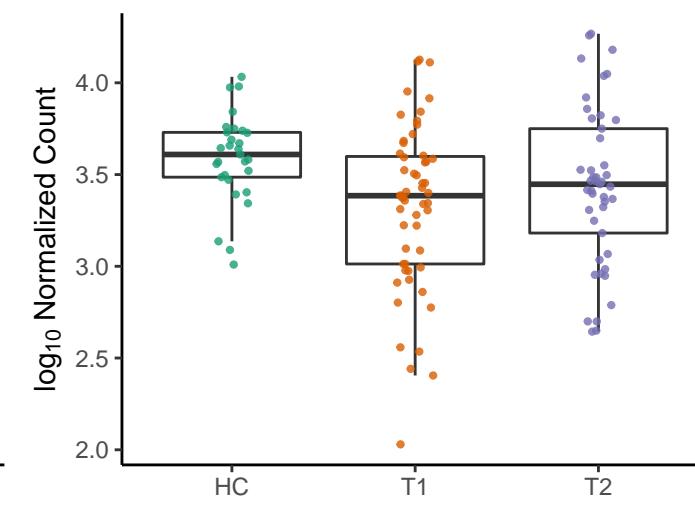
### Deinococcus

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



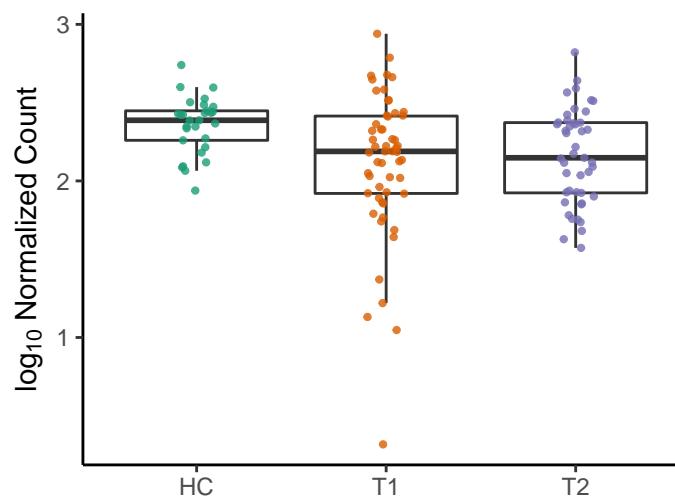
### Ethanoligenens

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.79



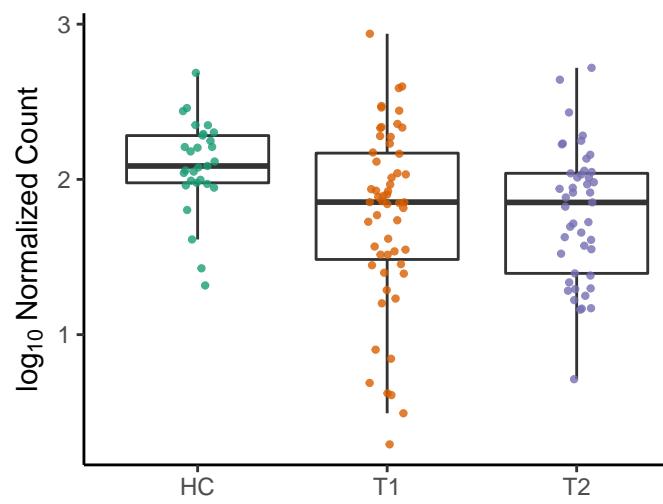
### Paraocanicella

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.0081  
T1 vs. T2 adjusted p = 0.8



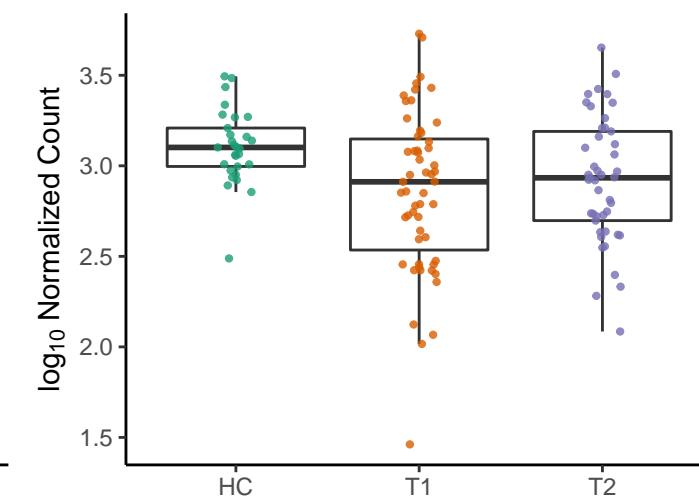
### Thioclava

non-ED vs. T1 adjusted p = 0.0055  
non-ED vs. T2 adjusted p = 0.0058  
T1 vs. T2 adjusted p = 0.92



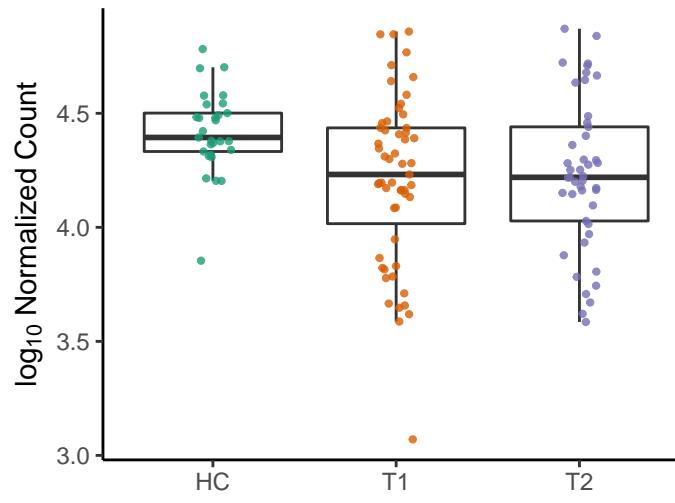
### Ralstonia

non-ED vs. T1 adjusted p = 0.0056  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.79



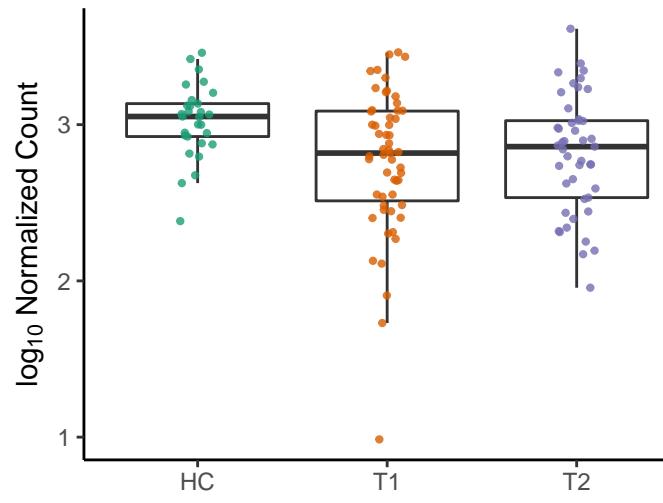
### Unclassified Proteobacteria Phylum

non-ED vs. T1 adjusted p = 0.0056  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



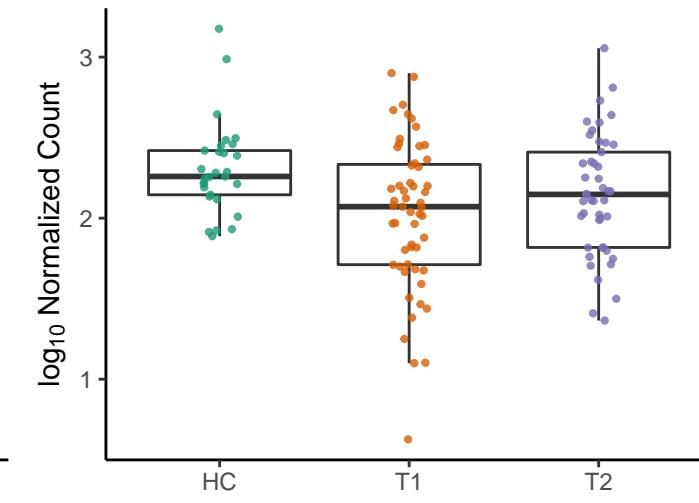
### Unclassified Corynebacteriales Order

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



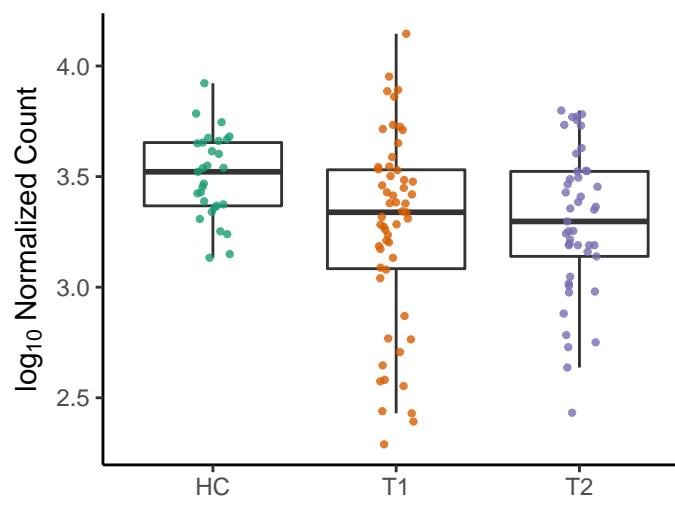
### Halorhodospira

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.79



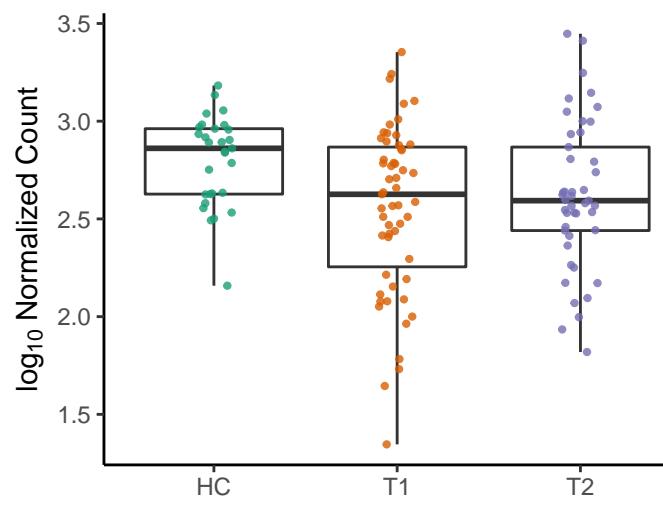
### Hymenobacter

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.0097  
T1 vs. T2 adjusted p = 0.81



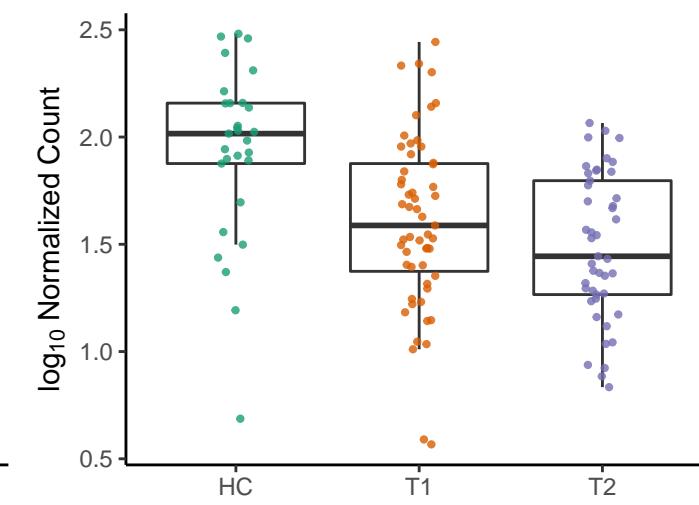
### Roseovarius

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.79



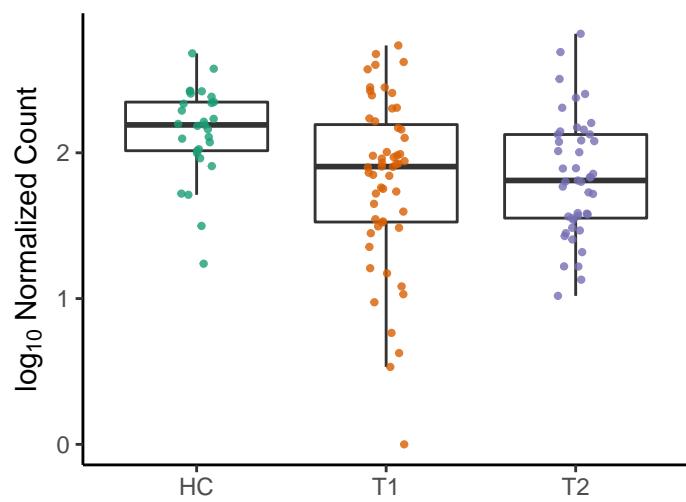
### Unclassified Holosporaceae Family

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.002  
T1 vs. T2 adjusted p = 0.79



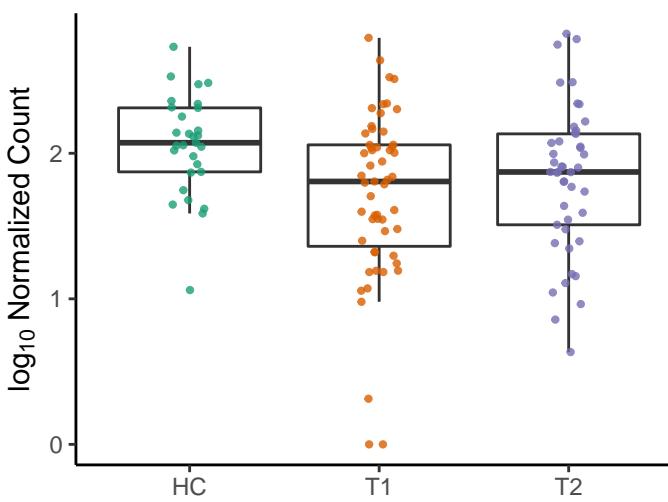
### Epibacterium

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.89



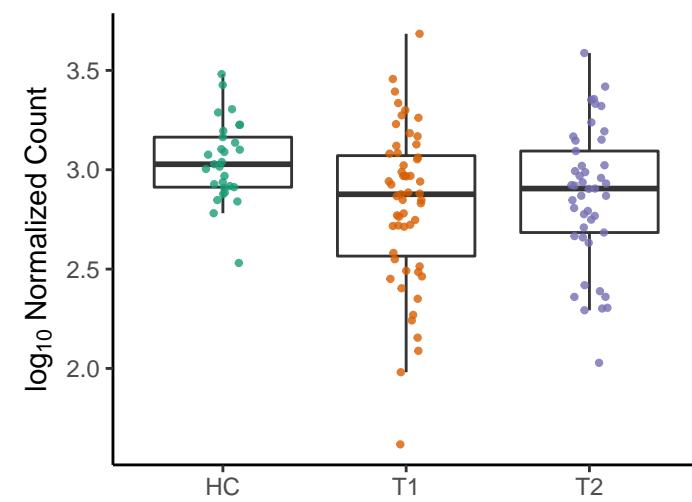
### Unclassified Nocardioidaceae Family

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



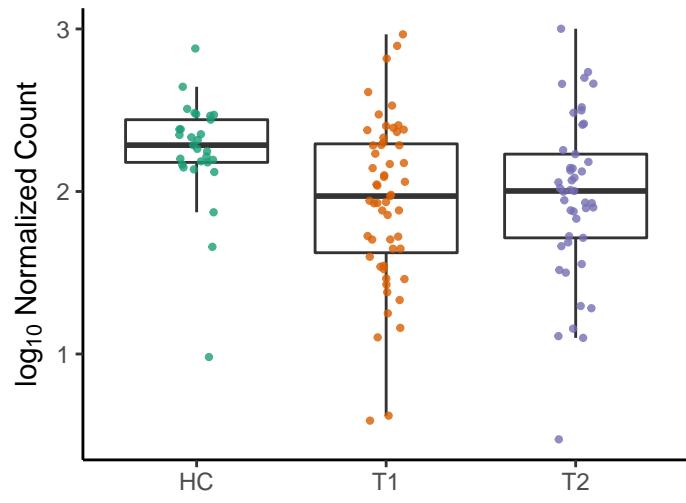
### Sinorhizobium

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



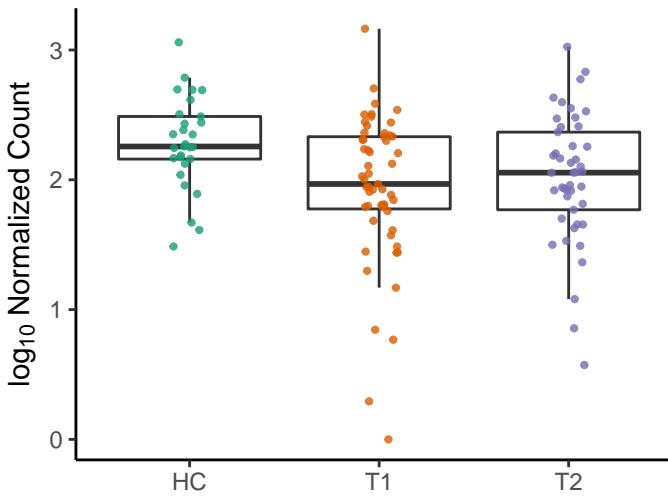
### Rhodoplanes

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.83



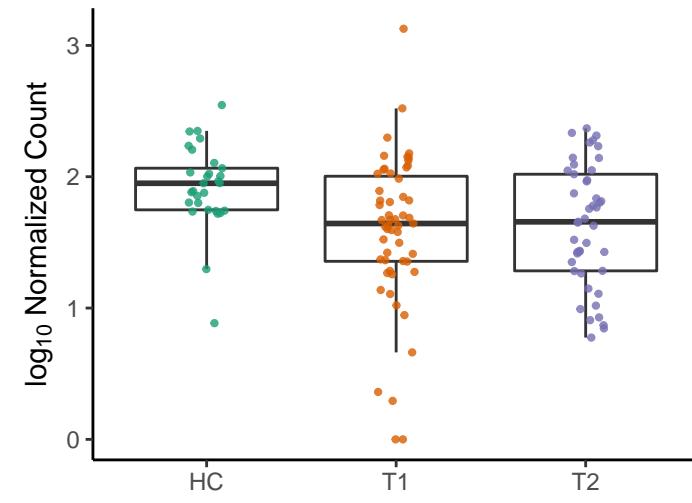
### Haloactinobacterium

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



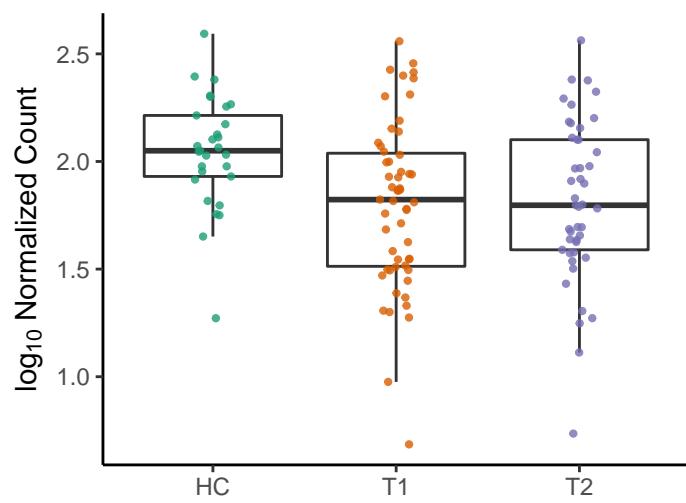
### Ferriphaselus

non-ED vs. T1 adjusted p = 0.0057  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



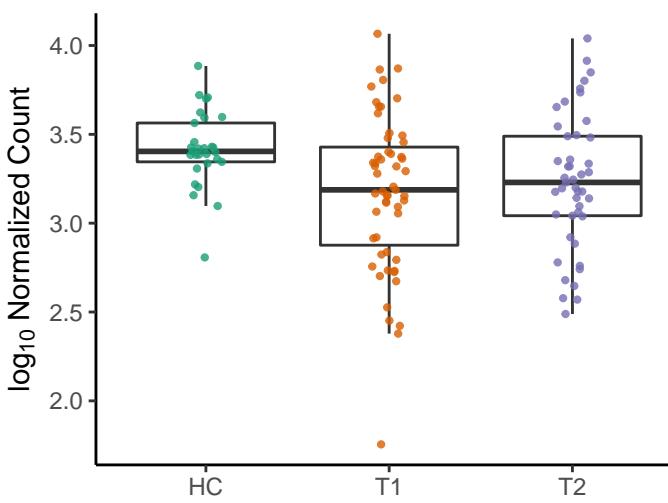
### Desulfotalea

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.87



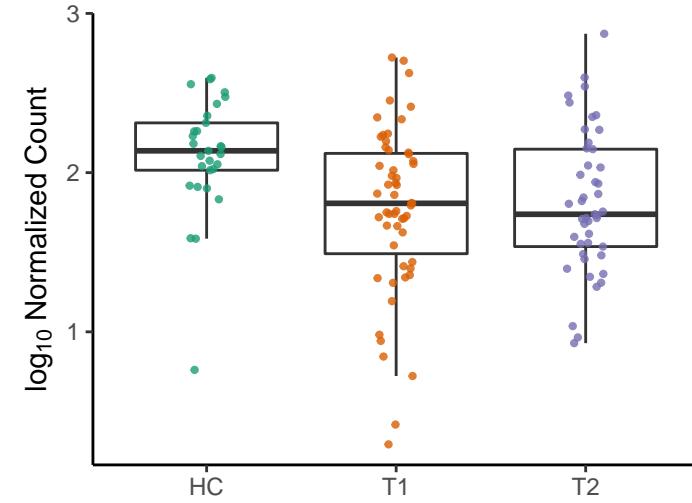
### Azospirillum

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



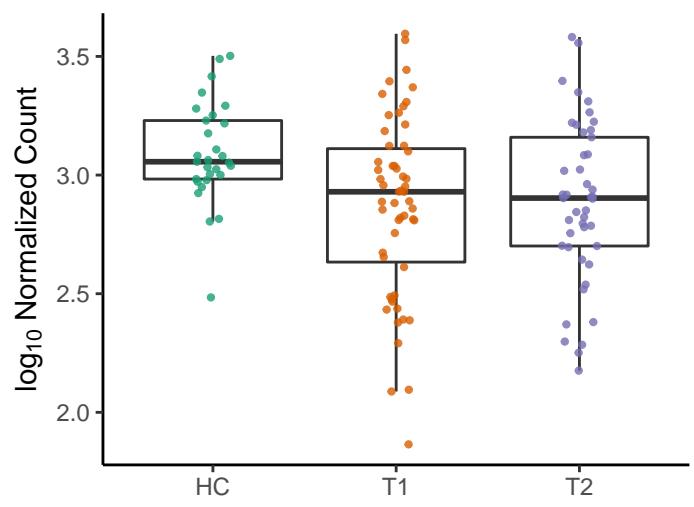
### Chitinolyticbacter

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.86



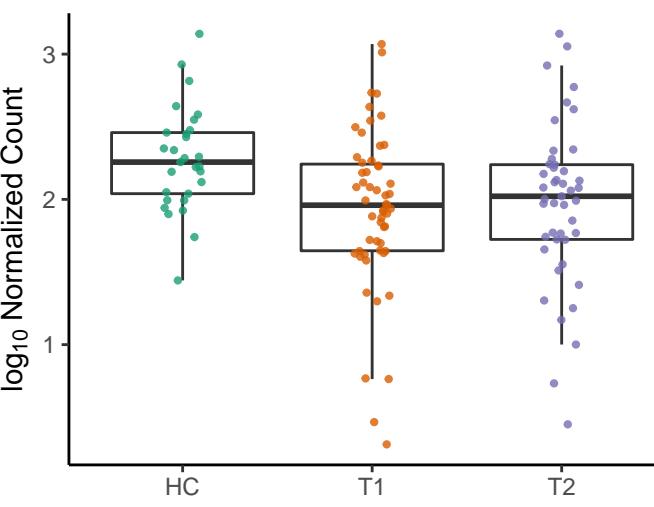
### *Pseudodesulfovibrio*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.83



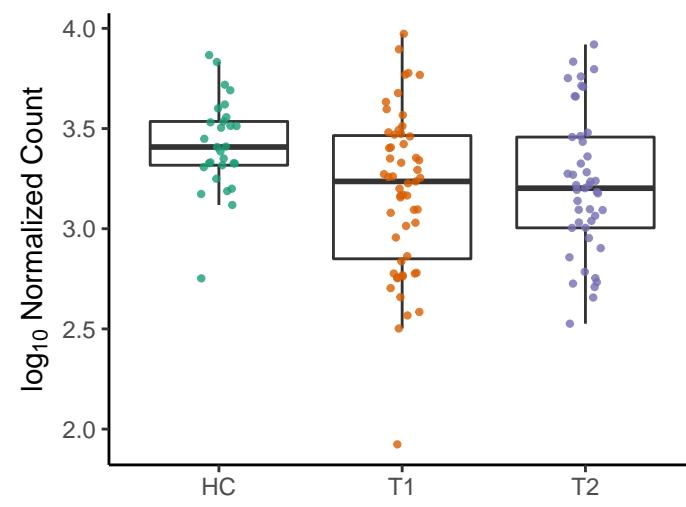
### *Salipiger*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.79



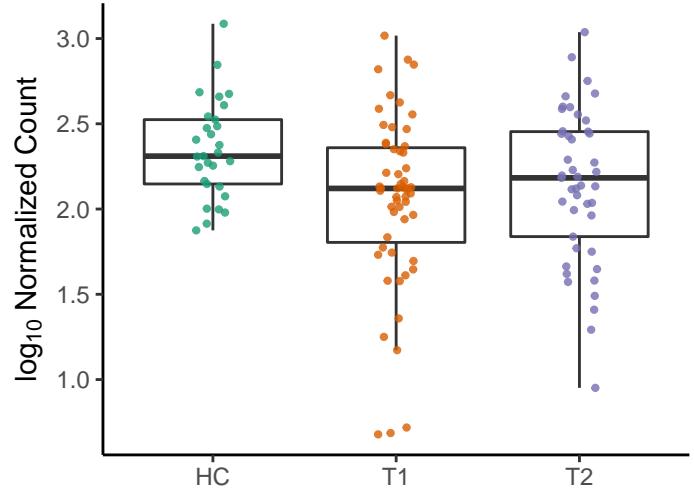
### *Arthrobacter*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.79



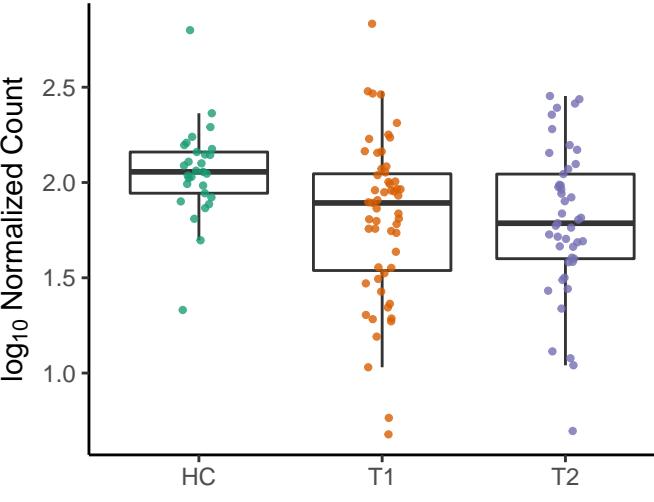
### *Chondromyces*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.79



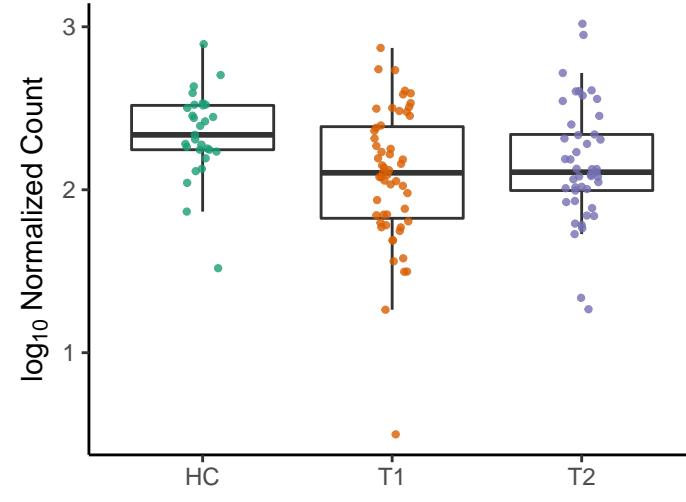
### *Crateriforma*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.9



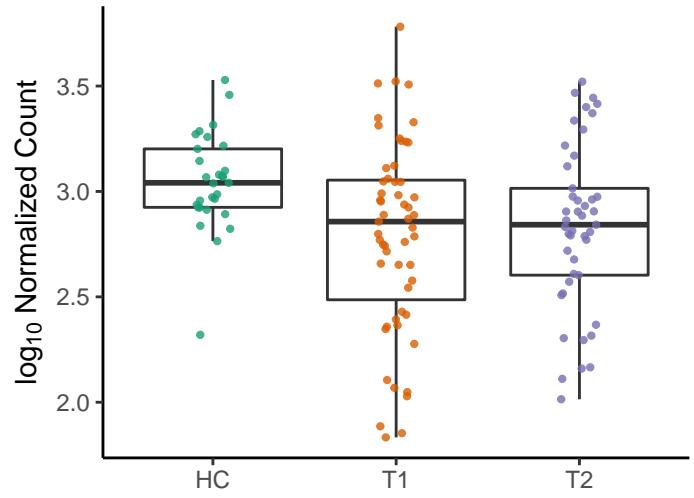
### *Desulfobacterium*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.79



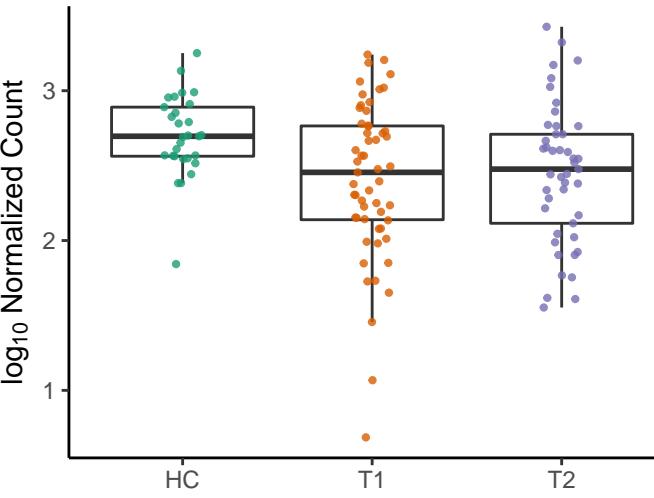
### *Hydrogenophaga*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.79



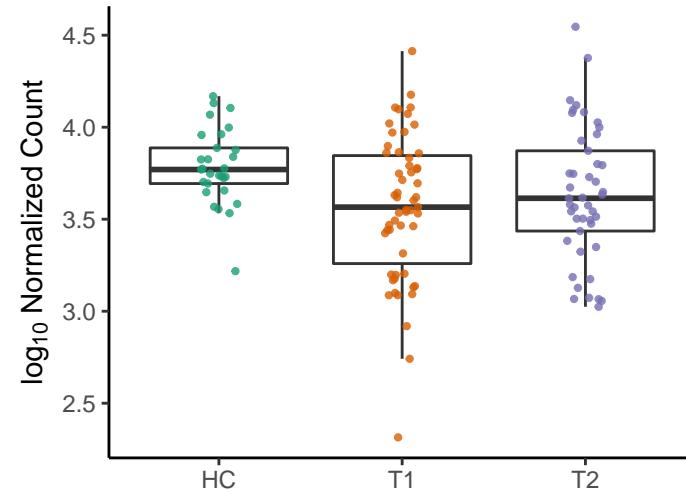
### *Serinicoccus*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.79



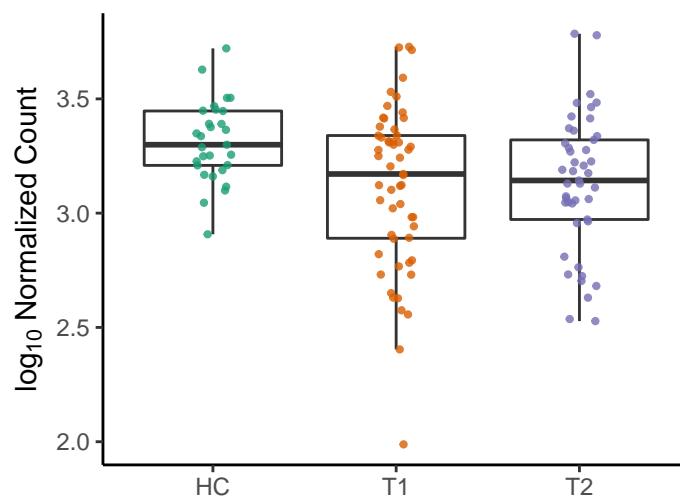
### *Burkholderia*

non-ED vs. T1 adjusted p = 0.0058  
 non-ED vs. T2 adjusted p = 0.047  
 T1 vs. T2 adjusted p = 0.79



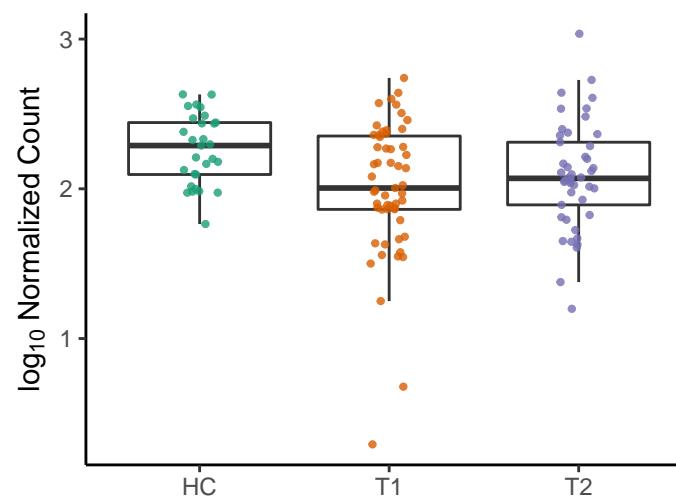
### Neisseria

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.8



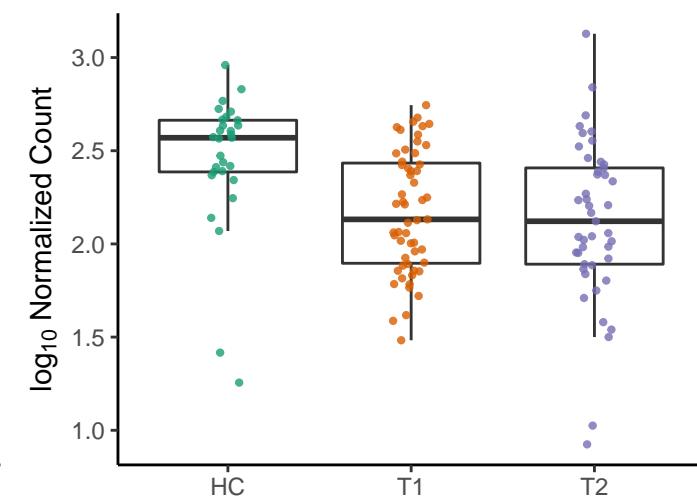
### Unclassified Armatimonadetes Phylum

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



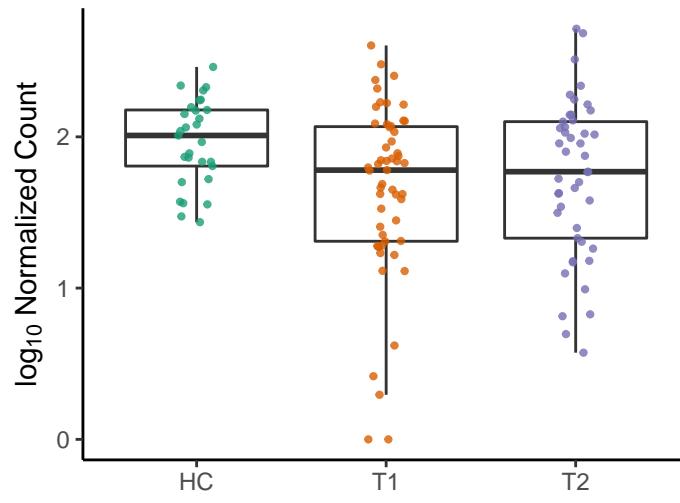
### Wolbachia

non-ED vs. T1 adjusted p = 0.0058  
non-ED vs. T2 adjusted p = 0.0084  
T1 vs. T2 adjusted p = 0.8



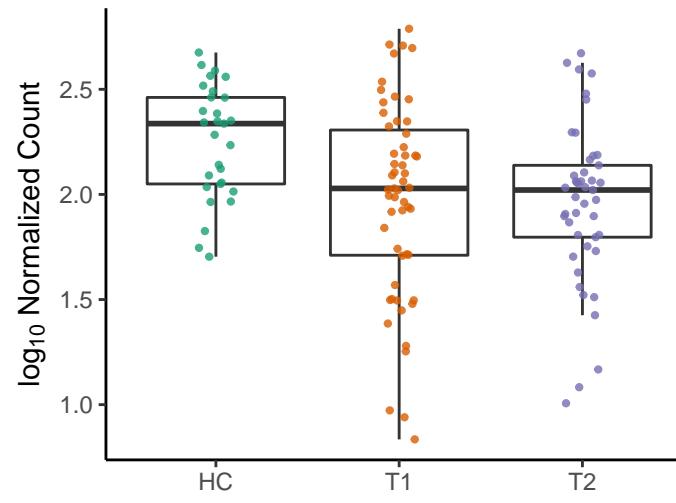
### Wenzhouxiangella

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



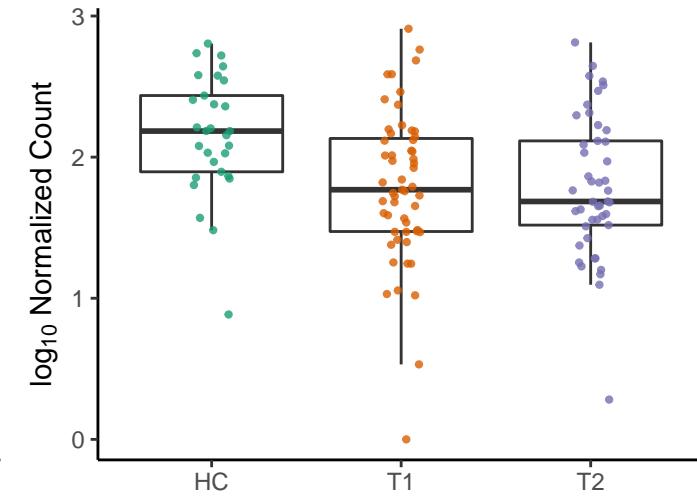
### Halothiobacillus

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.97



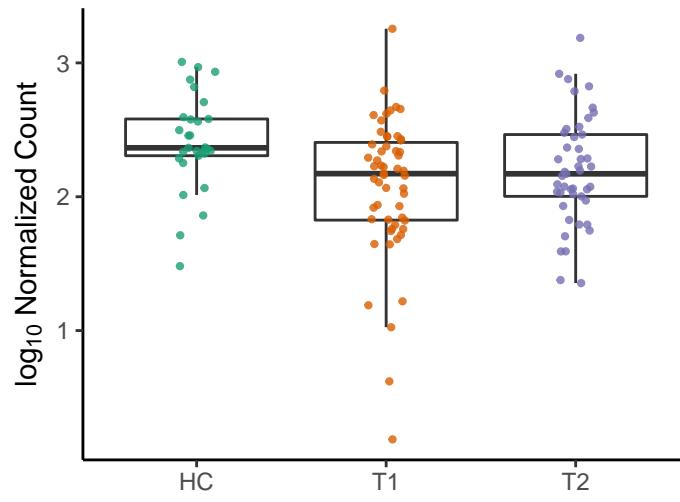
### Unclassified Erythrobacteraceae Family

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.92



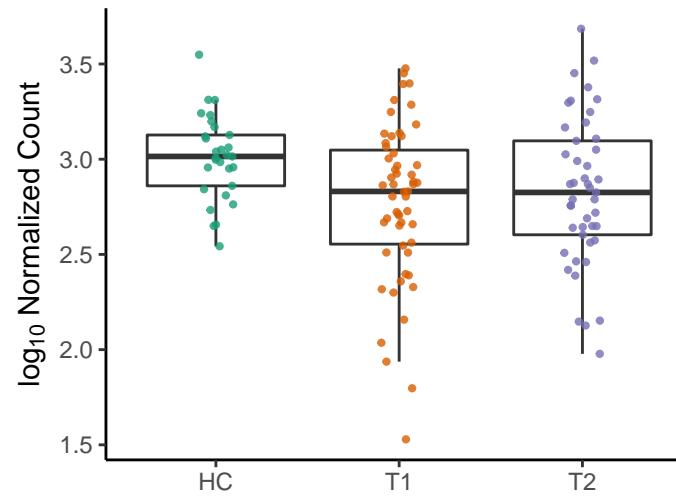
### Ketogulonicigenium

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



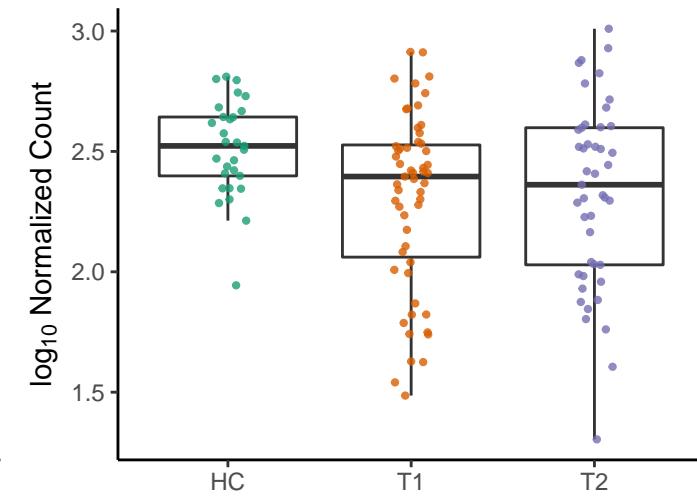
### Unclassified Burkholderiaceae Family

non-ED vs. T1 adjusted p = 0.0059  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



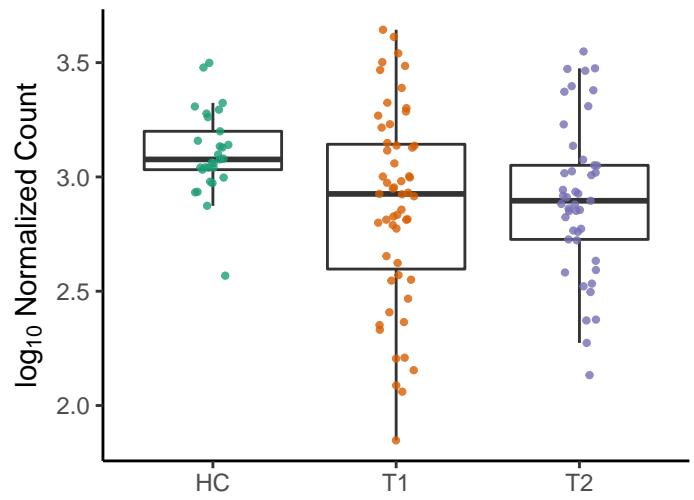
### Sphingorhabdus

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.81



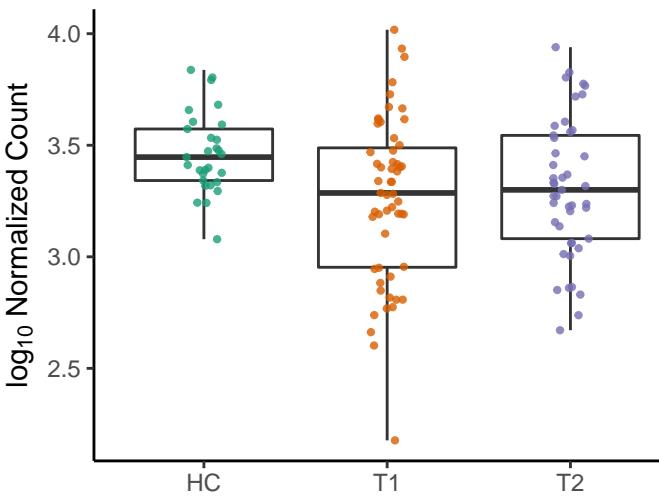
### Pandoraea

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.8



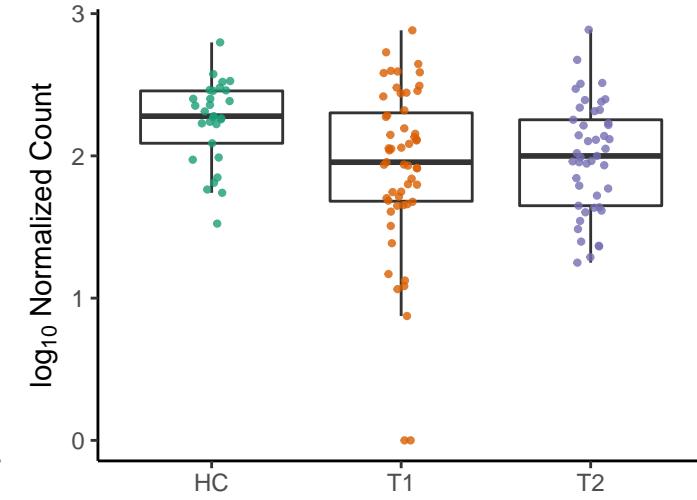
### Mesorhizobium

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



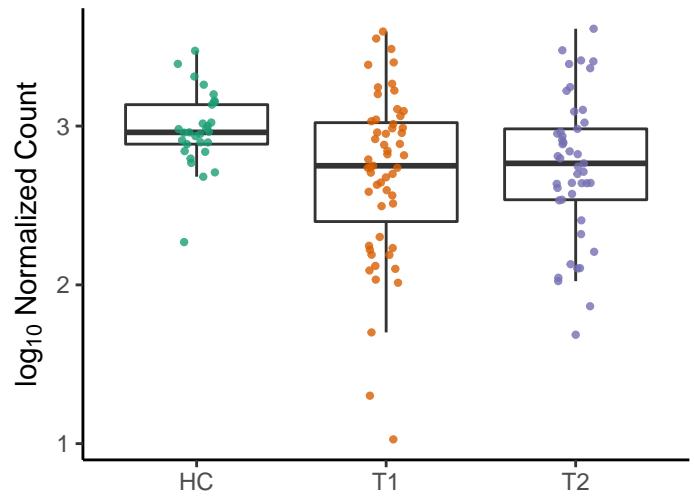
### Streptomonospora

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



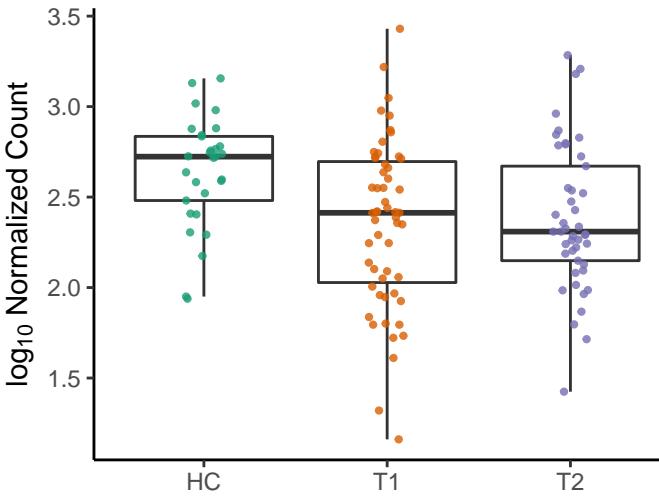
### Myxococcus

non-ED vs. T1 adjusted p = 0.006  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



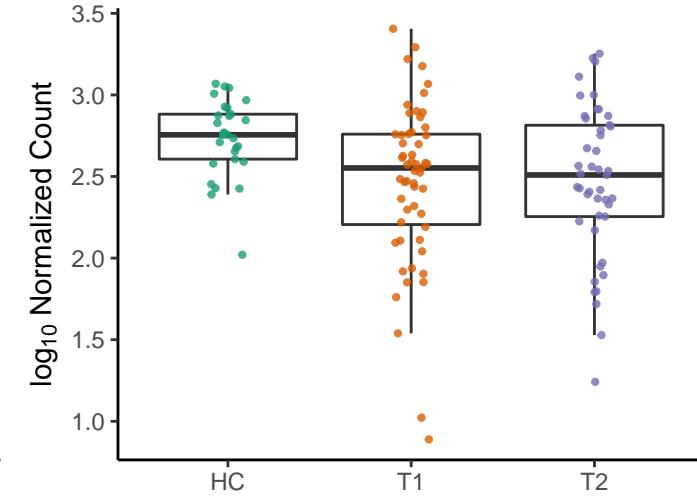
### Colletotrichum

non-ED vs. T1 adjusted p = 0.0061  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



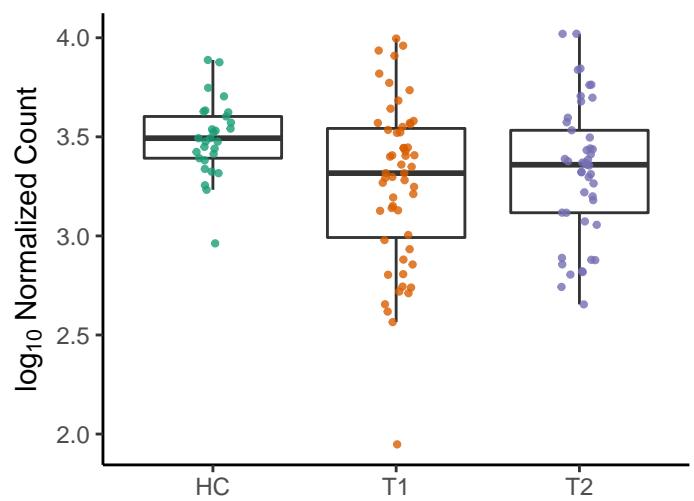
### Actinoalloteichus

non-ED vs. T1 adjusted p = 0.0061  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.83



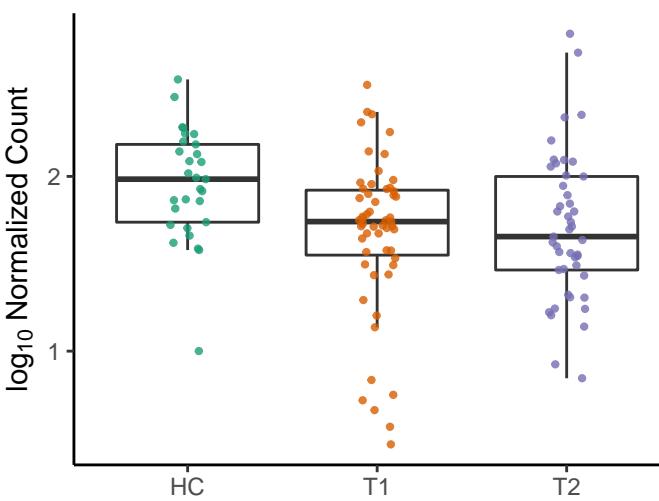
### Geobacter

non-ED vs. T1 adjusted p = 0.0061  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



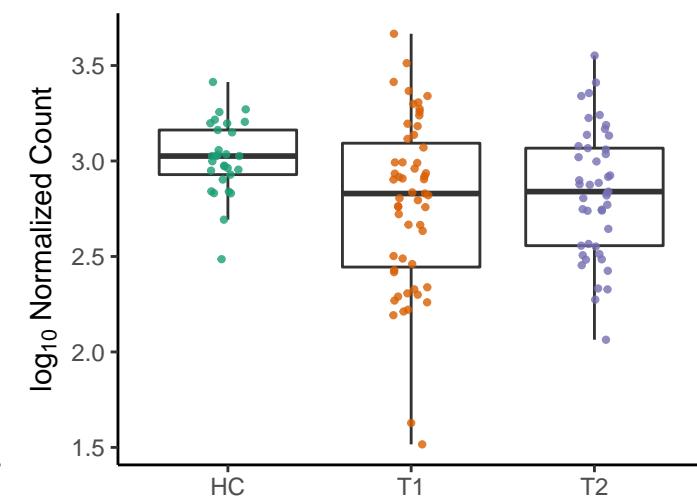
### Aurantimicrobium

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.88



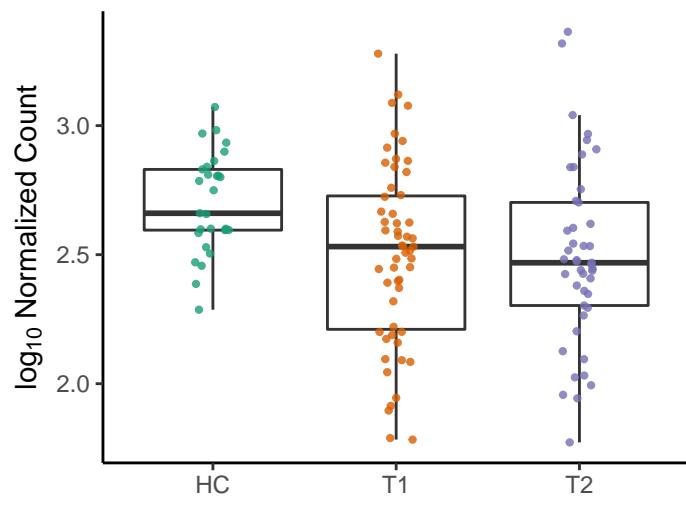
### Desulfosarcina

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



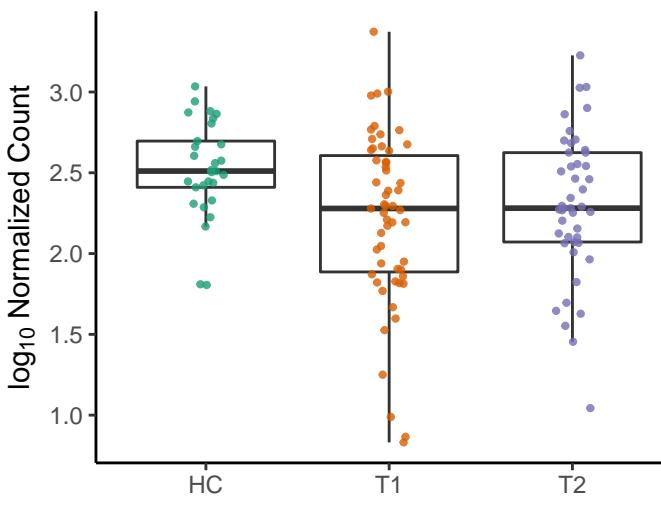
### Edwardsiella

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.86



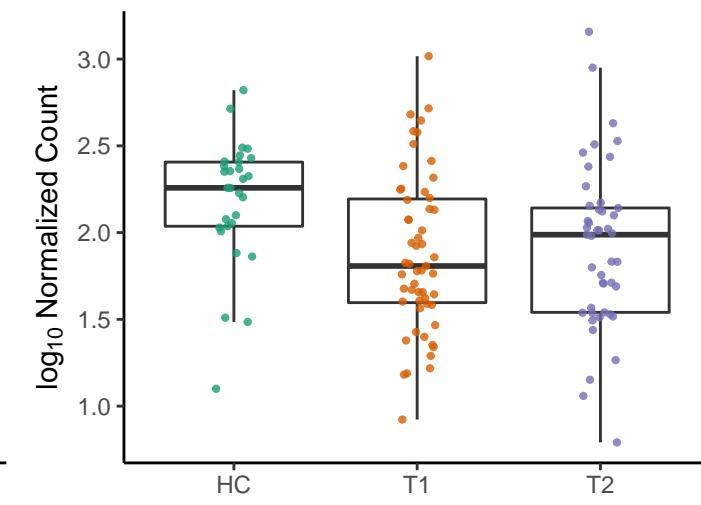
### Gemmattirosa

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



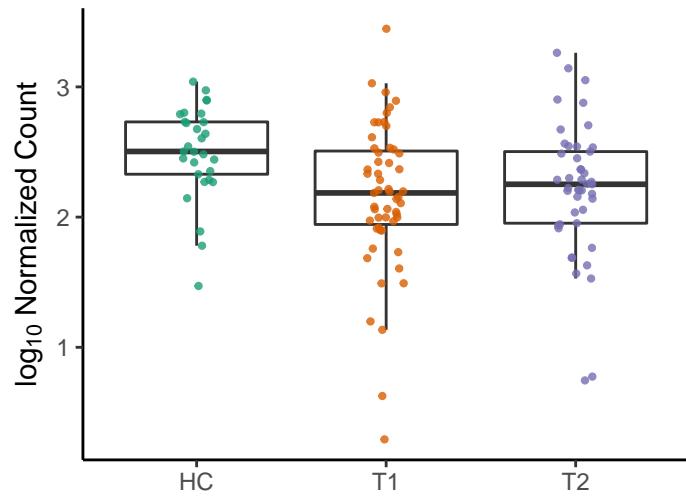
### Ignavibacterium

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.96



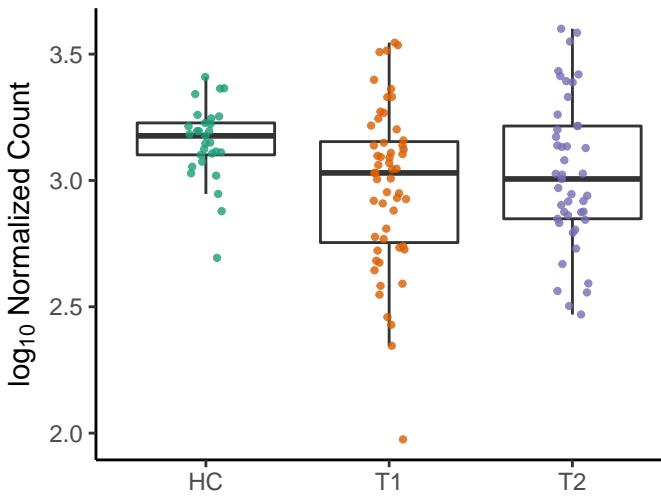
### Kutzneria

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



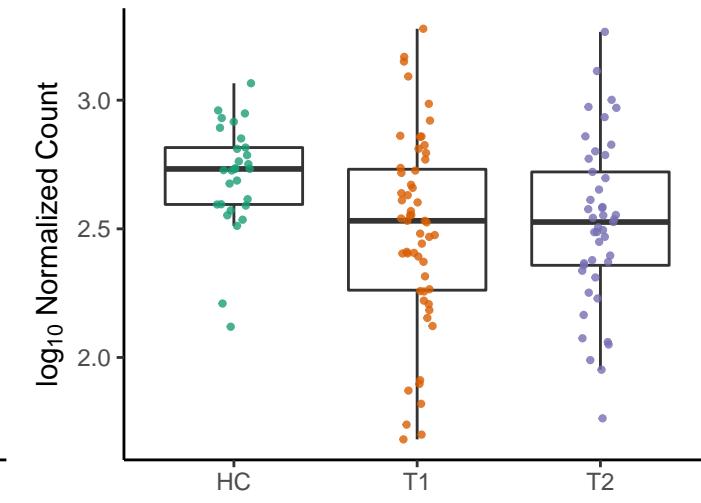
### Marinobacter

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.79



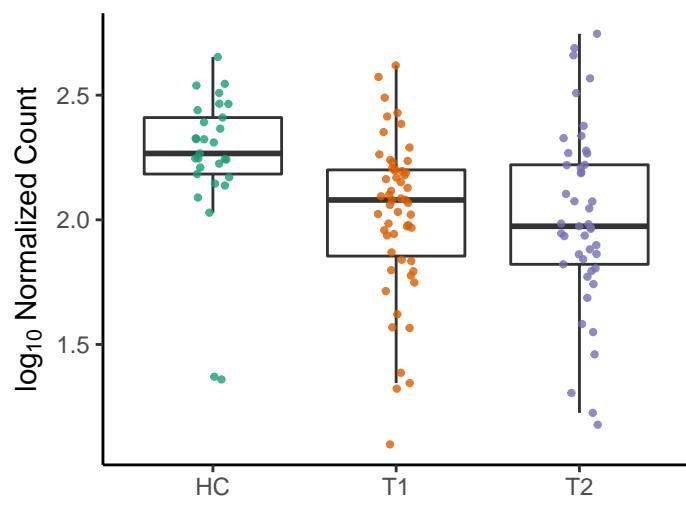
### Mixta

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.8



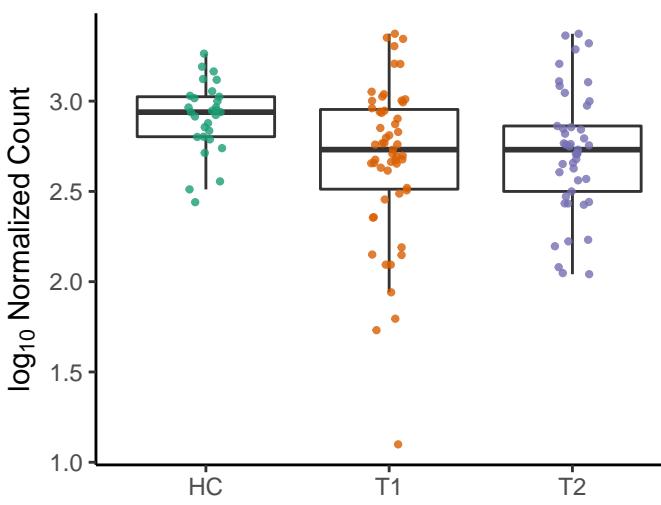
### Niastella

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 1



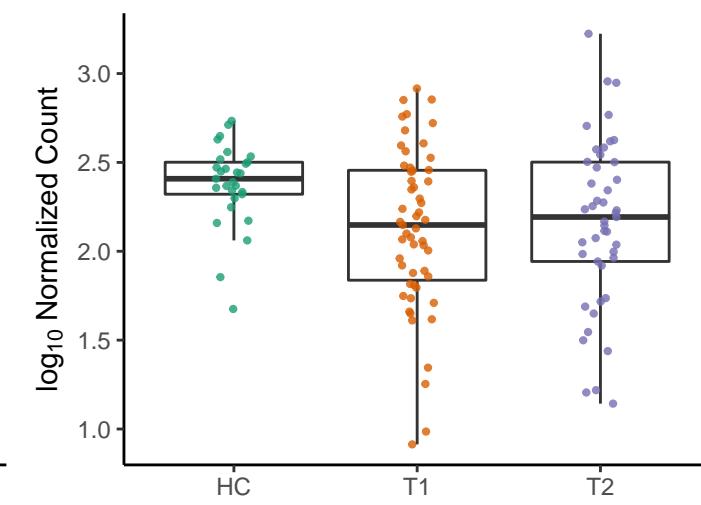
### Pseudarthrobacter

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



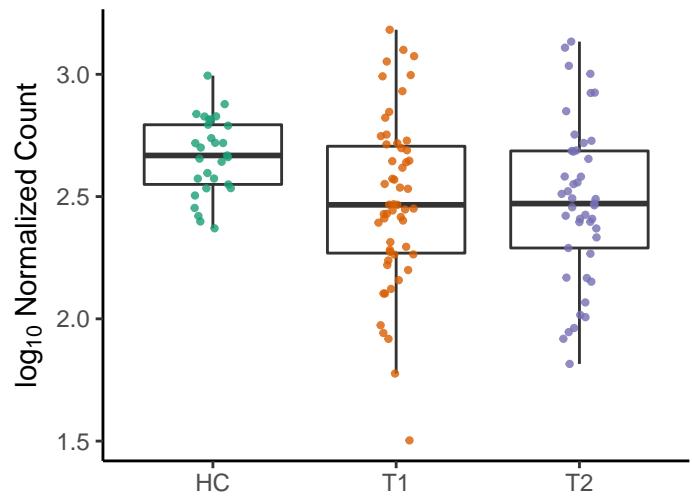
### Pseudolabrys

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.8



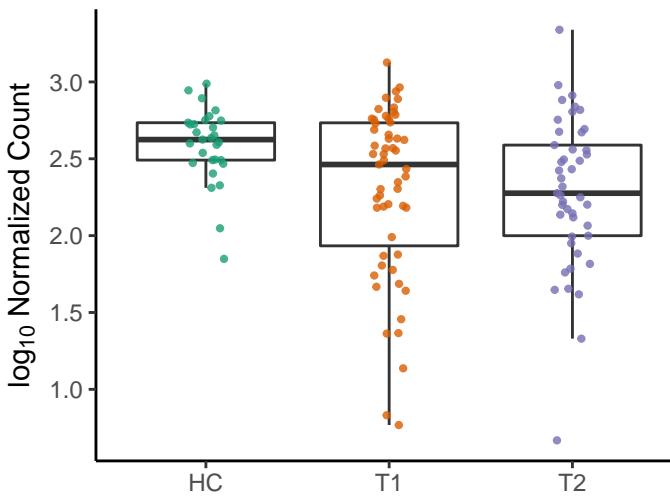
### Spirochaeta

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.99



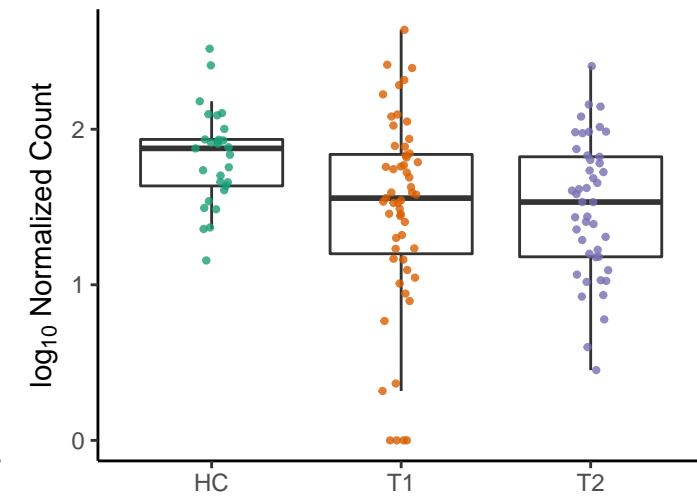
### Unclassified Desulfovibrionaceae Famil

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.9



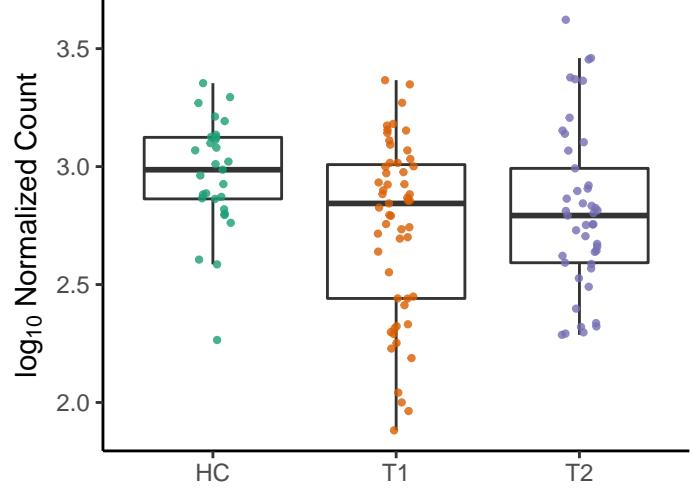
### Unclassified Planctomycetia Class

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.79



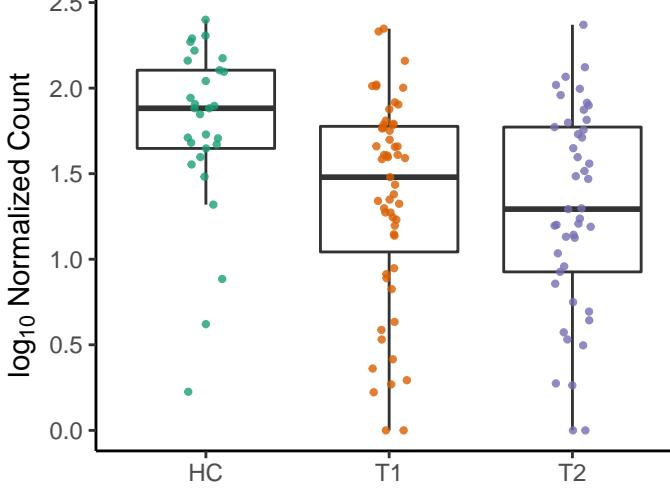
### Unclassified Rhizobiaceae Family

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.79



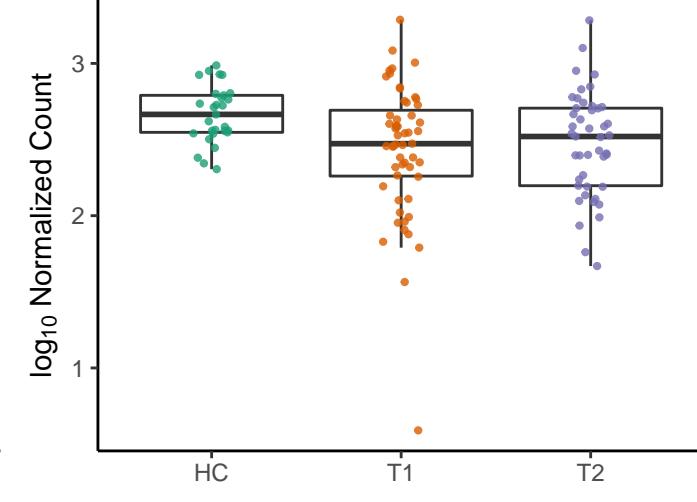
### Unclassified Rhodanobacteraceae Fam

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.91



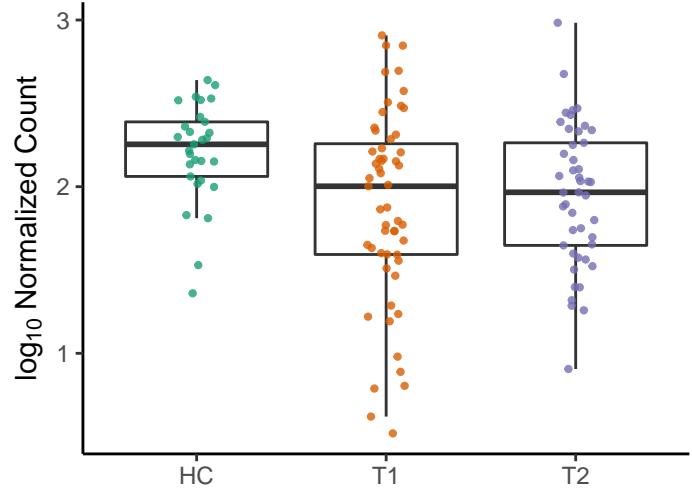
### Unclassified Sphingomonadaceae Family

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.8



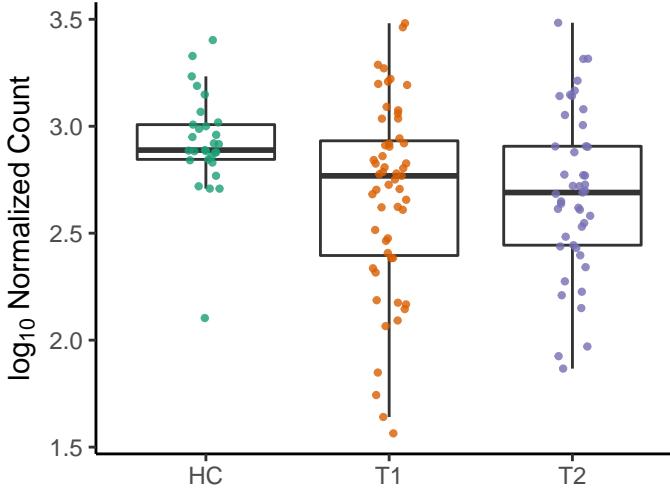
### Defluviimonas

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



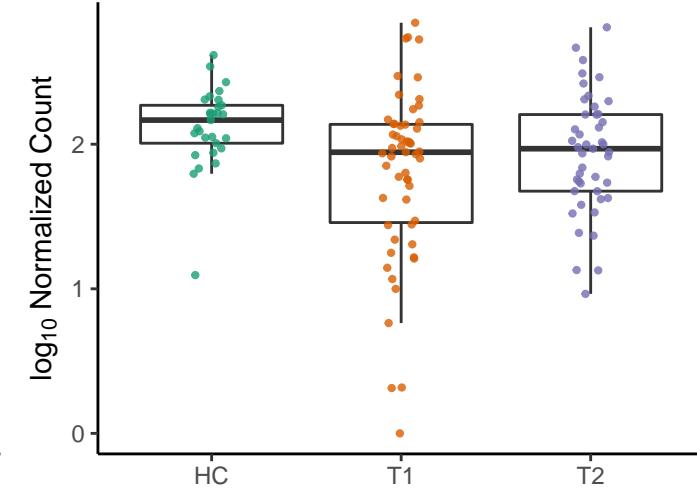
### Rhodoferax

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.8



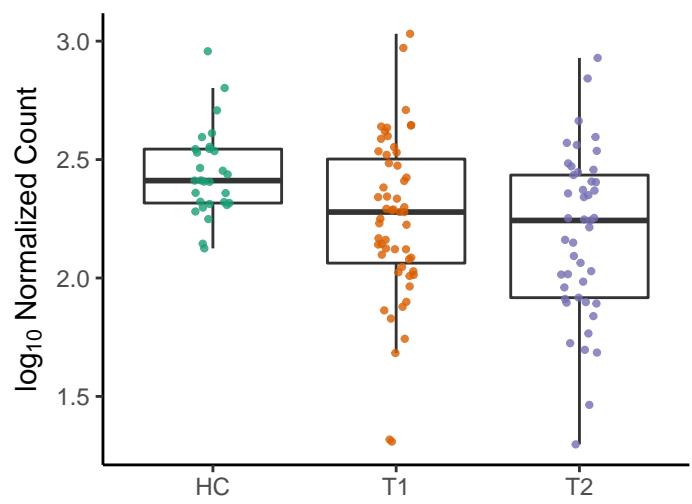
### Unclassified Rhodospirillaceae Family

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



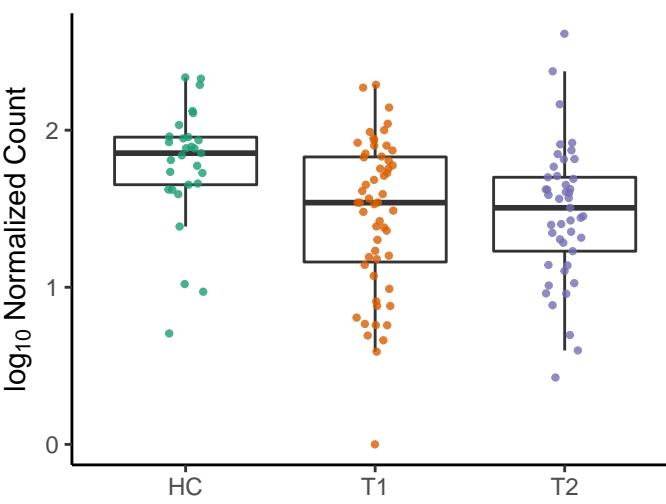
### Neurospora

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.79



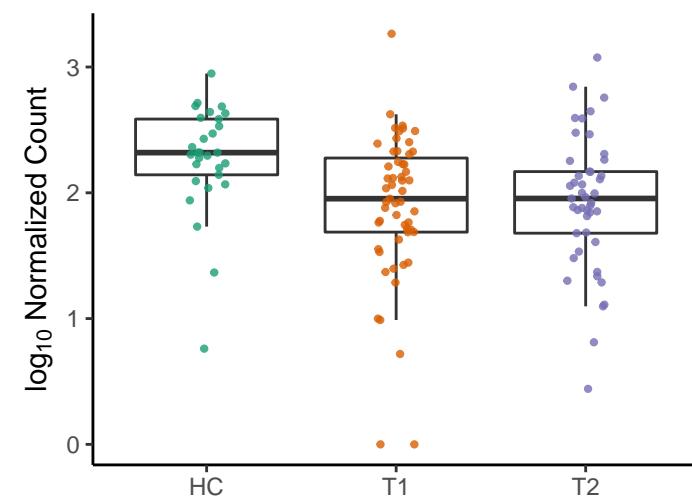
### Candidatus Protochlamydia

non-ED vs. T1 adjusted p = 0.0062  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.87



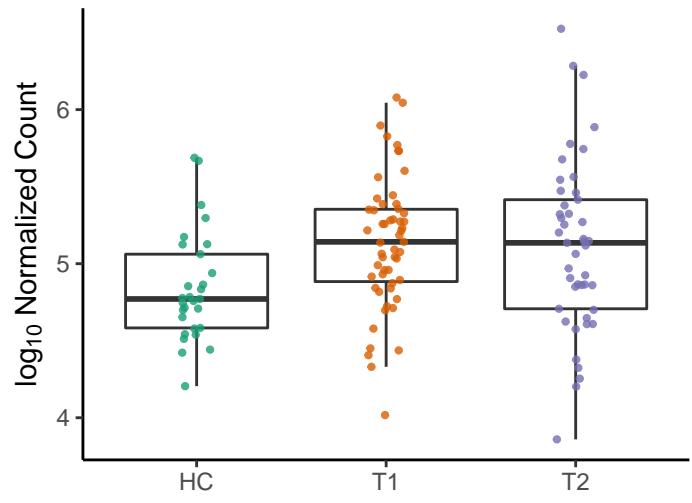
### Salinicola

non-ED vs. T1 adjusted p = 0.0063  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



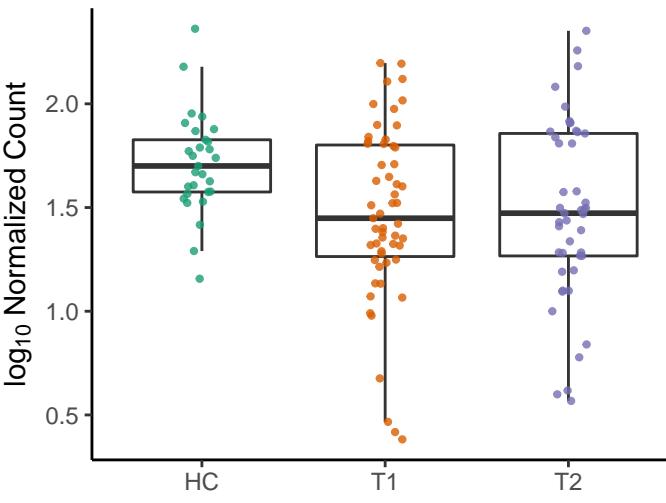
### Flavonifractor

non-ED vs. T1 adjusted p = 0.0064  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.92



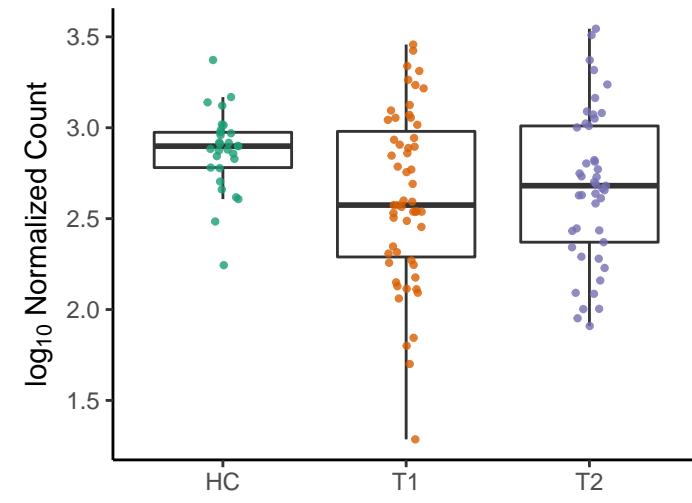
### Nitrincola

non-ED vs. T1 adjusted p = 0.0064  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.99



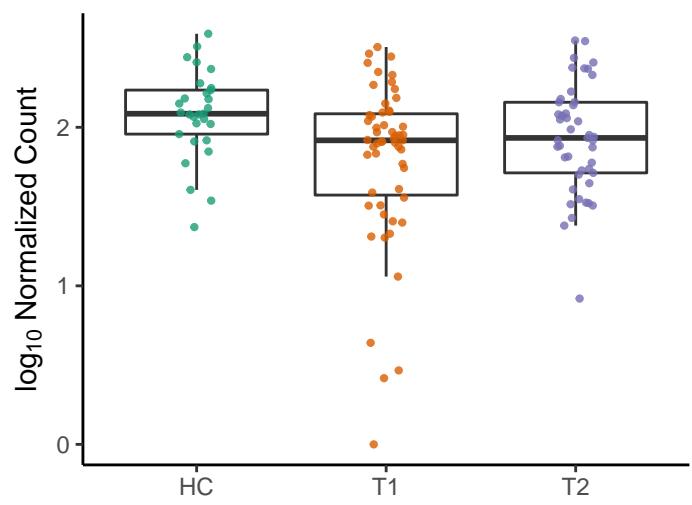
### Thioalkalivibrio

non-ED vs. T1 adjusted p = 0.0064  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



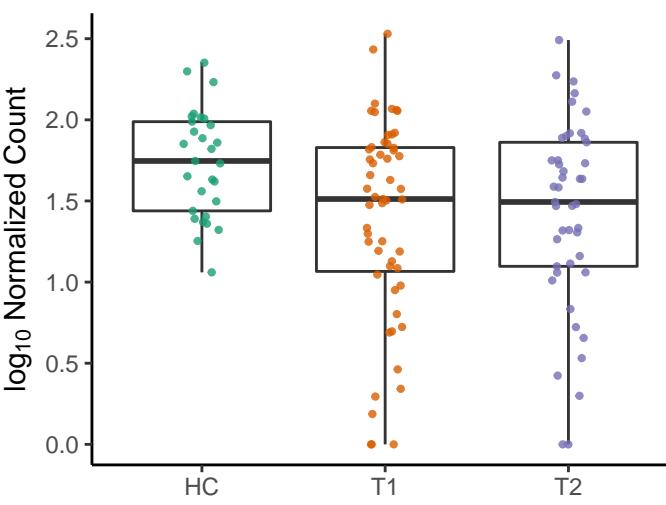
### Casimicrobium

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.79



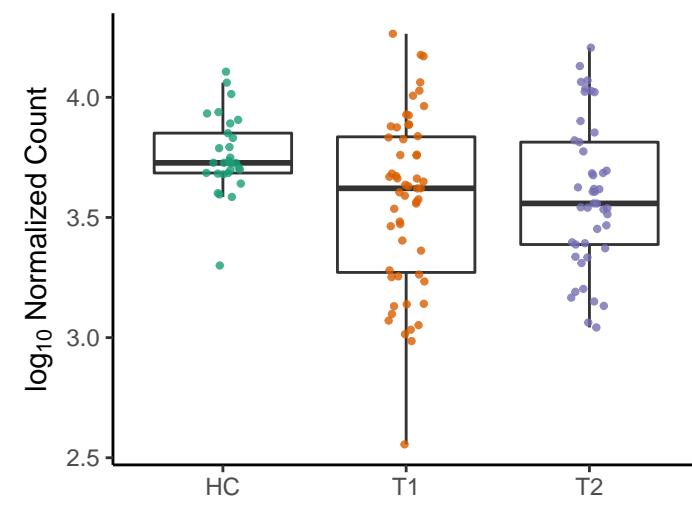
### Halobiforma

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



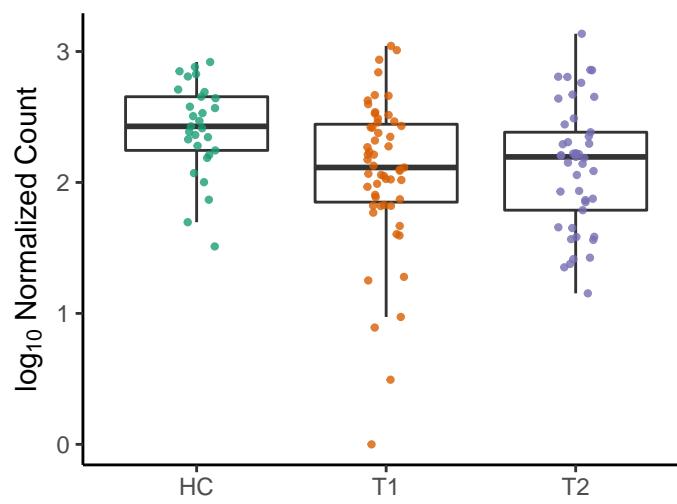
### Unclassified Planctomycetes Phylum

non-ED vs. T1 adjusted p = 0.0065  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



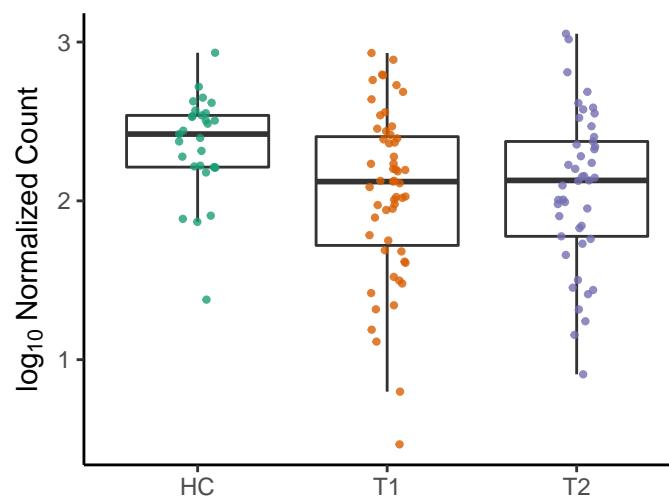
### *Isoptericola*

non-ED vs. T1 adjusted p = 0.0065  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.79



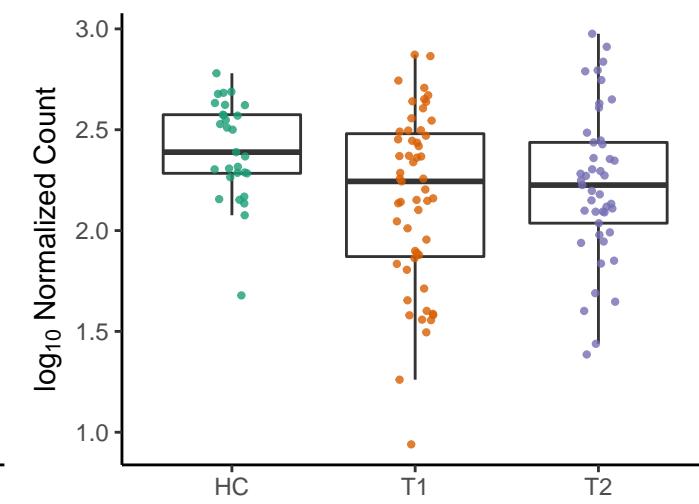
### *Salinispora*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.8



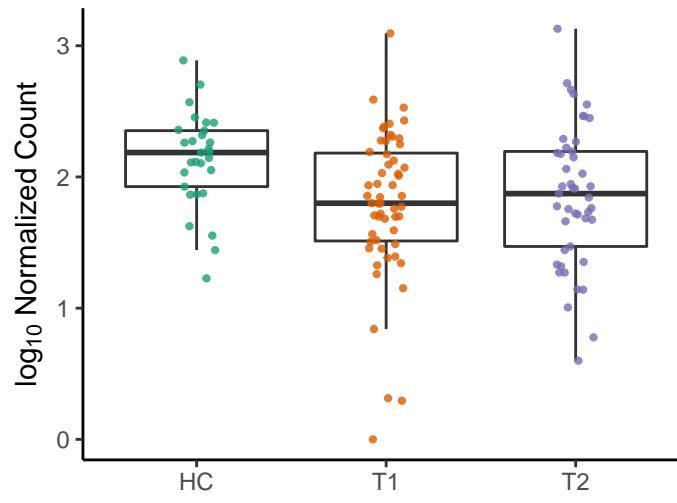
### *Aminobacter*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.79



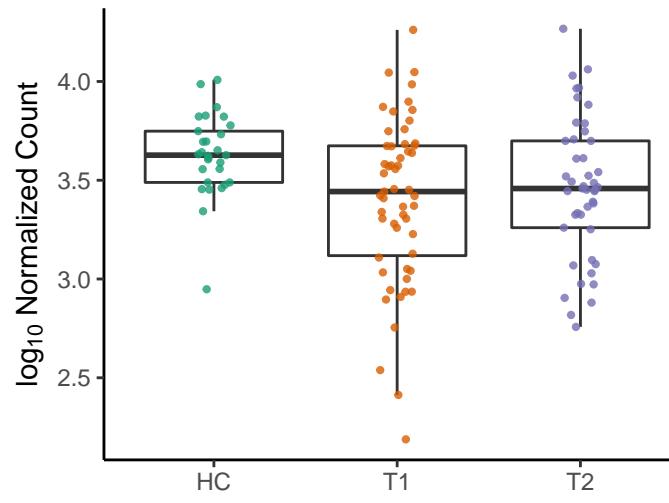
### *Luteipulveratus*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.79



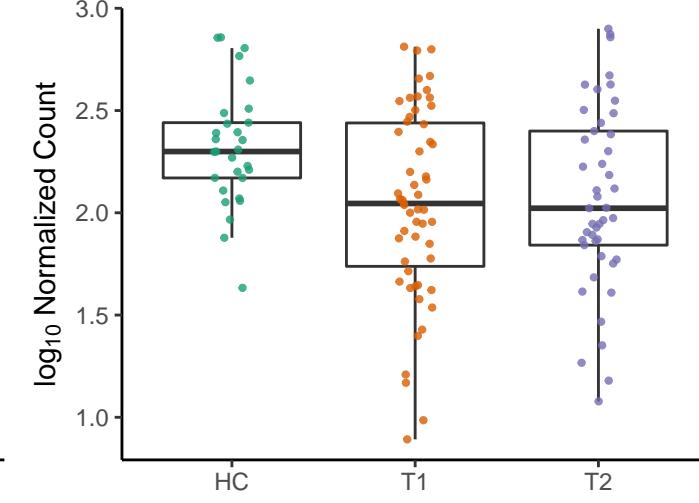
### *Mycobacterium*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.79



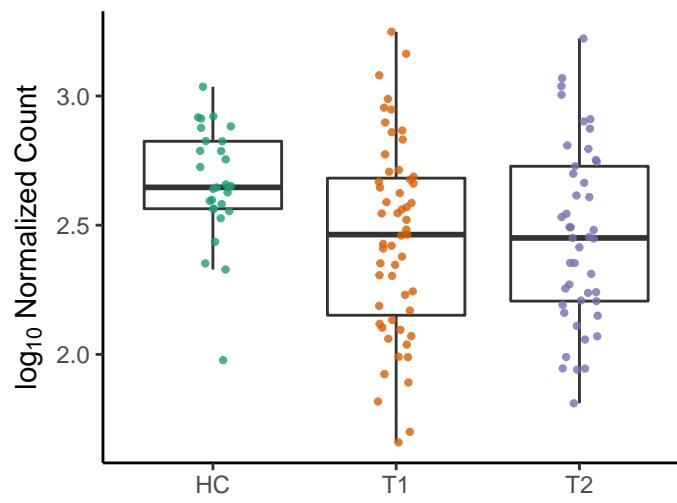
### *Nissabacter*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.019  
 T1 vs. T2 adjusted p = 0.79



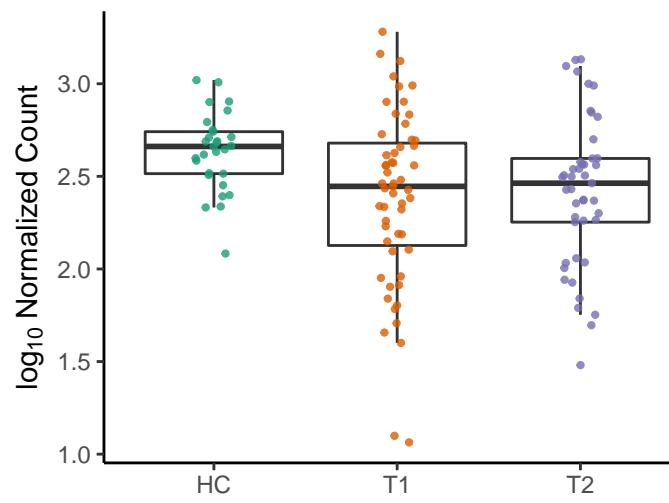
### *Nonlabens*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.015  
 T1 vs. T2 adjusted p = 0.92



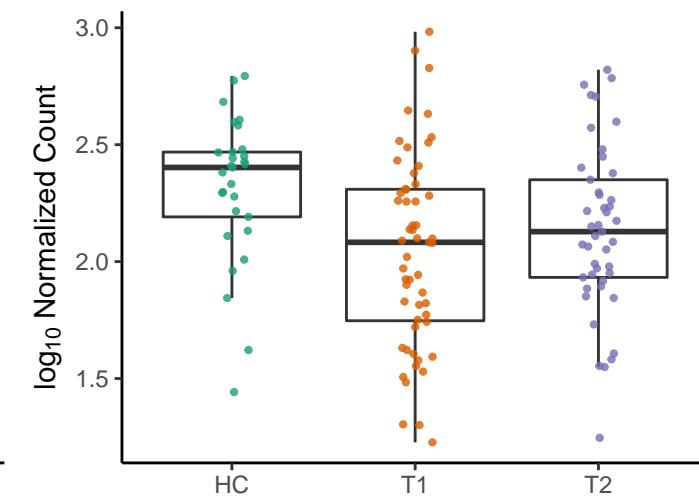
### *Planctomyces*

non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.8

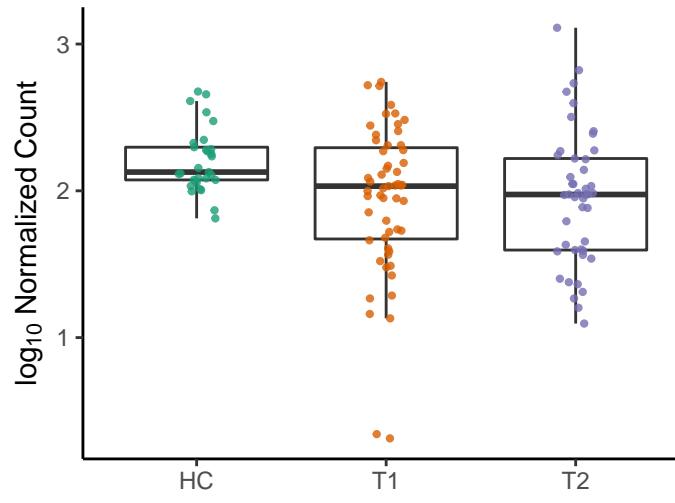


### *Roseobacter*

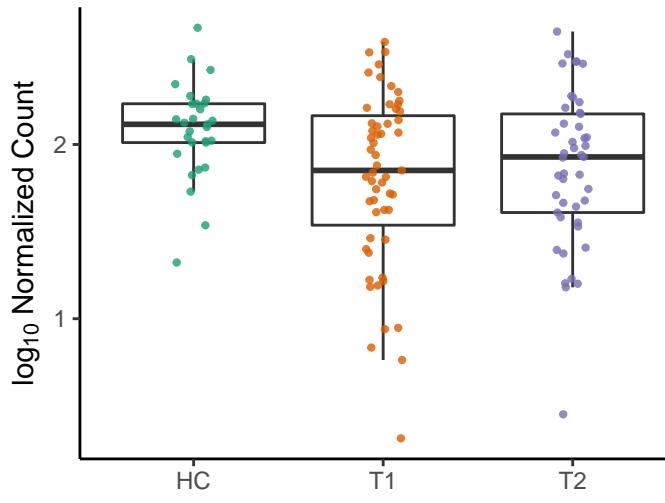
non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.051  
 T1 vs. T2 adjusted p = 0.79



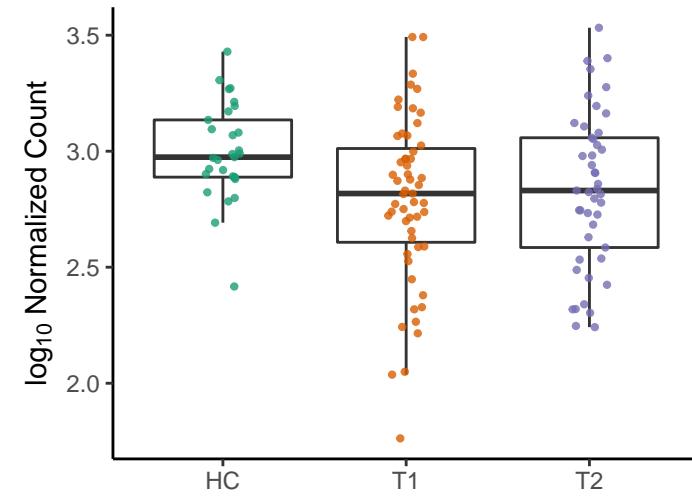
**Unclassified Methanomassiliicoccaceae**  
 non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.86



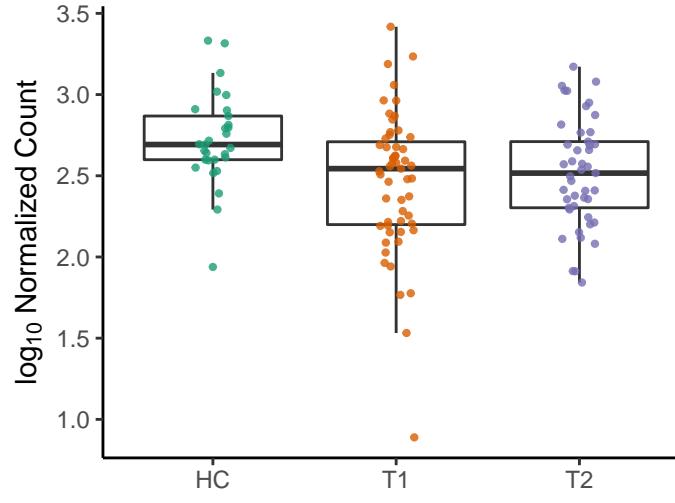
**Unclassified Rhodocyclales Order**  
 non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



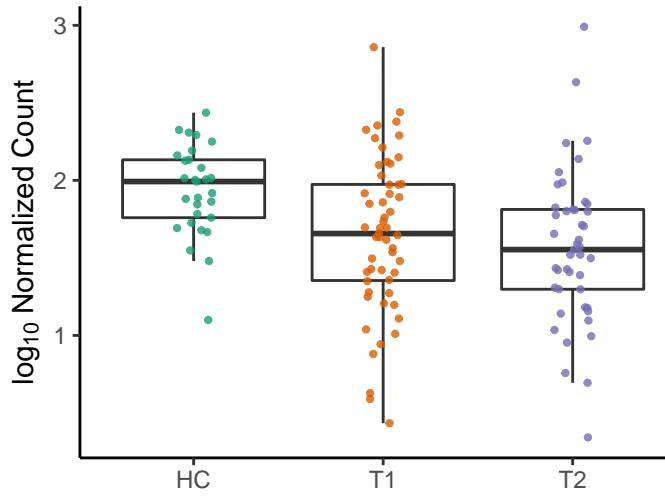
**Janthinobacterium**  
 non-ED vs. T1 adjusted p = 0.0066  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.79



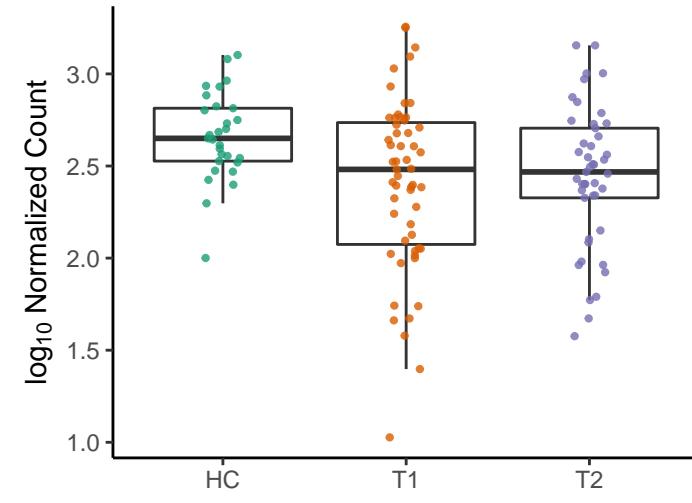
**Ensifer**  
 non-ED vs. T1 adjusted p = 0.0067  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.79



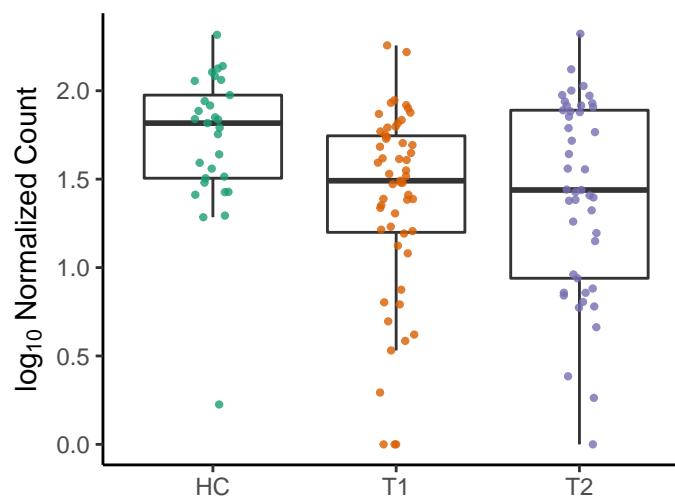
**Crocospaera**  
 non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.0035  
 T1 vs. T2 adjusted p = 0.8



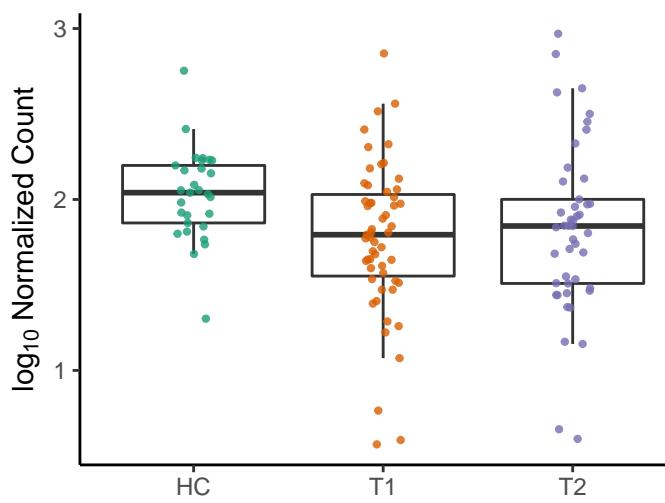
**Unclassified Streptomycetaceae Family**  
 non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.79



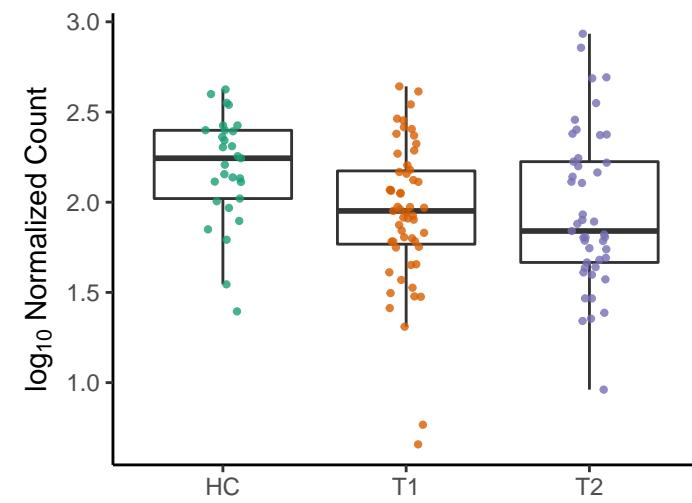
**Thermovibrio**  
 non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.81



**Dinoroseobacter**  
 non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.8

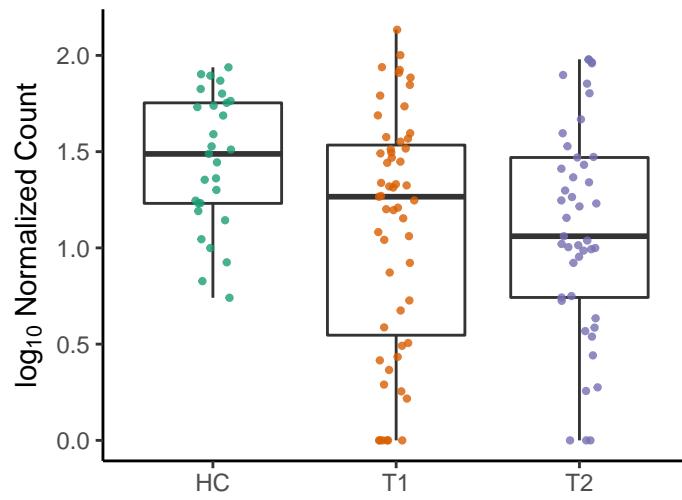


**Nautilia**  
 non-ED vs. T1 adjusted p = 0.0068  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 1



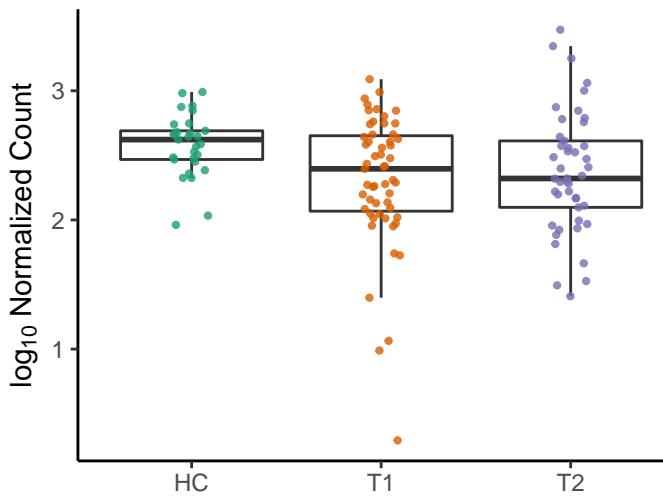
### Unclassified Streptosporangiales Order

non-ED vs. T1 adjusted p = 0.0068  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.86



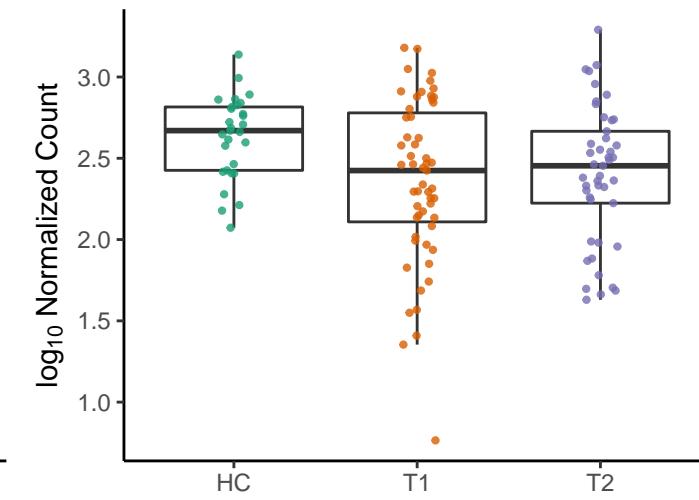
### Tsukamurella

non-ED vs. T1 adjusted p = 0.0068  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



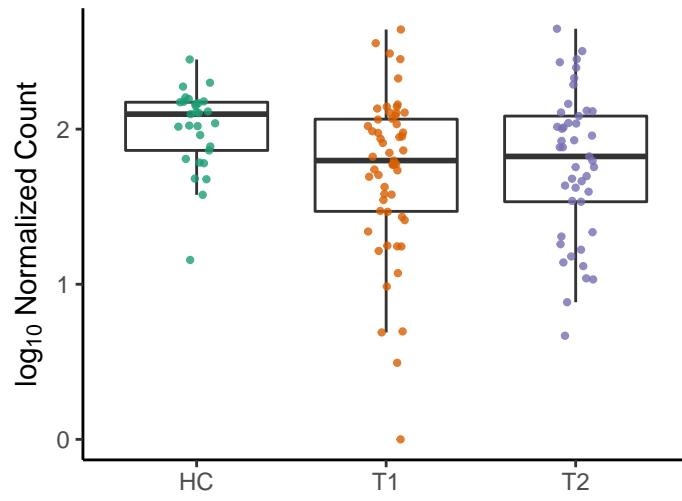
### Rhodospirillum

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



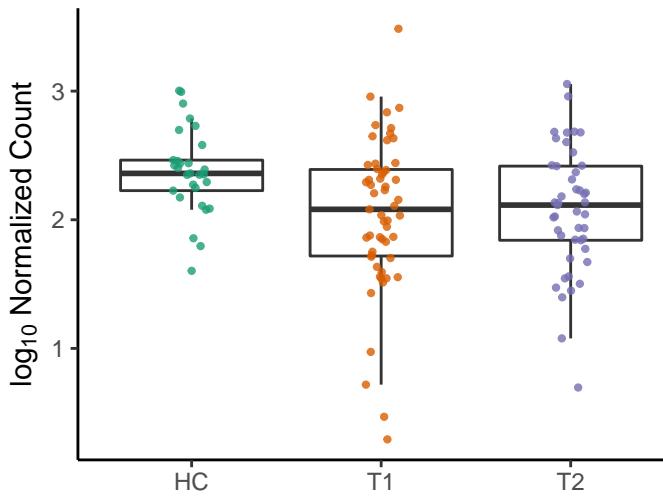
### Crenobacter

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.8



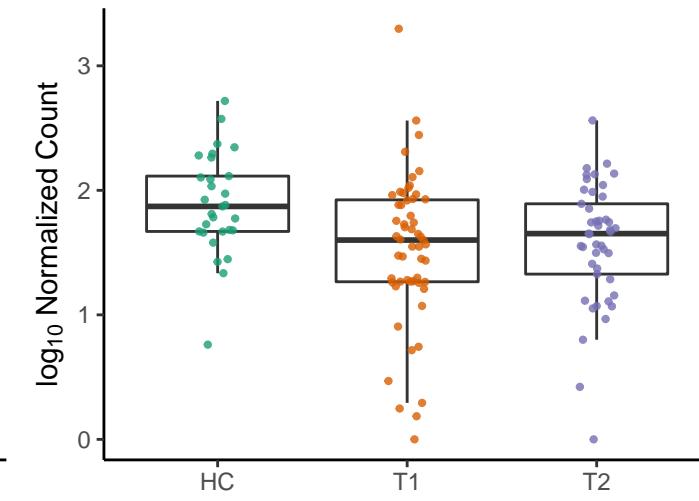
### Unclassified Micromonosporaceae Famil

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.81



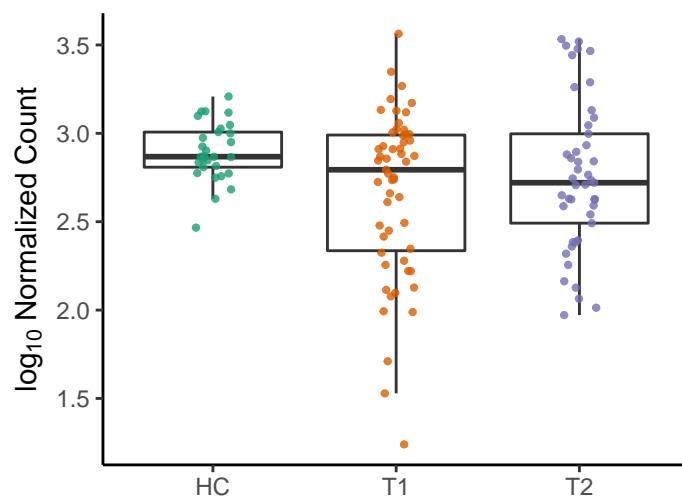
### Methylovirgula

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



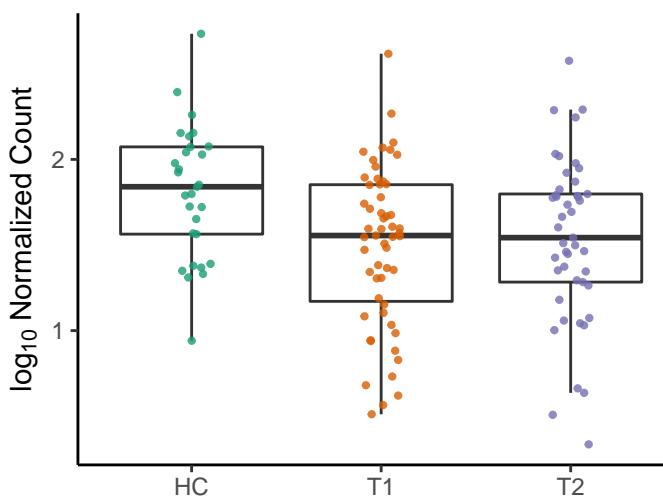
### Heliobacterium

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.79



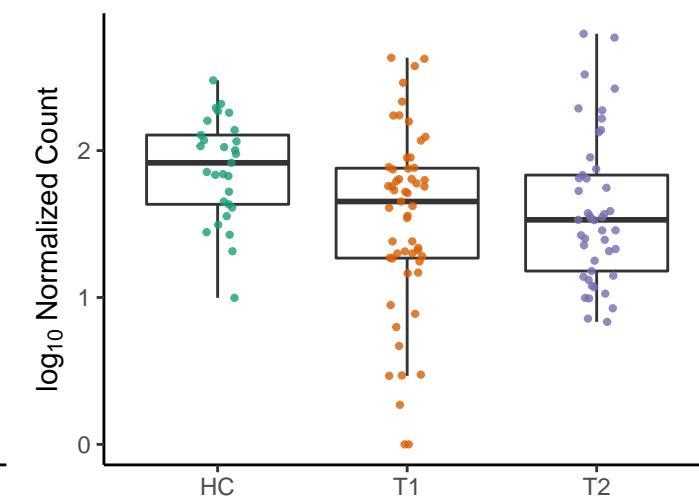
### Methanomethylovorans

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.92



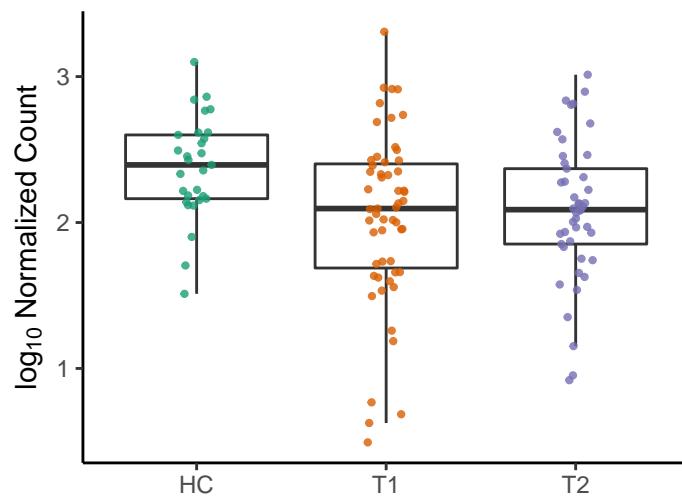
### Hydrocarboniclastica

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



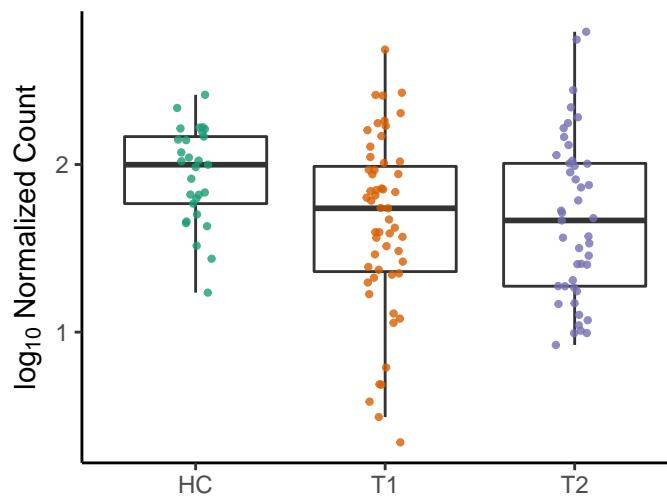
### Rhizobacter

non-ED vs. T1 adjusted p = 0.0069  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



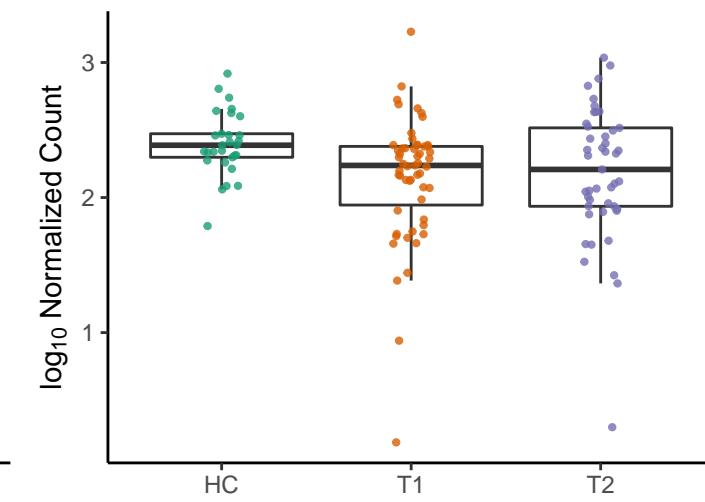
### Dermacoccus

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.89



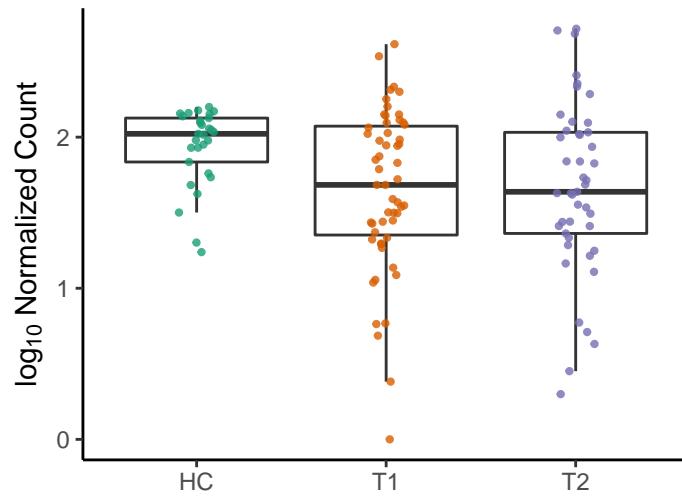
### Microvirgula

non-ED vs. T1 adjusted p = 0.007  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



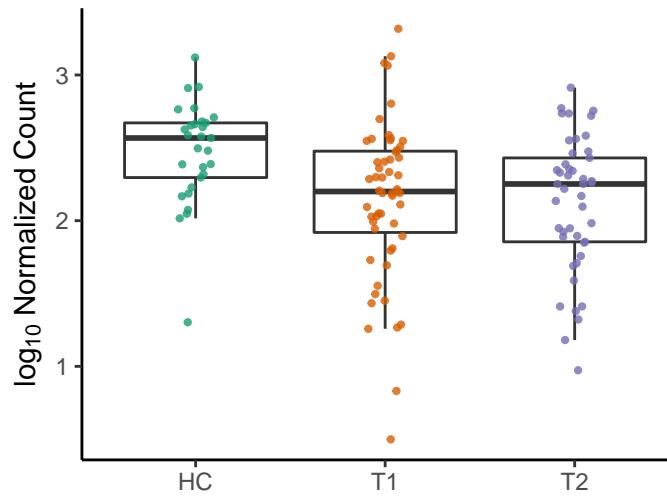
### Frateuria

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



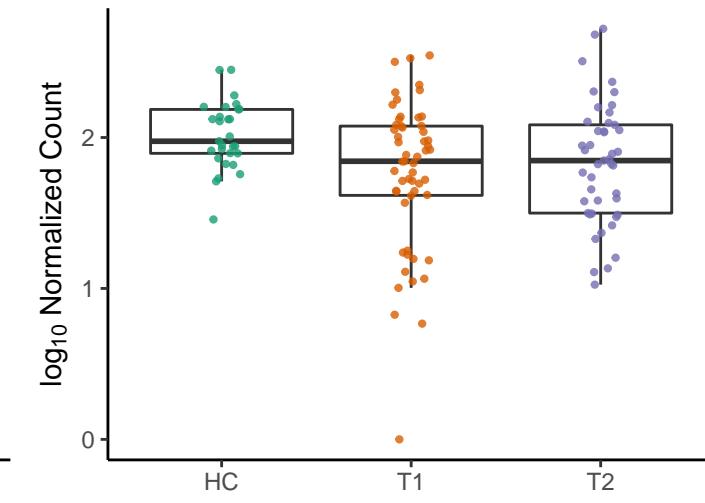
### Propionimicrobium

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.93



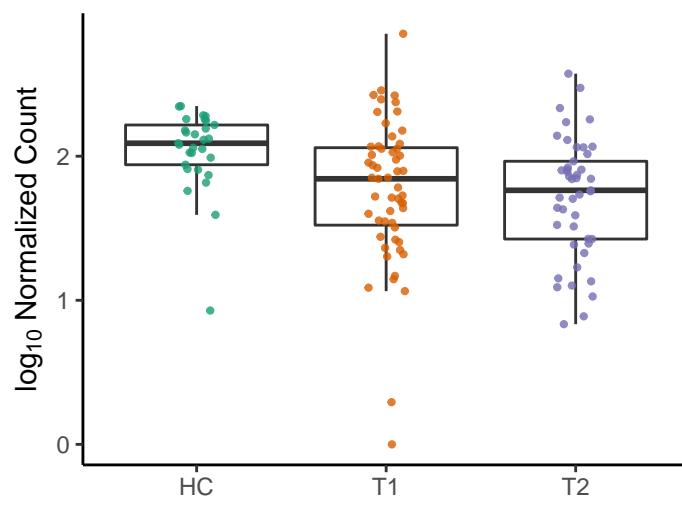
### Edaphobacter

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.8



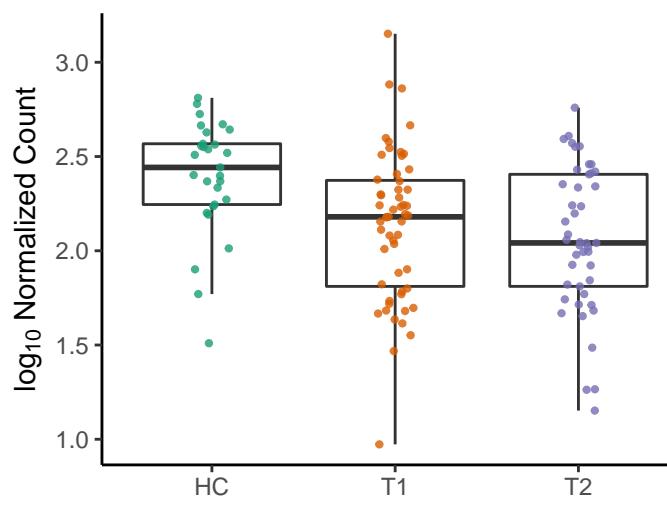
### Salinivirga

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0039  
T1 vs. T2 adjusted p = 0.82



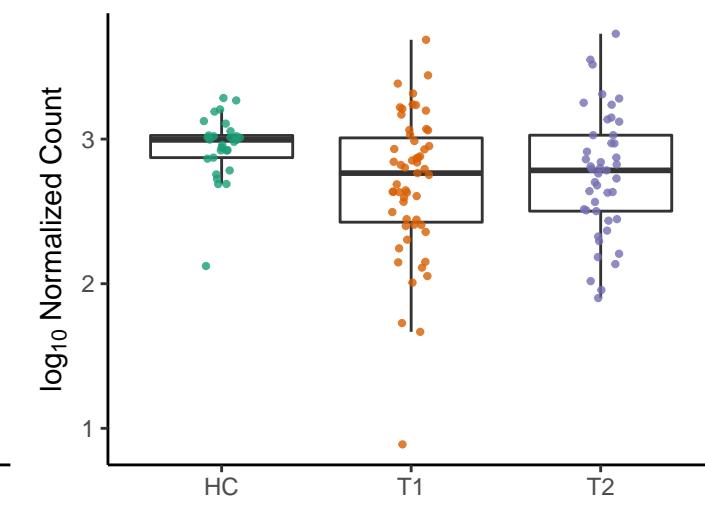
### Blattabacterium

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.0036  
T1 vs. T2 adjusted p = 0.79



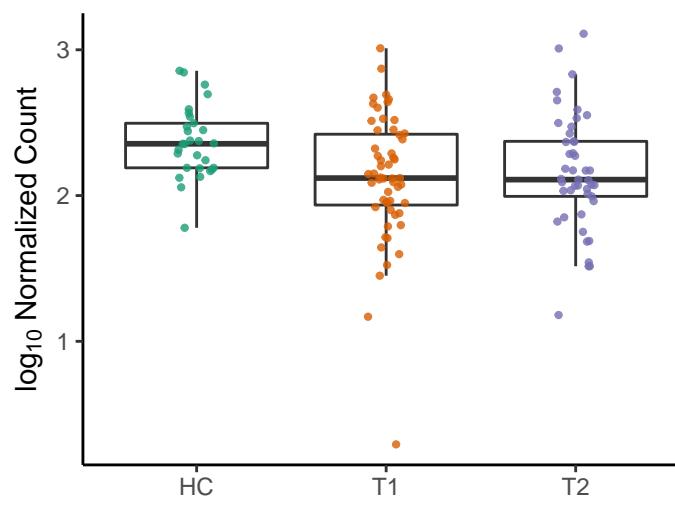
### Rathayibacter

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



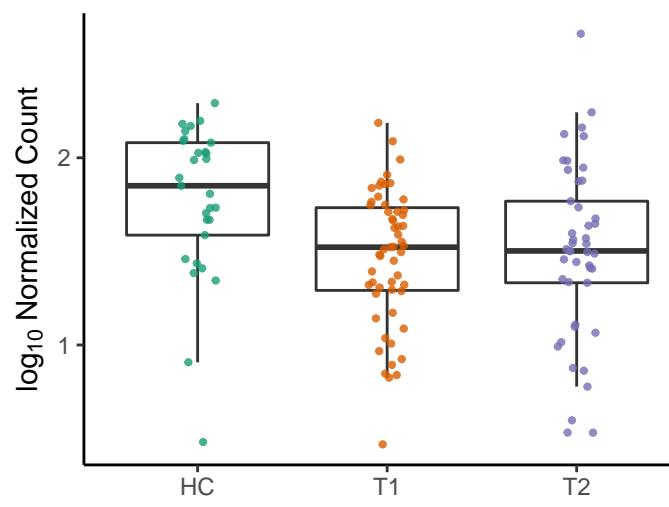
### Unclassified Chromatiaceae Family

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.8



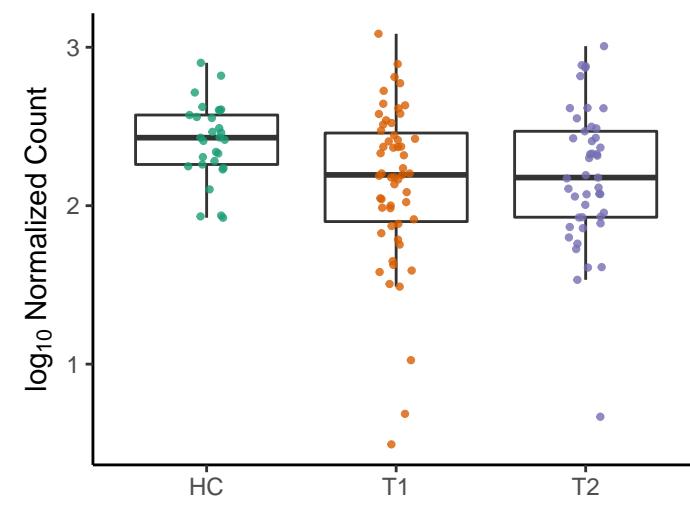
### Dolichospermum

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.81



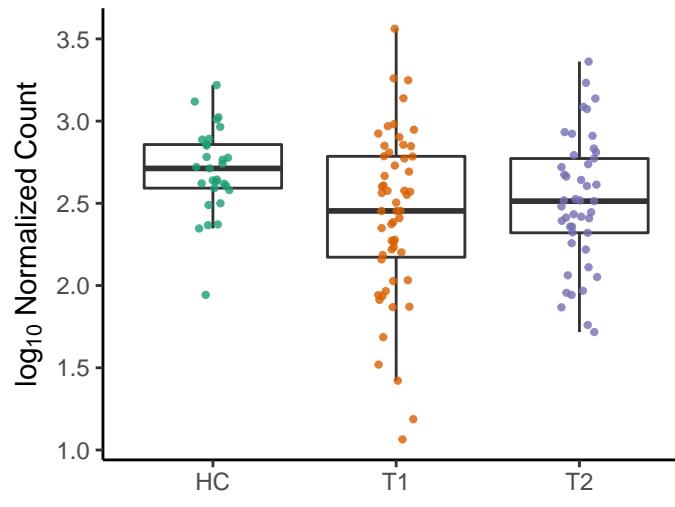
### Salinibacter

non-ED vs. T1 adjusted p = 0.0071  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.81



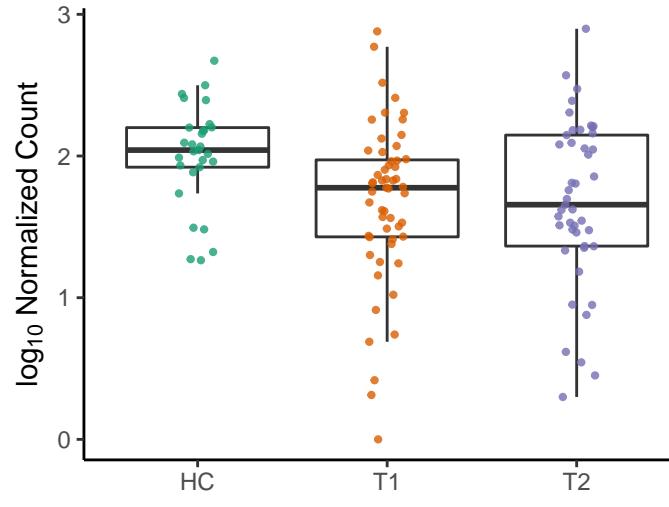
### Ornithinimicrobium

non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



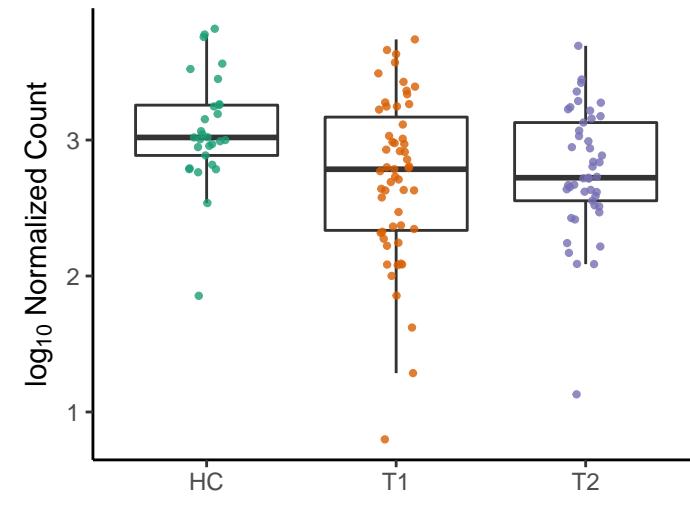
### Variibacter

non-ED vs. T1 adjusted p = 0.0072  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.83



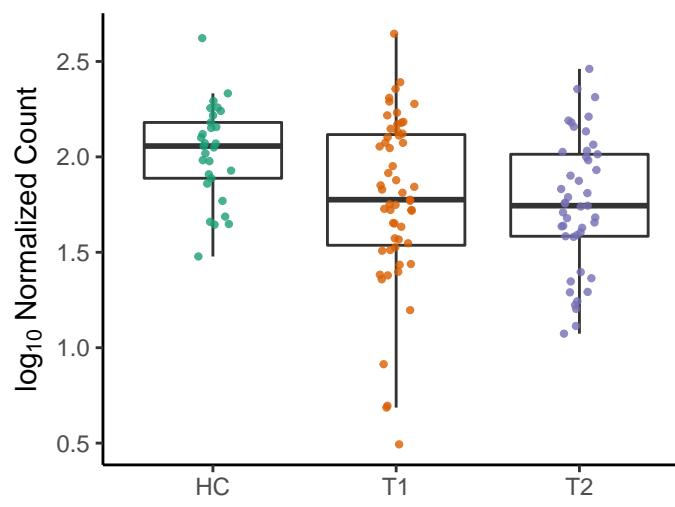
### Denitrobacterium

non-ED vs. T1 adjusted p = 0.0073  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



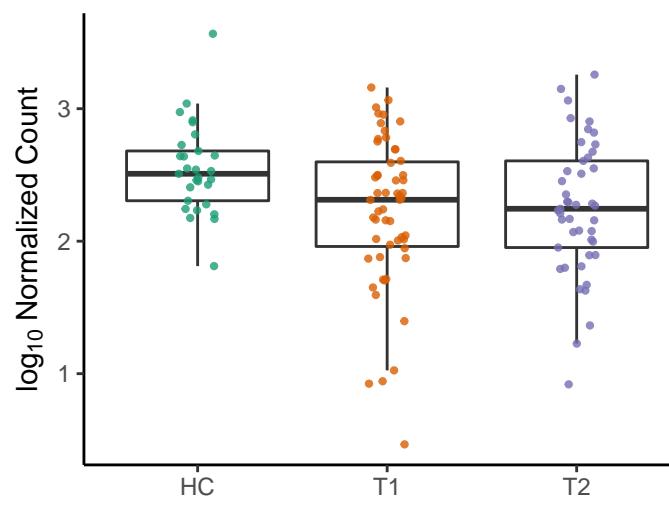
### Novibacillus

non-ED vs. T1 adjusted p = 0.0073  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 1



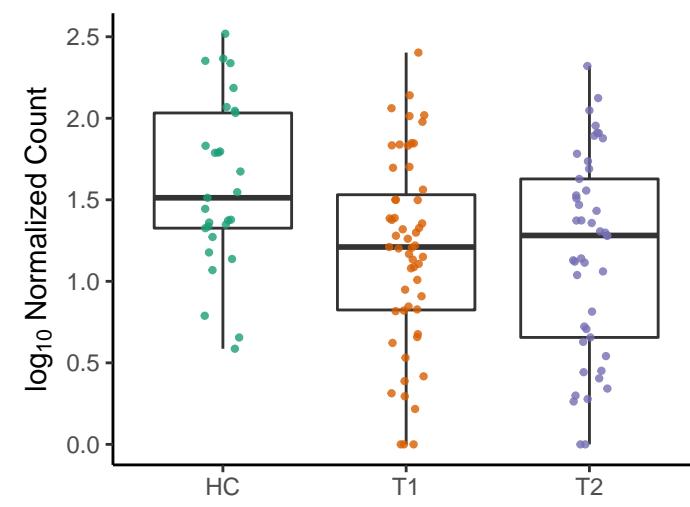
### Phenylbacterium

non-ED vs. T1 adjusted p = 0.0073  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.81



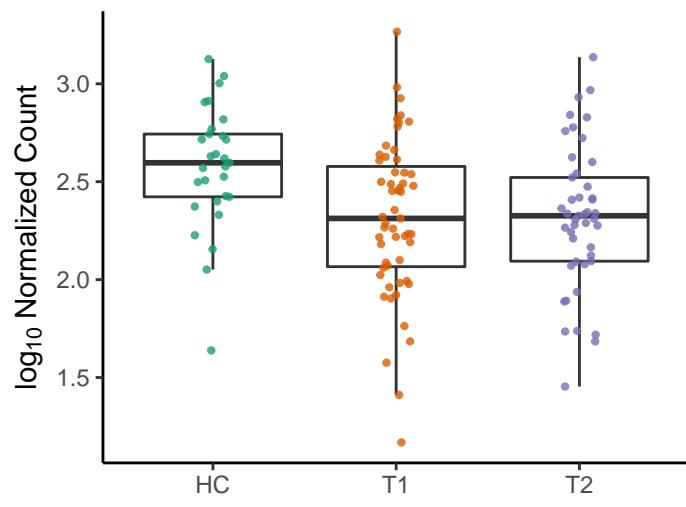
### Unclassified Promicromonosporaceae F

non-ED vs. T1 adjusted p = 0.0074  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.86



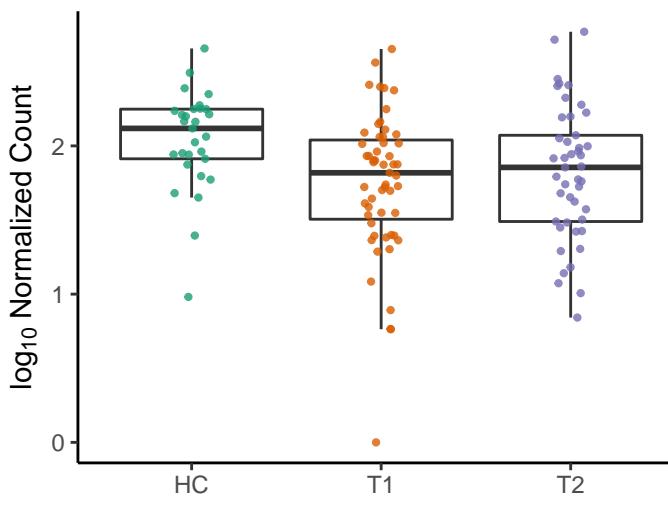
### *Gluconobacter*

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.8



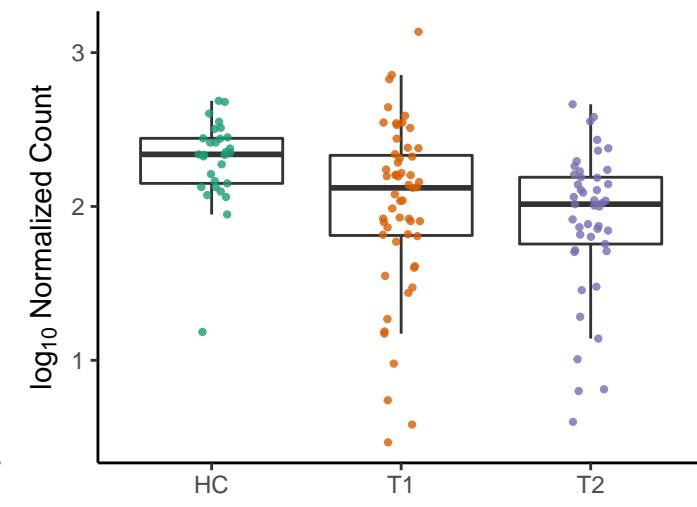
### *Allochromatium*

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



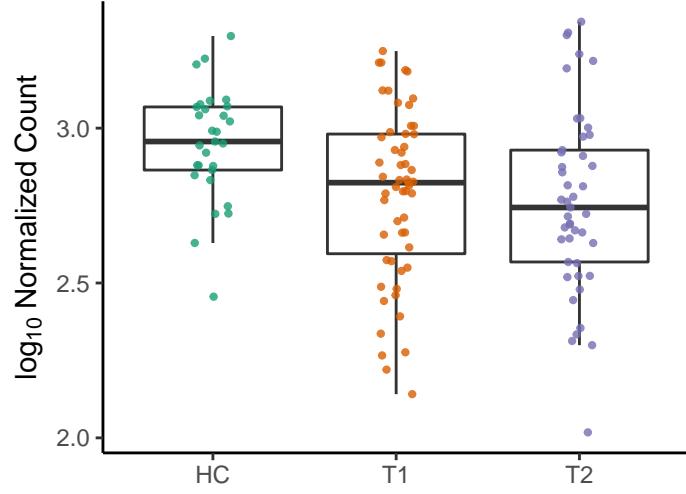
### *Ferrovibrio*

non-ED vs. T1 adjusted p = 0.0074  
 non-ED vs. T2 adjusted p = 0.0025  
 T1 vs. T2 adjusted p = 0.91



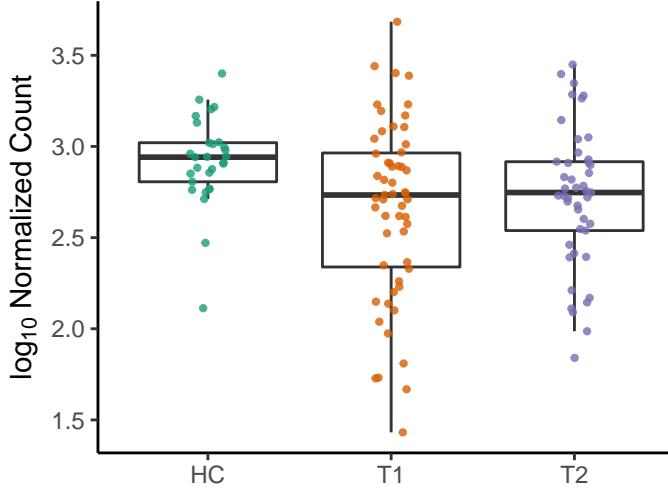
### *Pectobacterium*

non-ED vs. T1 adjusted p = 0.0075  
 non-ED vs. T2 adjusted p = 0.011  
 T1 vs. T2 adjusted p = 0.99



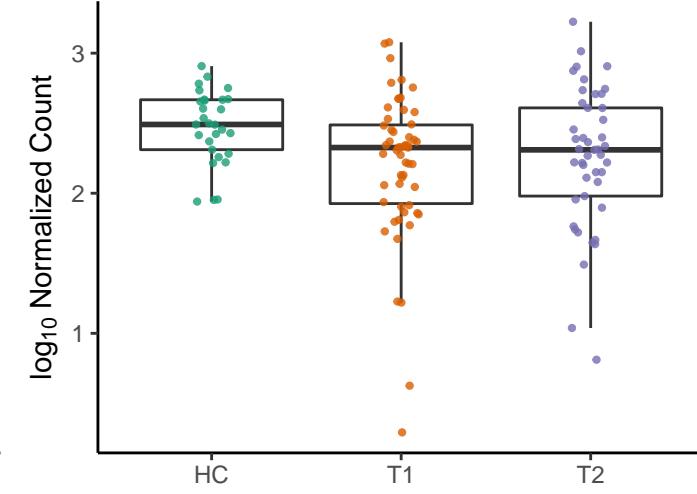
### Unclassified Comamonadaceae Family

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.79



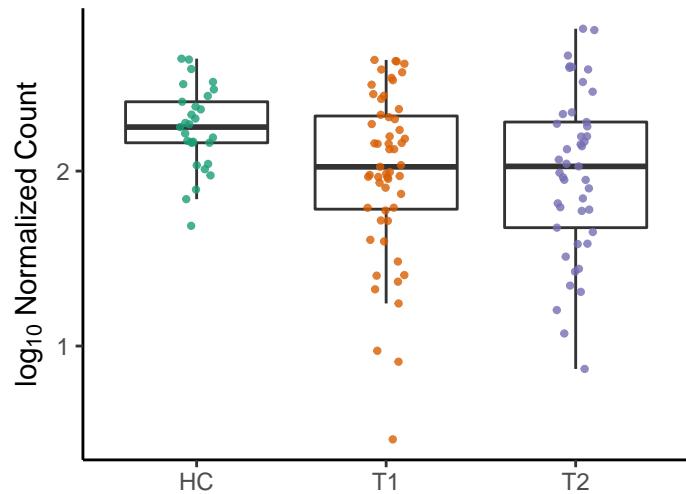
### *Halorubrum*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.79



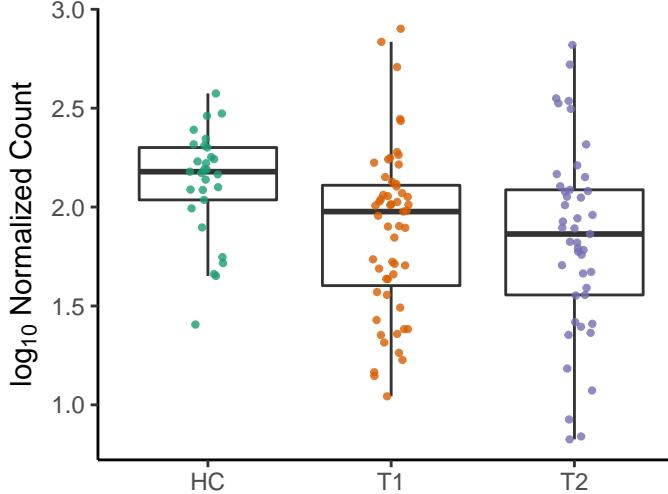
### *Sulfurivermis*

non-ED vs. T1 adjusted p = 0.0077  
 non-ED vs. T2 adjusted p = 0.016  
 T1 vs. T2 adjusted p = 0.9



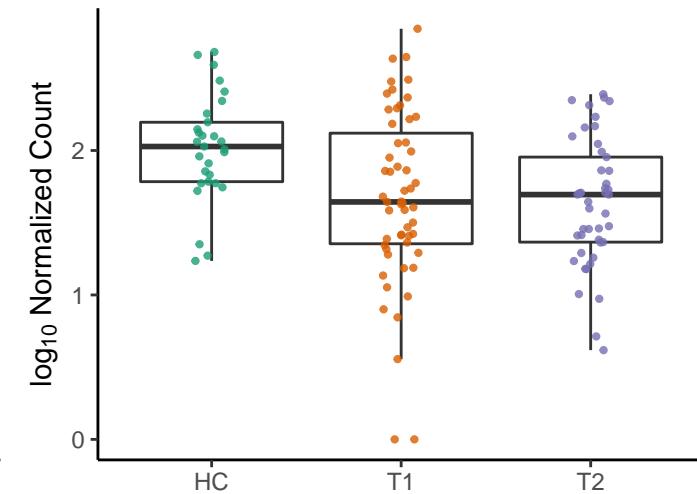
### *Pyrococcus*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.012  
 T1 vs. T2 adjusted p = 0.93



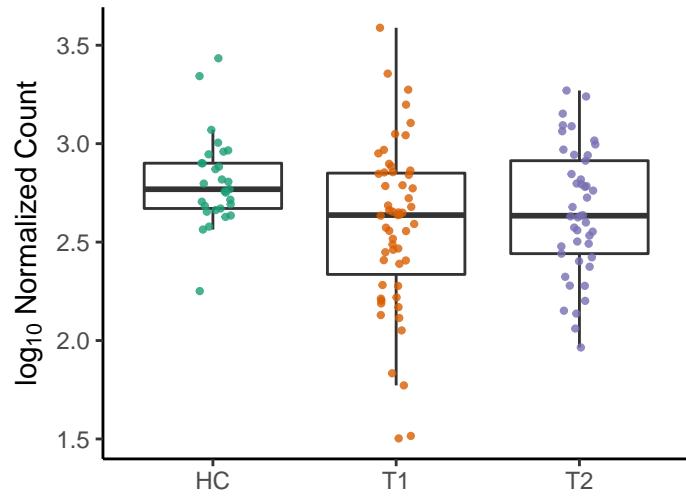
### *Pistricoccus*

non-ED vs. T1 adjusted p = 0.0078  
 non-ED vs. T2 adjusted p = 0.0048  
 T1 vs. T2 adjusted p = 1



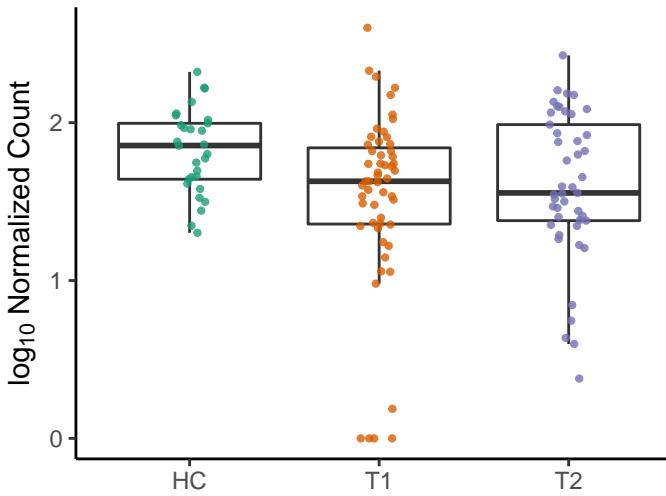
### Alcanivorax

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



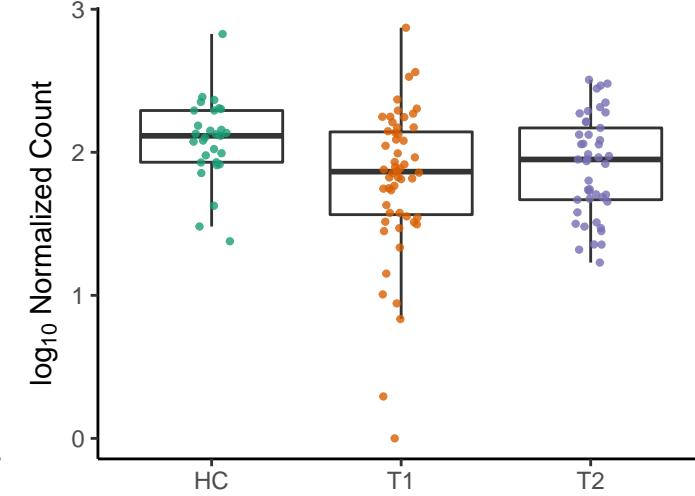
### Bacterioplanes

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.79



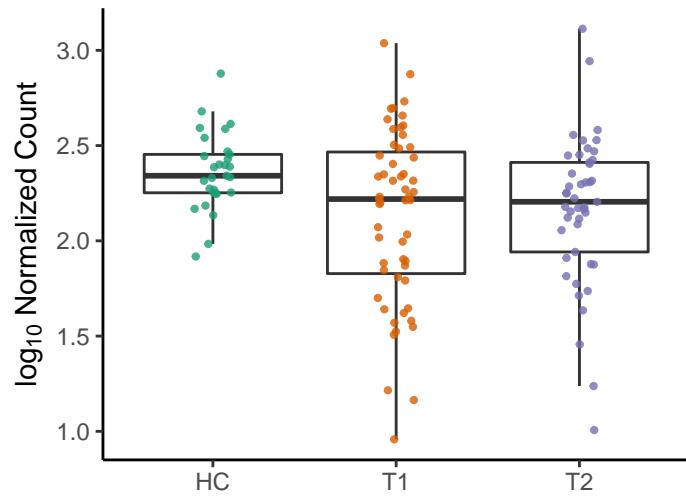
### Denitratisoma

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.79



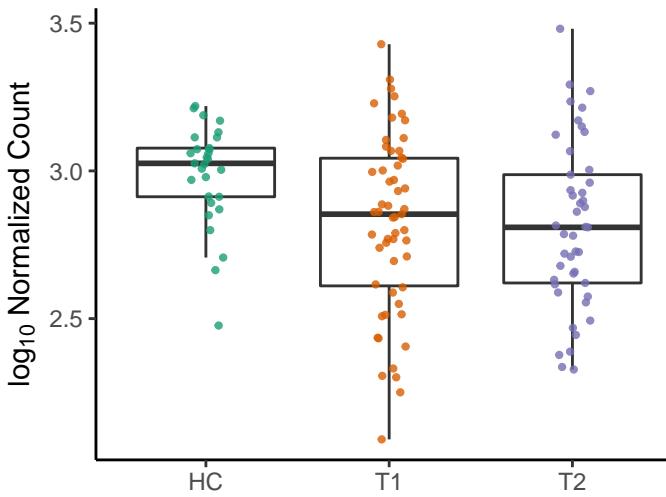
### Emcibacter

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.82



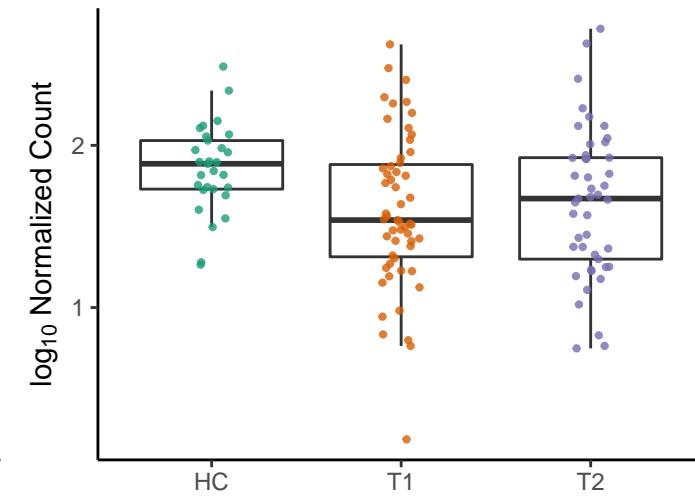
### Fusarium

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.97



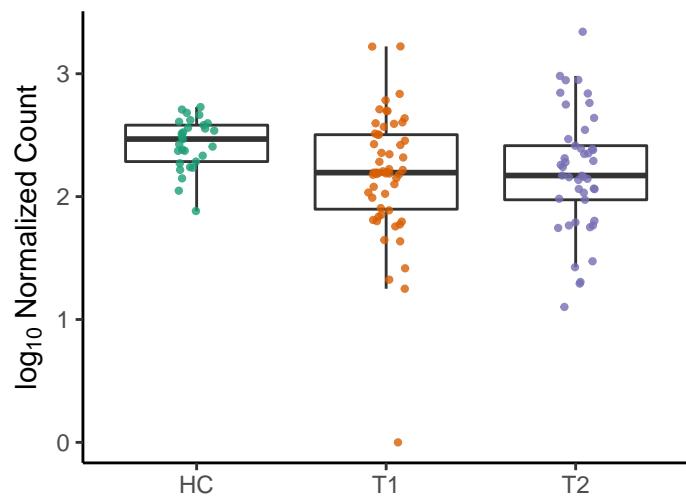
### Ketobacter

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.91



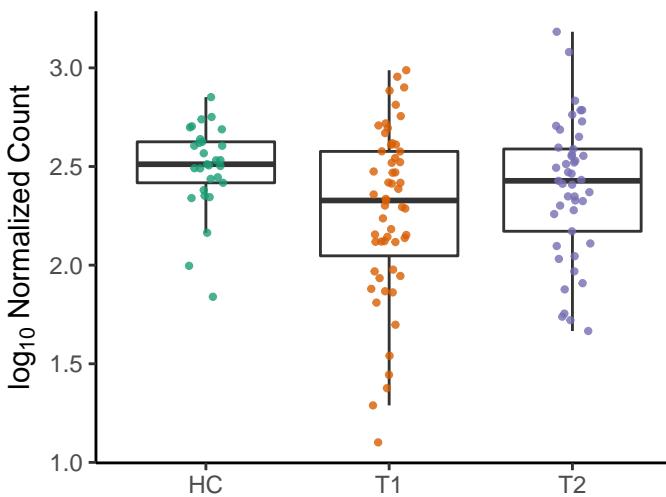
### Luteibacter

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.9



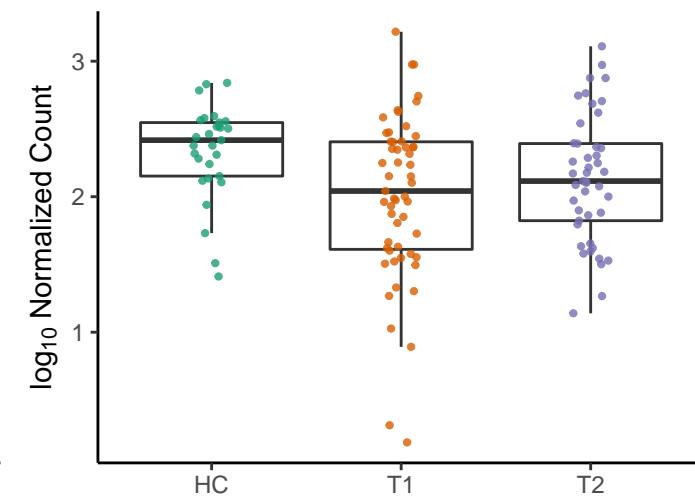
### Nakamurella

non-ED vs. T1 adjusted p = 0.0078  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



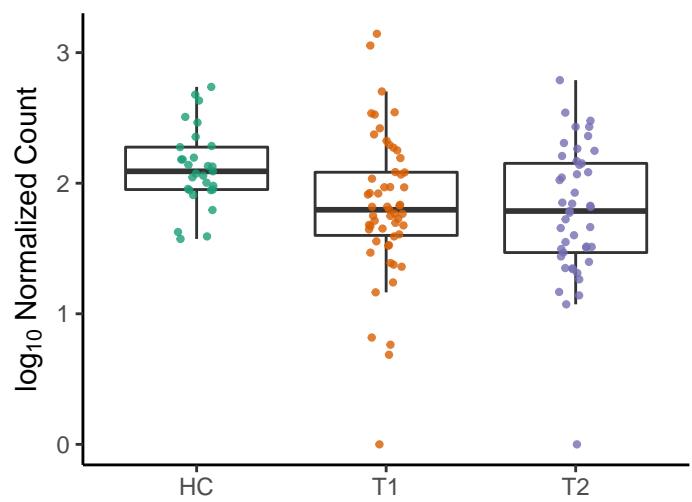
### Thermomonospora

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.79



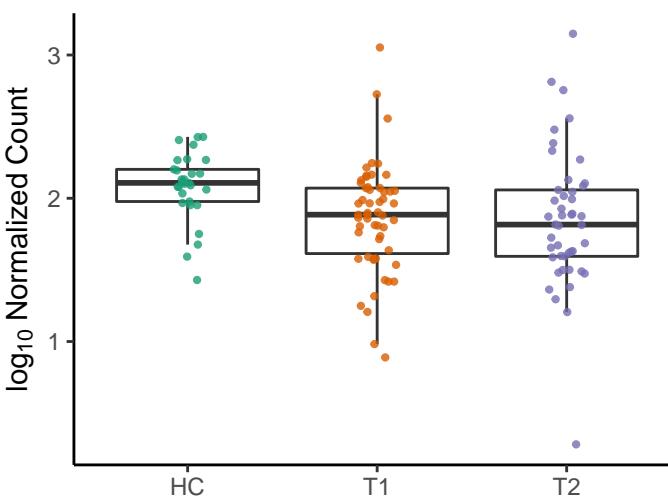
### Fuerstia

non-ED vs. T1 adjusted p = 0.0079  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 1



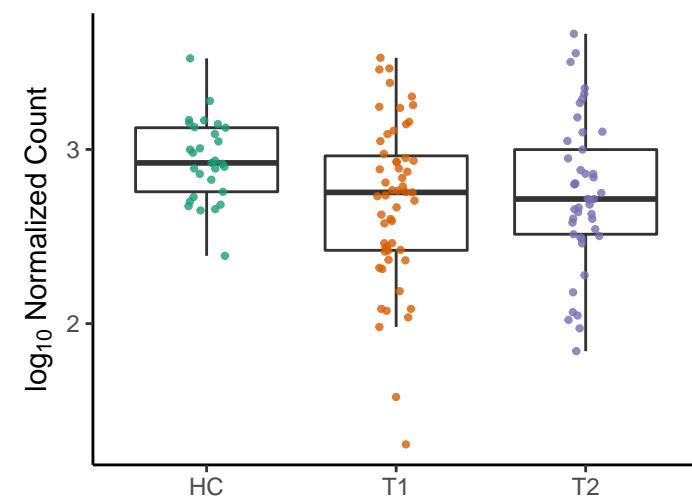
### Rouxiella

non-ED vs. T1 adjusted p = 0.0081  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 1



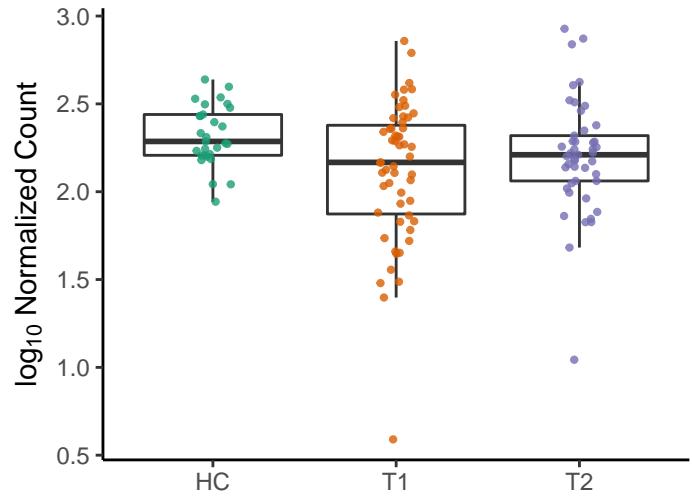
### Brachybacterium

non-ED vs. T1 adjusted p = 0.0081  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



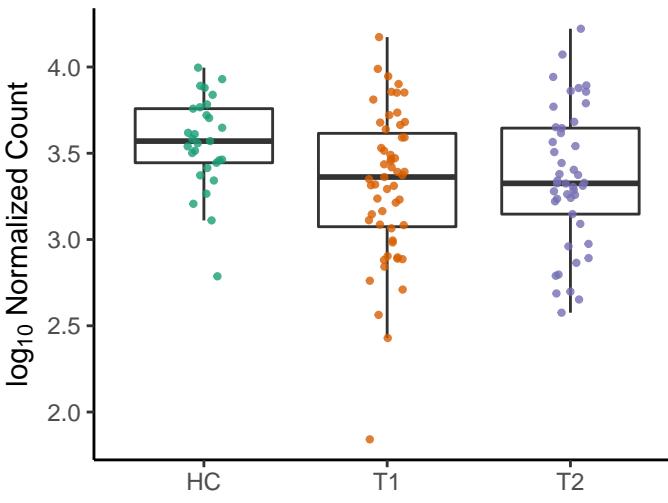
### Dechloromonas

non-ED vs. T1 adjusted p = 0.0081  
non-ED vs. T2 adjusted p = 0.079  
T1 vs. T2 adjusted p = 0.79



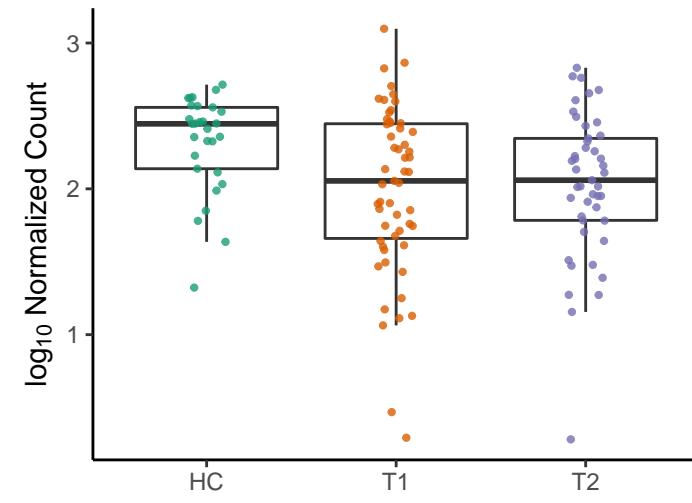
### Microbacterium

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



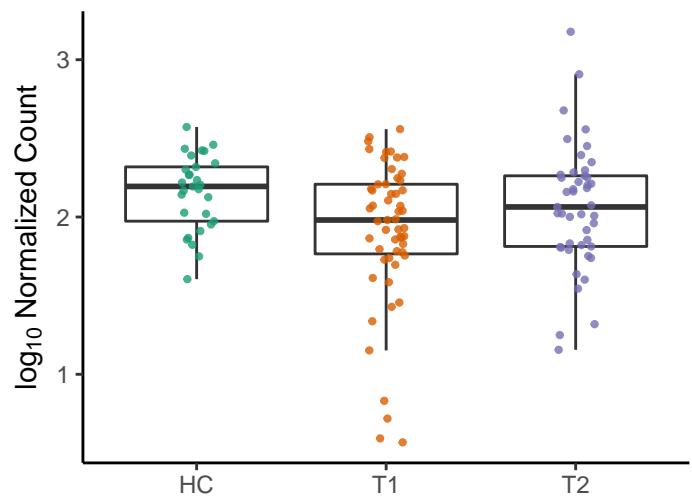
### Phycisphaera

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.92



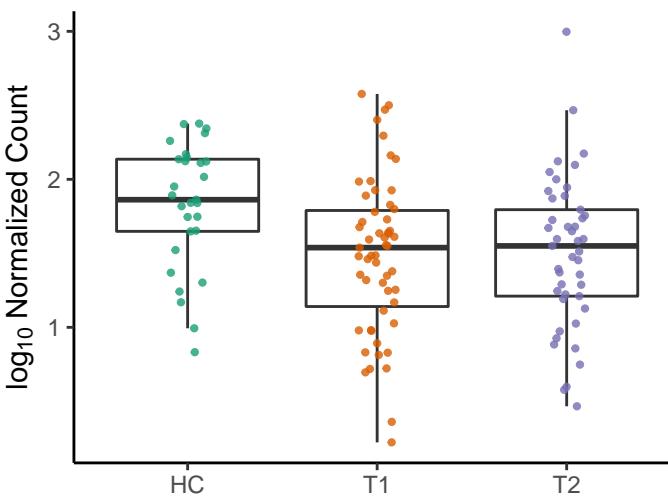
### Acidobacterium

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.79



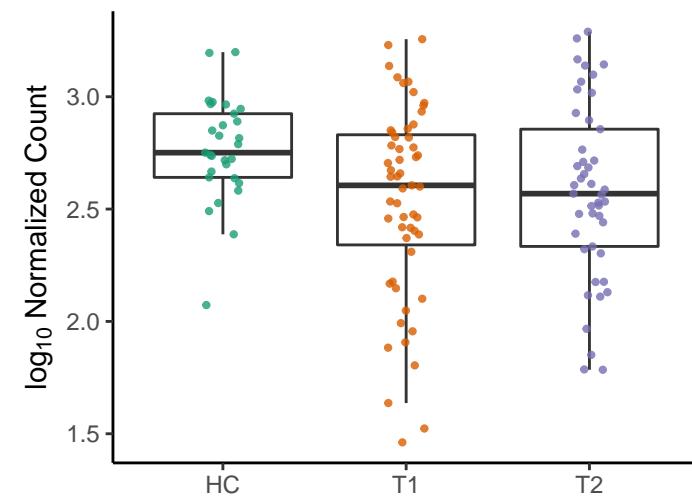
### Bergeyella

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



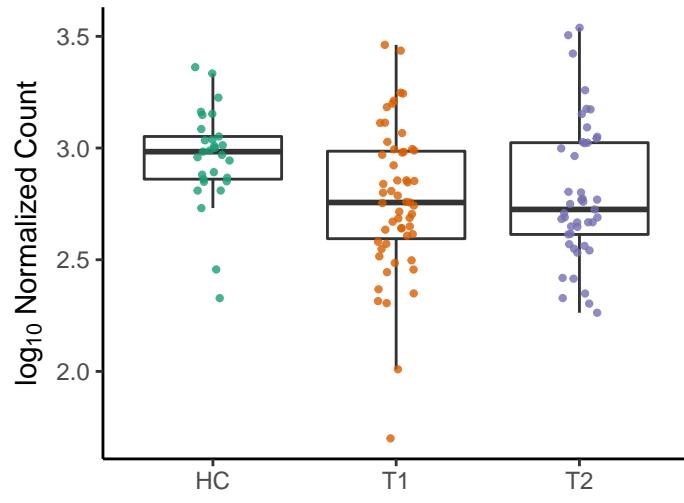
### Devosia

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



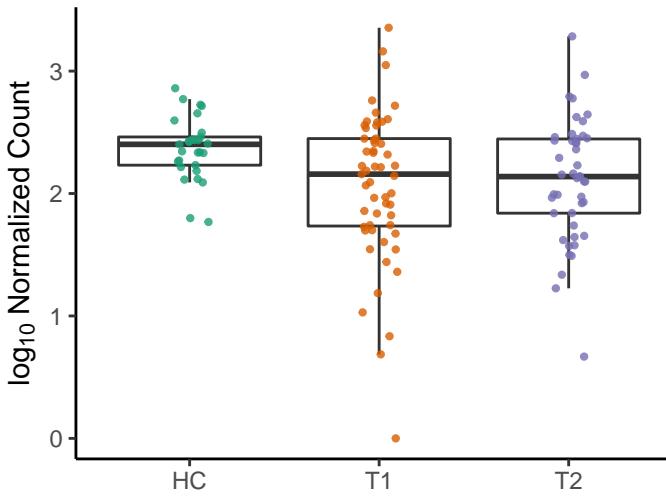
### Erwinia

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



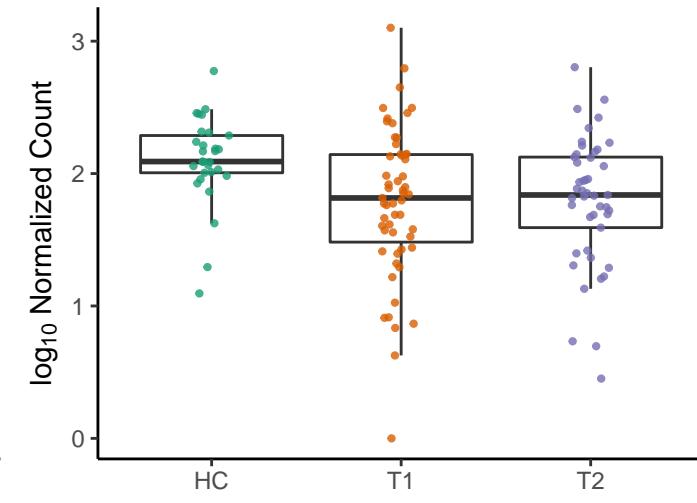
### Rhodanobacter

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



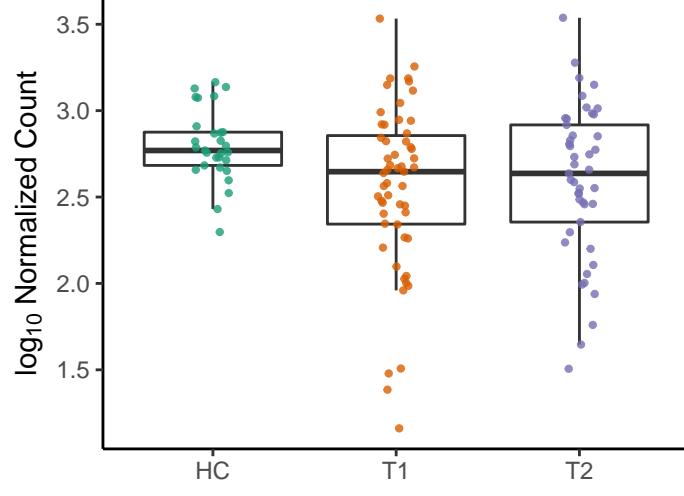
### Salinisphaera

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.81



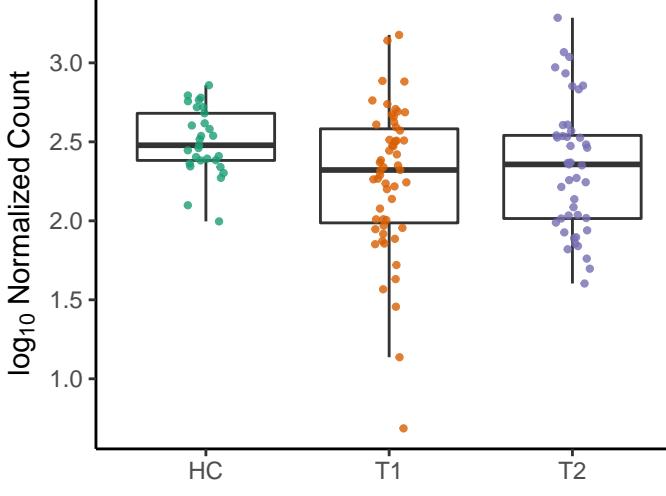
### Streptosporangium

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



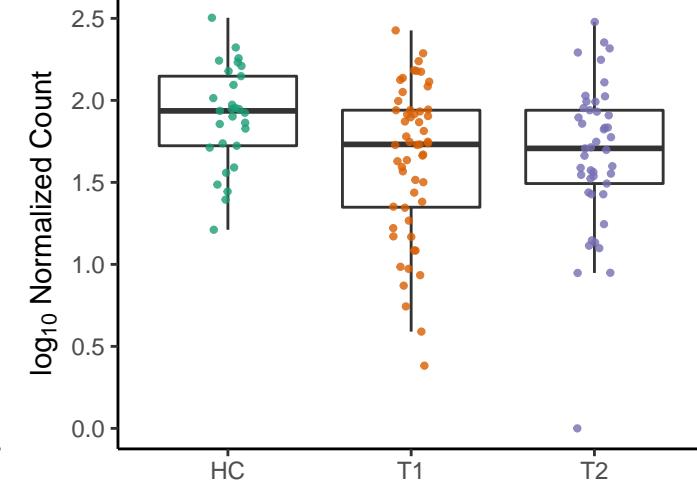
### Unclassified Bradymonadales Order

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



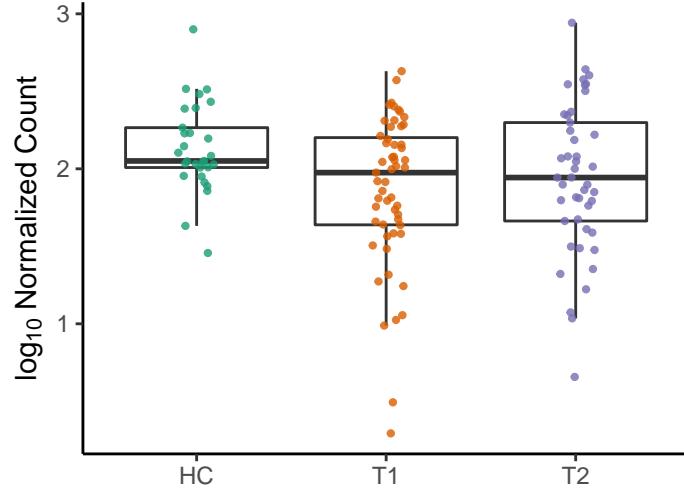
### Unclassified Ectothiorhodospiraceae Family

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.81



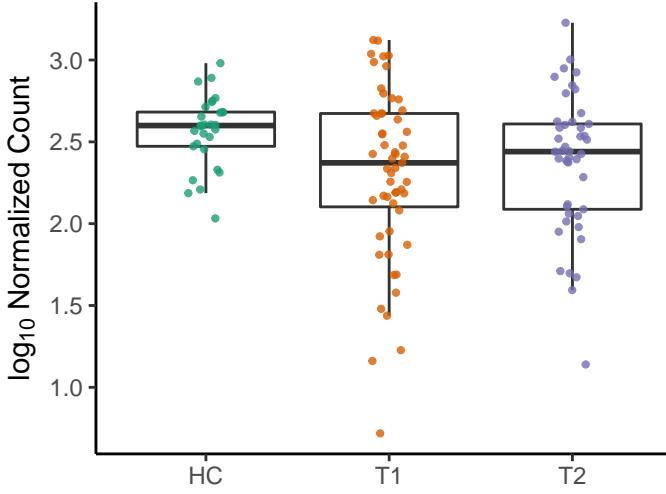
### Unclassified Propionibacterales Order

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.79



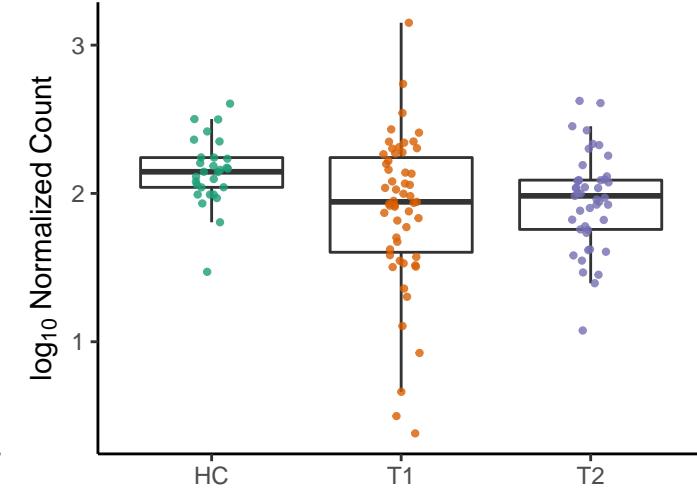
### Unclassified Rhodothermaceae Family

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



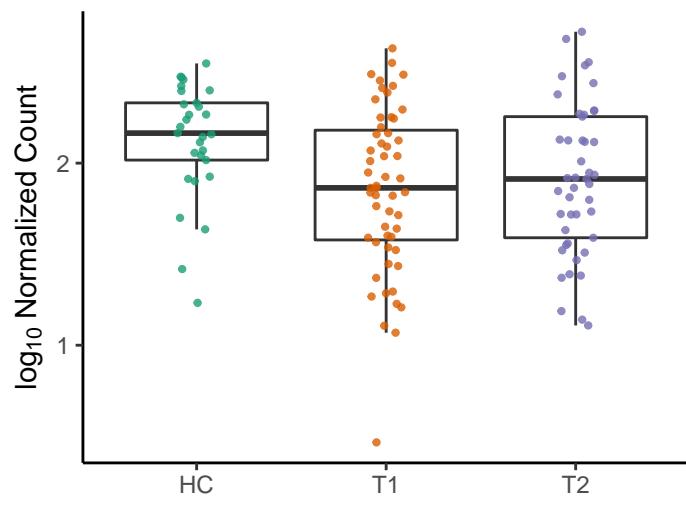
### Kerstersia

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.79



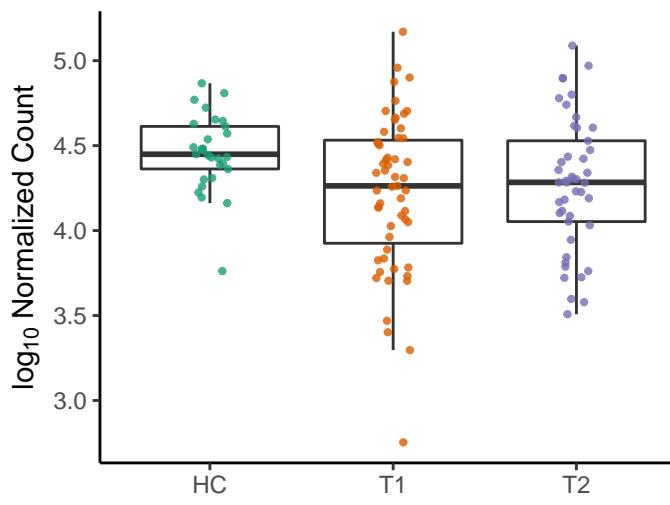
### Scardovia

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



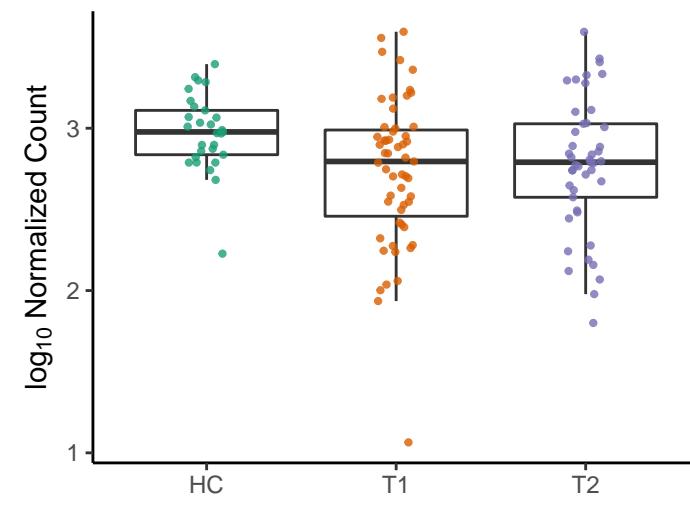
### Streptomyces

non-ED vs. T1 adjusted p = 0.0082  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



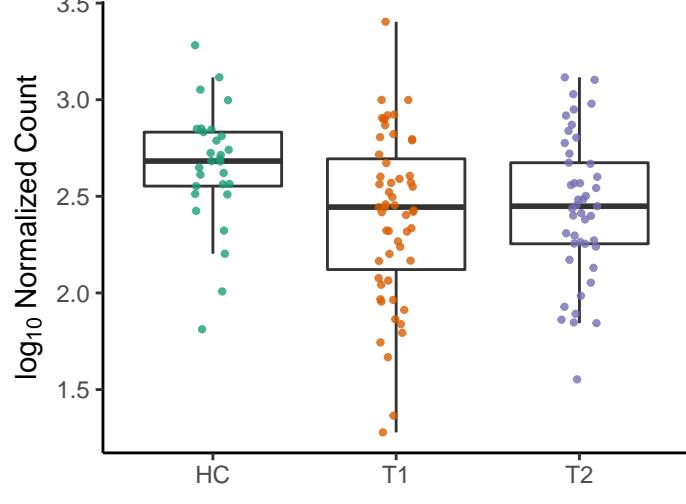
### Rhodobacter

non-ED vs. T1 adjusted p = 0.0083  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



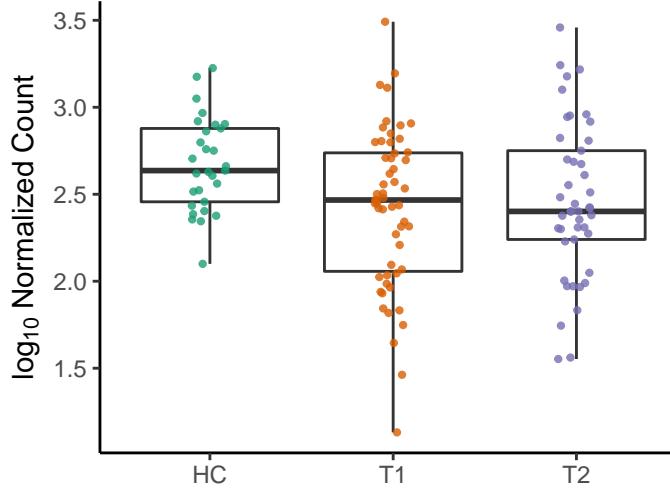
### Unclassified Alcaligenaceae Family

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



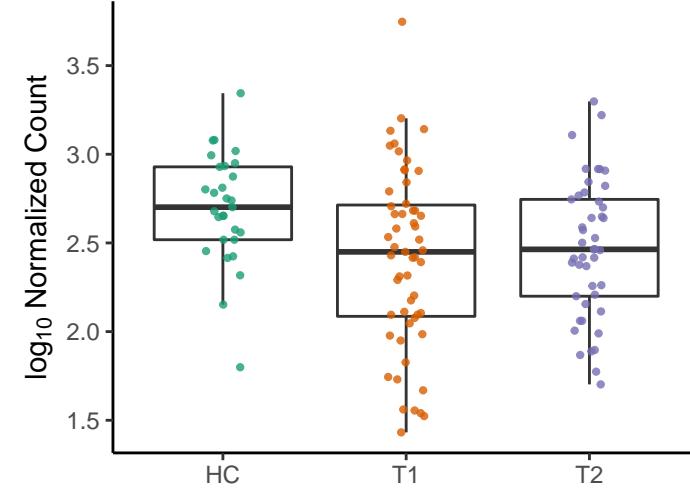
### Archangium

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



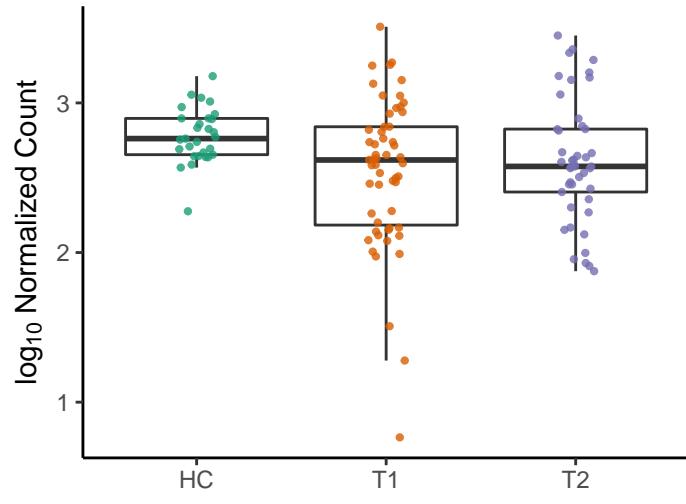
### Plantactinospora

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



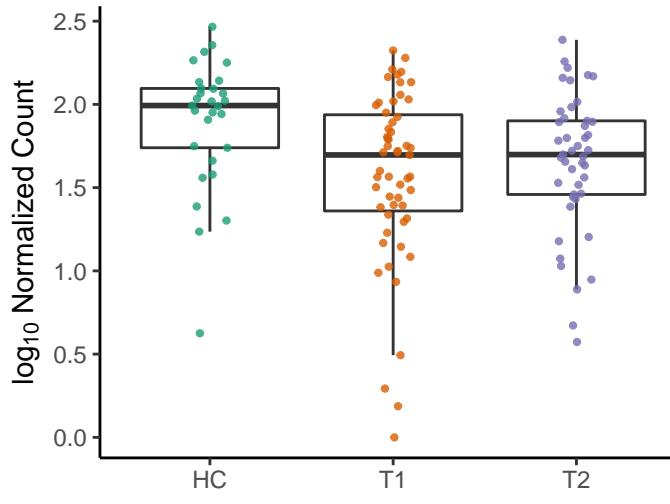
### Leifsonia

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.79



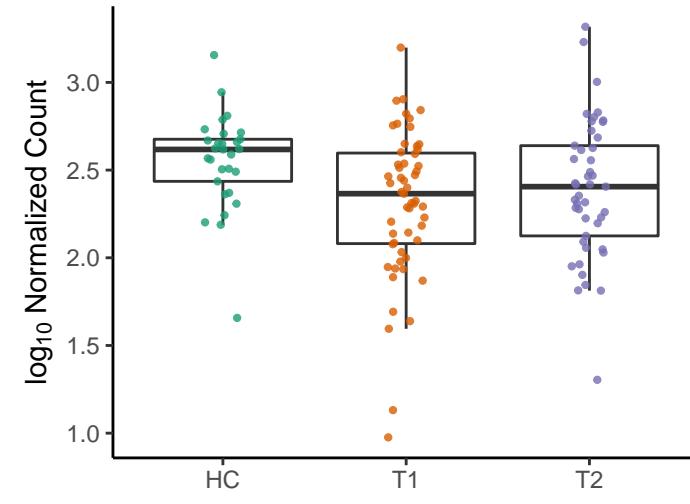
### Psychromicrobium

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



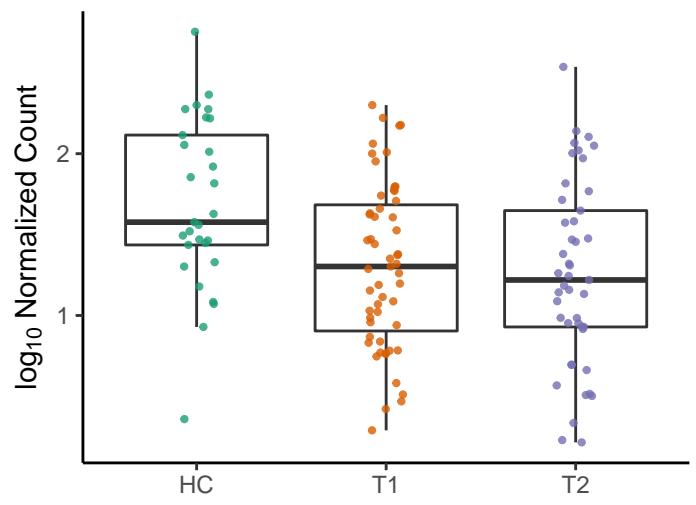
### Unclassified Anaerolineaceae Family

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.79



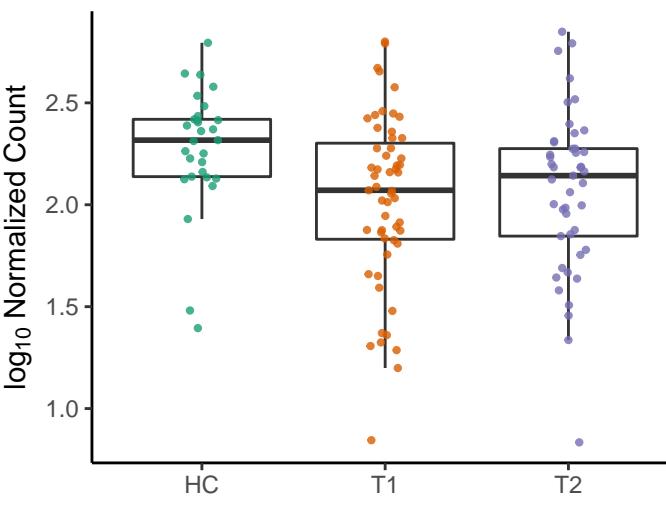
### Ferroplasma

non-ED vs. T1 adjusted p = 0.0084  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.98



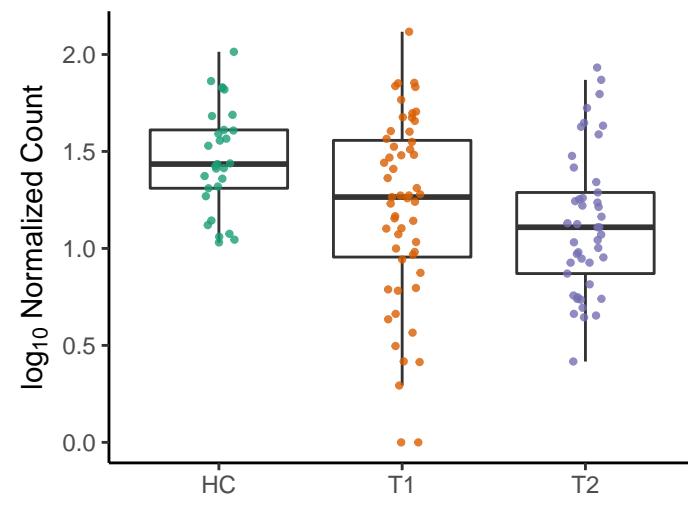
### Anaerohalosphaera

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



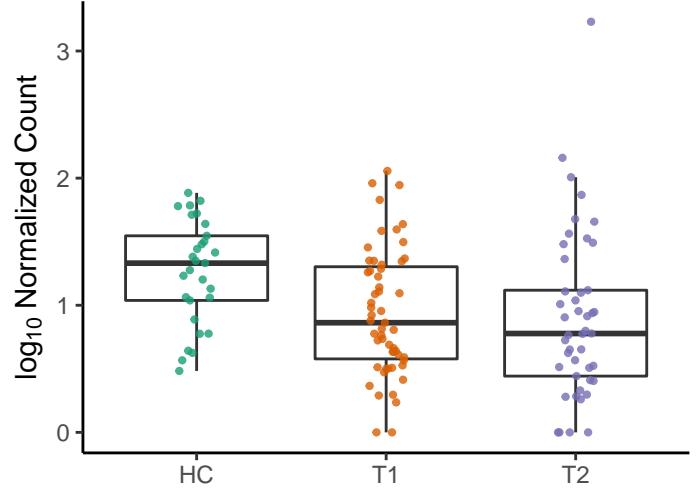
### Unclassified Piscirickettsiaceae Family

non-ED vs. T1 adjusted p = 0.0085  
non-ED vs. T2 adjusted p = 0.0023  
T1 vs. T2 adjusted p = 0.79



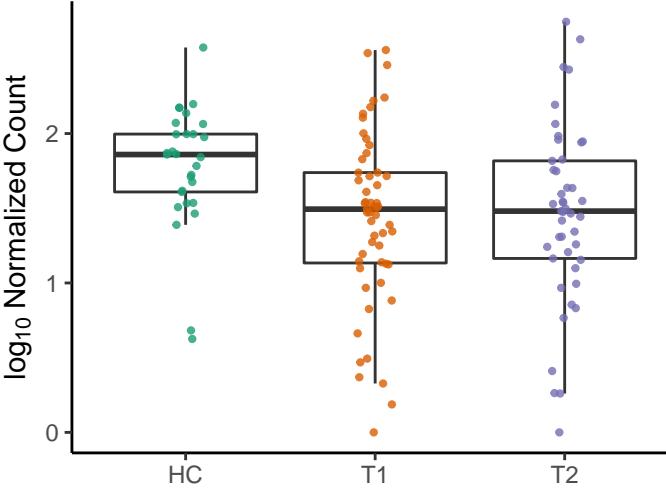
### Candidatus Sneabacter

non-ED vs. T1 adjusted p = 0.0086  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.99



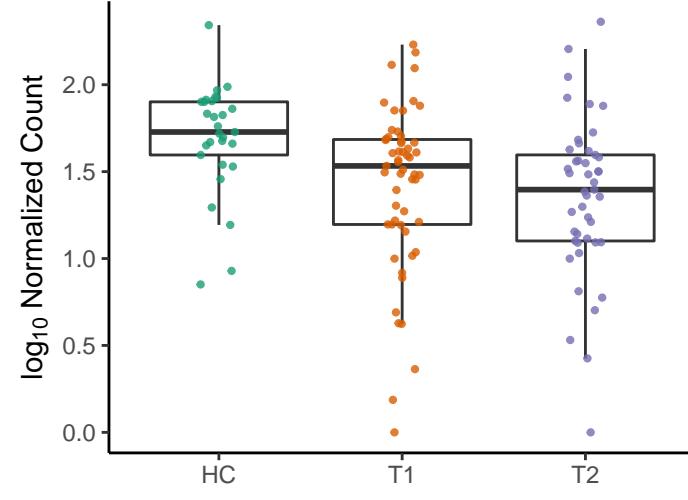
### Halohasta

non-ED vs. T1 adjusted p = 0.0086  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



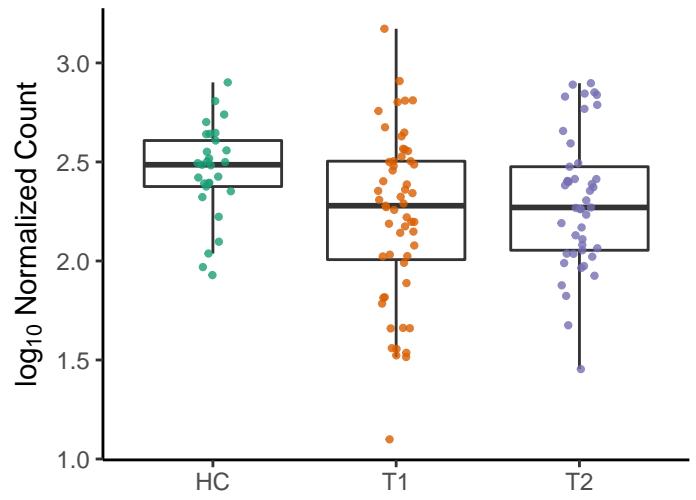
### Kingella

non-ED vs. T1 adjusted p = 0.0086  
non-ED vs. T2 adjusted p = 0.006  
T1 vs. T2 adjusted p = 1



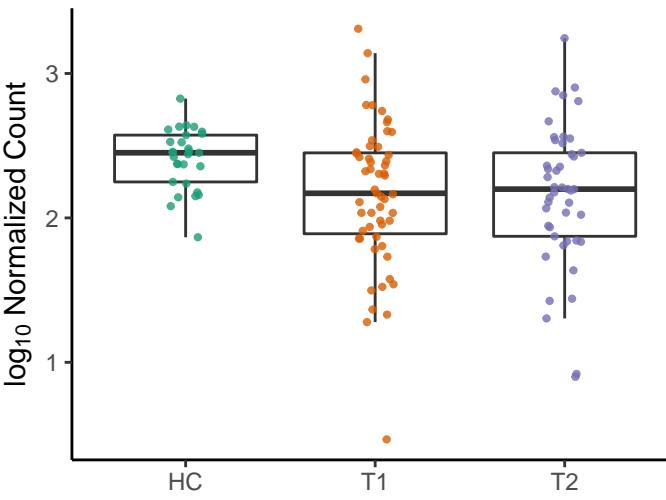
### Pannonibacter

non-ED vs. T1 adjusted p = 0.0086  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.79



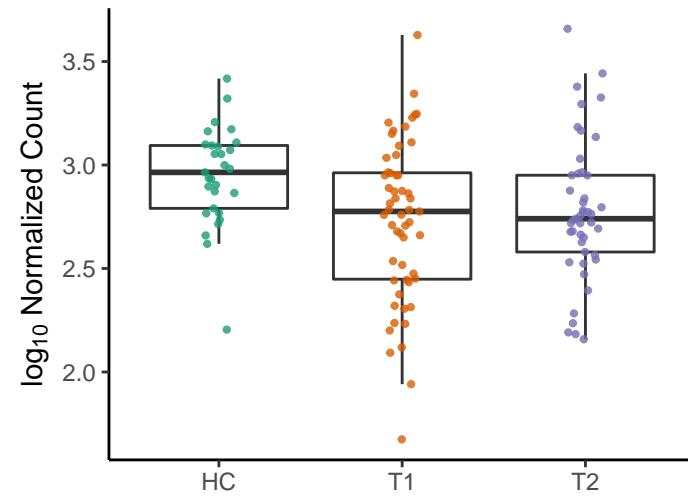
### Ancylobacter

non-ED vs. T1 adjusted p = 0.0087  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.9



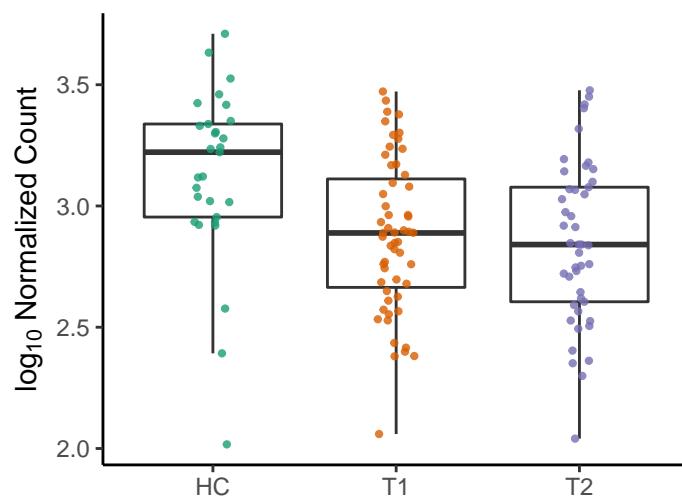
### Komagataeibacter

non-ED vs. T1 adjusted p = 0.0087  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



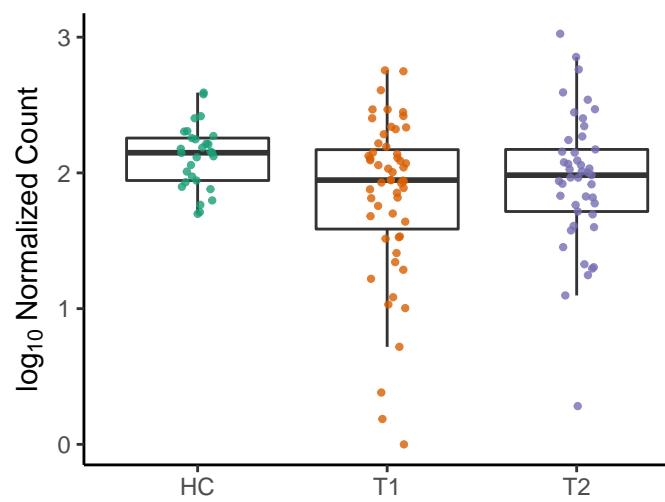
### Unclassified Clostridiaceae Family

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.92



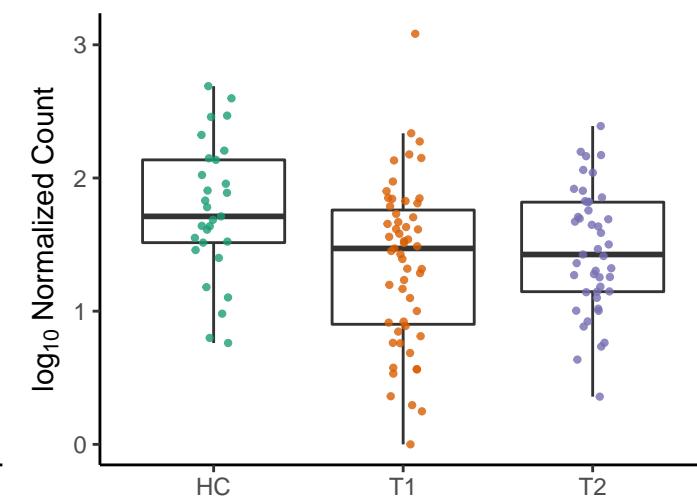
### Marinithermus

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.79



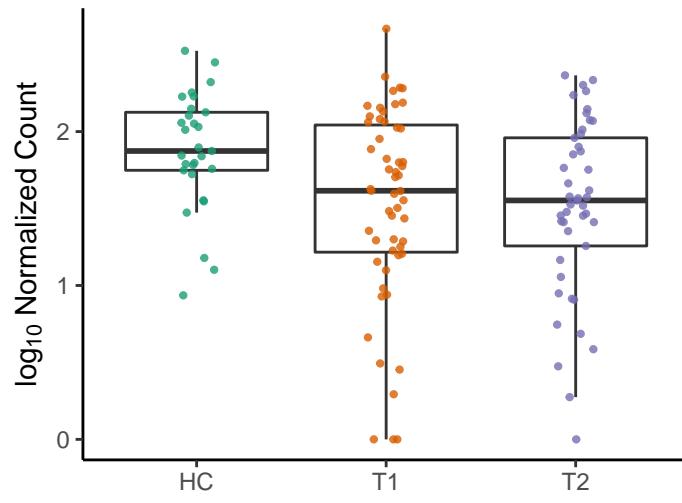
### Natronococcus

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



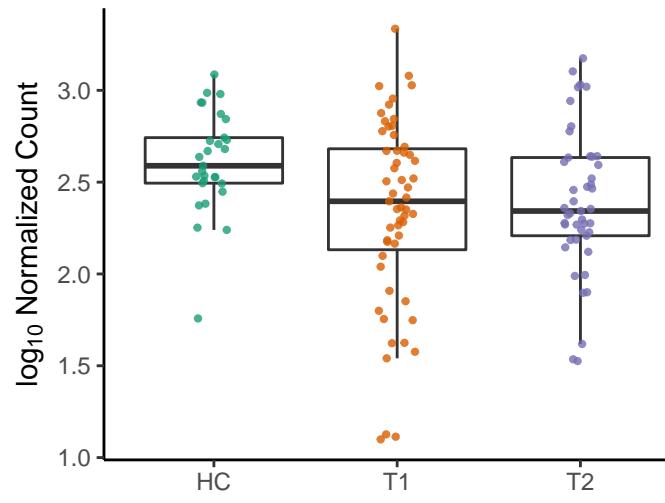
### Unclassified Intrasporangiaceae Family

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.91



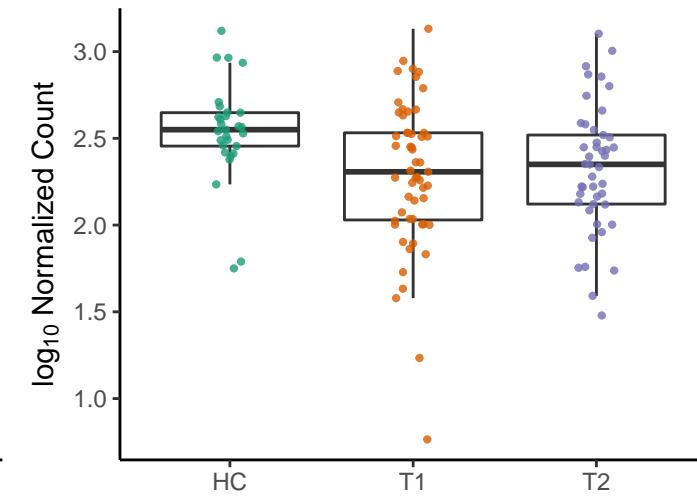
### Polaromonas

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.8



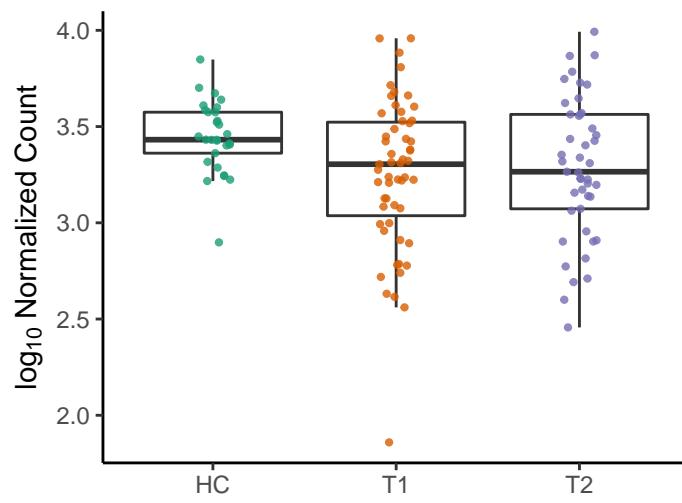
### Roseiflexus

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



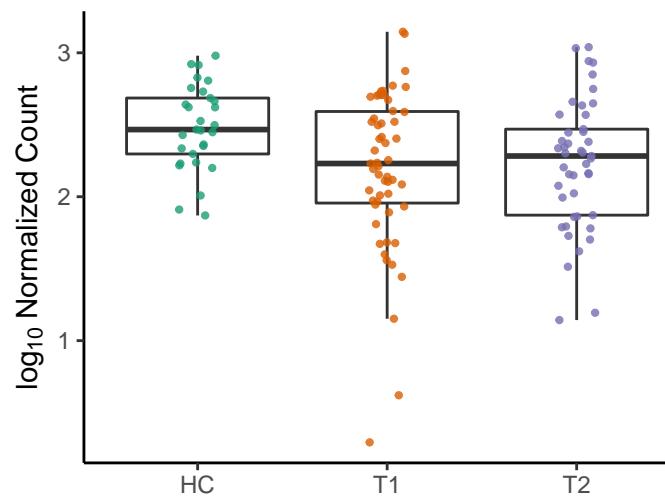
### Aeromonas

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



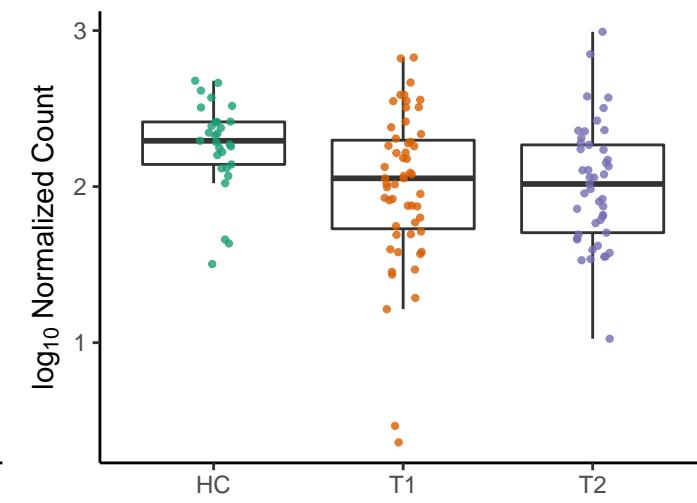
### Ectothiorhodospira

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.82



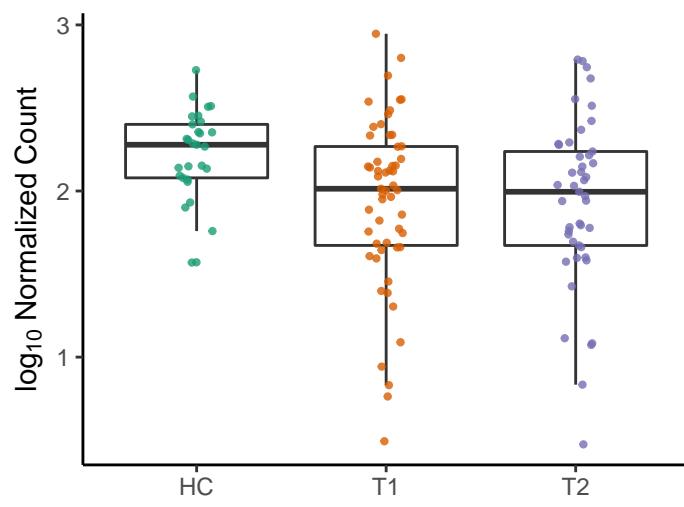
### Unclassified Acetobacteraceae Family

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.92



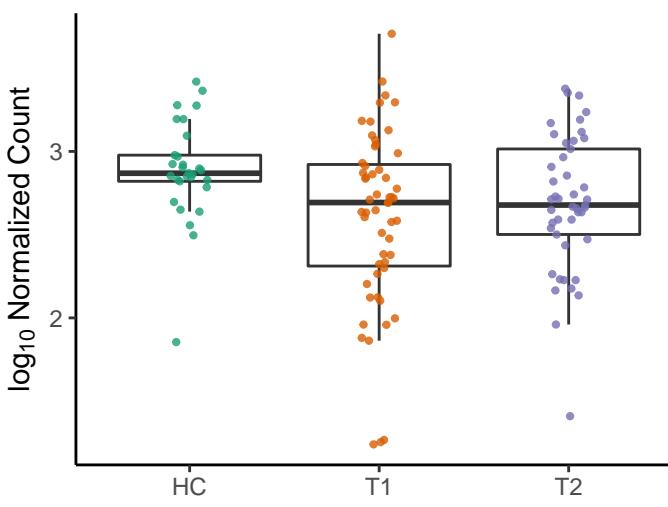
### Desulfoglaeba

non-ED vs. T1 adjusted p = 0.0088  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.95



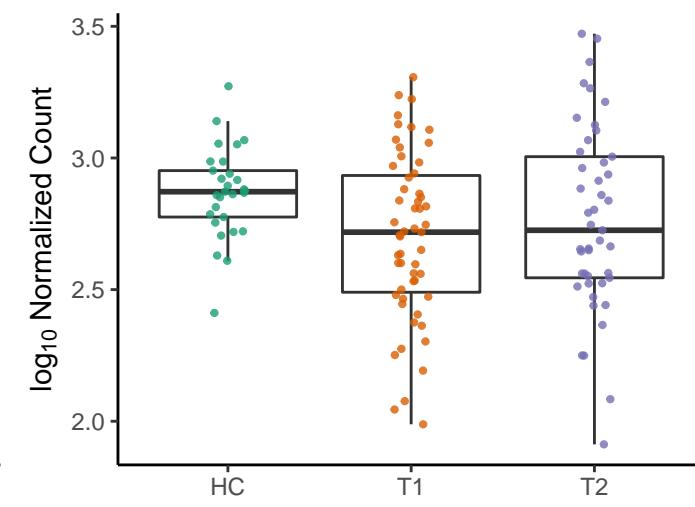
### Actinomadura

non-ED vs. T1 adjusted p = 0.0089  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



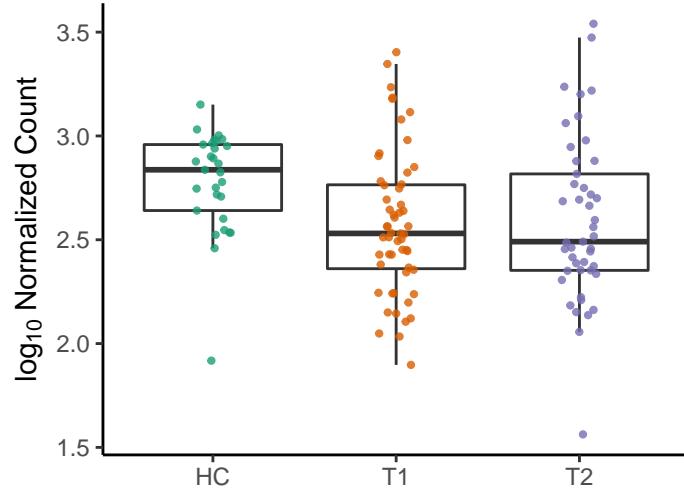
### Sphaerochaeta

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



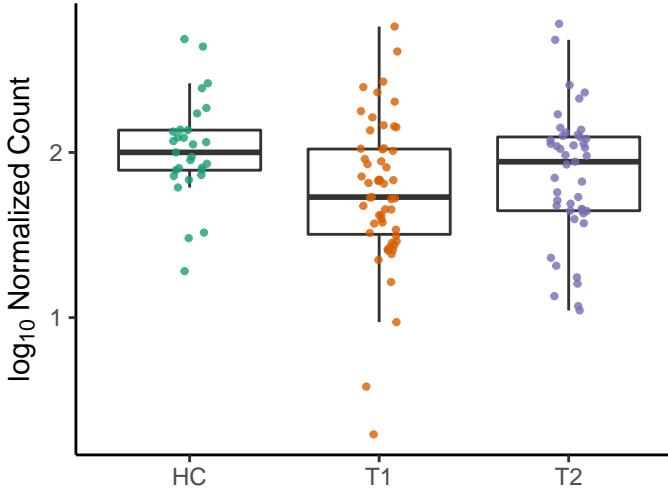
### Ruminiclostridium

non-ED vs. T1 adjusted p = 0.009  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.92



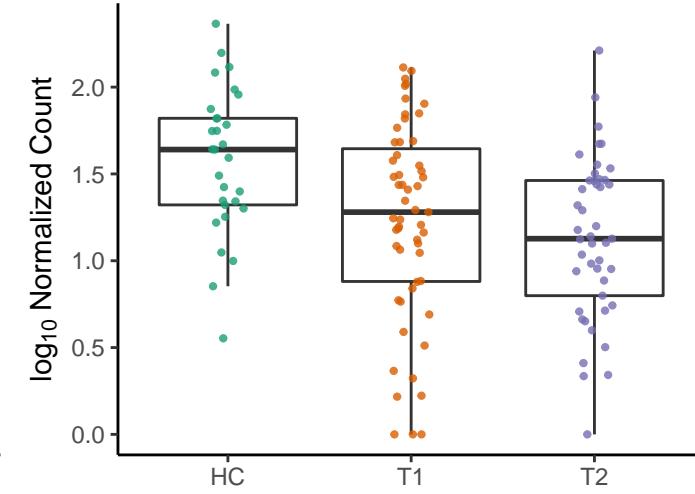
### Actinobaculum

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.091  
T1 vs. T2 adjusted p = 0.79



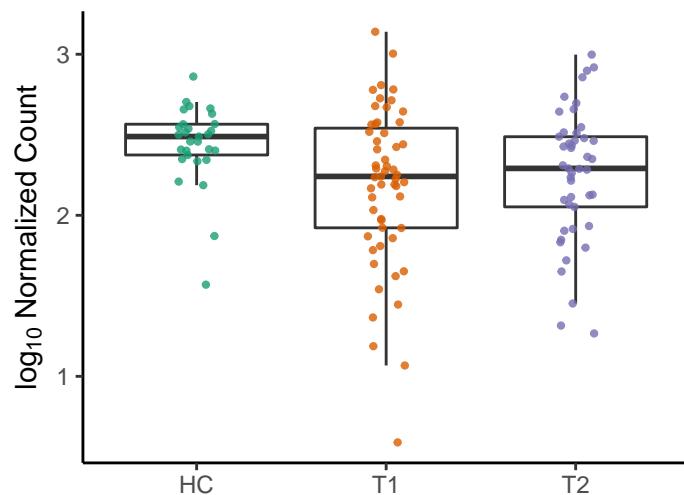
### Allofrancisella

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.79



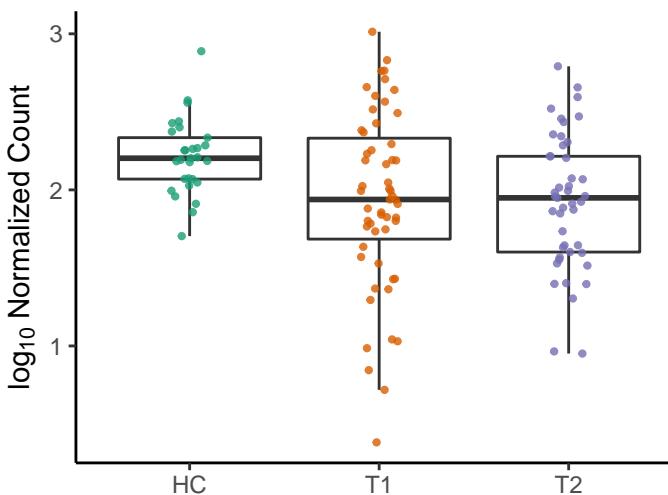
### Cystobacter

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.79



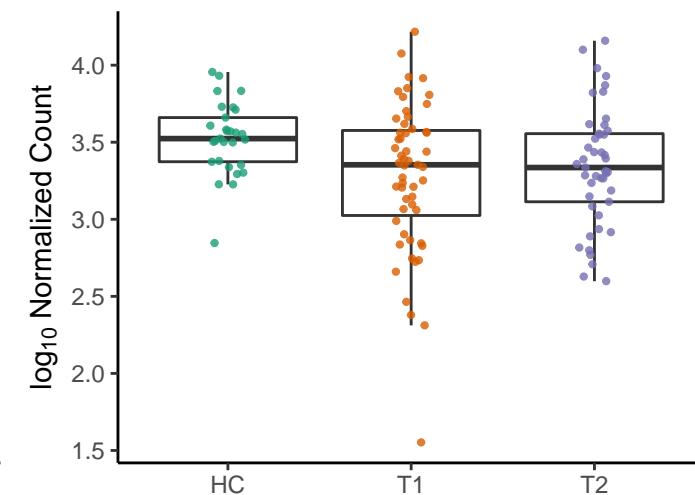
### Ereboglobus

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 1



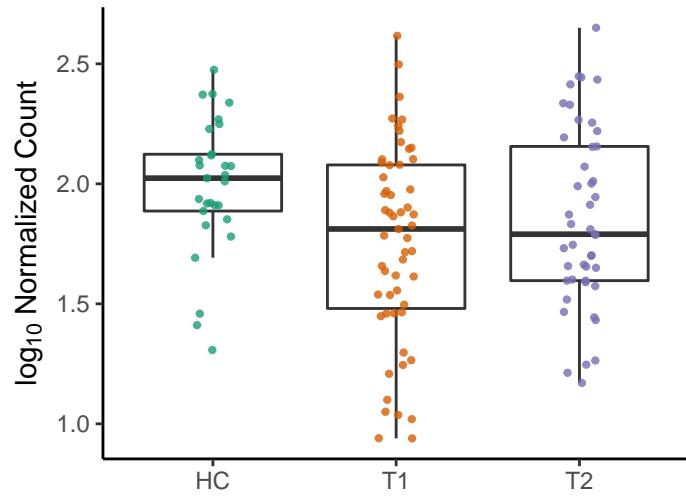
### Micromonospora

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



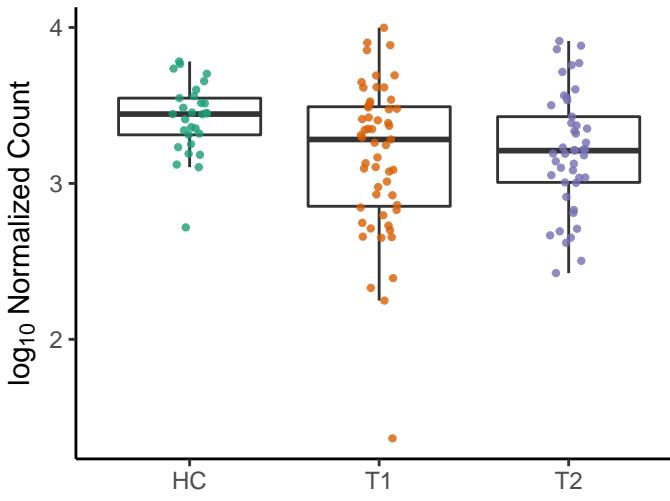
### Moorea

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



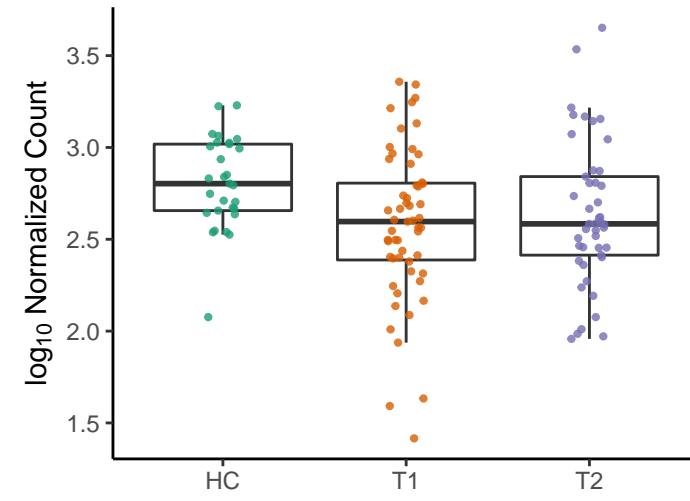
### Nocardioides

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.8



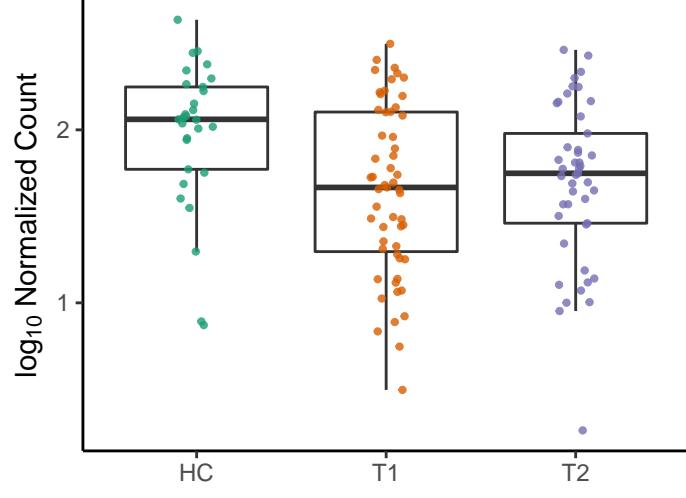
### Saccharomonospora

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.79



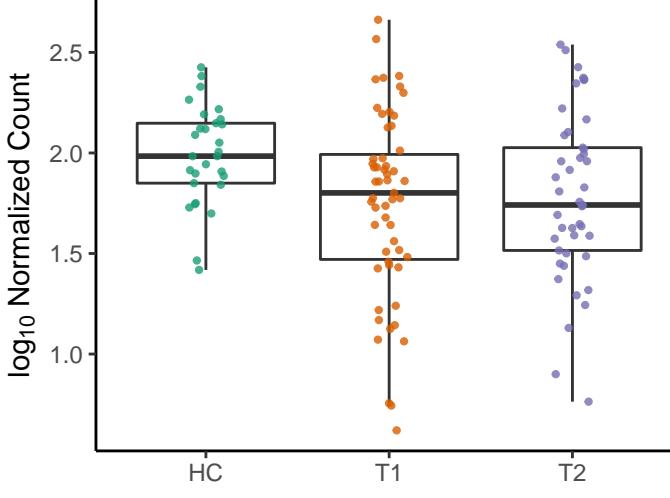
### Sedimentitalea

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



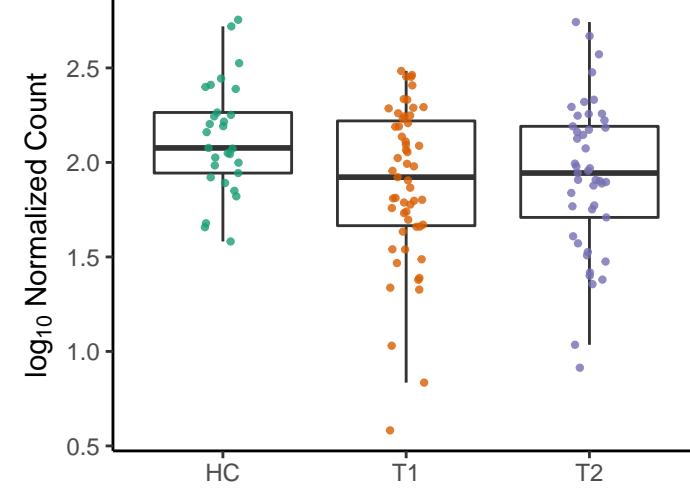
### Terasakiella

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



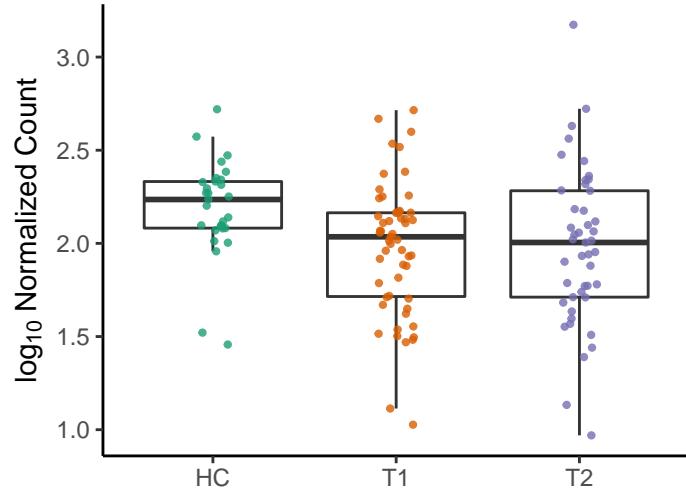
### Yarrowia

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



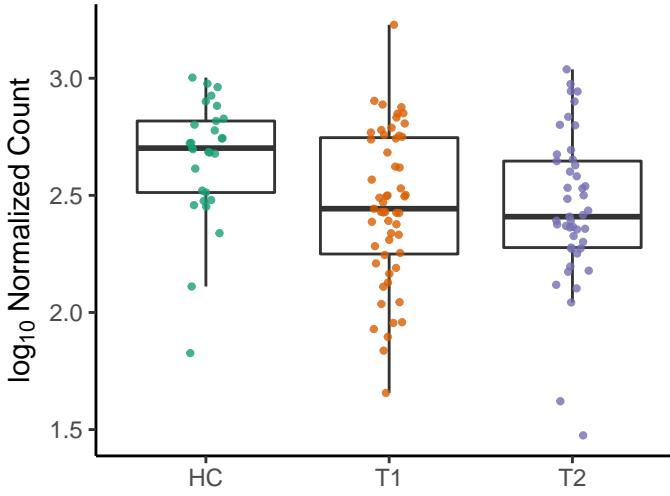
### Zymoseptoria

non-ED vs. T1 adjusted p = 0.0091  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.89



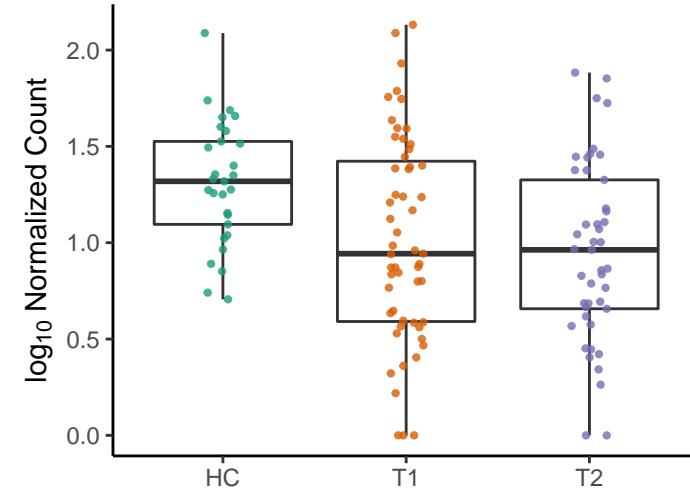
### Arachidicoccus

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.96



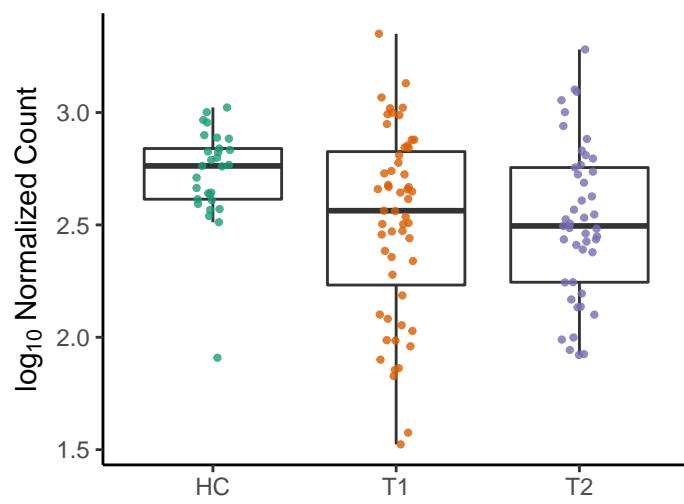
### Candidatus Midichloria

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.0048  
T1 vs. T2 adjusted p = 0.79



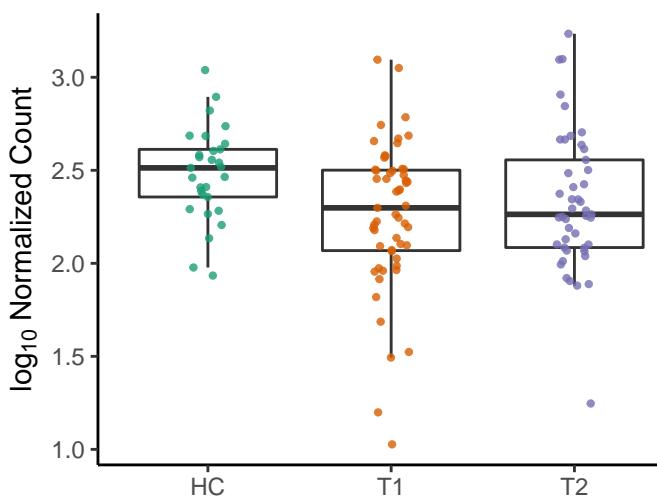
### Mycobacteroides

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.96



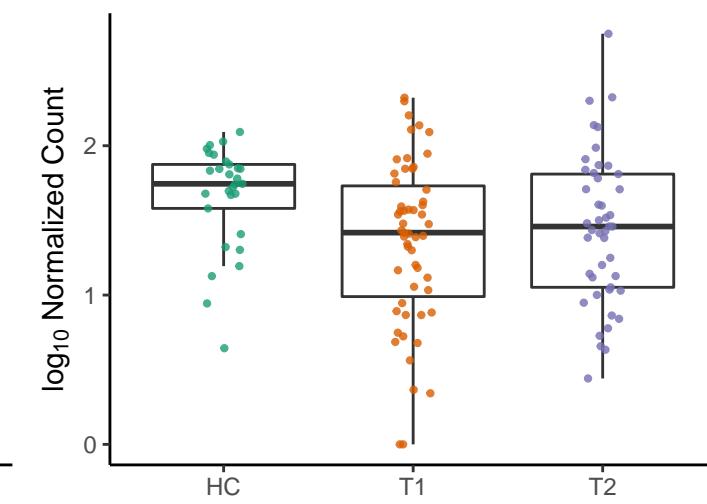
### Staphylospora

non-ED vs. T1 adjusted p = 0.0092  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.79



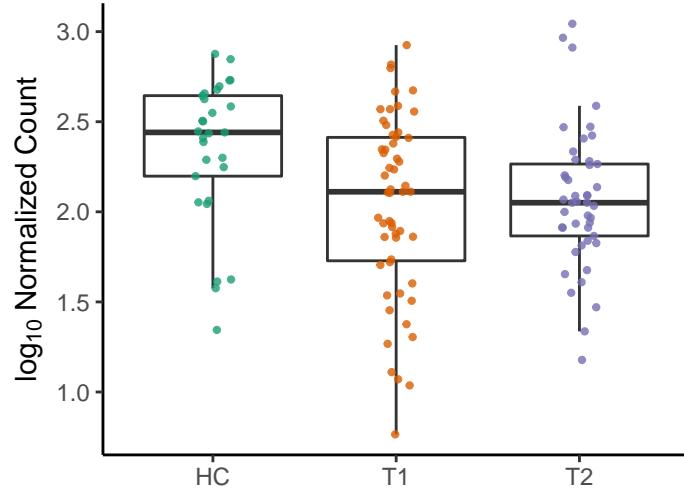
### Halogeometricum

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.79



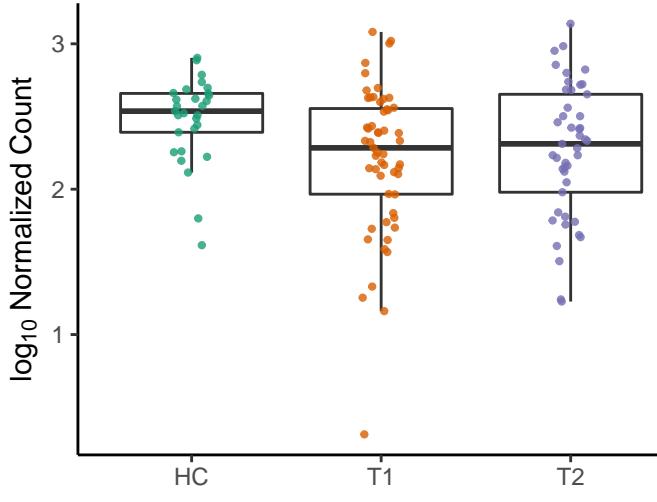
### Arcanobacterium

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.81



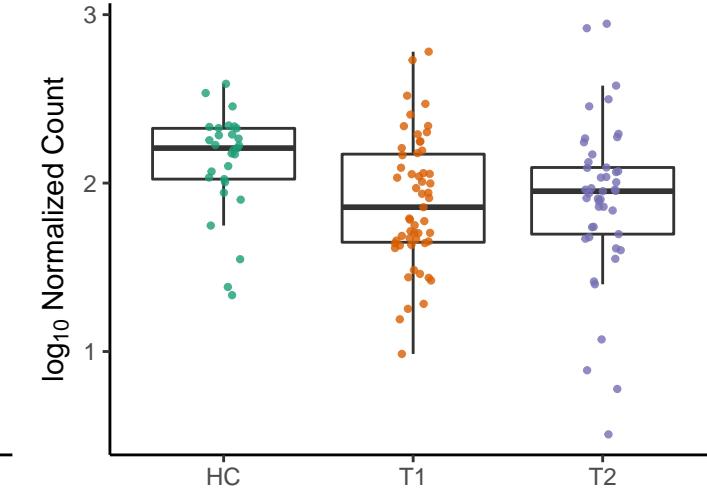
### Desulfarculus

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.79



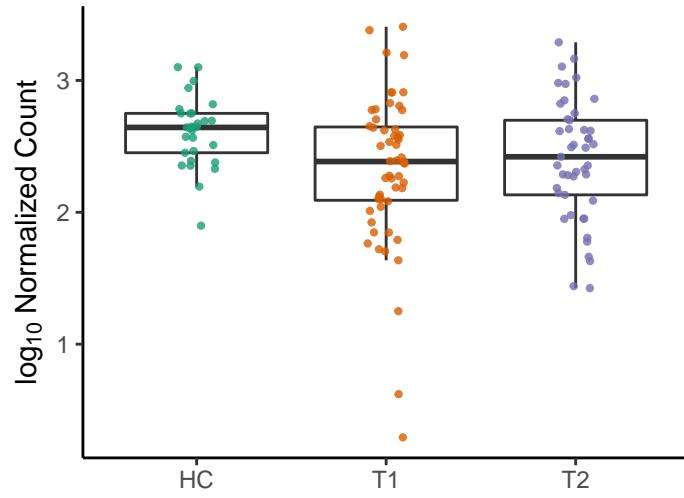
### Jeotgalicoccus

non-ED vs. T1 adjusted p = 0.0093  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.93



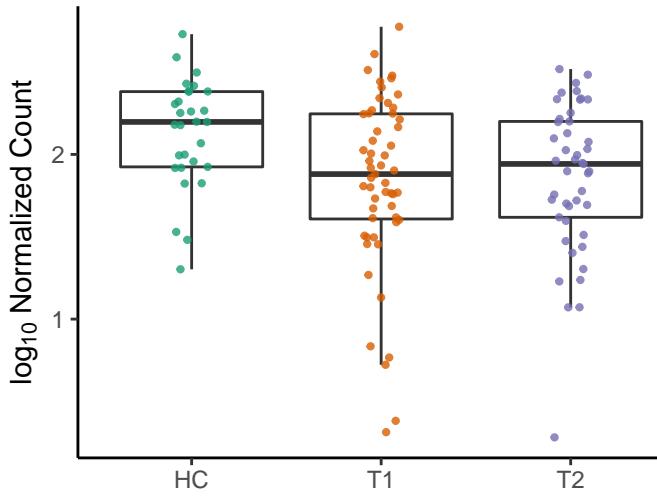
### Georgenia

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.79



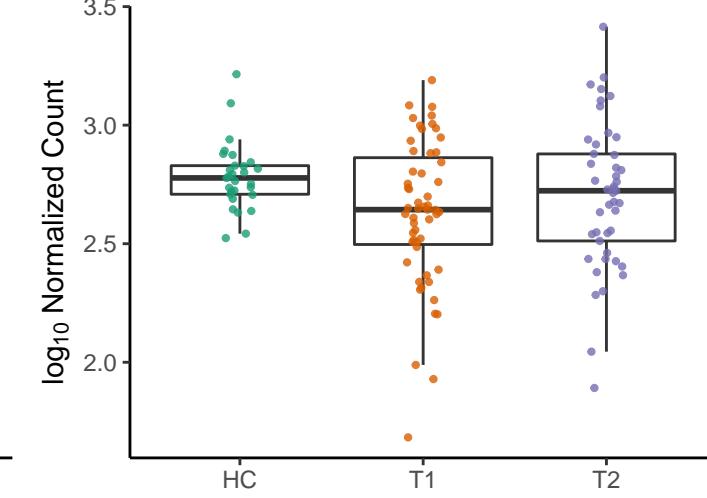
### Limnohabitans

non-ED vs. T1 adjusted p = 0.0094  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



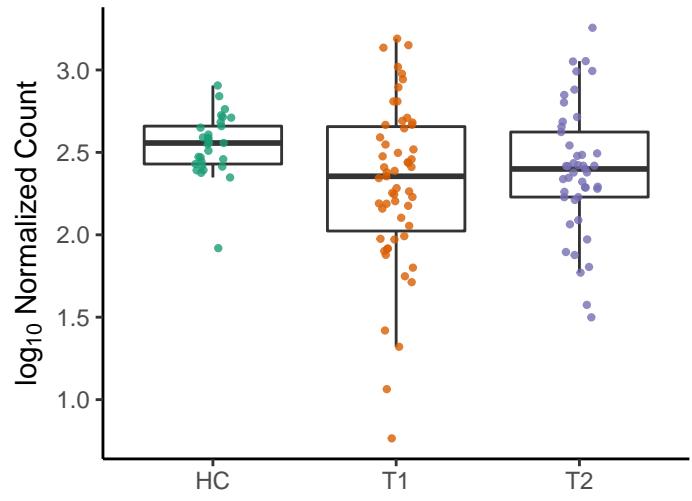
### Labrenzia

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.79



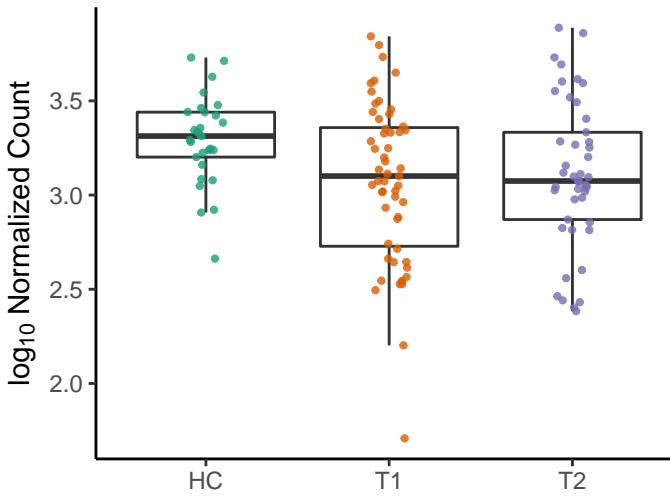
### Roseomonas

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.79



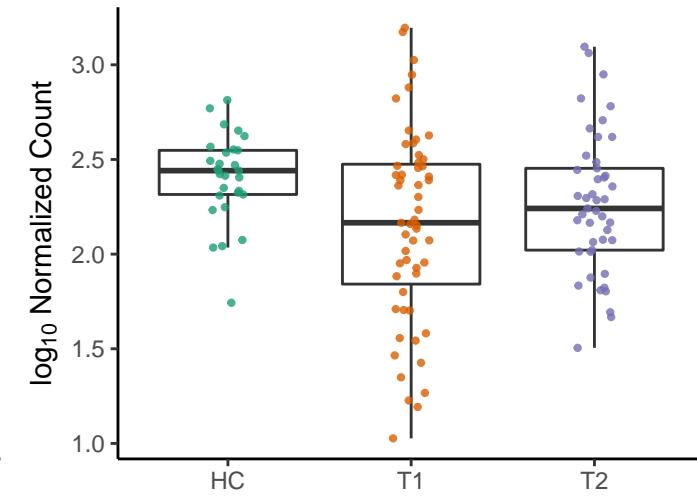
### Unclassified Rhizobiales Order

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.8



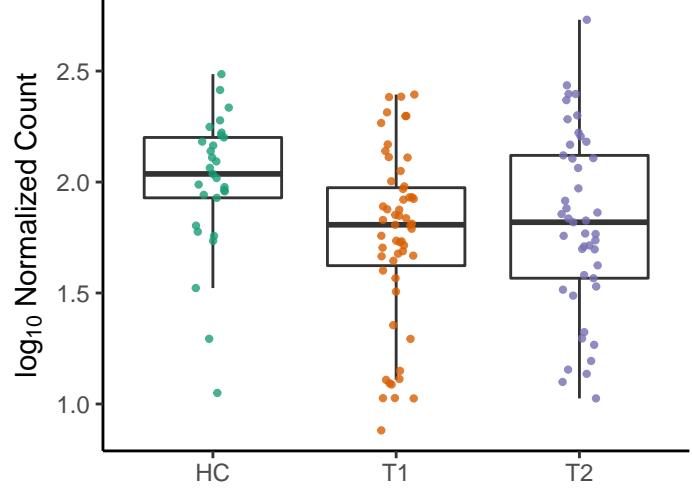
### Zobellella

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.79



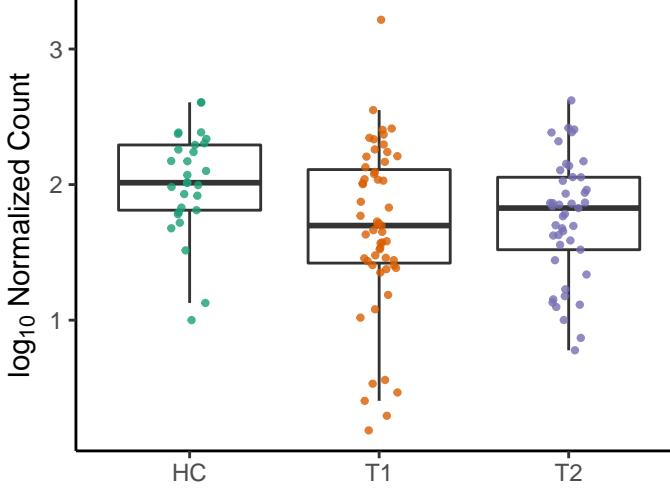
### Lacimicrobium

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.79



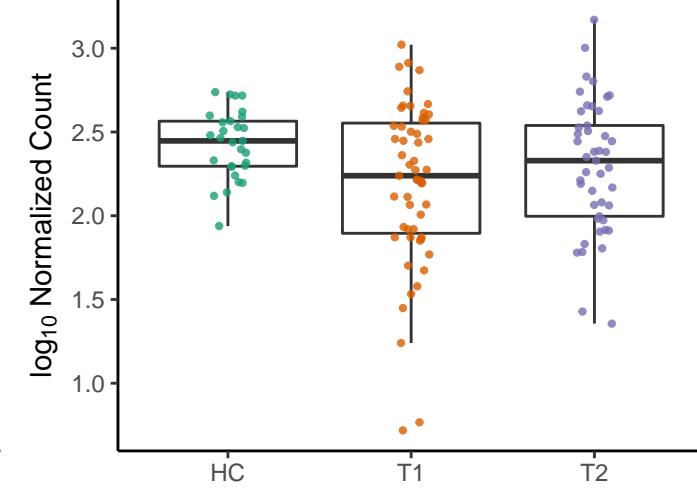
### Segniliparus

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



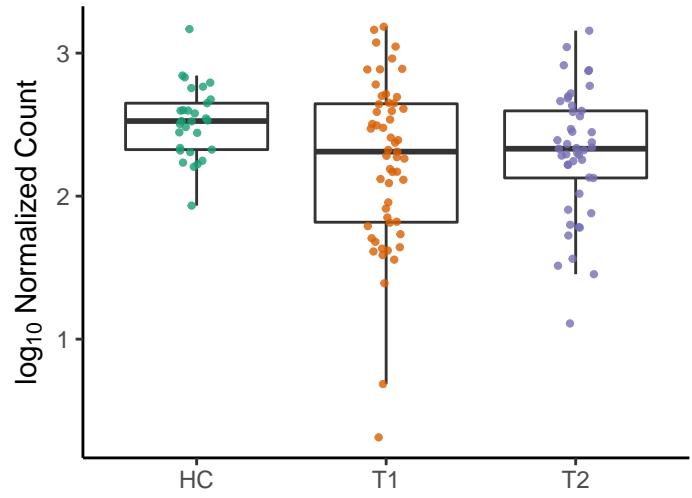
### Thermosediminibacter

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.79



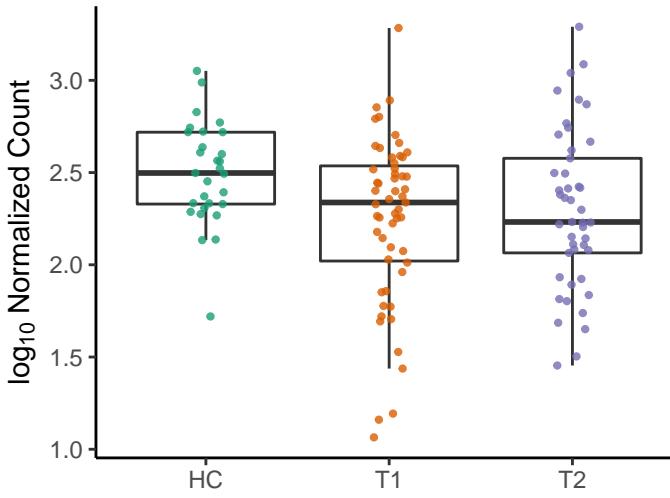
### Unclassified Myxococcales Order

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



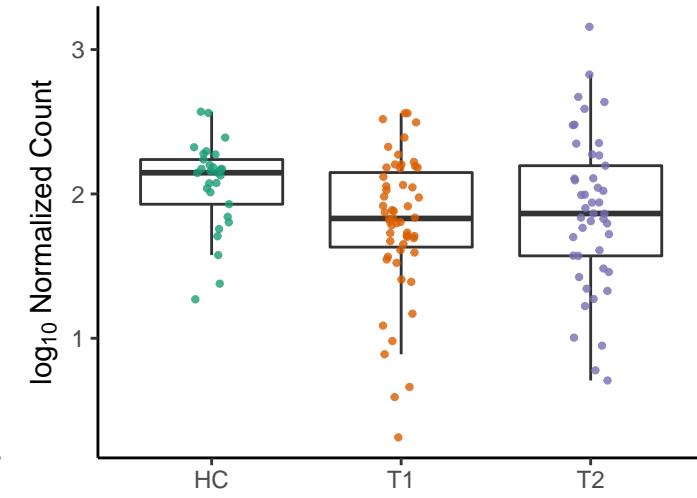
### Alienimonas

non-ED vs. T1 adjusted p = 0.0095  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.79



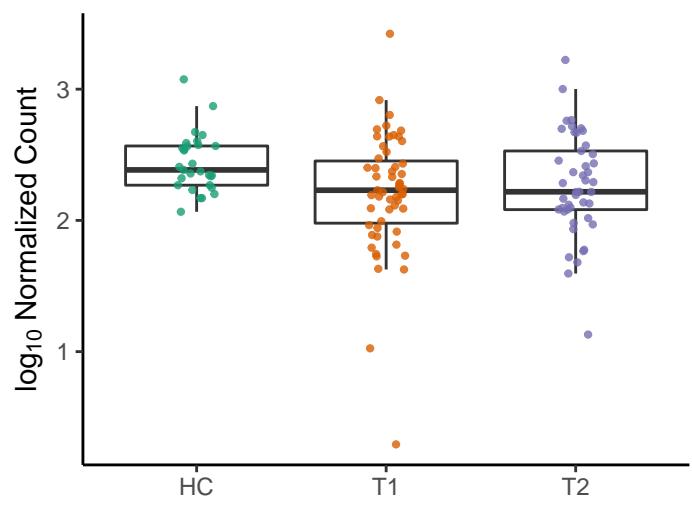
### Marinovum

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.79



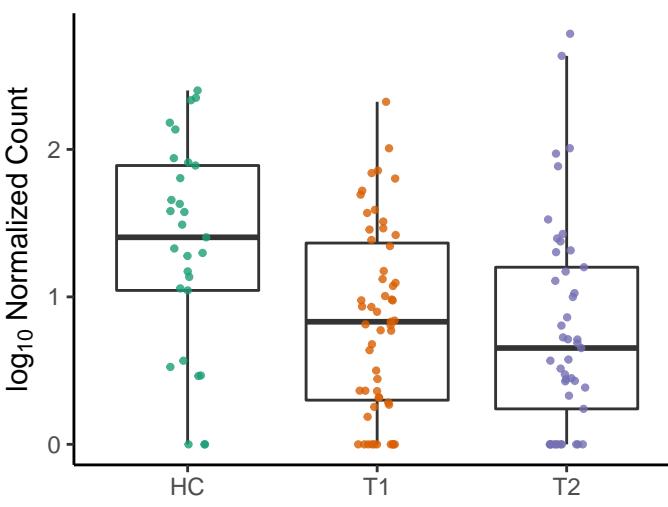
### Stappia

non-ED vs. T1 adjusted p = 0.0096  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



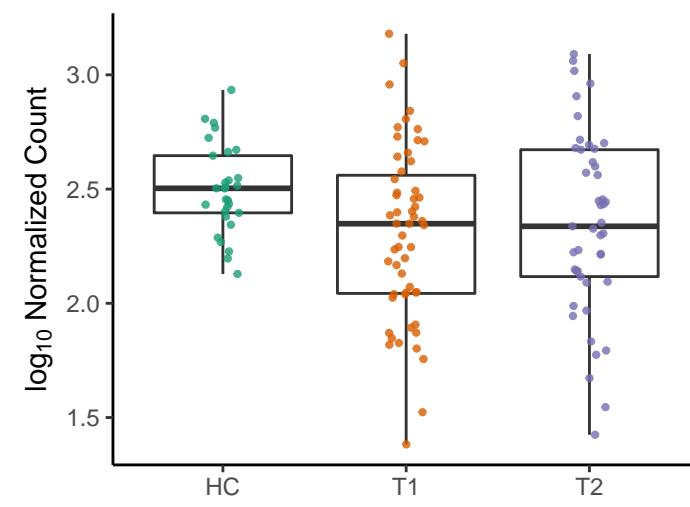
### Unclassified Chroococcales Order

non-ED vs. T1 adjusted p = 0.0097  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.8



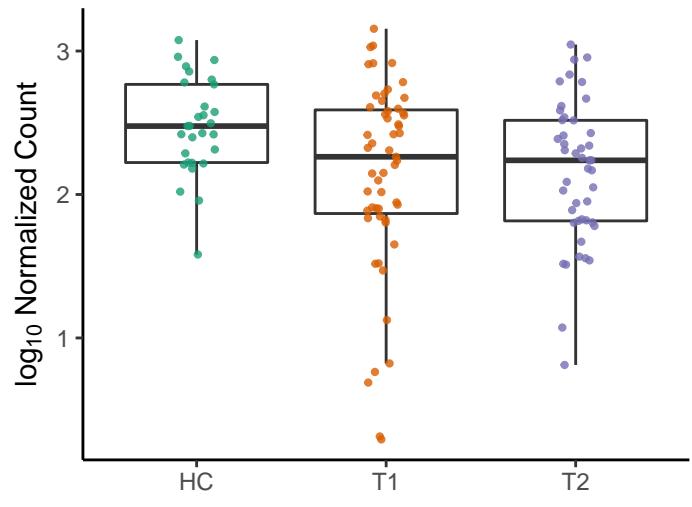
### Diaphorobacter

non-ED vs. T1 adjusted p = 0.0098  
non-ED vs. T2 adjusted p = 0.061  
T1 vs. T2 adjusted p = 0.79



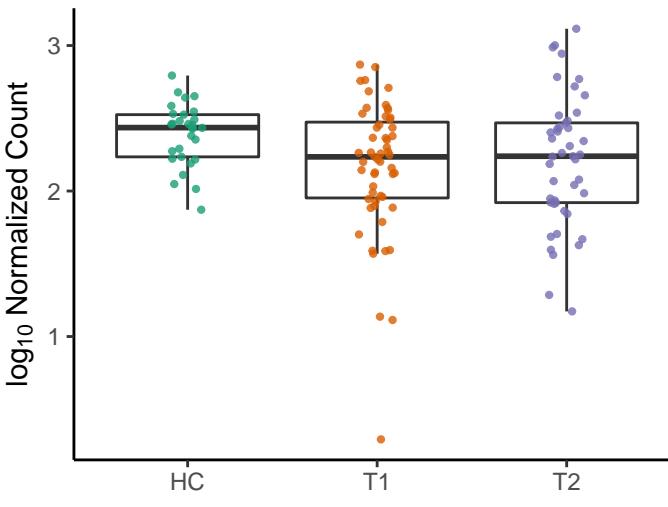
### Lacunisphaera

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.85



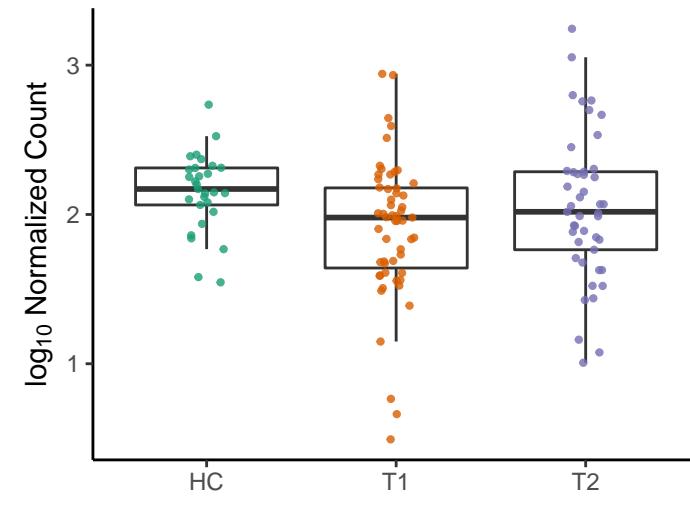
### Allokutzneria

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



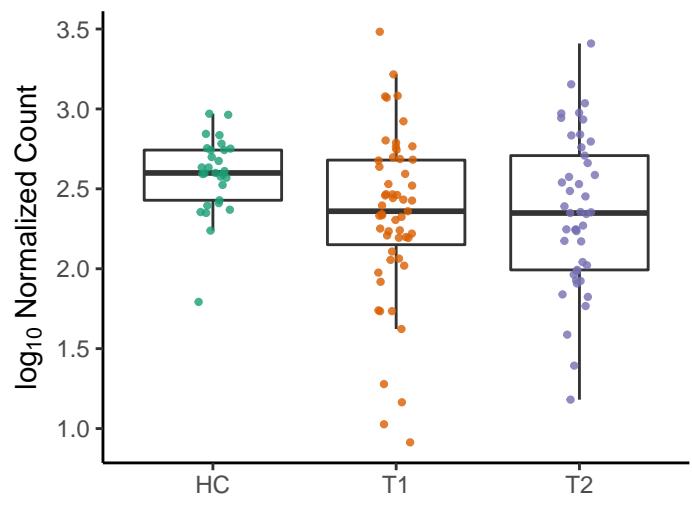
### Fimbriimonas

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.79



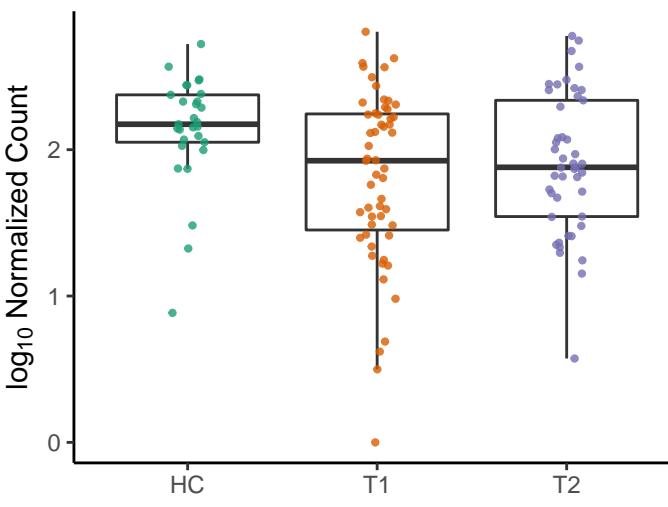
### Hypericibacter

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



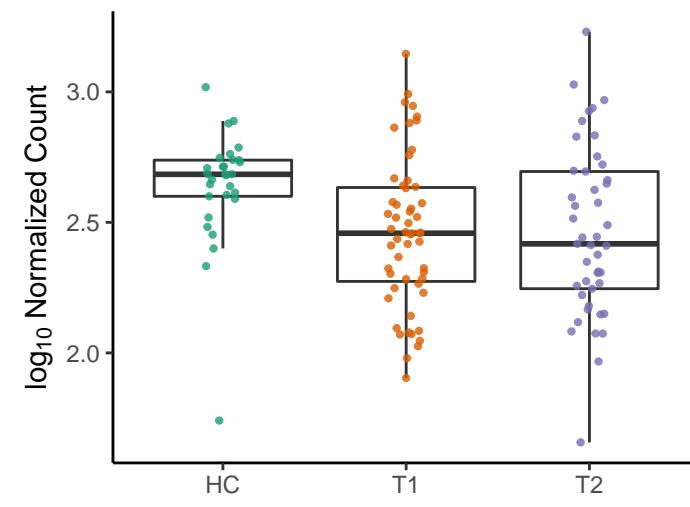
### Sinomonas

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.79



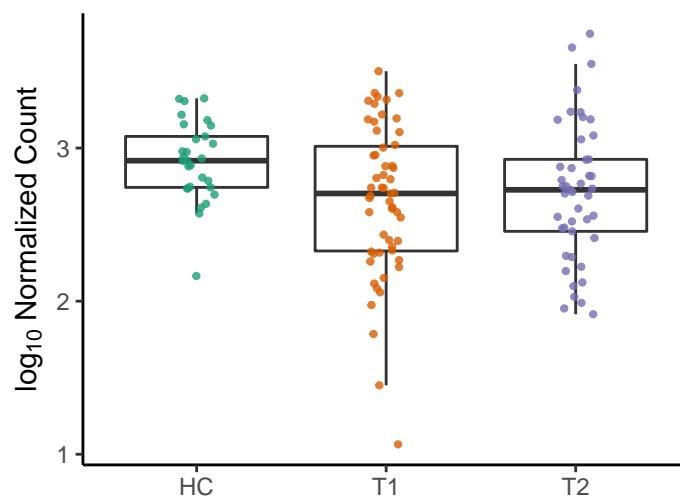
### Sulfurospirillum

non-ED vs. T1 adjusted p = 0.0099  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.92



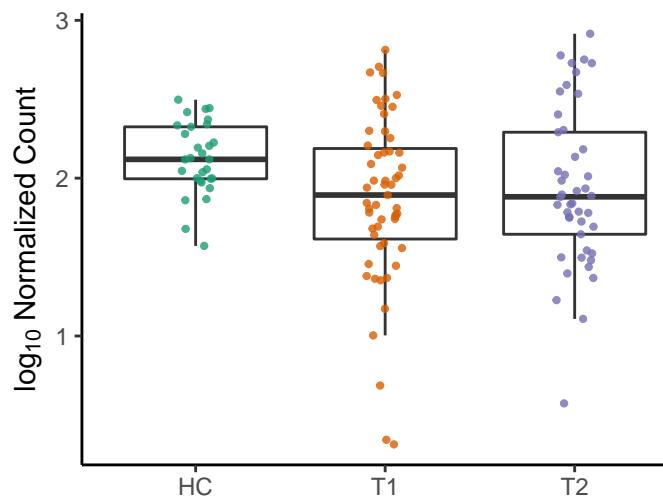
### Anaeromyxobacter

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.79



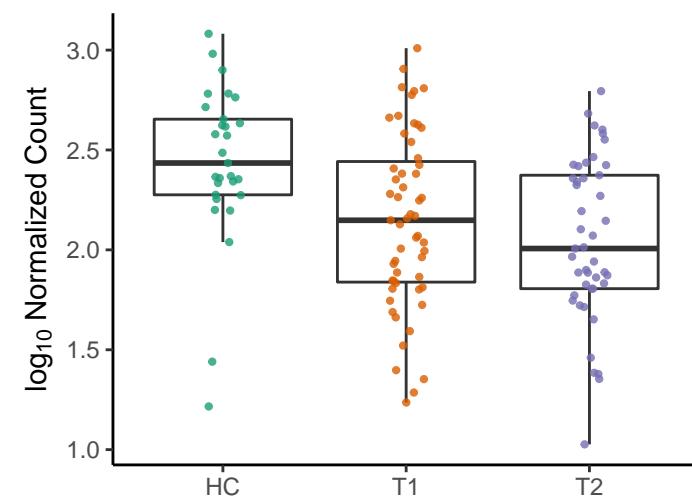
### Gluconacetobacter

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.81



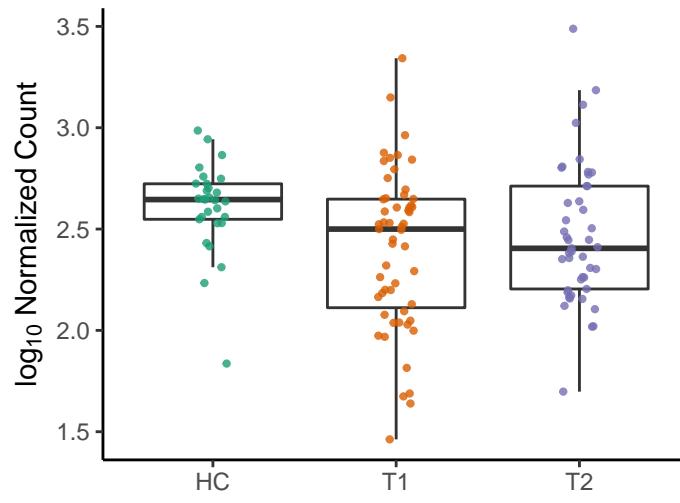
### Gottschalkia

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.79



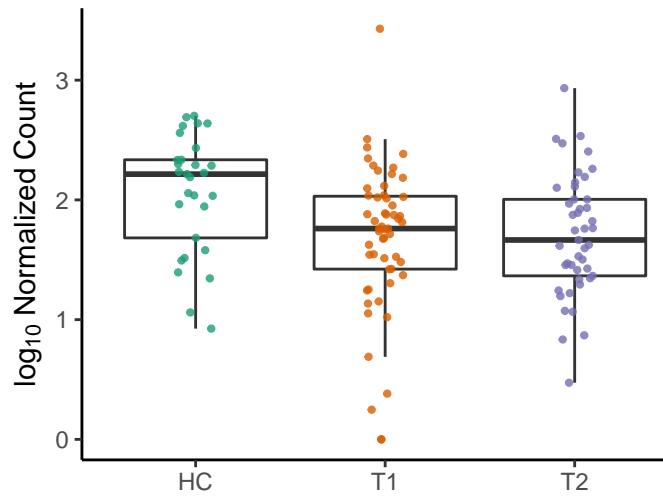
### Moraxella

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.86



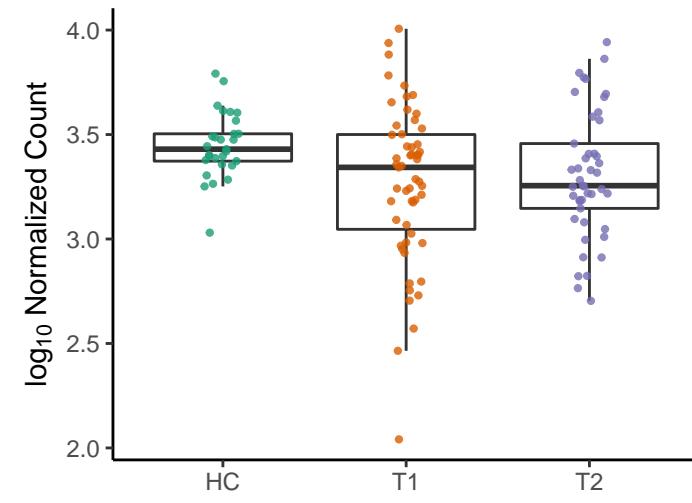
### Acidibrevibacterium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.98



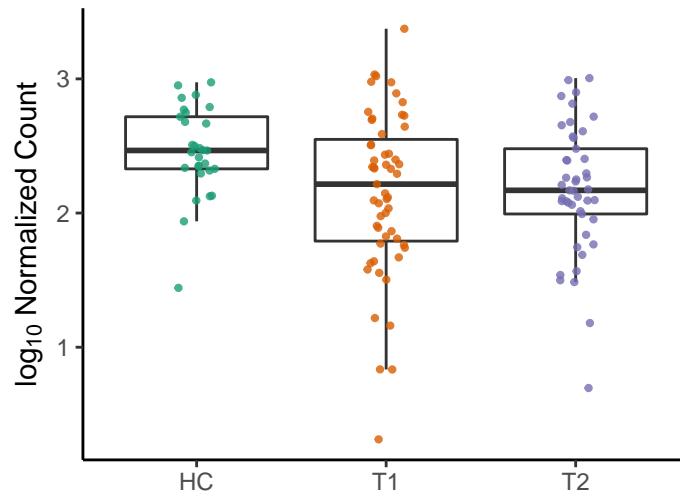
### Halomonas

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



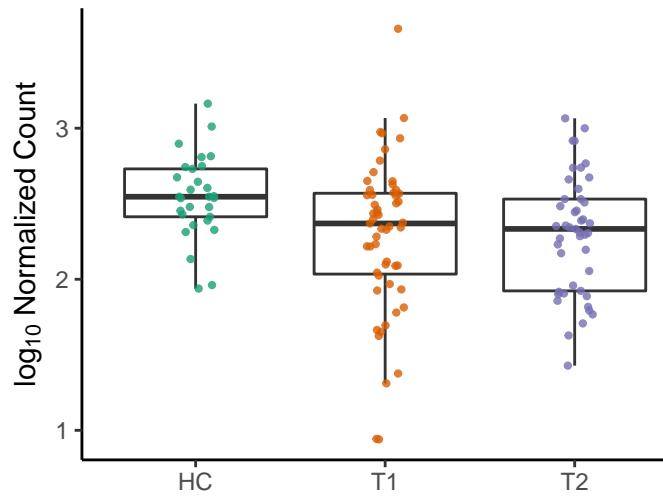
### Melittangium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



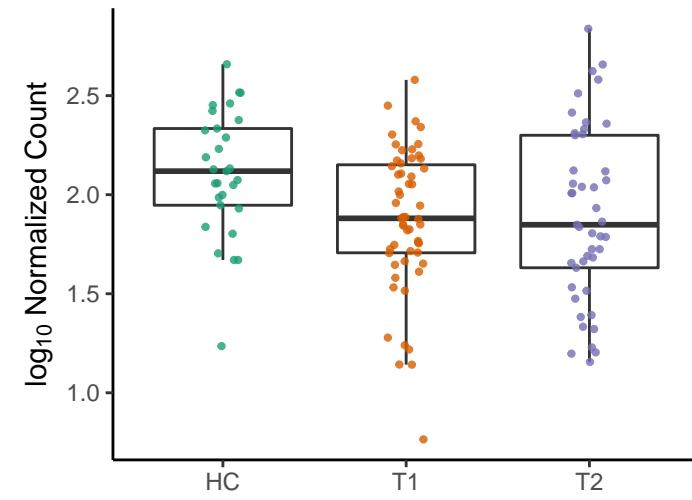
### Rhodovulum

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.83



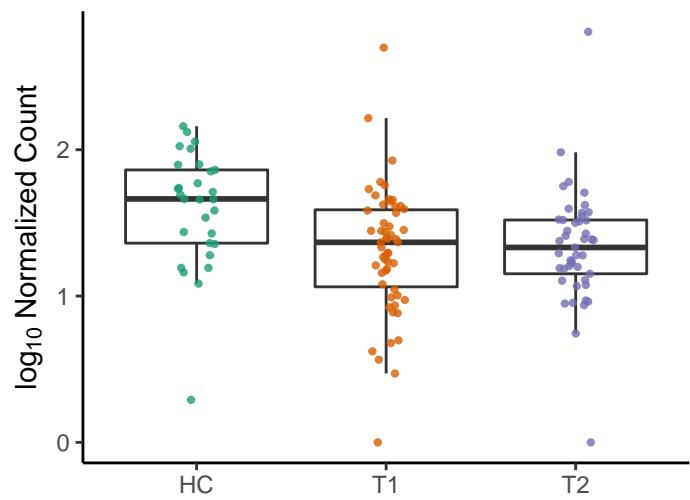
### Sporisorium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.81



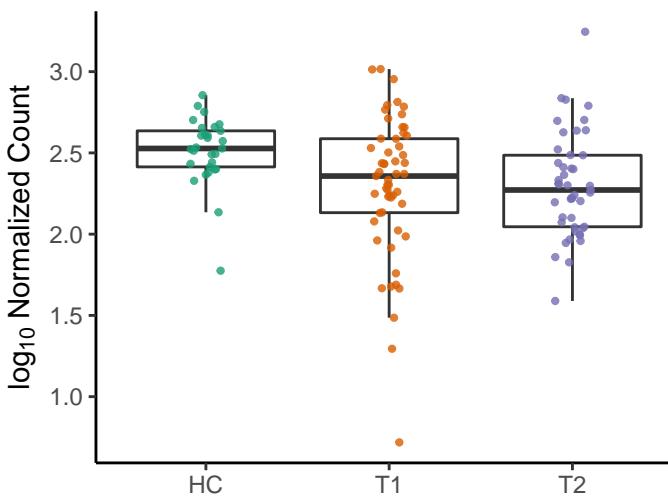
### Agarivorans

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.81



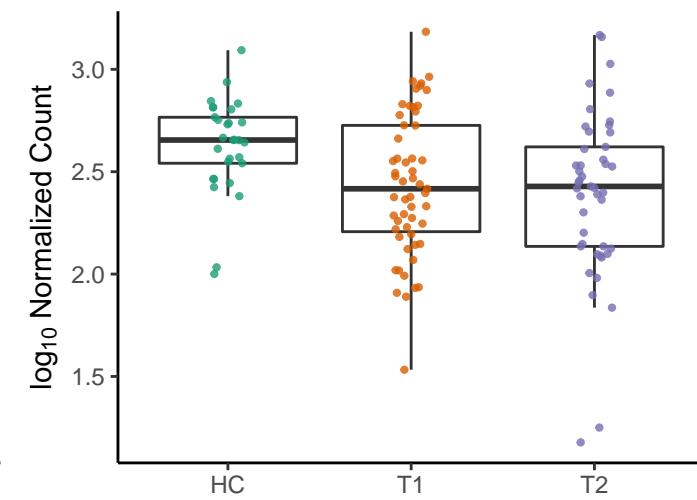
### Fibrella

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.0088  
T1 vs. T2 adjusted p = 0.95



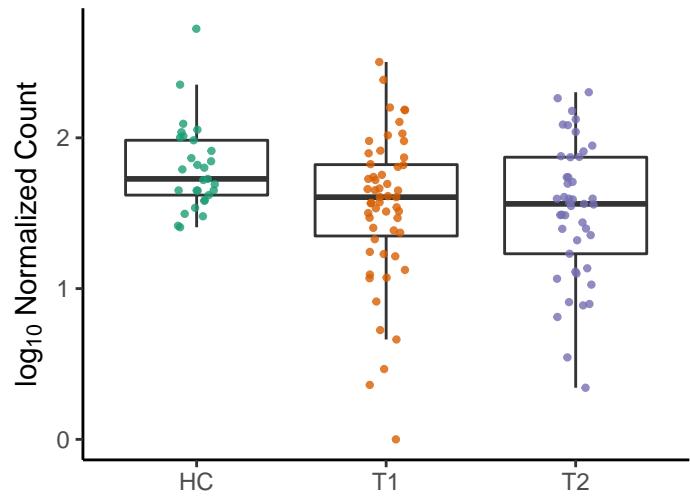
### Anaerococcus

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.81



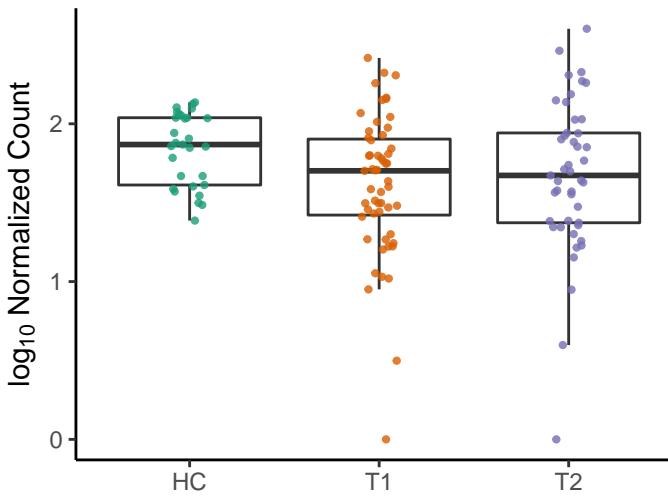
### Beijerinckia

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.92



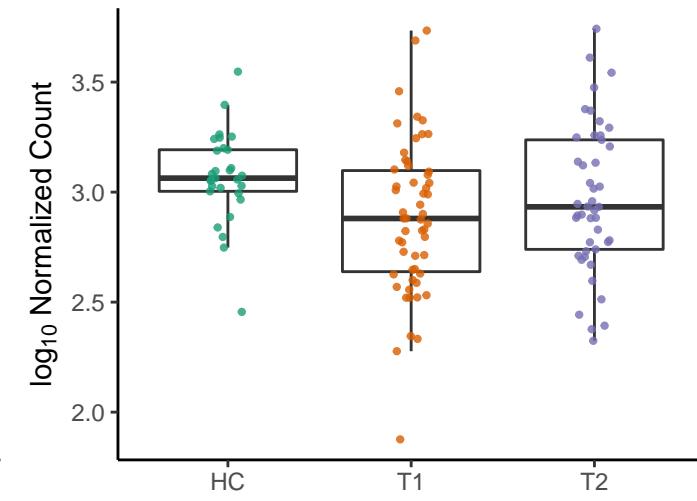
### Chania

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.077  
T1 vs. T2 adjusted p = 0.88



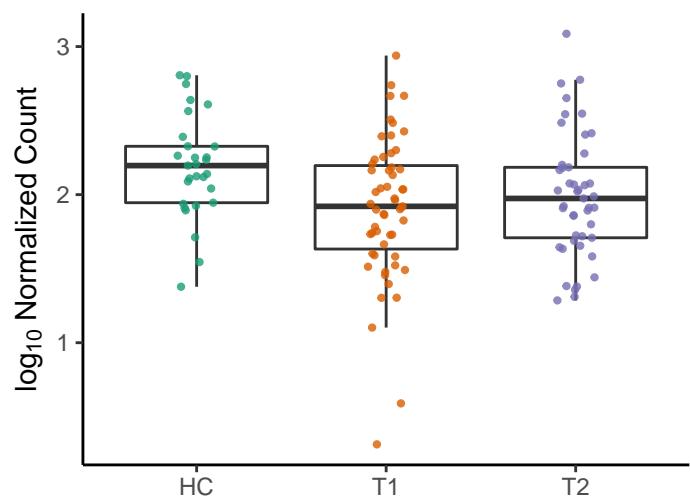
### Geobacillus

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.79



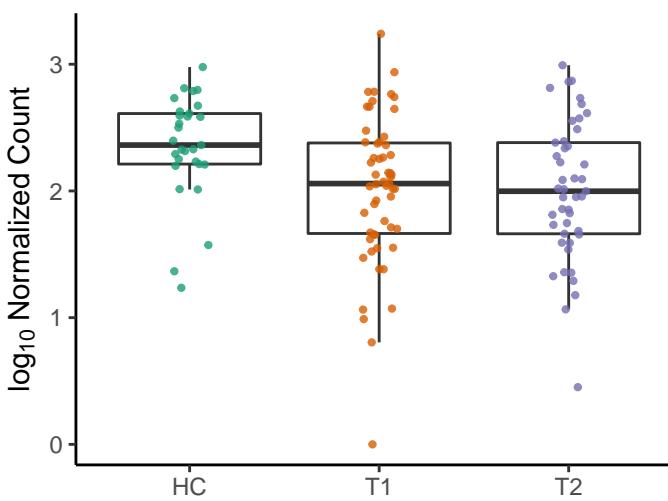
### Kiritimatiella

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.79



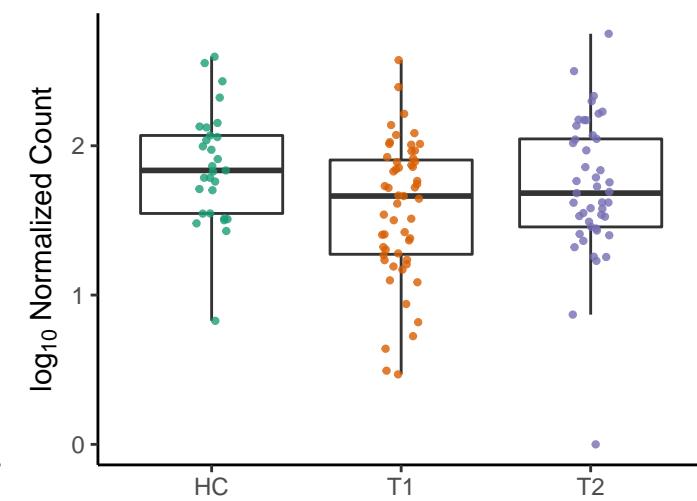
### Halobacterium

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.89



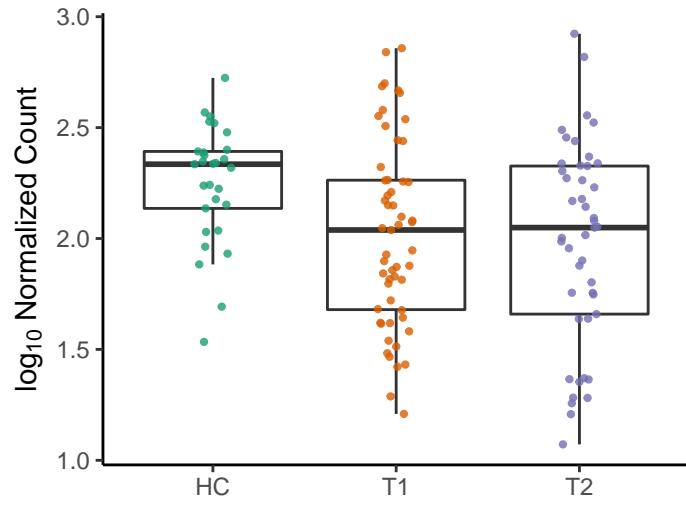
### Maricaulis

non-ED vs. T1 adjusted p = 0.01  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



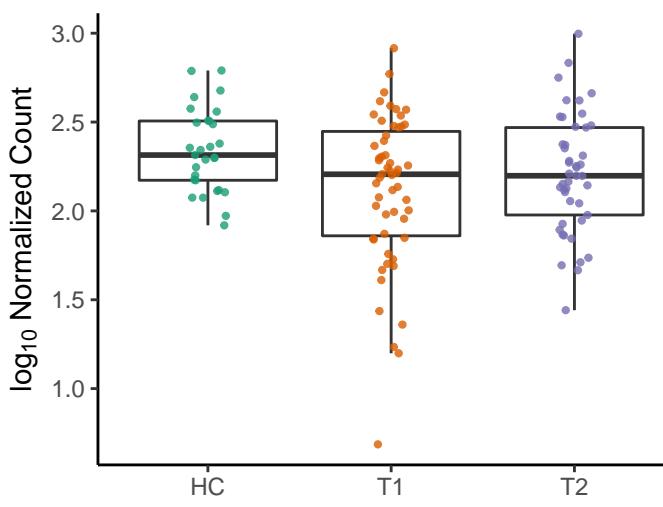
### *Methanocaldococcus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.013  
 T1 vs. T2 adjusted p = 0.85



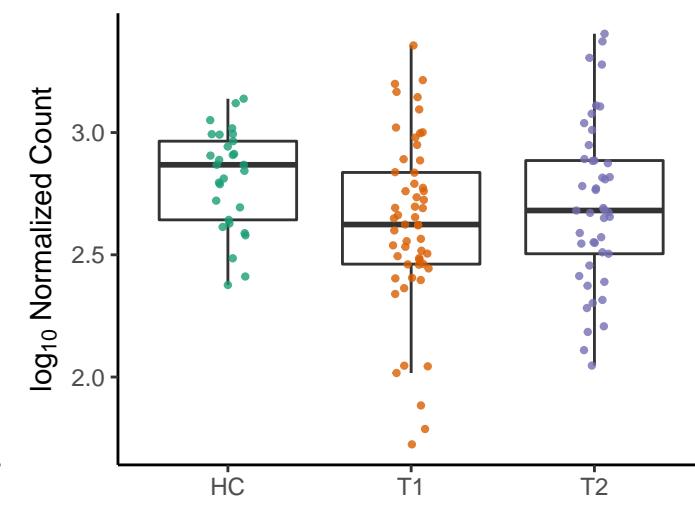
### *Geoalkalibacter*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 0.79



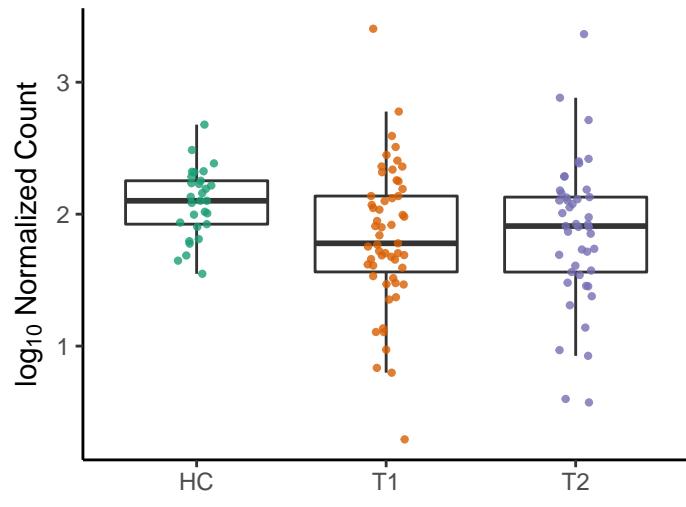
### *Pyricularia*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.79



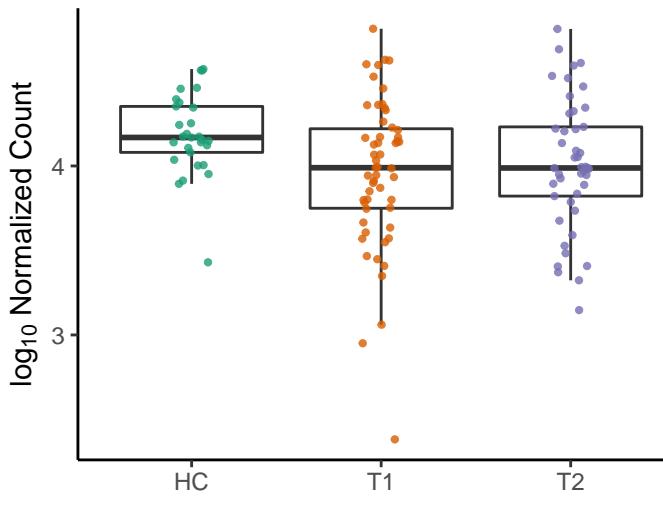
### *Hartmannibacter*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.93



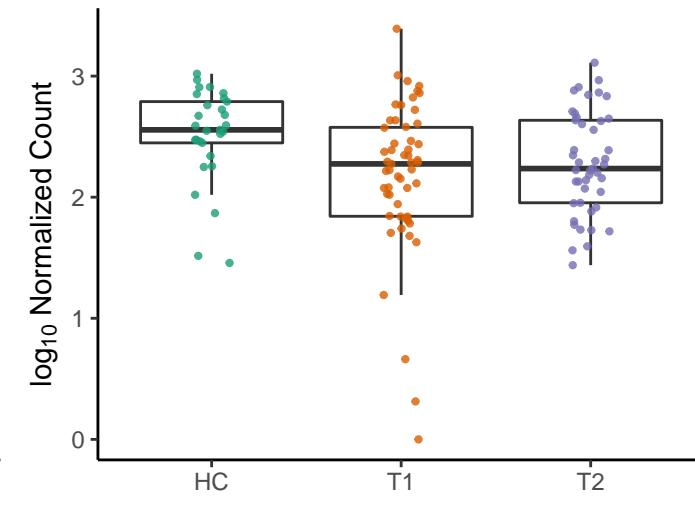
### Unclassified Actinobacteria Class

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.04  
 T1 vs. T2 adjusted p = 0.79



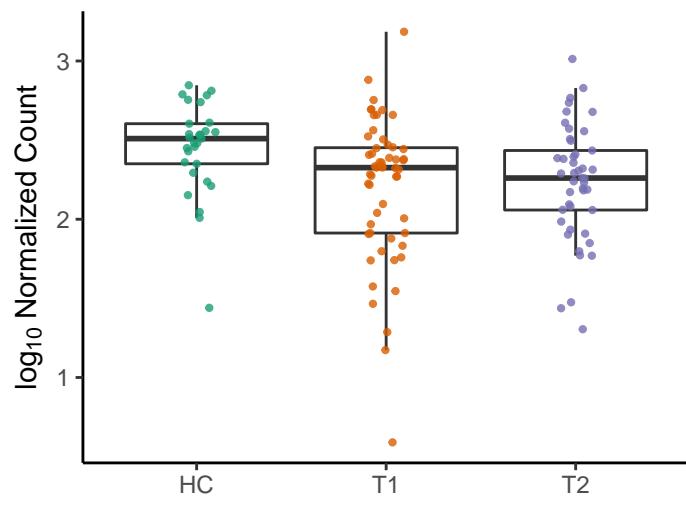
### *Agrococcus*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.039  
 T1 vs. T2 adjusted p = 0.79



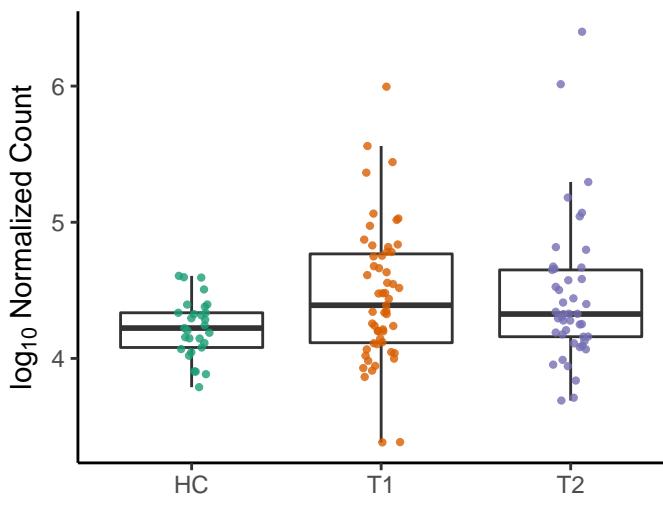
### *Asticcacaulis*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.85



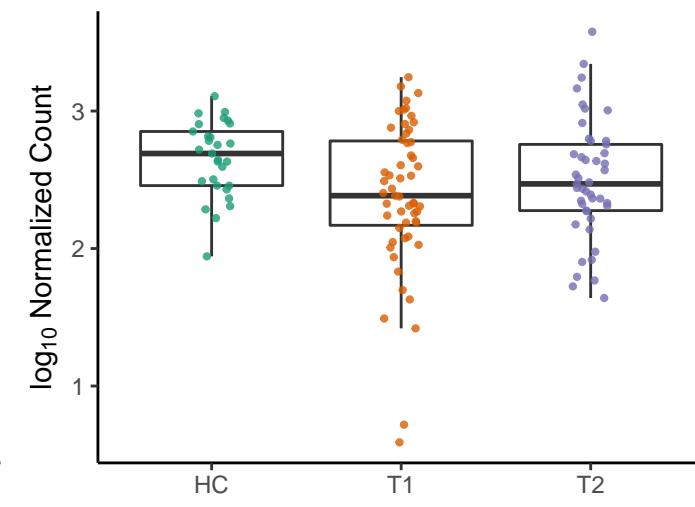
### *Erysipelatoclostridium*

non-ED vs. T1 adjusted p = 0.01  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.93



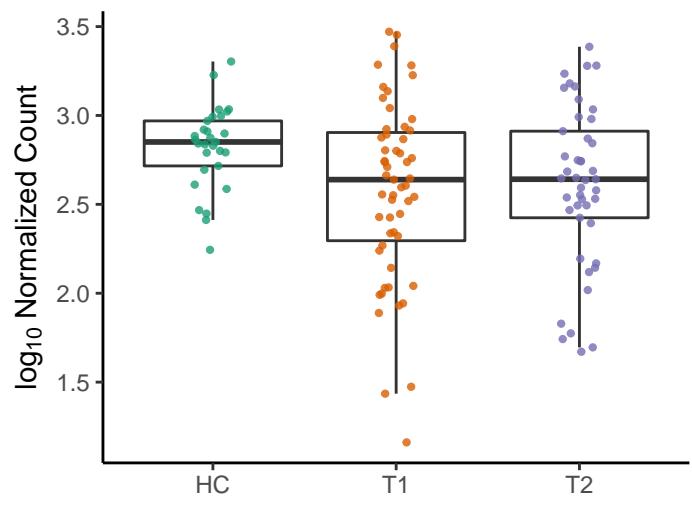
### *Methylorubrum*

non-ED vs. T1 adjusted p = 0.011  
 non-ED vs. T2 adjusted p = 0.098  
 T1 vs. T2 adjusted p = 0.79



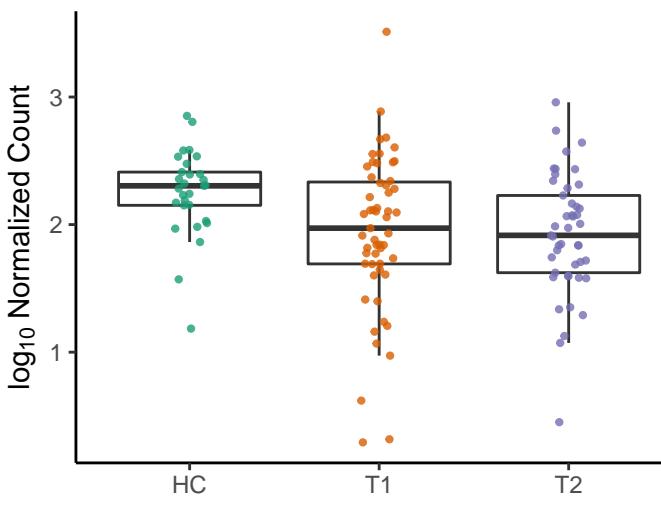
### Kitasatospora

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



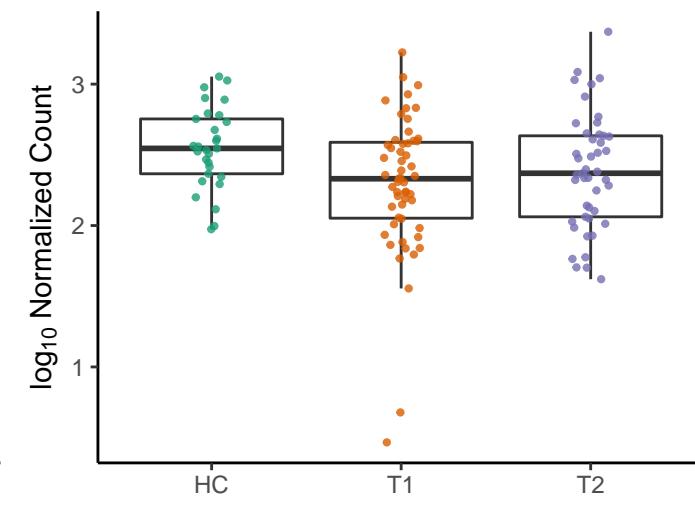
### Melaminivora

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.83



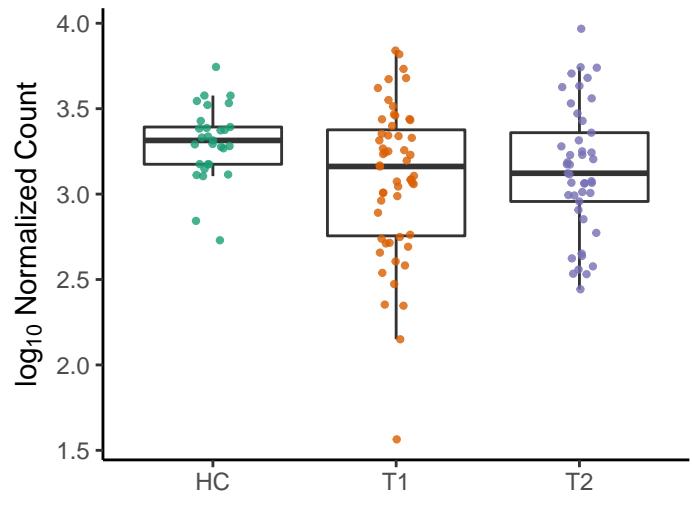
### Mycolicibacter

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.79



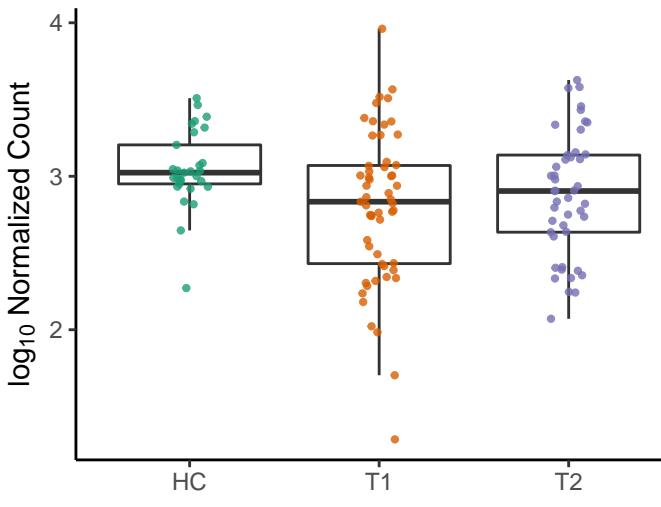
### Unclassified Rhodobacteraceae Family

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



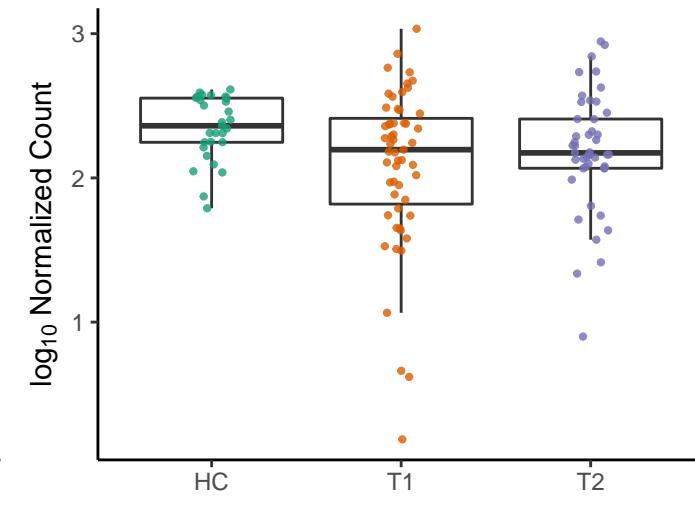
### Pseudonocardia

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.79



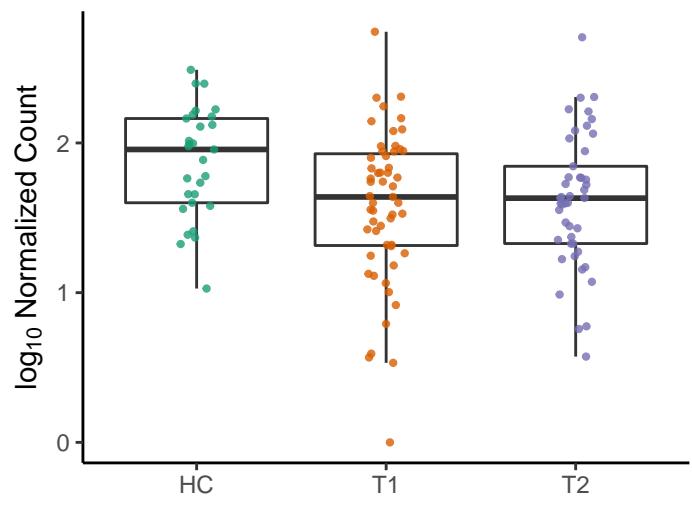
### Unclassified Caulobacteraceae Family

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.79



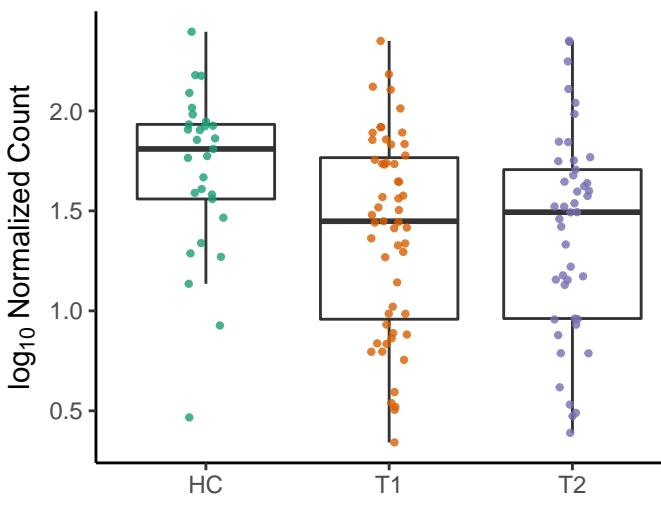
### Diaminobutyricimonas

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



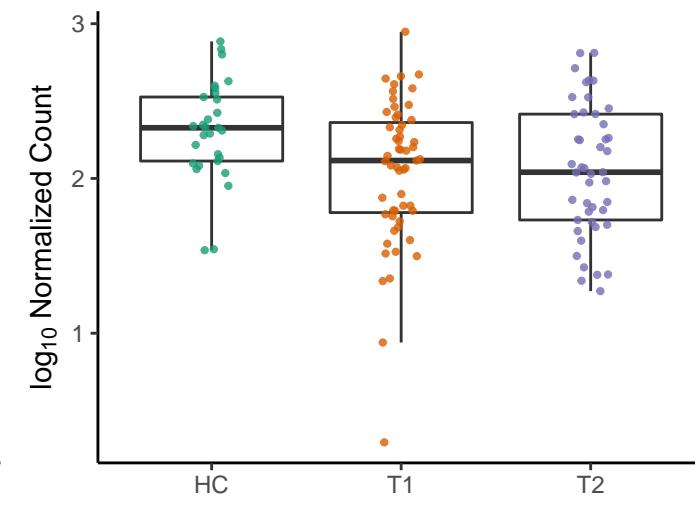
### Candidatus Cytomitobacter

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.97



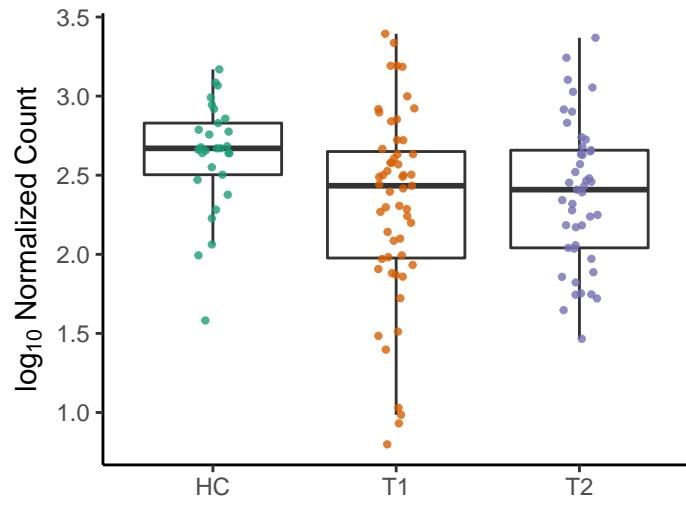
### Methylibium

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.83



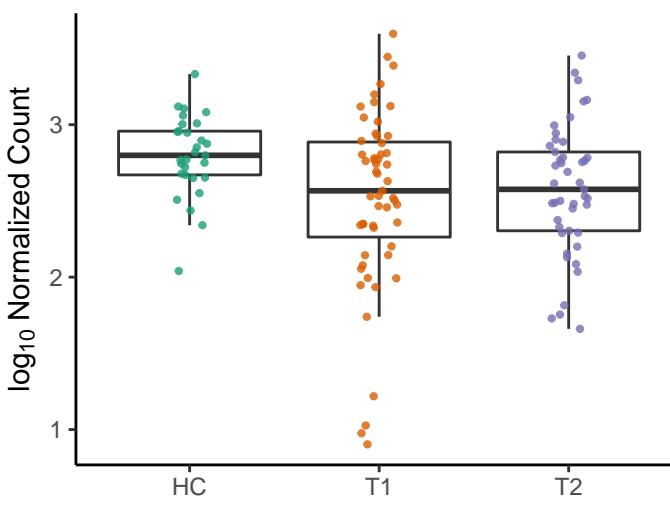
### Actinosynnema

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



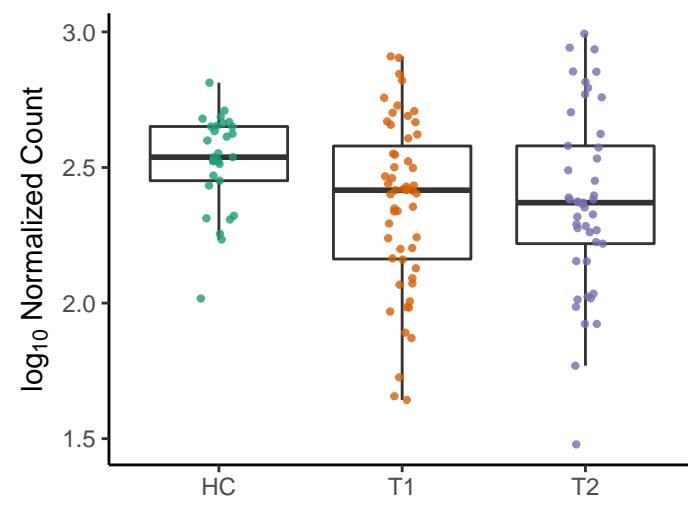
### Nocardiopsis

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



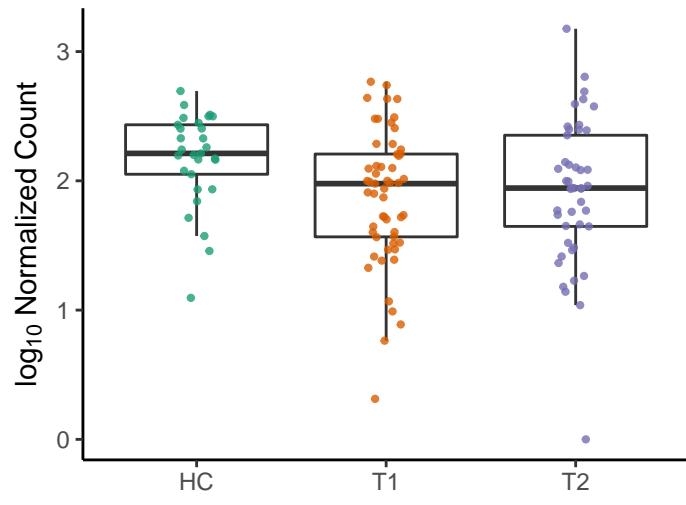
### Cellvibrio

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.92



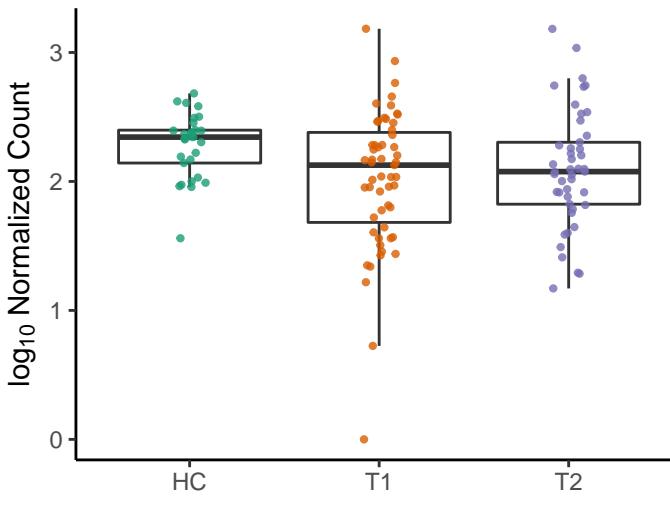
### Arsenicicoccus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.88



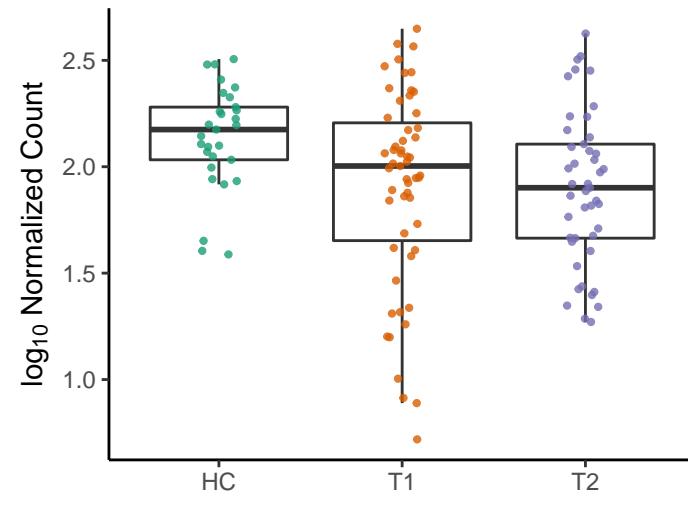
### Methyloceanibacter

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.79



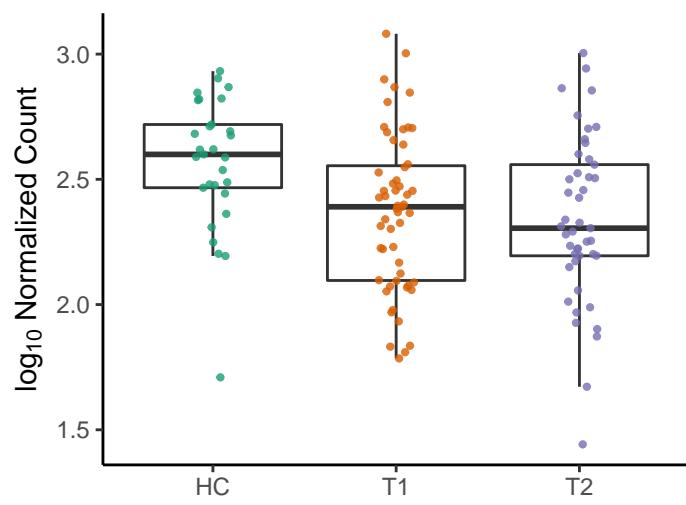
### Niveispirillum

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 1



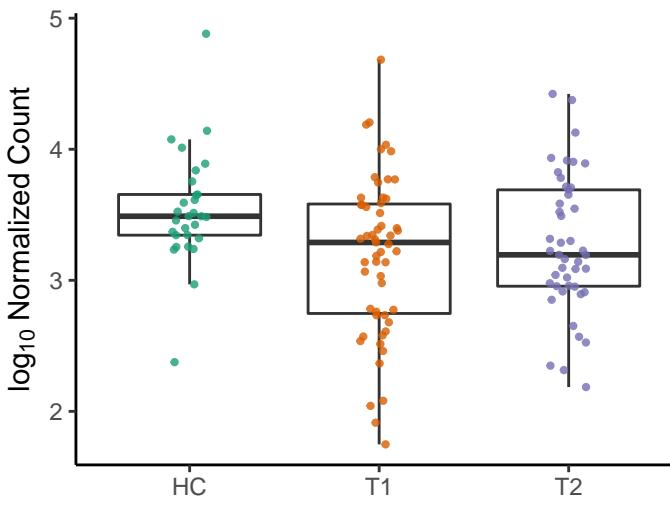
### Sulfurimonas

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.83



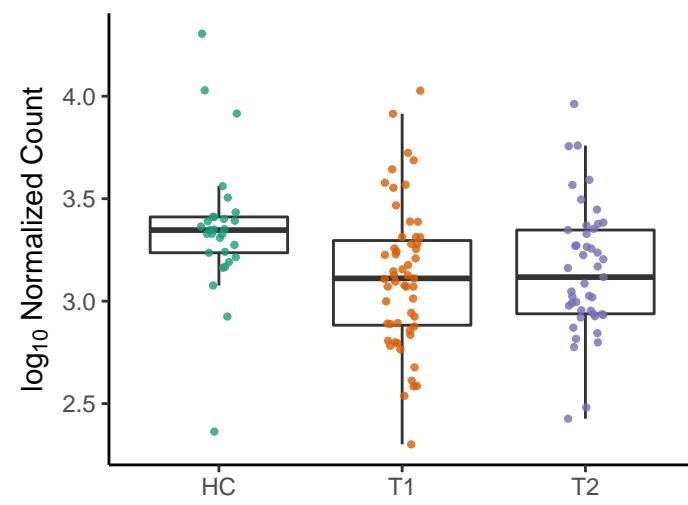
### Unclassified Atopobiaceae Family

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



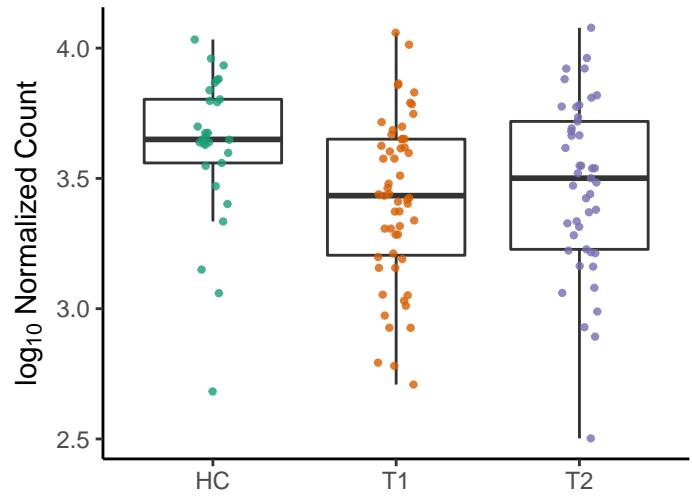
### Intestinibaculum

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.82



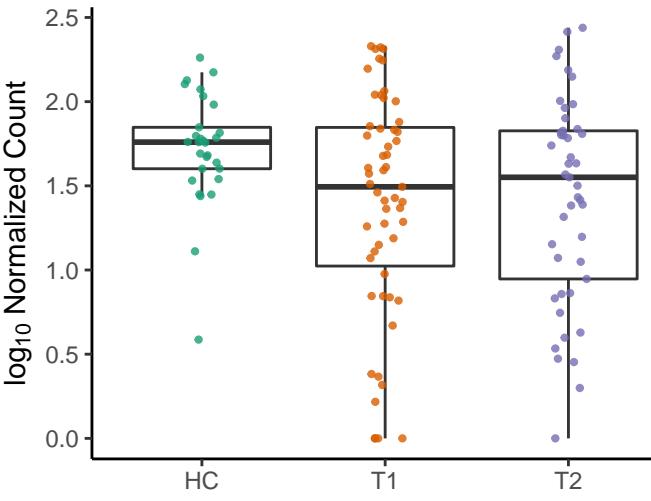
### Pseudobutyrivibrio

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 0.79



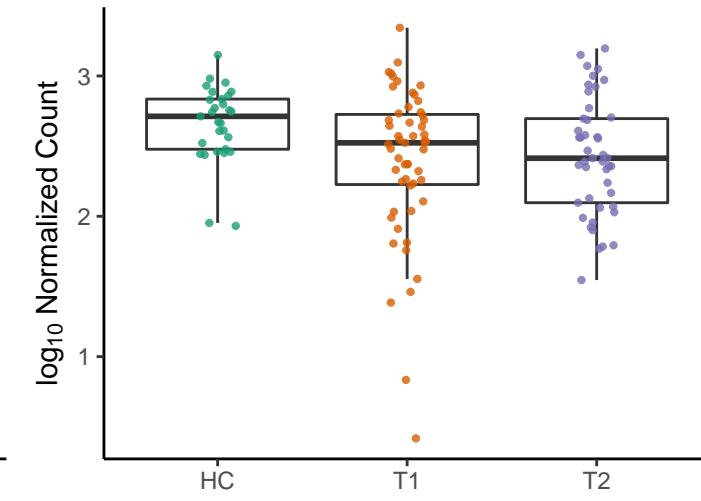
### Qipengyuania

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.89



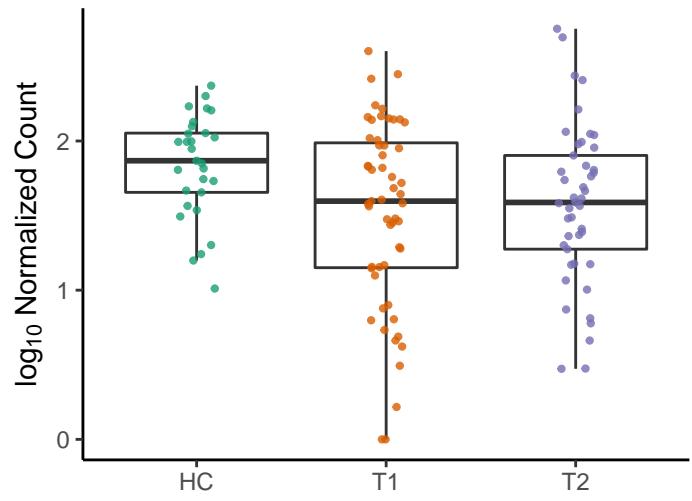
### Rhodothermus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.79



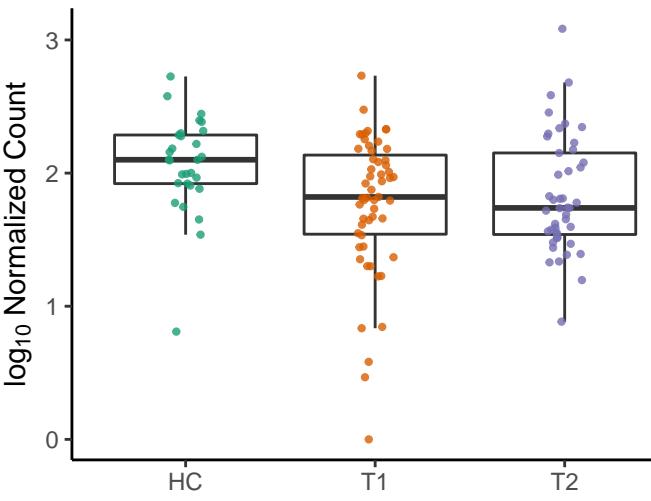
### Unclassified Rhodospirillales Order

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.79



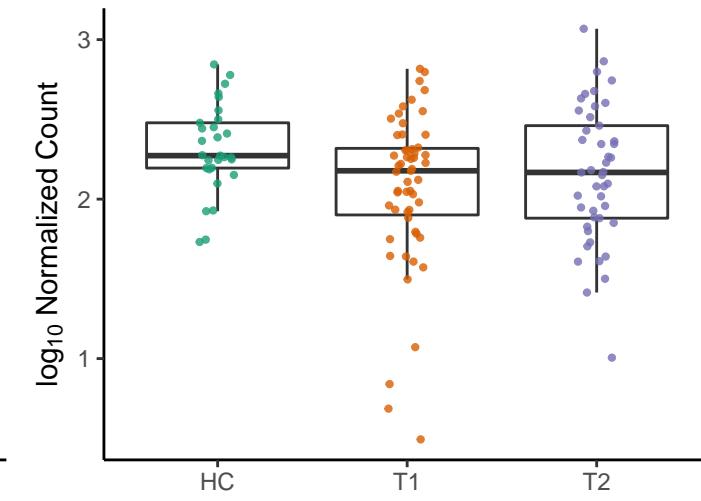
### Unclassified Thermoplasmata Class

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.79



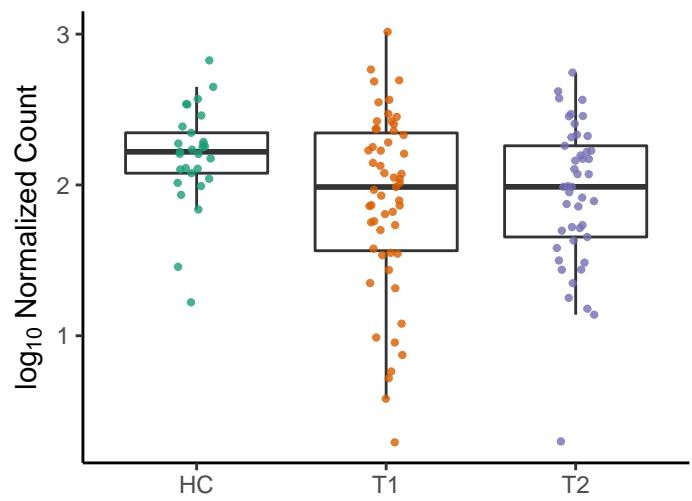
### Unclassified Halobacteria Class

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.79



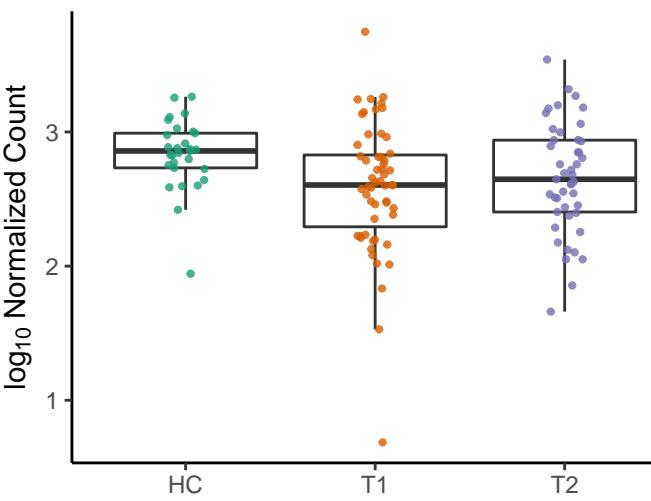
### Immundisolibacter

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



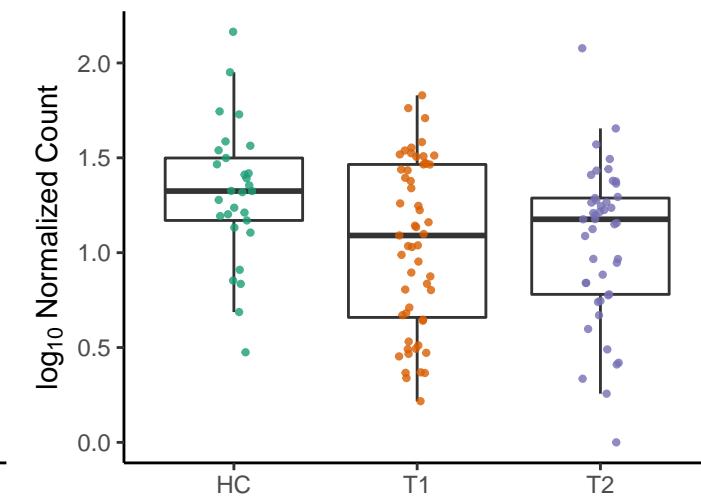
### Aeromicrobium

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.79



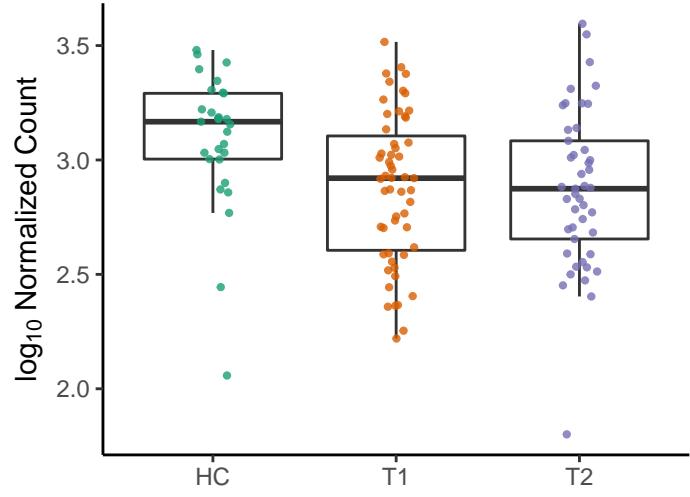
### Candidatus Saccharimonas

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 1



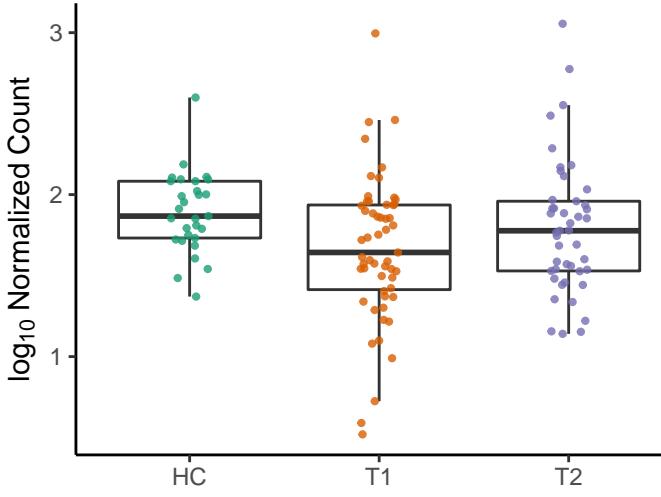
### Caldicellulosiruptor

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 1



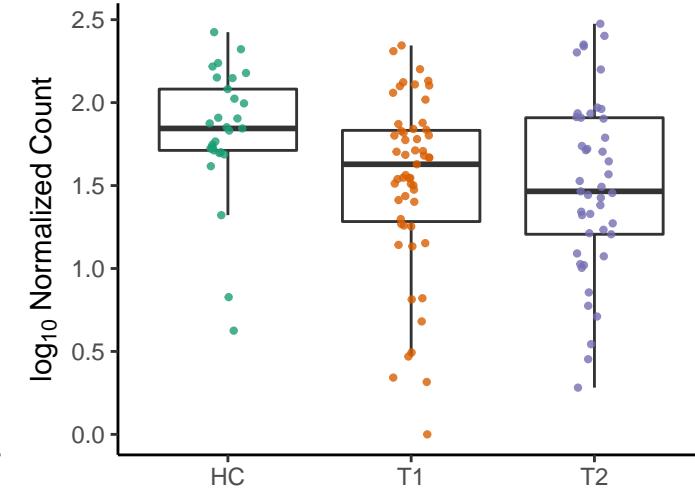
### Salaquimonas

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.79



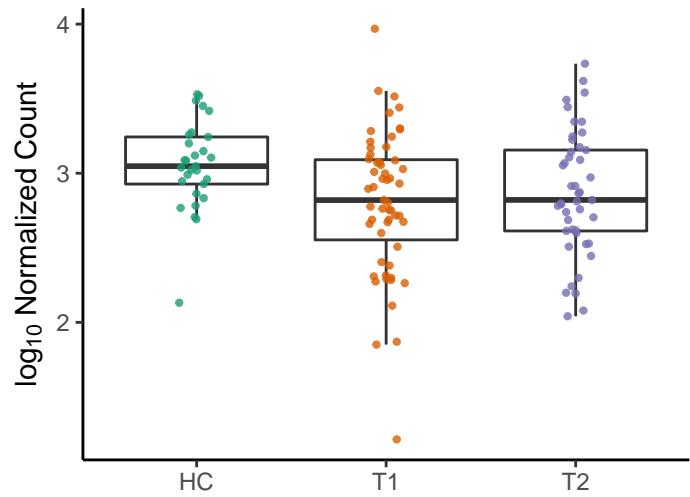
### Halobellus

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.99



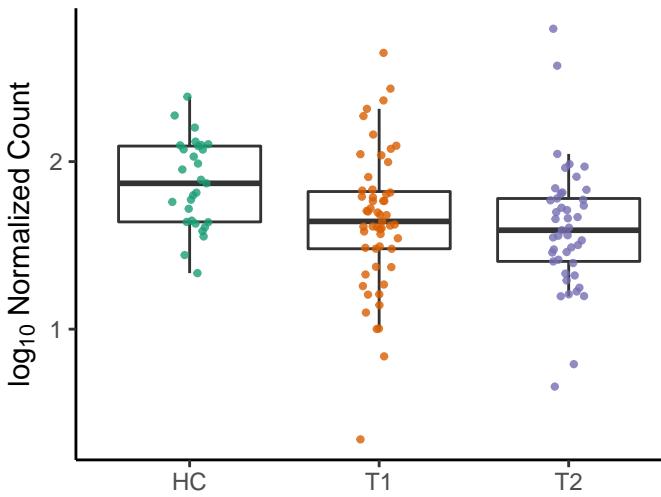
### Unclassified Micrococcales Order

non-ED vs. T1 adjusted p = 0.011  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.79



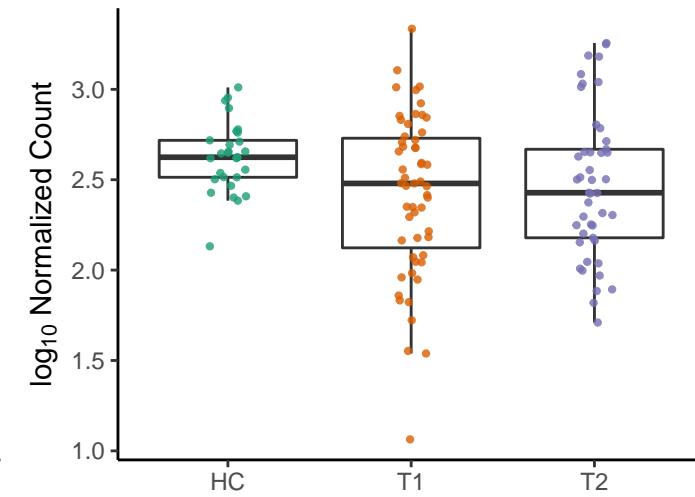
### Snodgrassella

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.0078  
T1 vs. T2 adjusted p = 0.83



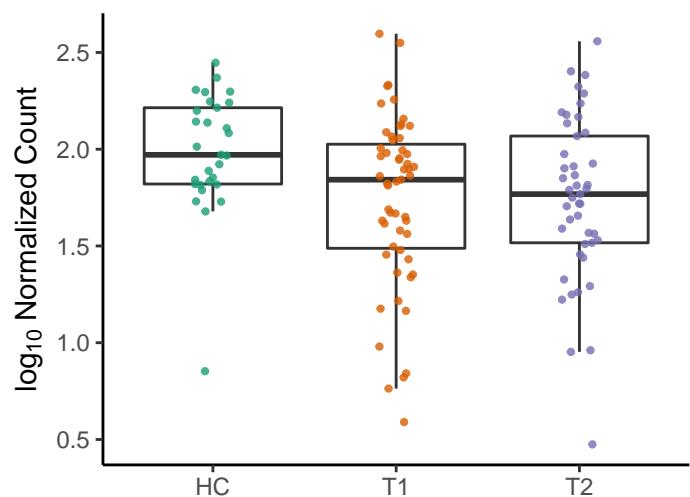
### Alicyclobacillus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.79



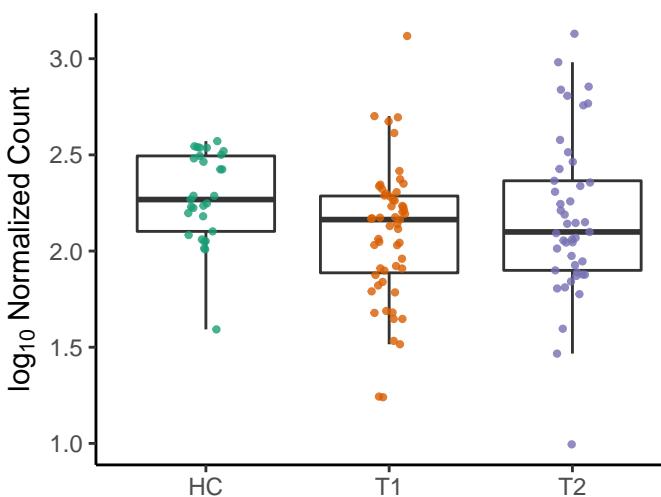
### Roseibacterium

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 1



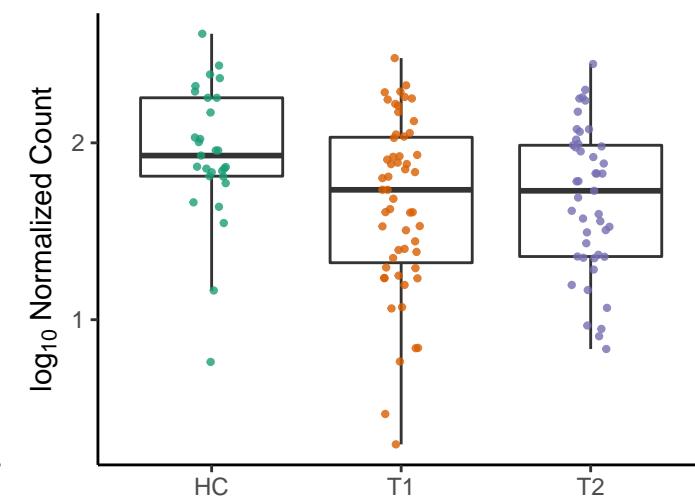
### Salimicrobium

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.79



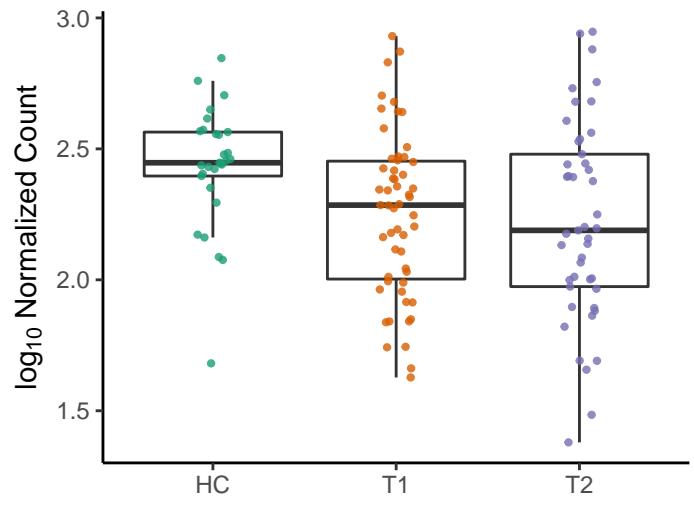
### Tetrasphaera

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.86



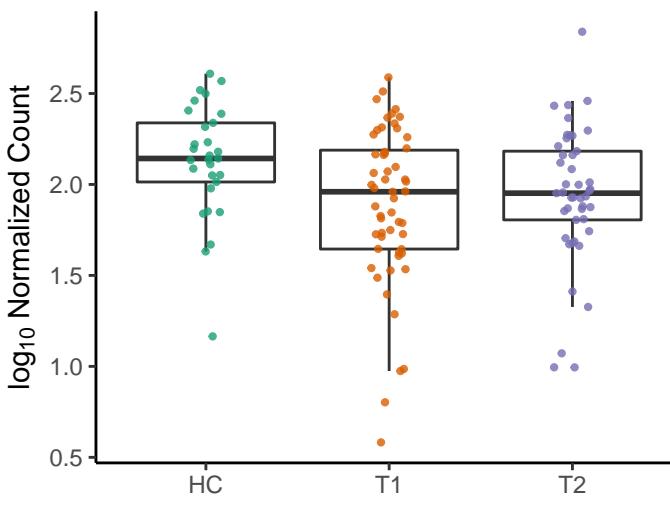
### Oenococcus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.84



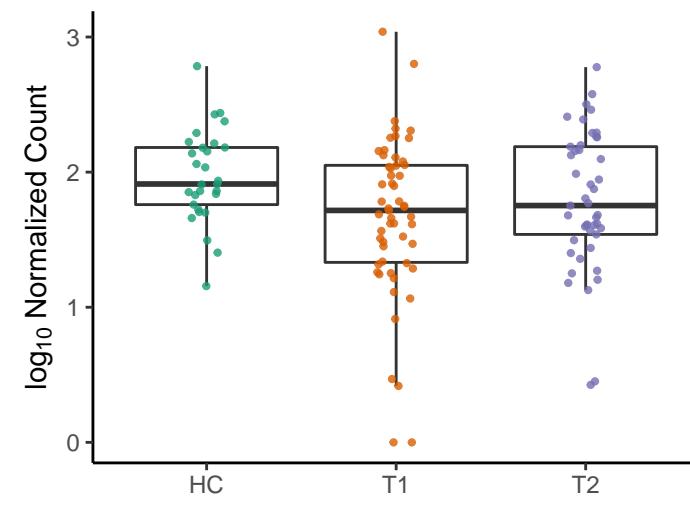
### Xylella

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.8



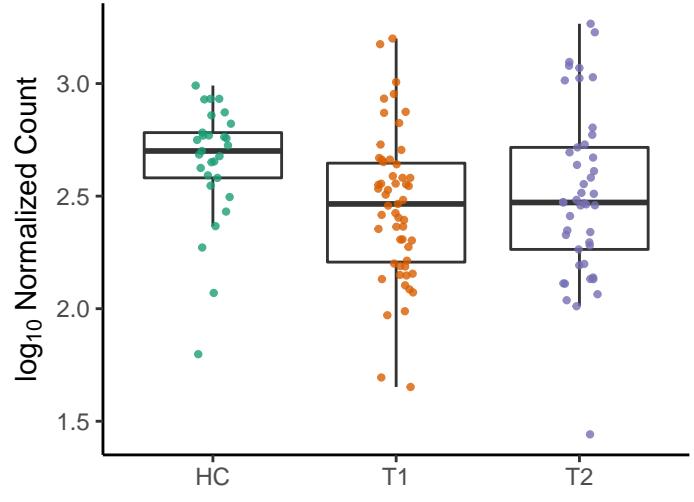
### Yoonia

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



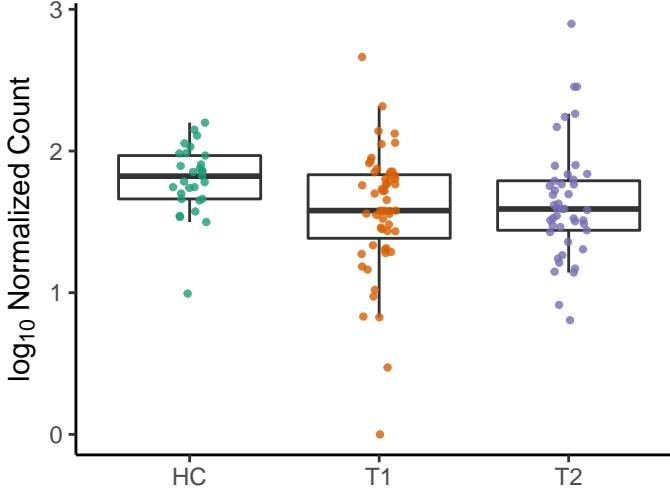
### Pelosinus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.81



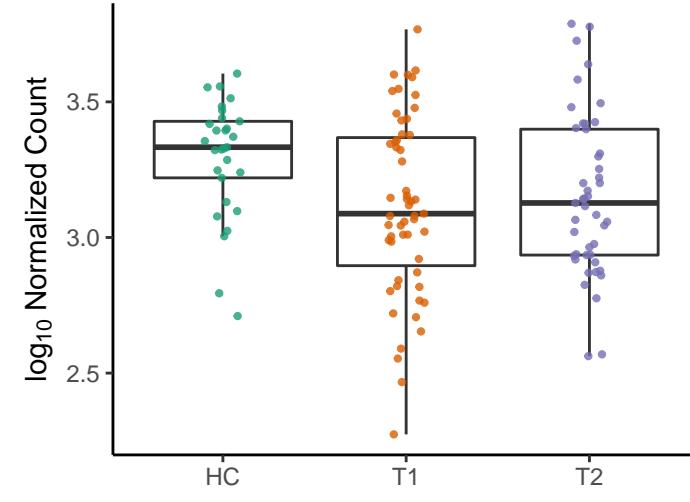
### Methanospirillum

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.83



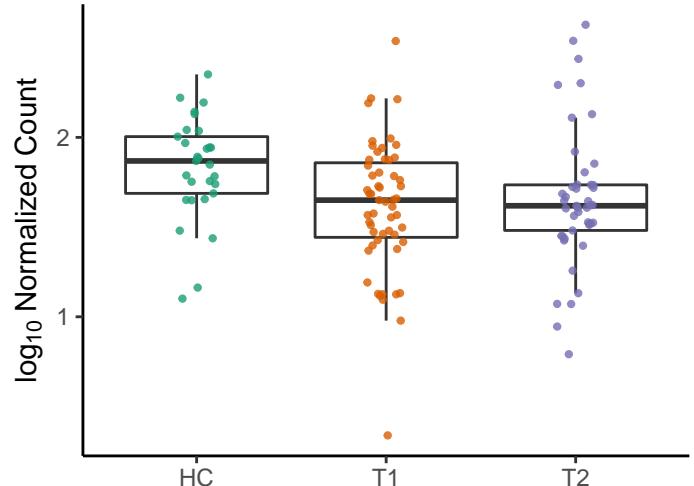
### Unclassified Clostridia Class

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.81



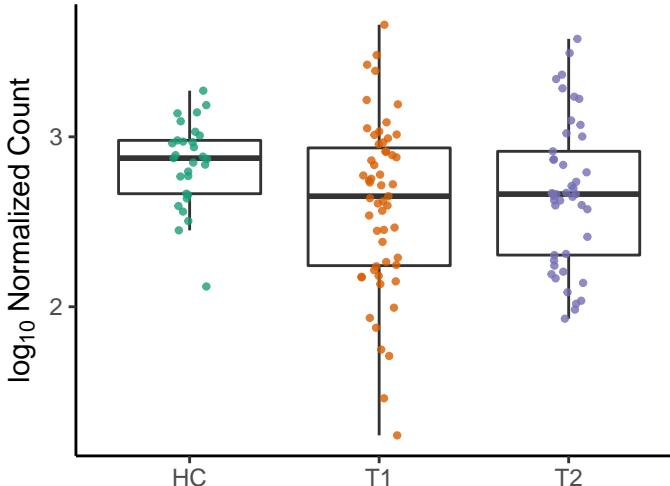
### Gilvibacter

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.85



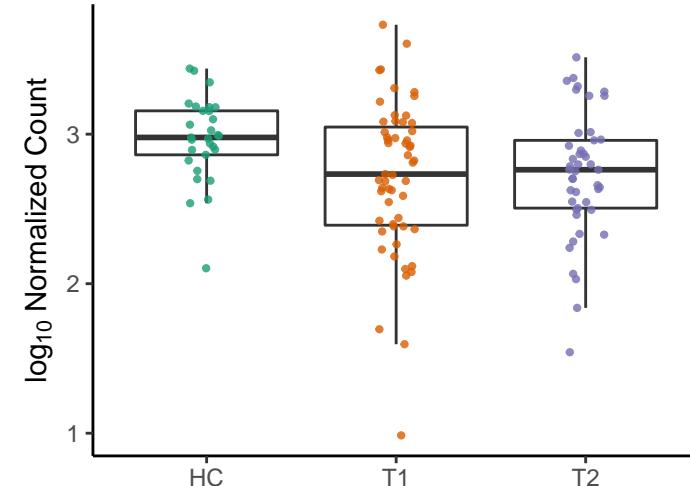
### Symbiobacterium

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.79



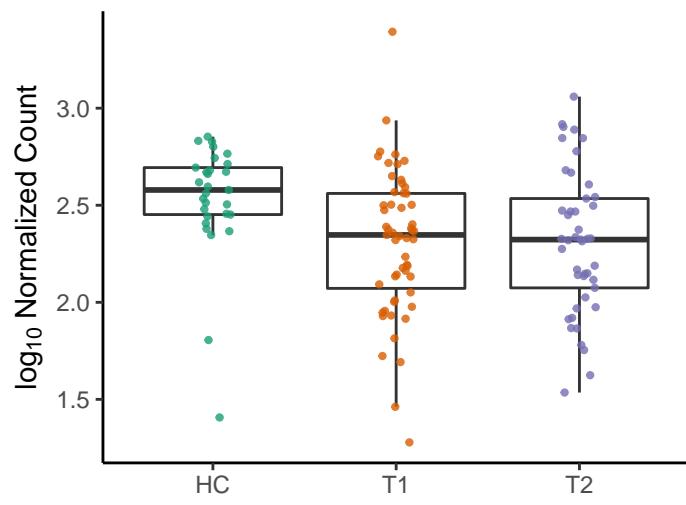
### Kocuria

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.85



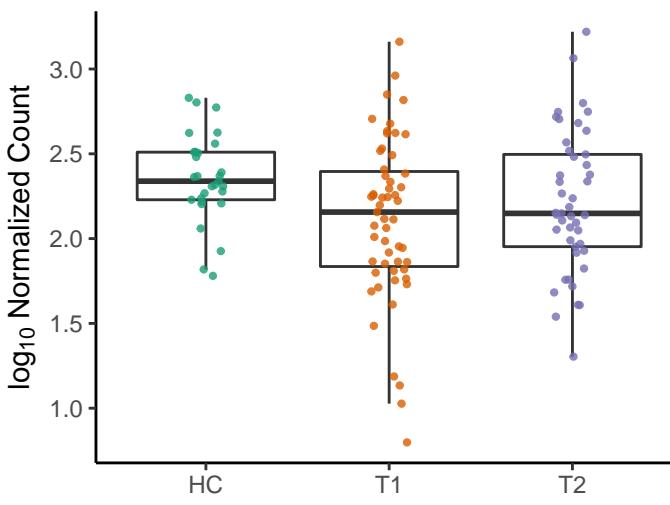
### Kushneria

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.89



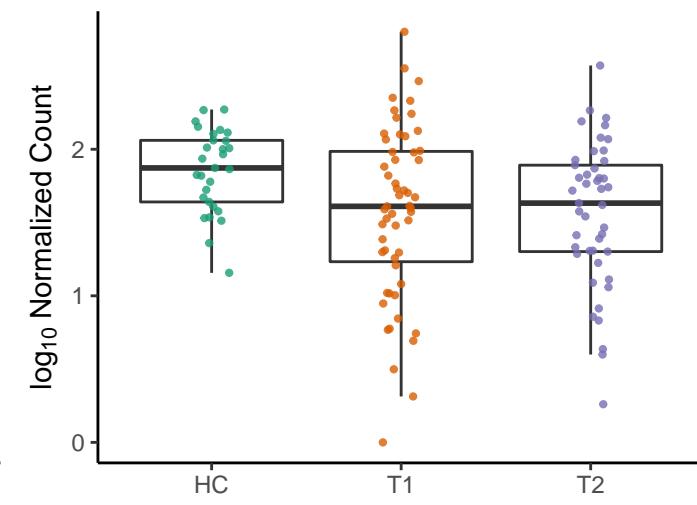
### Luteitalea

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



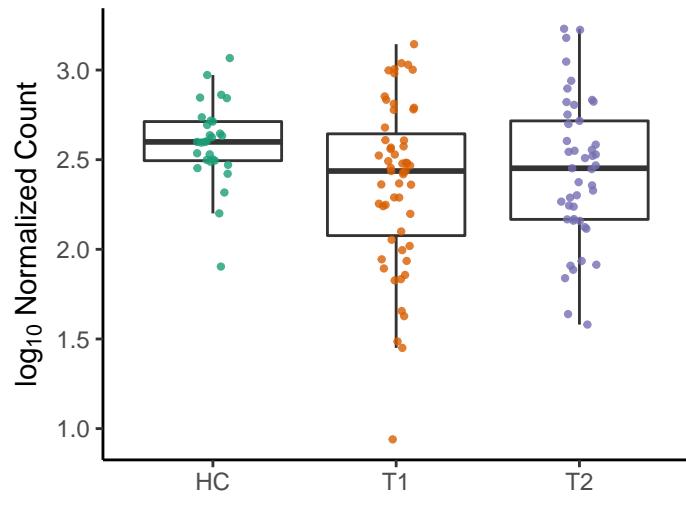
### Afipia

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 1



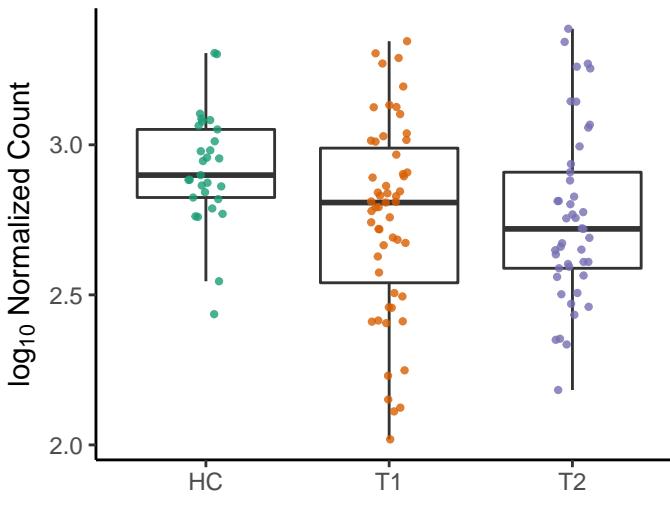
### Unclassified Micrococcaceae Family

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



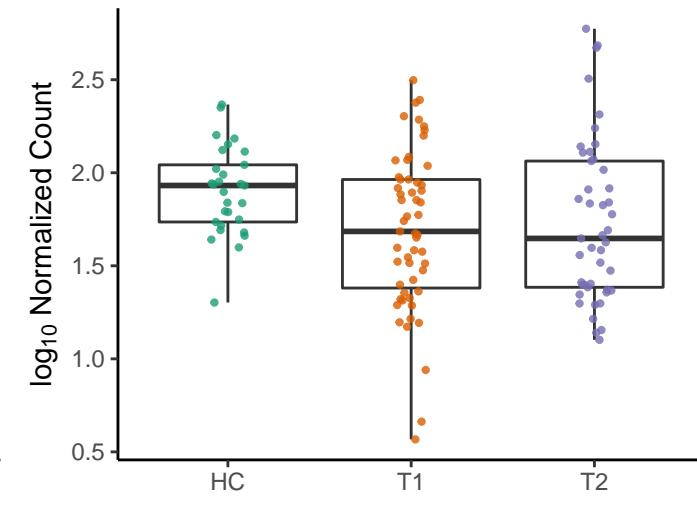
### Microbulbifer

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.85



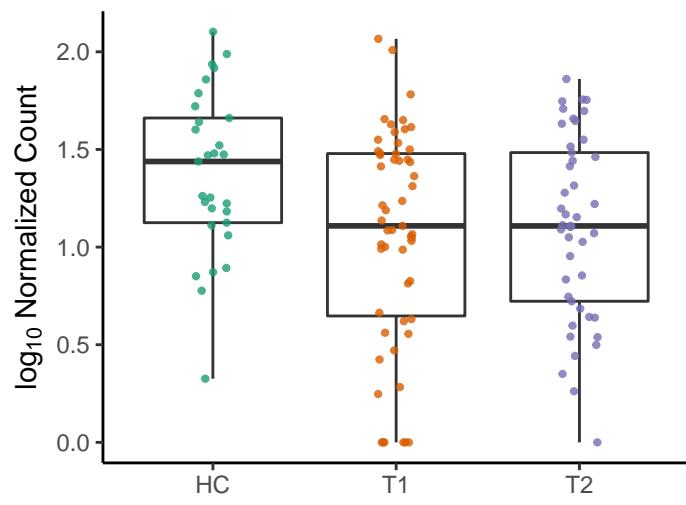
### Chthonomonas

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.82



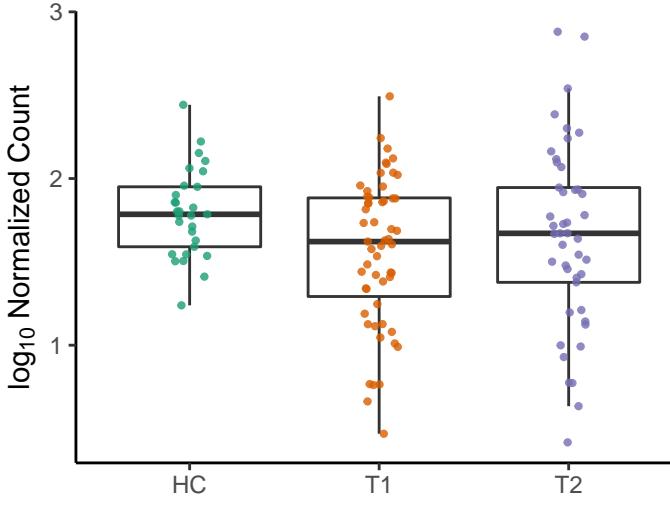
### Halanaeroarchaeum

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.91



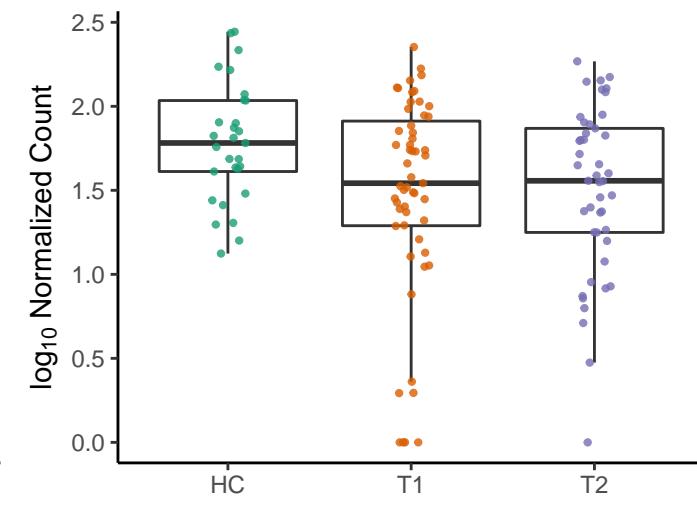
### Neomicrococcus

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



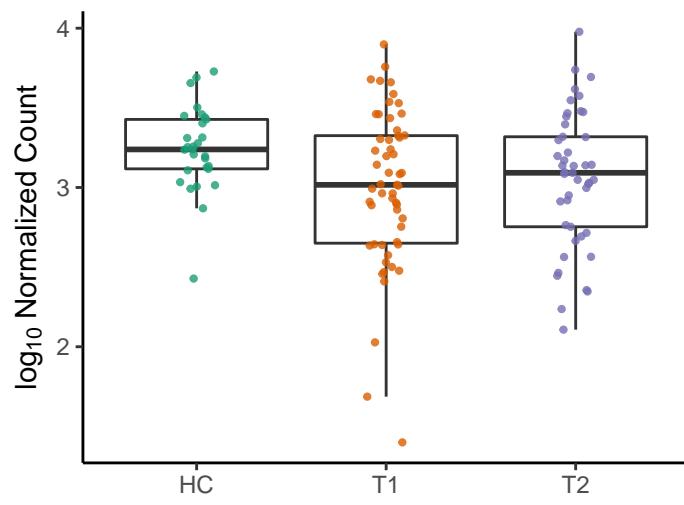
### Unclassified Synechococcaceae Family

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.85



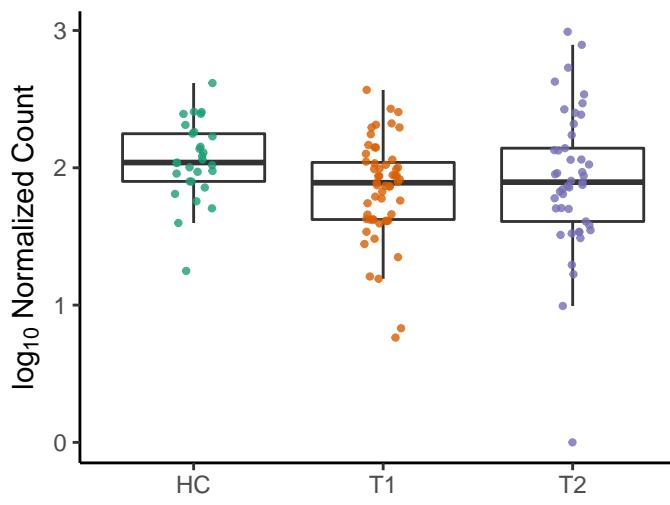
### Amycolatopsis

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



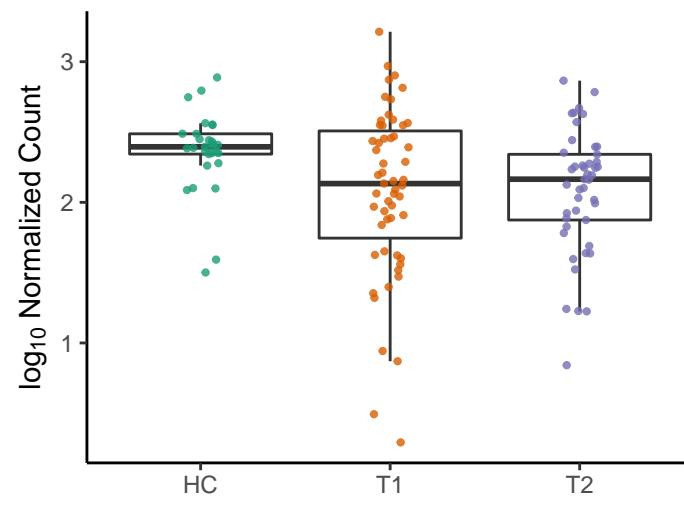
### Pseudorhodobacter

non-ED vs. T1 adjusted p = 0.012  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.79



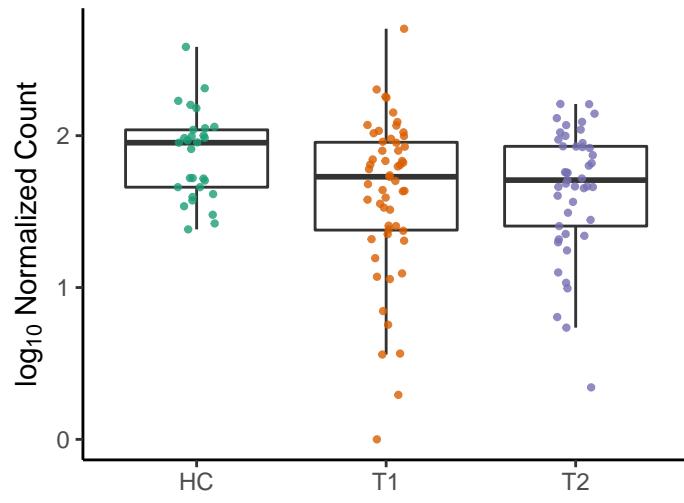
### Euzebya

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.93



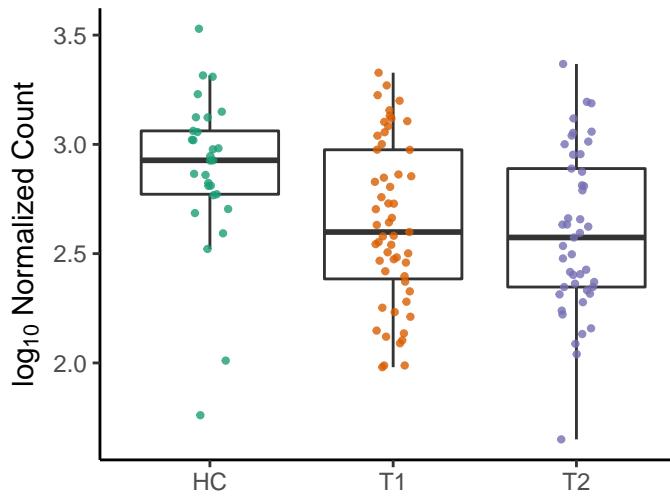
### Acidilobus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.8



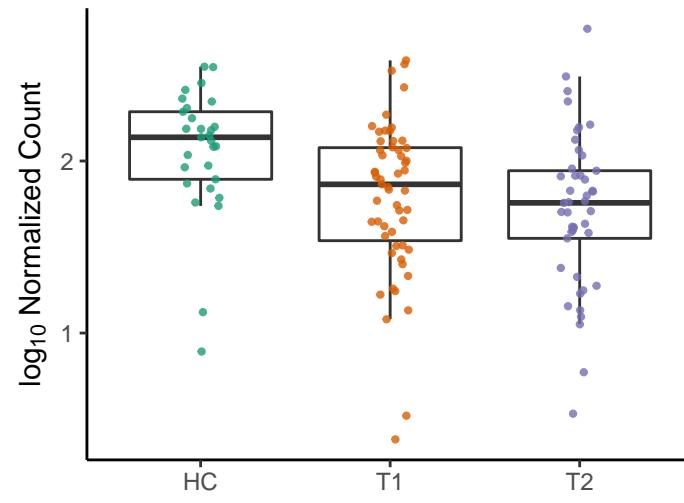
### Acholeplasma

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.81



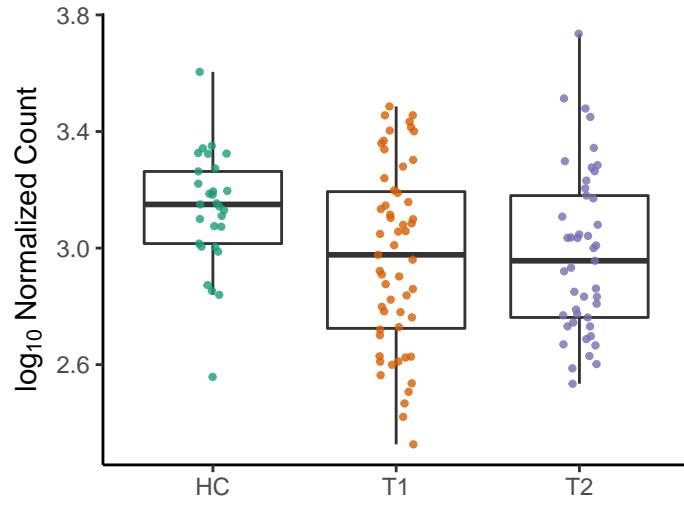
### Catenovulum

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.79



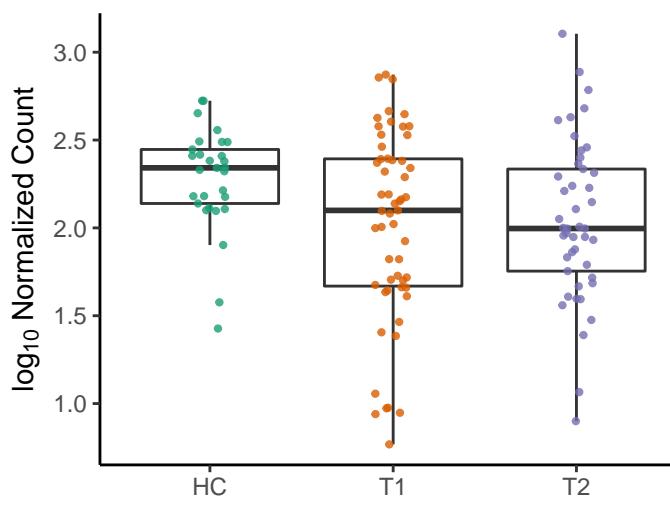
### Pseudoalteromonas

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.97



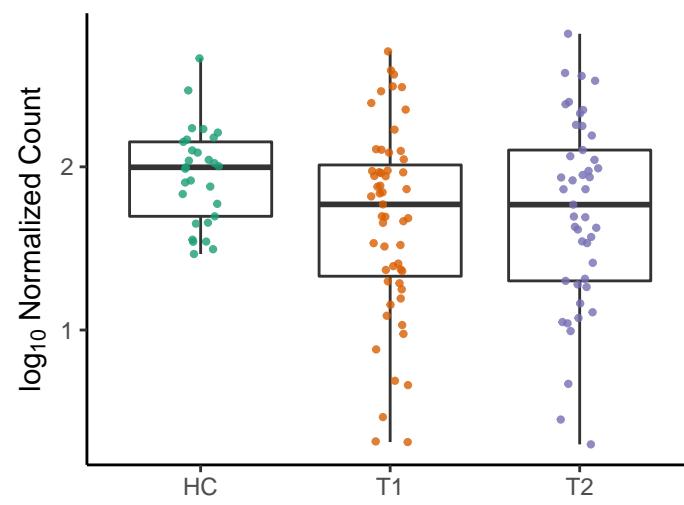
### Sphaerotilus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.79



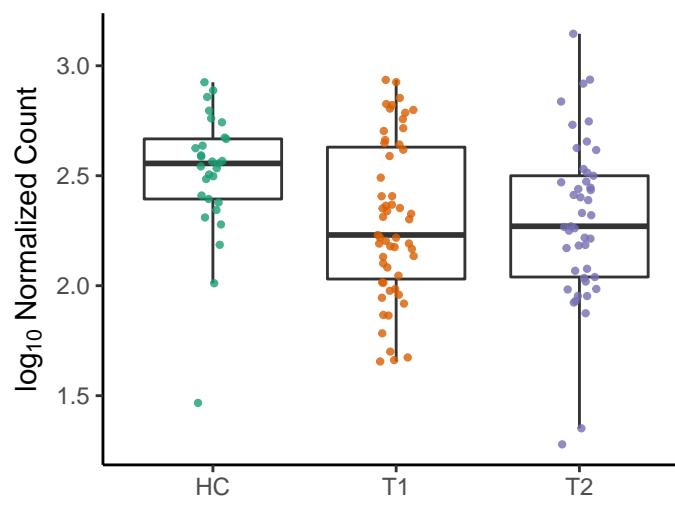
### Halorussus

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.85



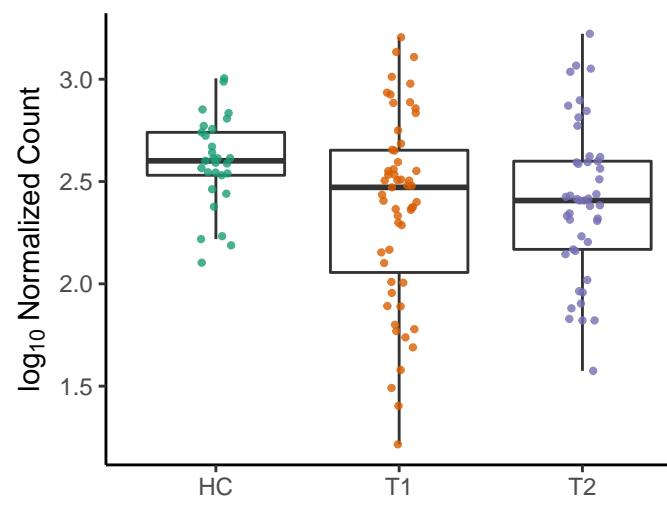
### *Halanaerobium*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.97



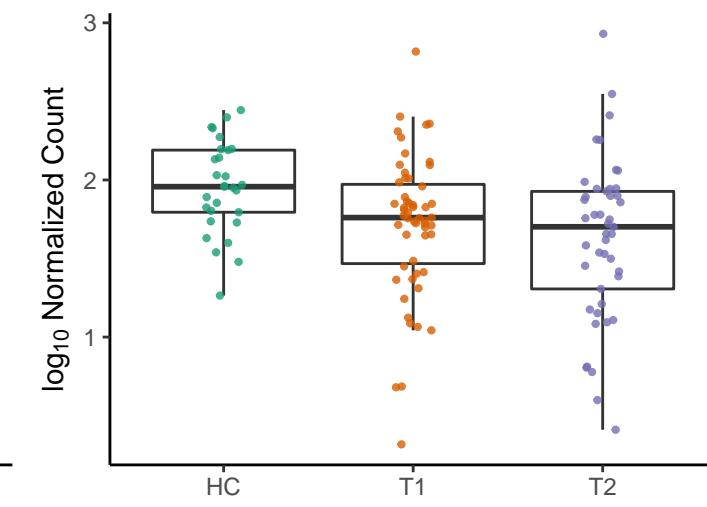
### *Gloeobacter*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.8



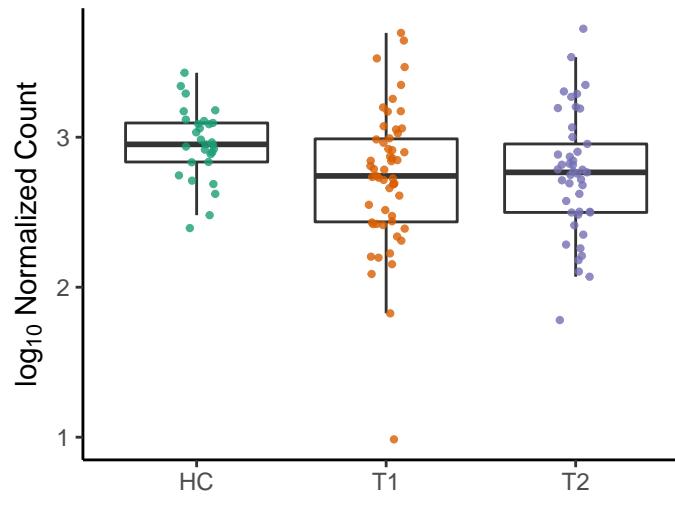
### *Parashewanella*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0086  
 T1 vs. T2 adjusted p = 0.79



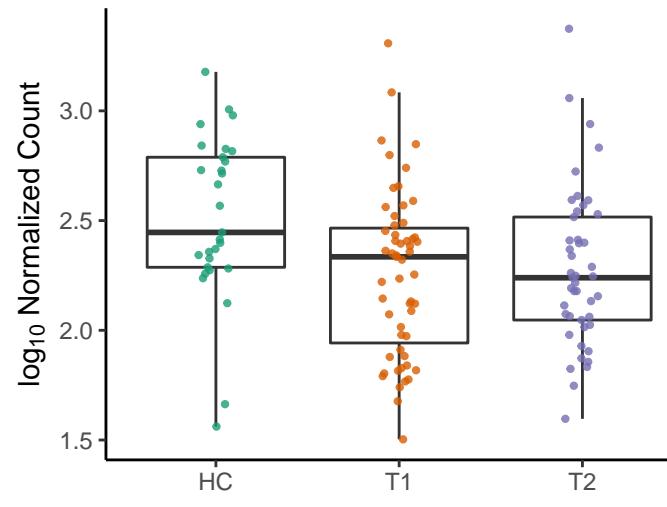
### *Rhodopseudomonas*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.86



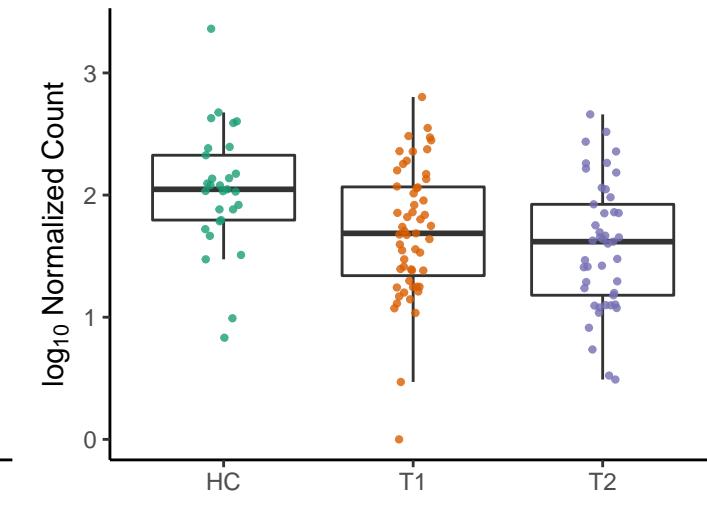
### *Heliorestis*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.85



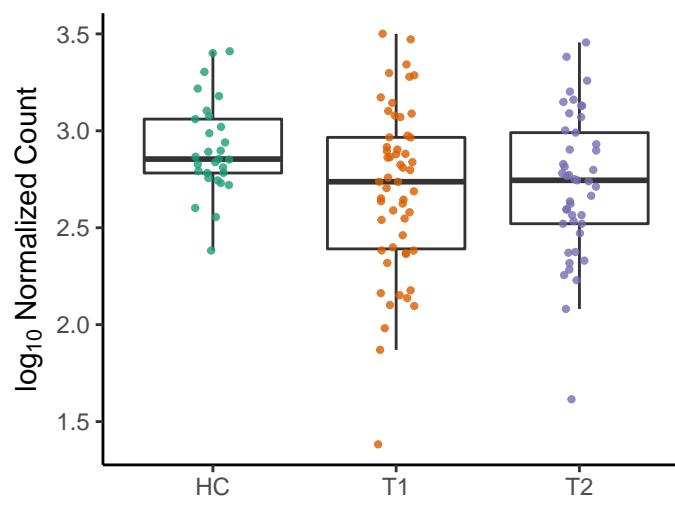
### *Streptobacillus*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.0056  
 T1 vs. T2 adjusted p = 0.79



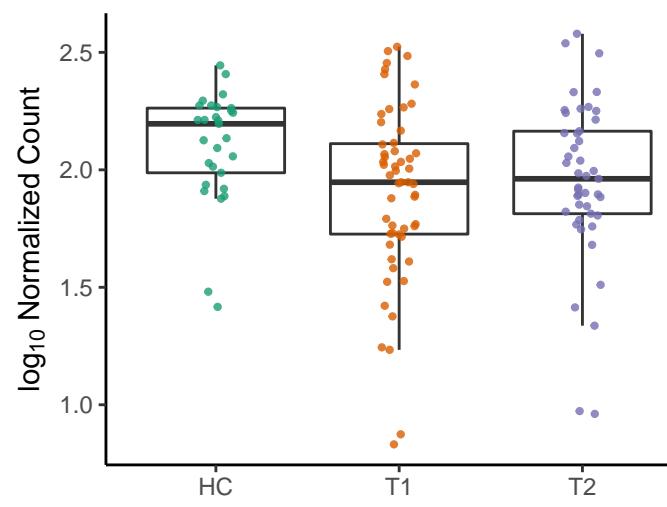
### *Erythrobacter*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.8



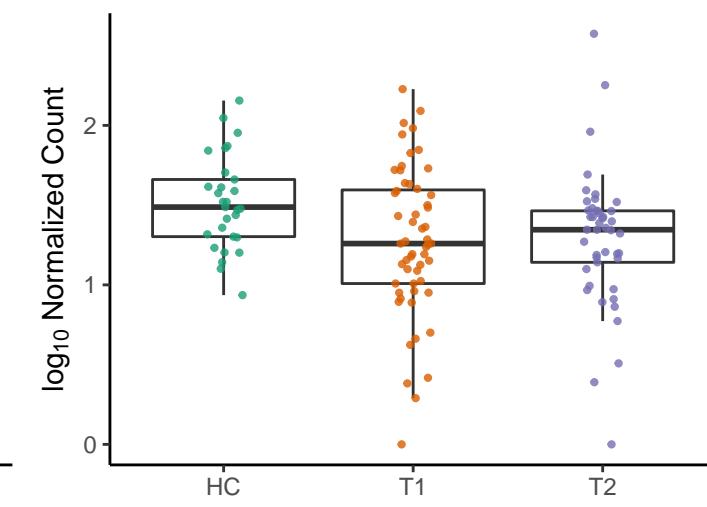
### *Pseudanabaena*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.054  
 T1 vs. T2 adjusted p = 0.81



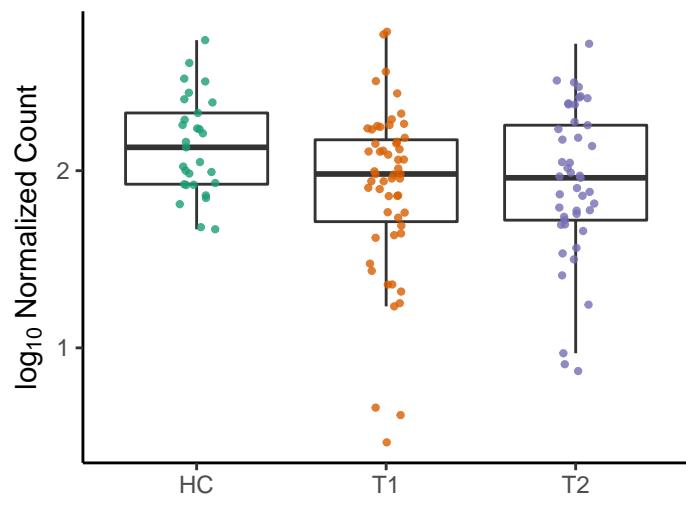
### *Candidatus Aquiluna*

non-ED vs. T1 adjusted p = 0.013  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.86



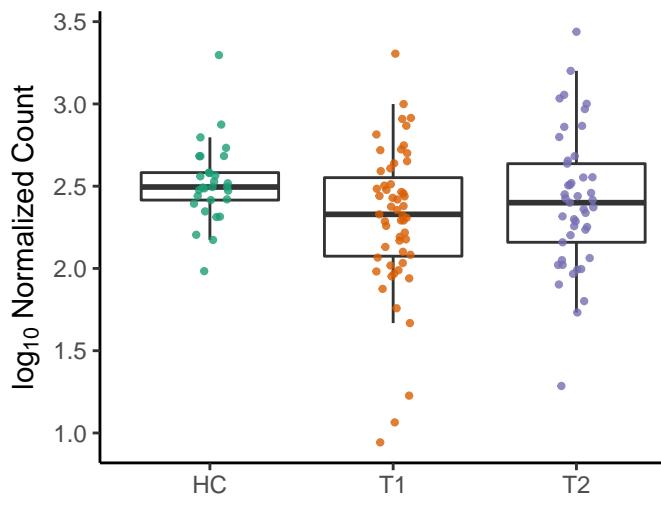
### Candidatus Accumulibacter

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.79



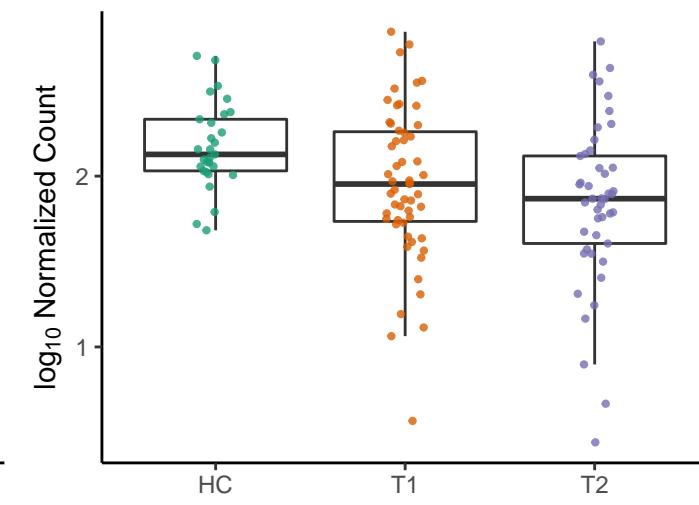
### Hyphomicrobium

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



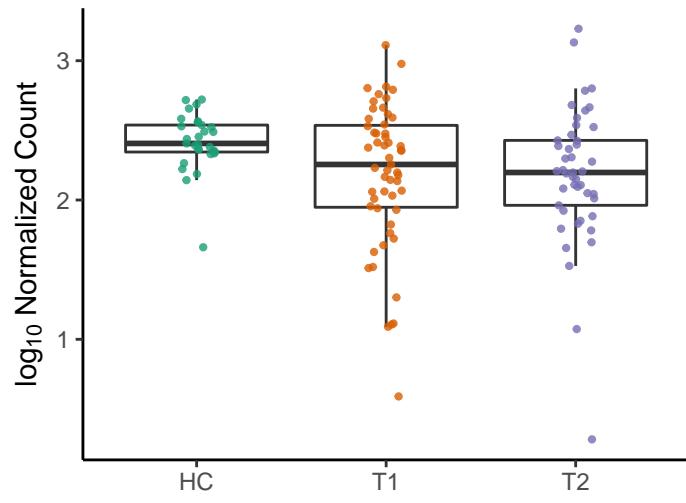
### Gibbsiella

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.005  
T1 vs. T2 adjusted p = 0.85



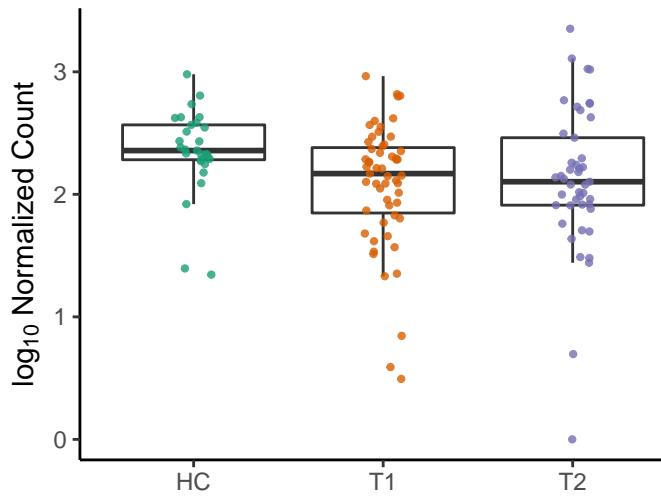
### Thiodictyon

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 1



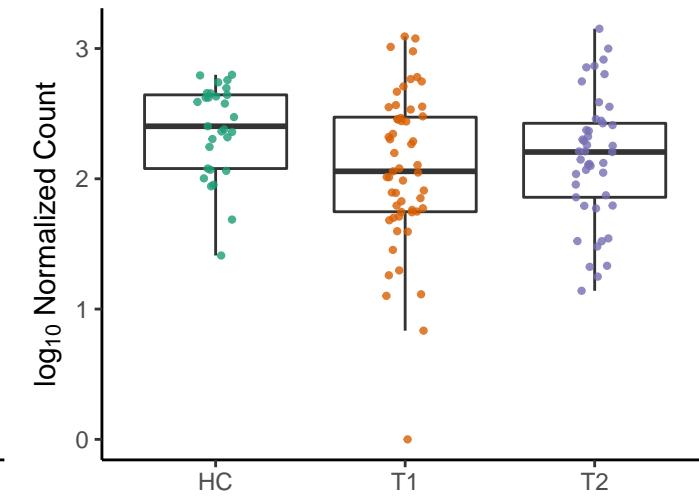
### Vogesella

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.83



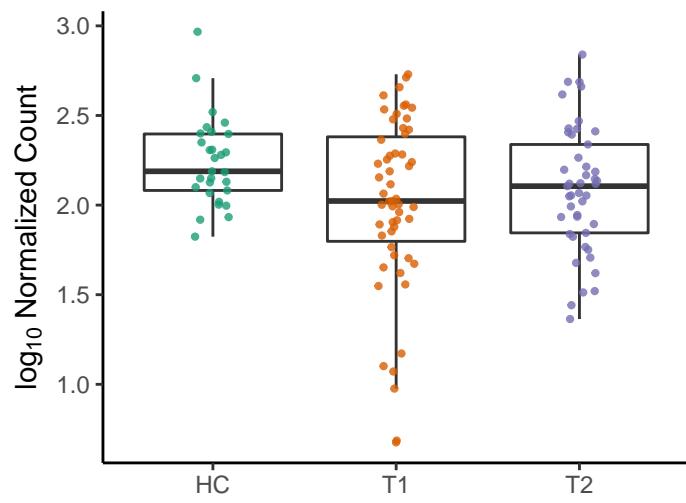
### Xylanimonas

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.79



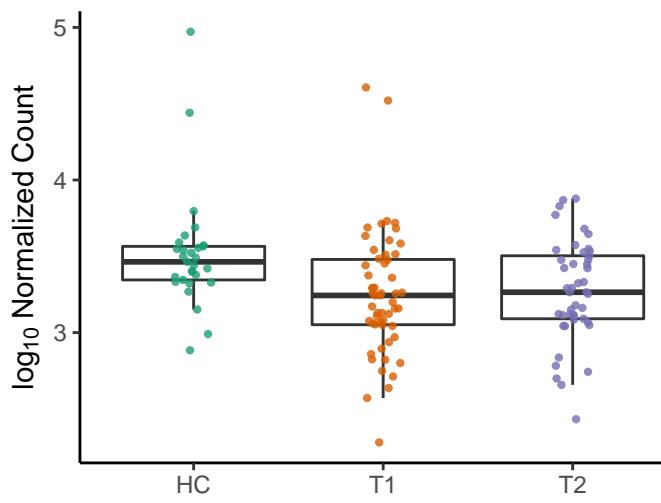
### Labrys

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.055  
T1 vs. T2 adjusted p = 0.79



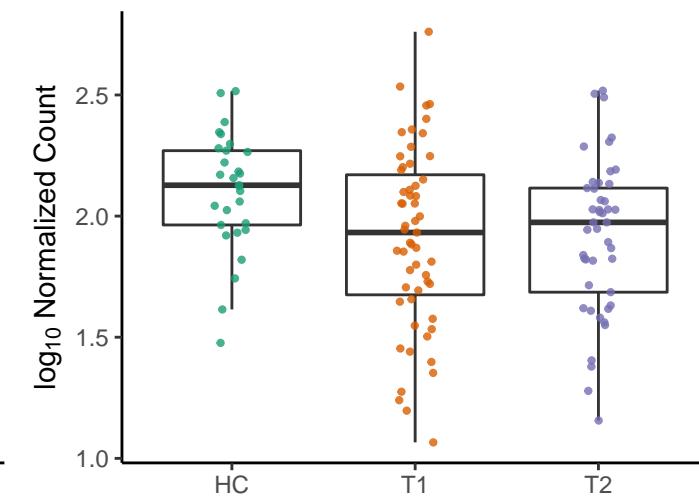
### Megasphaera

non-ED vs. T1 adjusted p = 0.013  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



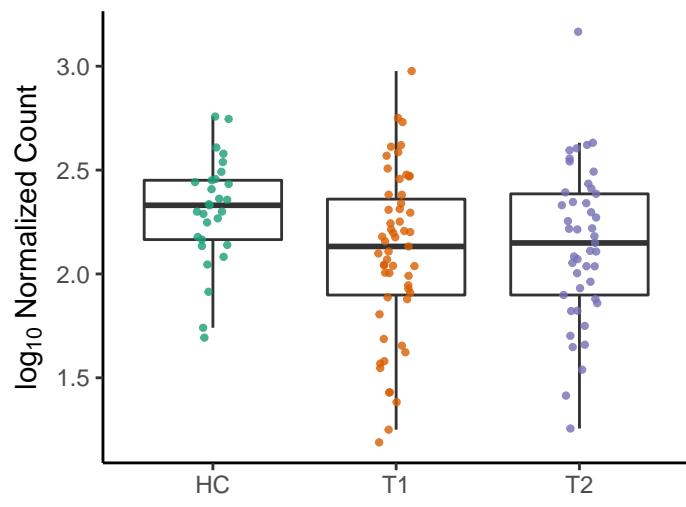
### Pseudothermotoga

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.96



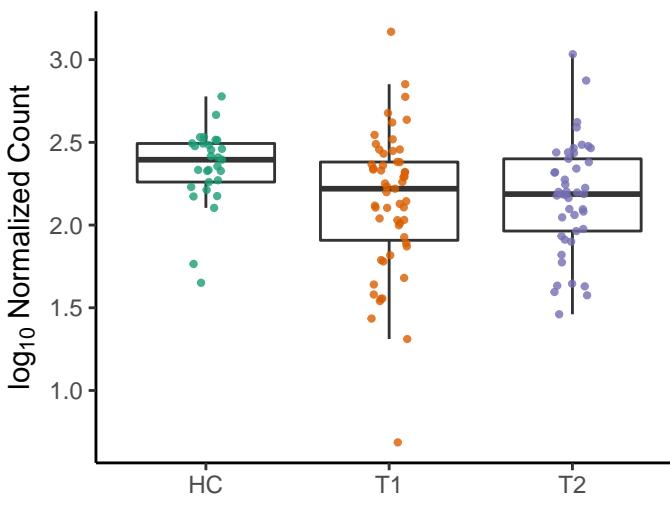
### Nitrosospira

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.79



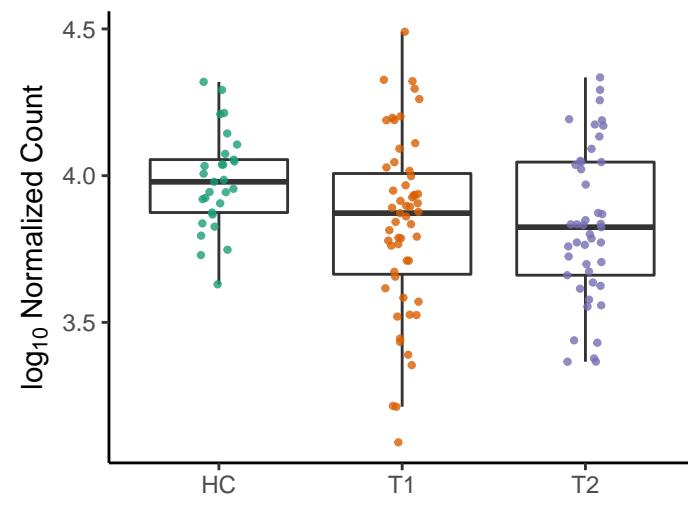
### Thermothelomyces

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



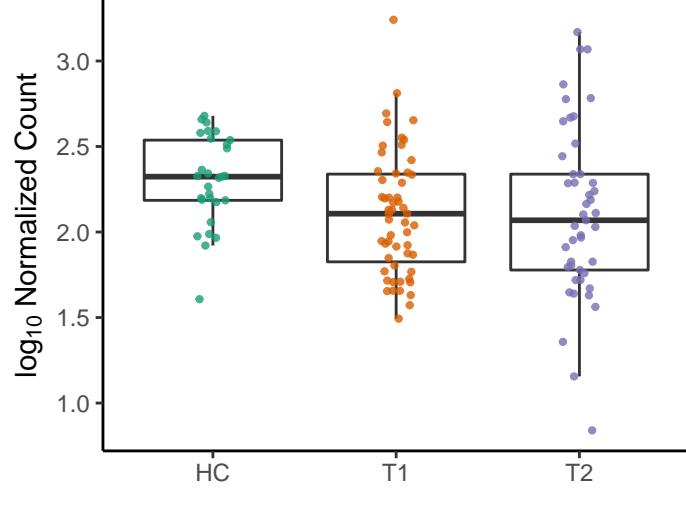
### Unclassified Gammaproteobacteria Cl

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



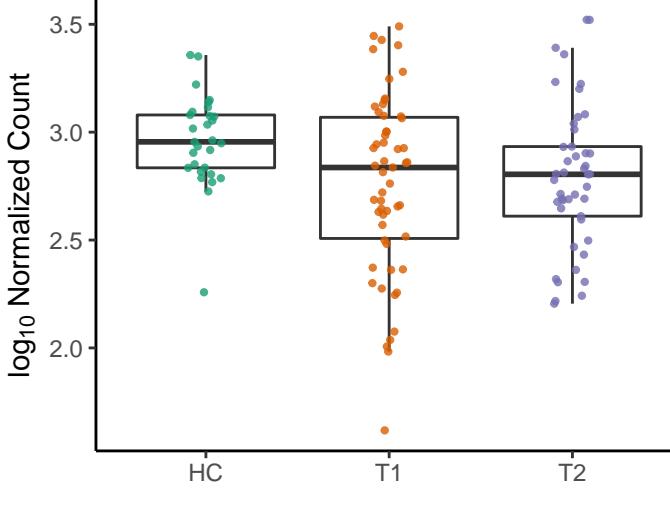
### Salinicoccus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.97



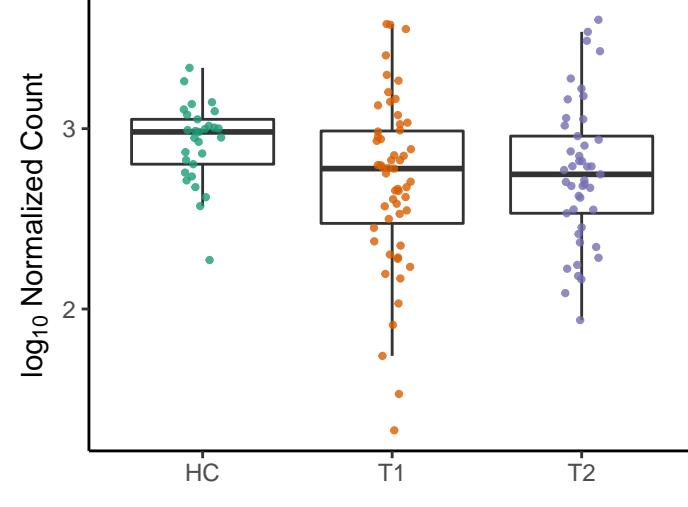
### Sphingopyxis

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.81



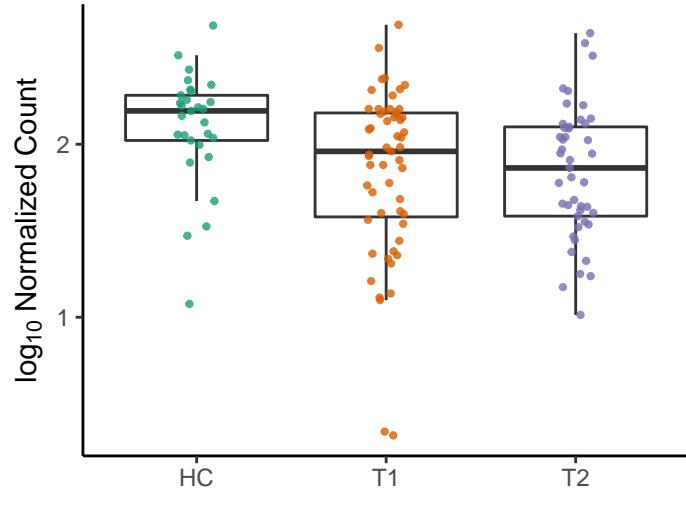
### Rubrobacter

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.79



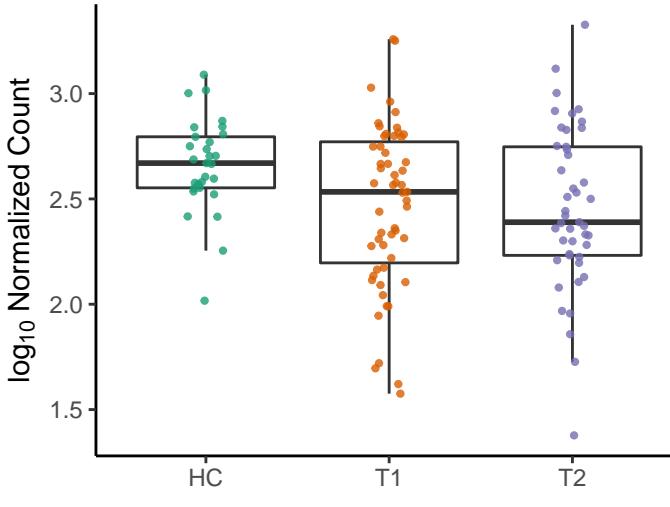
### Pontibacillus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.93



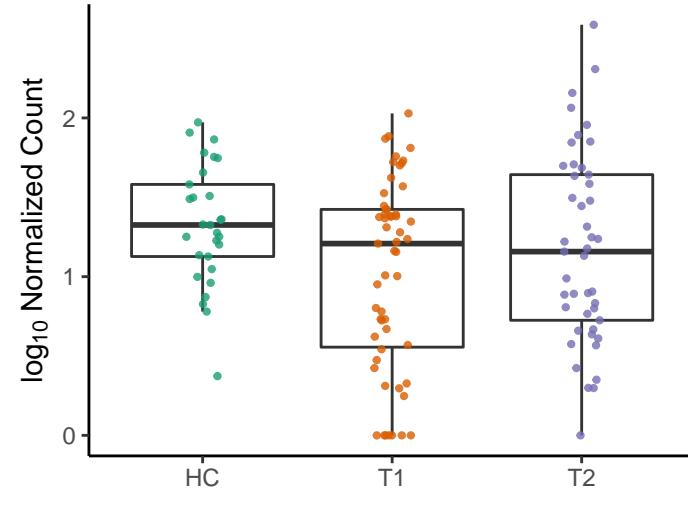
### Neorhizobium

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.97



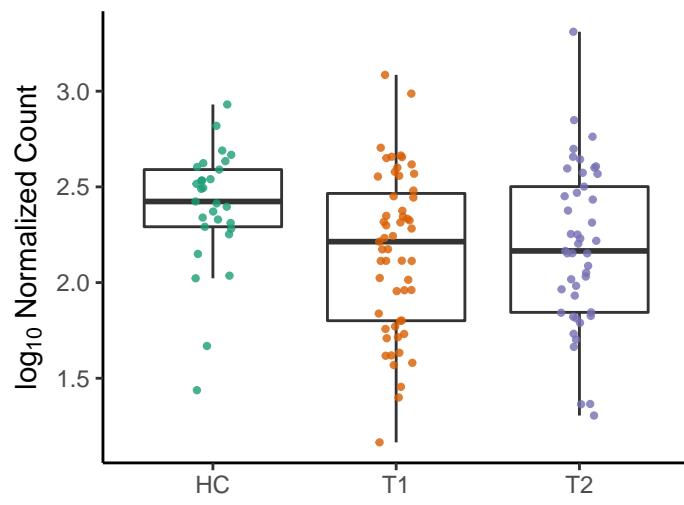
### Unclassified Xanthobacteraceae Family

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.79



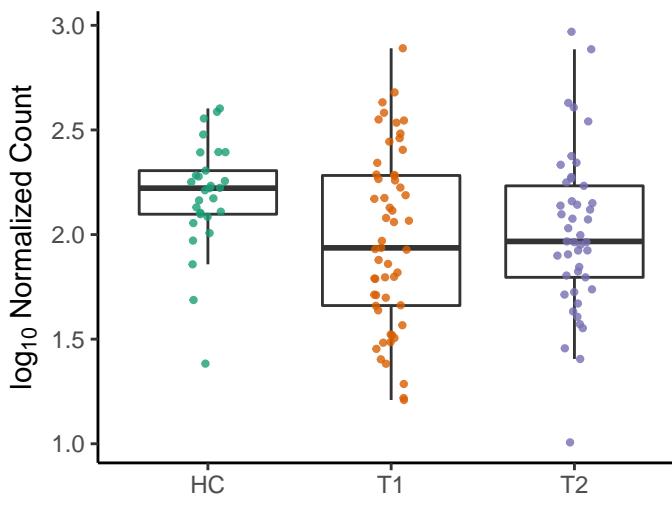
### *Jeotgalibacillus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.85



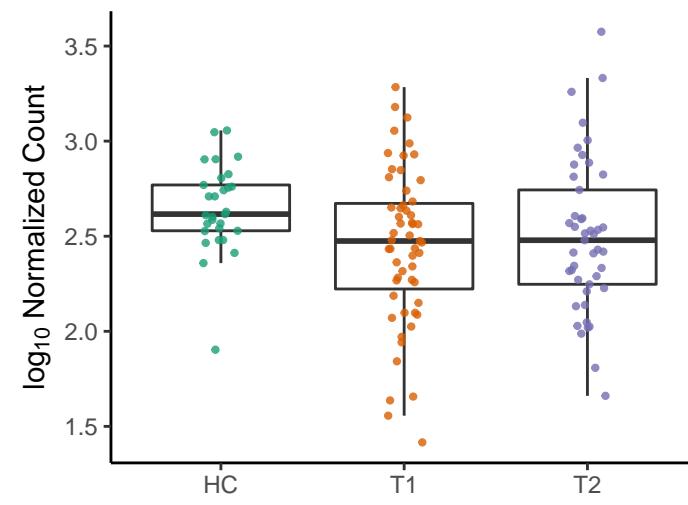
### *Geovibrio*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.041  
 T1 vs. T2 adjusted p = 0.8



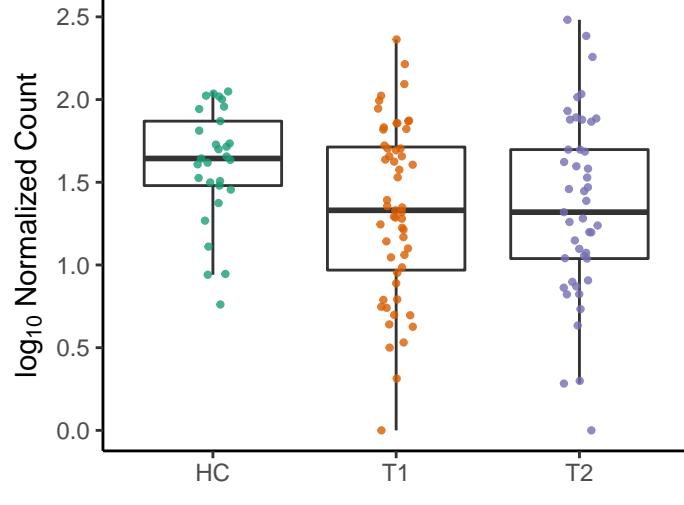
### *Chlorobaculum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.074  
 T1 vs. T2 adjusted p = 0.79



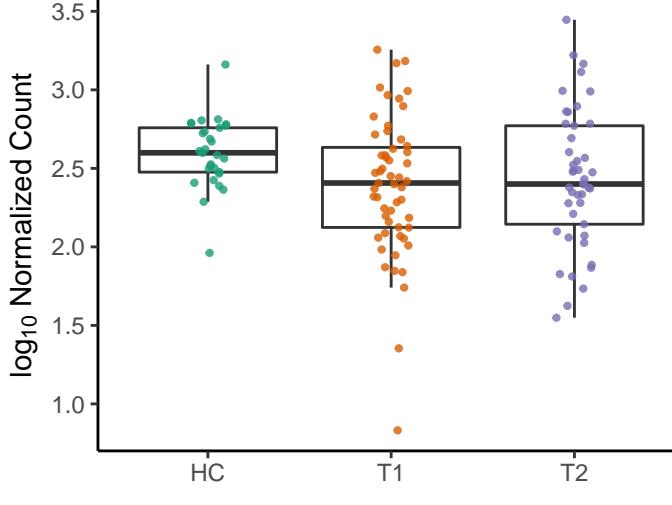
### *Halapricum*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.91



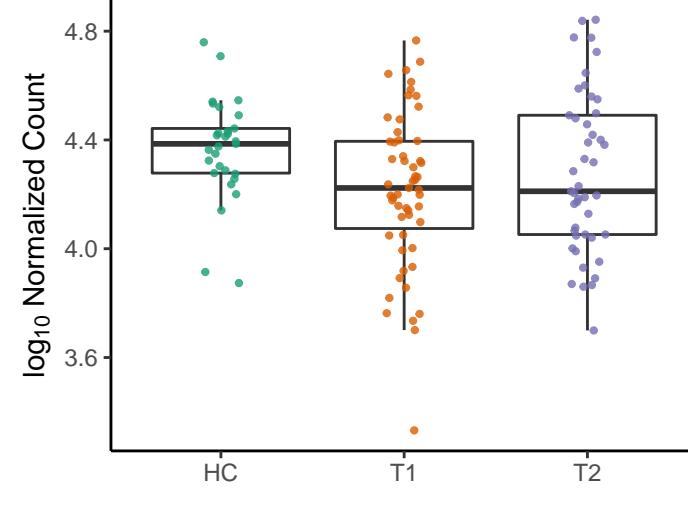
### *Microvirga*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.067  
 T1 vs. T2 adjusted p = 0.8



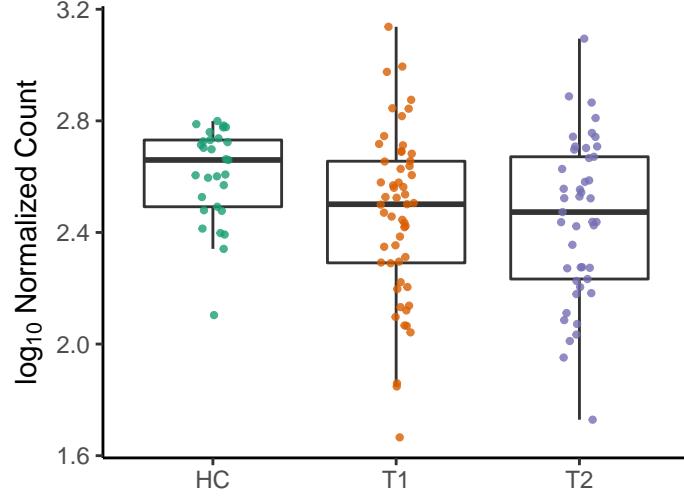
### *Paenibacillus*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.15  
 T1 vs. T2 adjusted p = 0.79



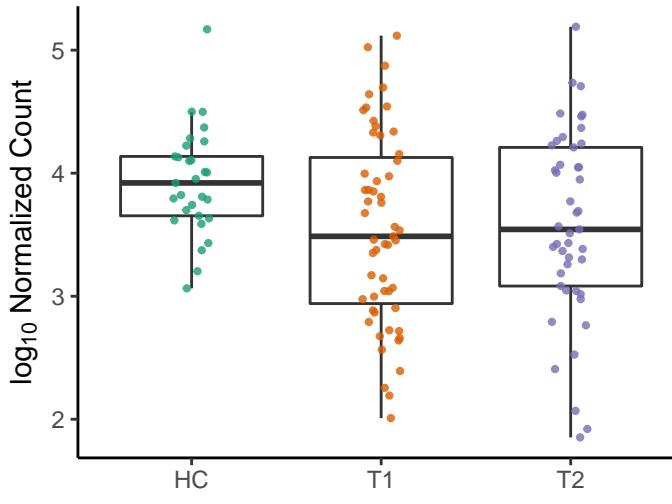
### *Thermotoga*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.99



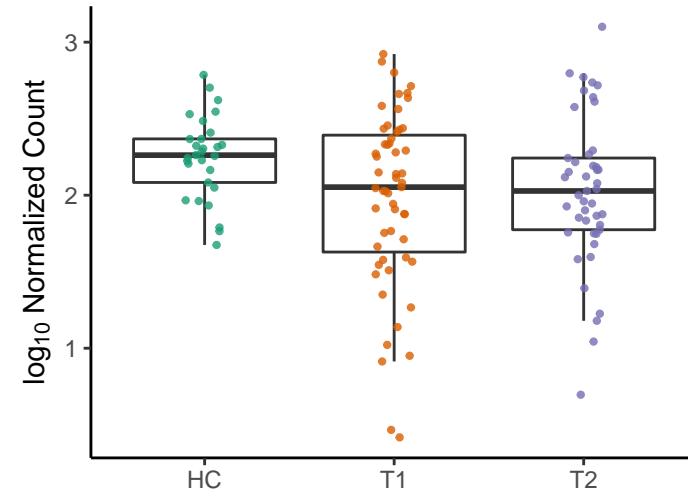
### *Schaalia*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.034  
 T1 vs. T2 adjusted p = 0.8



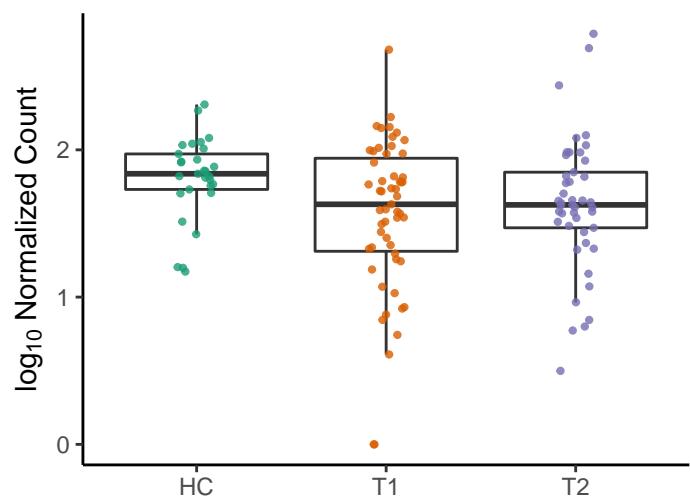
### *Xanthobacter*

non-ED vs. T1 adjusted p = 0.014  
 non-ED vs. T2 adjusted p = 0.036  
 T1 vs. T2 adjusted p = 0.79



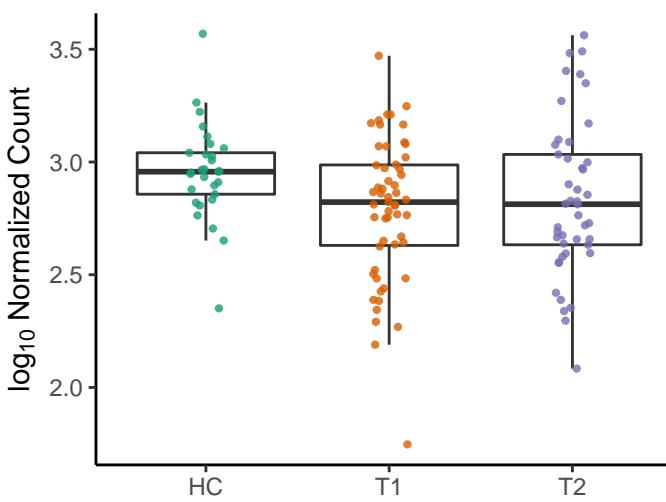
### Dermatophilus

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.068  
T1 vs. T2 adjusted p = 0.79



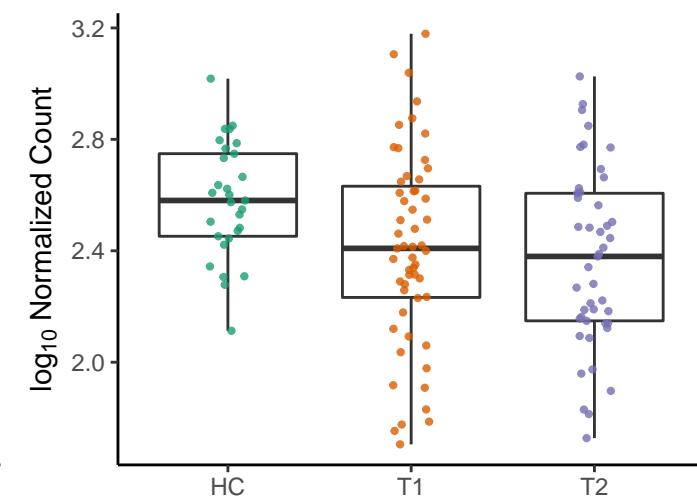
### Unclassified Paenibacillaceae Family

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.79



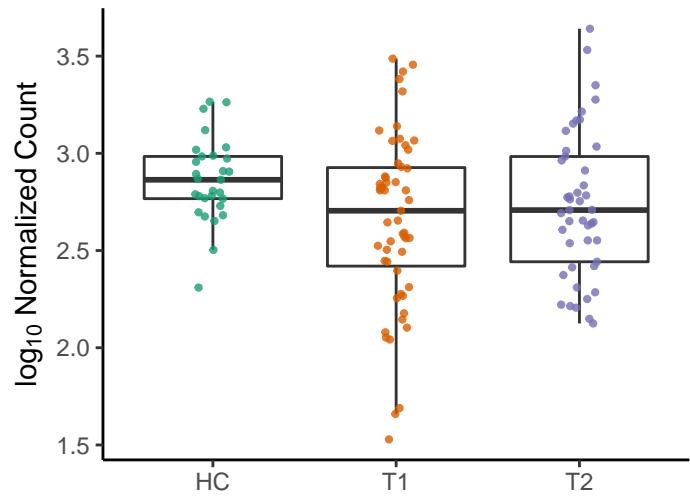
### Flavisolibacter

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.0088  
T1 vs. T2 adjusted p = 0.83



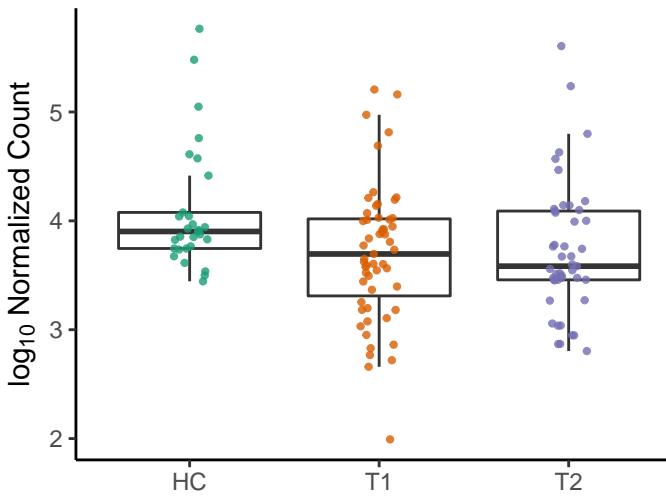
### Nonomuraea

non-ED vs. T1 adjusted p = 0.014  
non-ED vs. T2 adjusted p = 0.094  
T1 vs. T2 adjusted p = 0.79



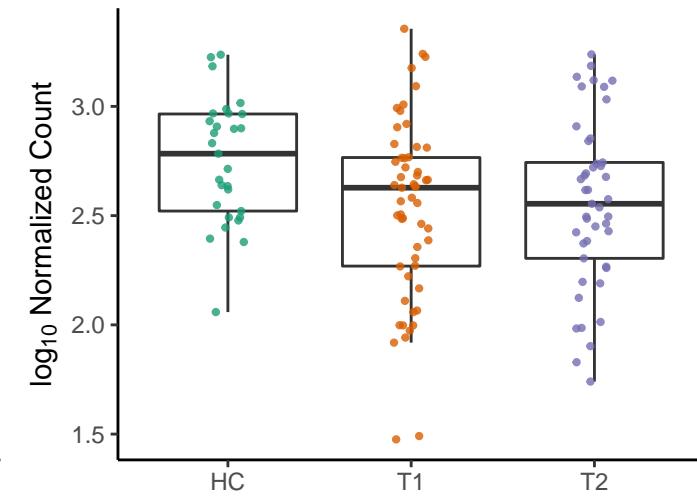
### Desulfovibrio

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.9



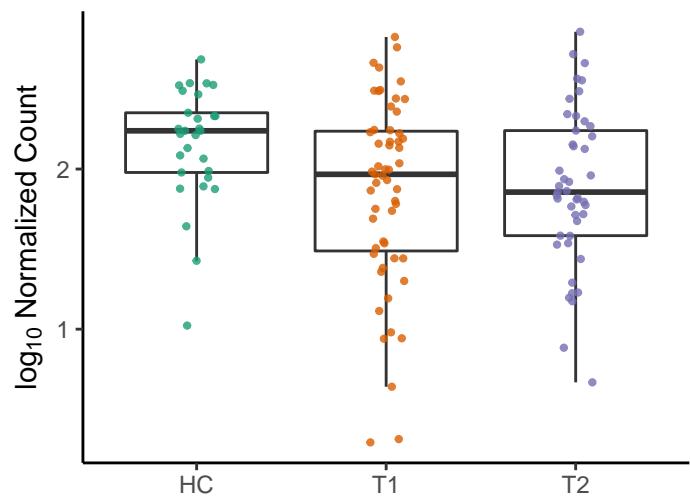
### Agromyces

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.82



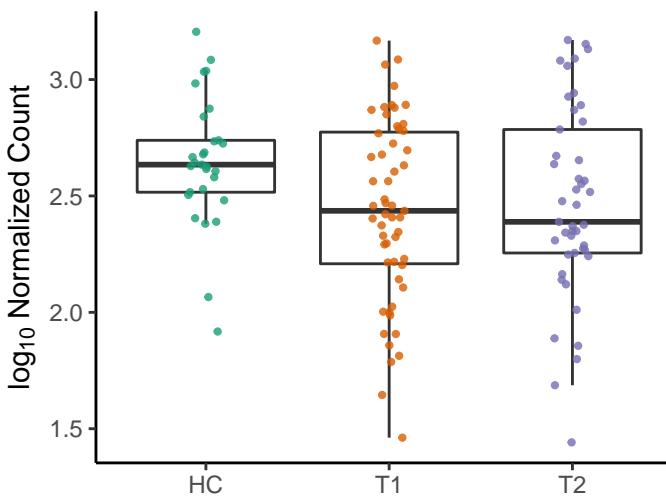
### Breoghania

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.92



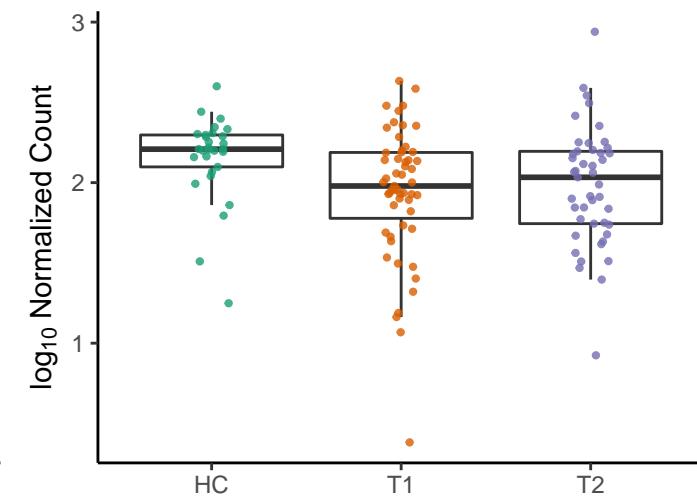
### Celeribacter

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.81



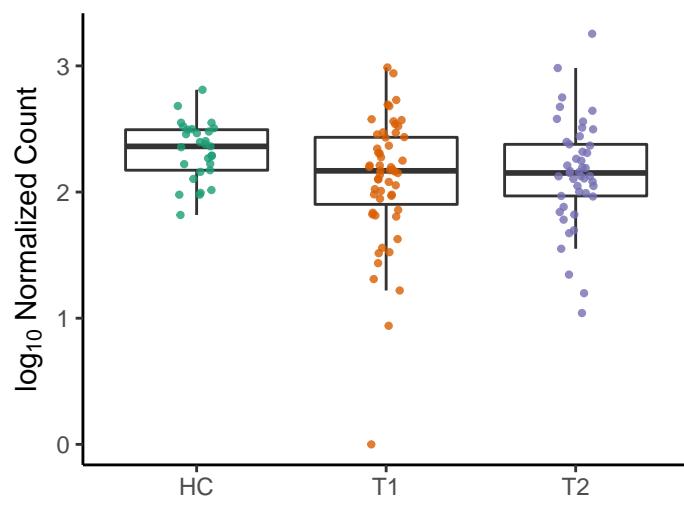
### Endozoicomonas

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



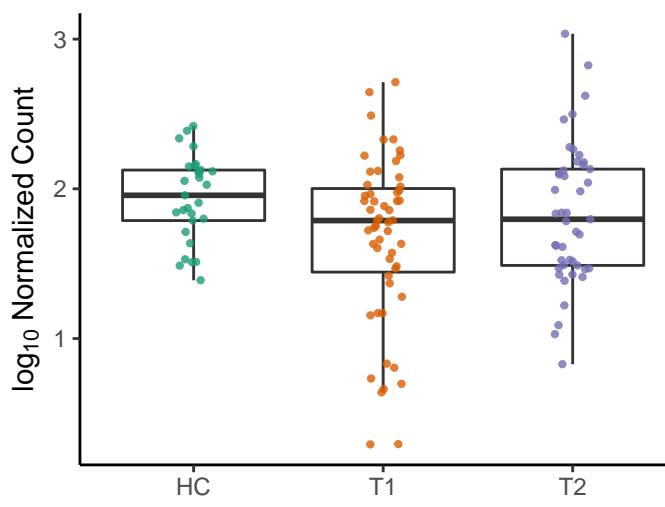
### Skermanella

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.79



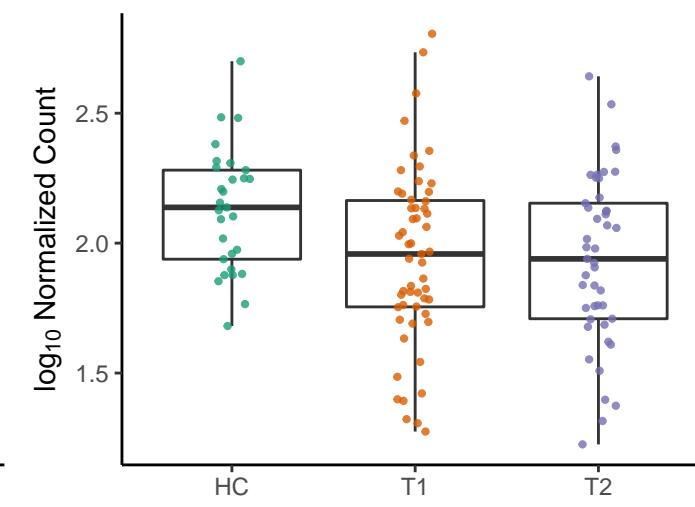
### Halomicromium

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.79



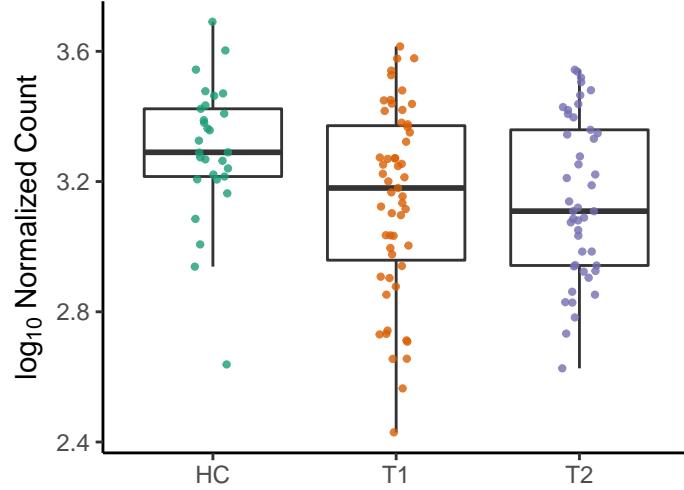
### Rhodoluna

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.97



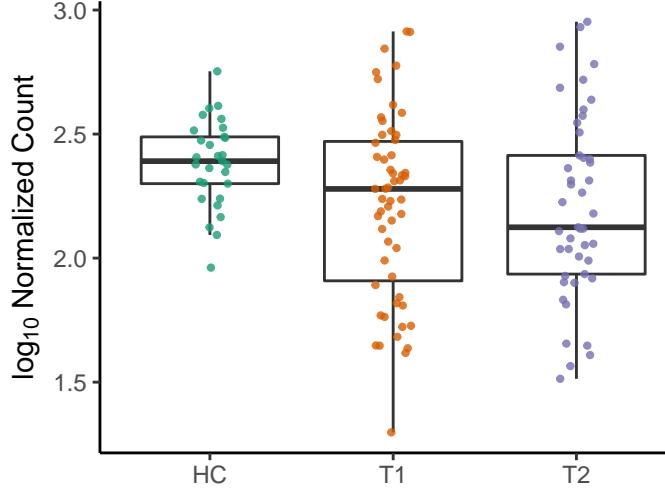
### Shewanella

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



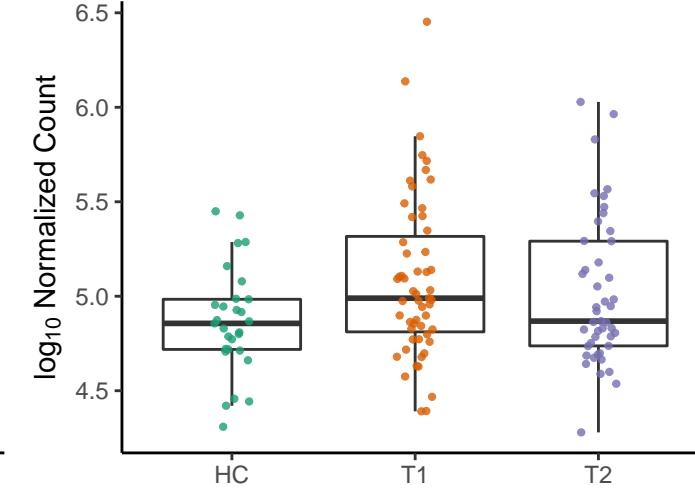
### Ferrimonas

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.99



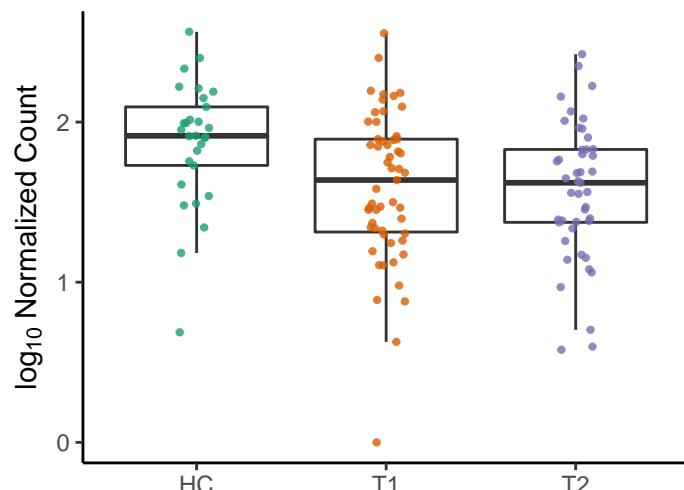
### Lachnoclostridium

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.79



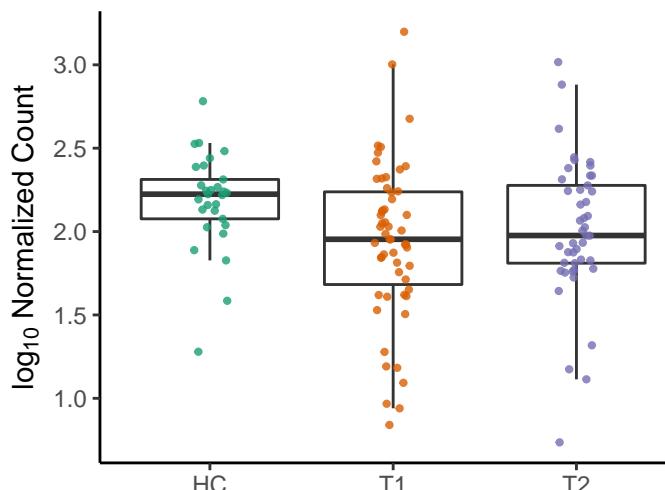
### Calditerrivibrio

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.99



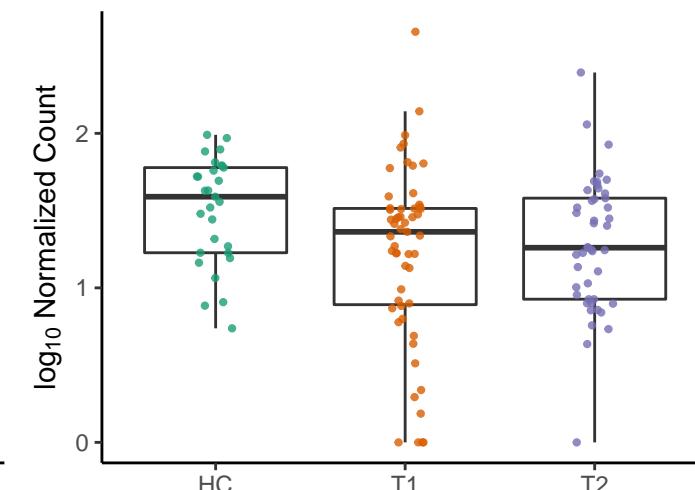
### Denitrovibrio

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.066  
T1 vs. T2 adjusted p = 0.8



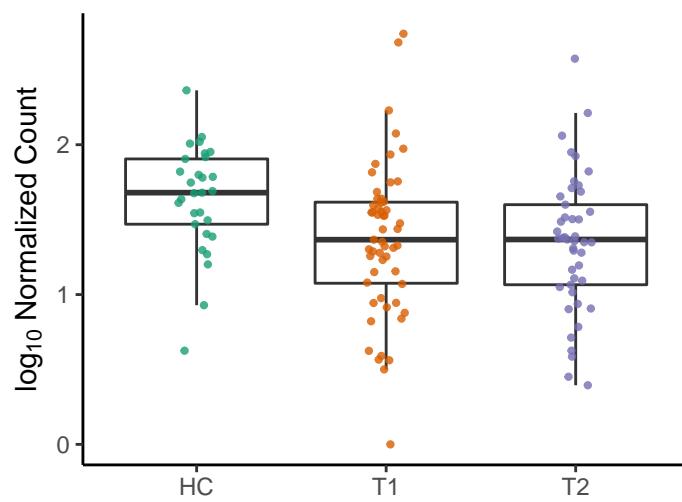
### Litoricola

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.81



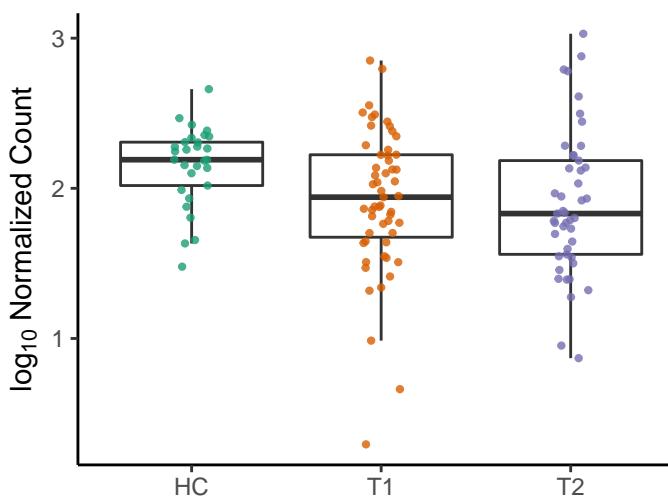
### Nitratiruptor

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.99



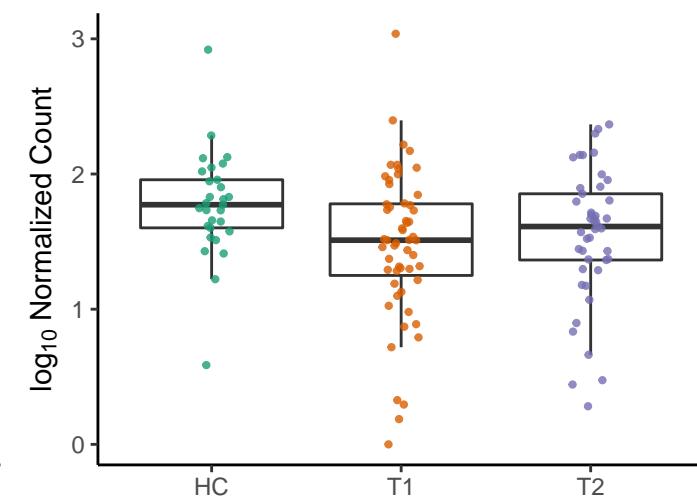
### Chloracidobacterium

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.97



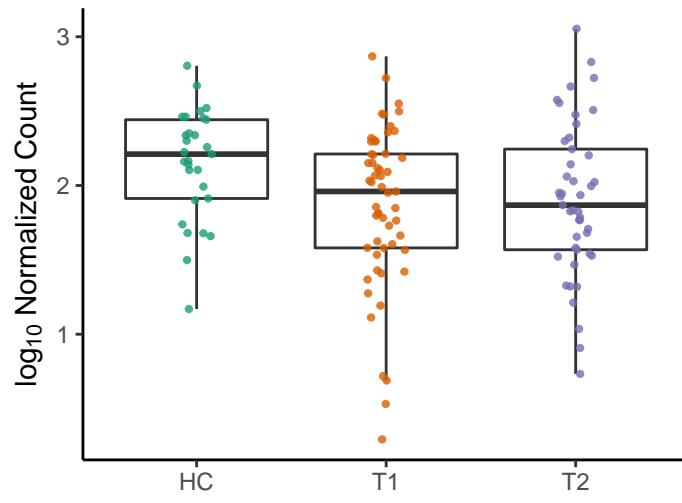
### Unclassified Chromatiales Order

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.79



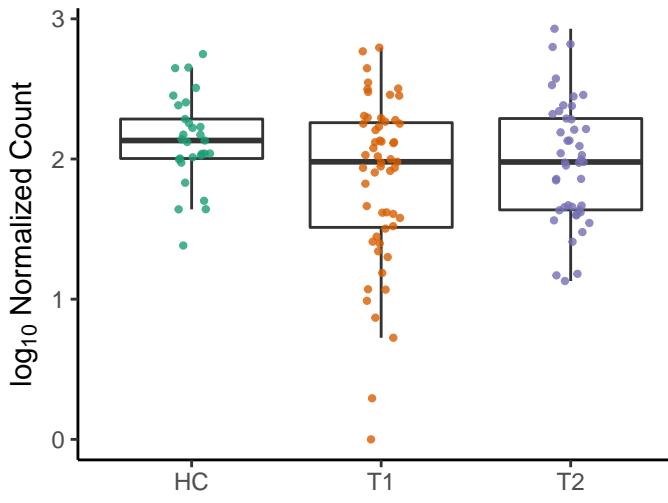
### Actinopolyspora

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.86



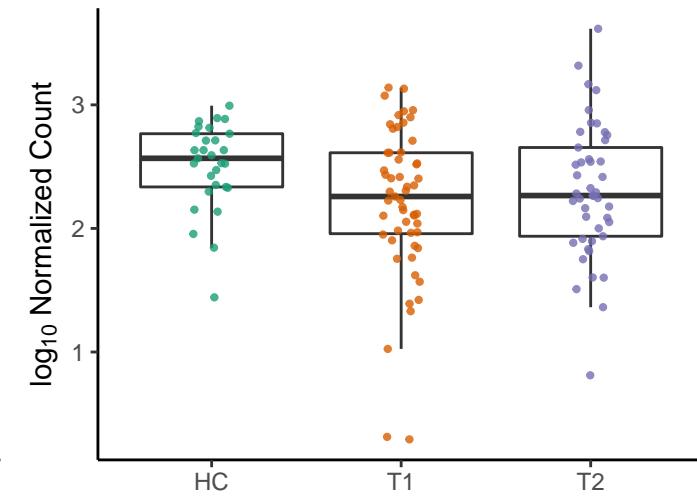
### Blastomonas

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



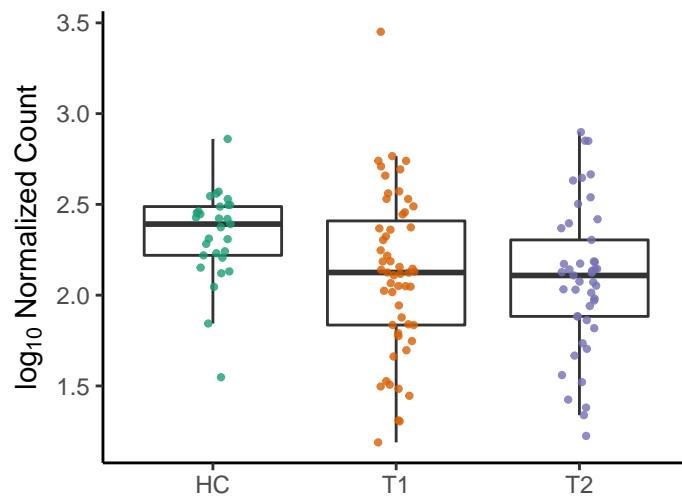
### Baedkuia

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.089  
T1 vs. T2 adjusted p = 0.79



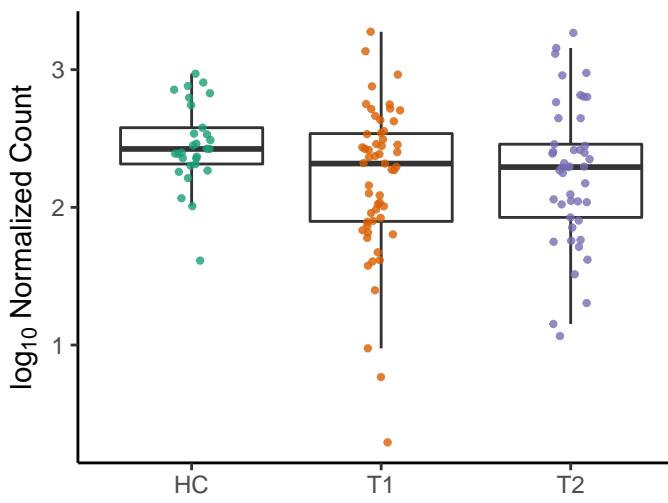
### Eikenella

non-ED vs. T1 adjusted p = 0.015  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.92



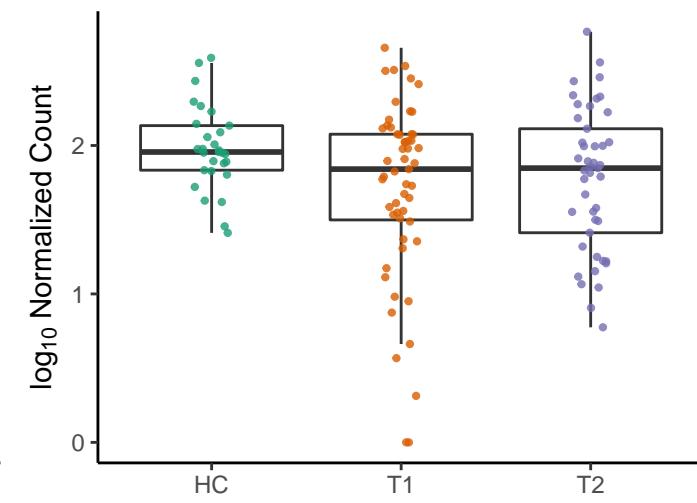
### Friedmanniella

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.79



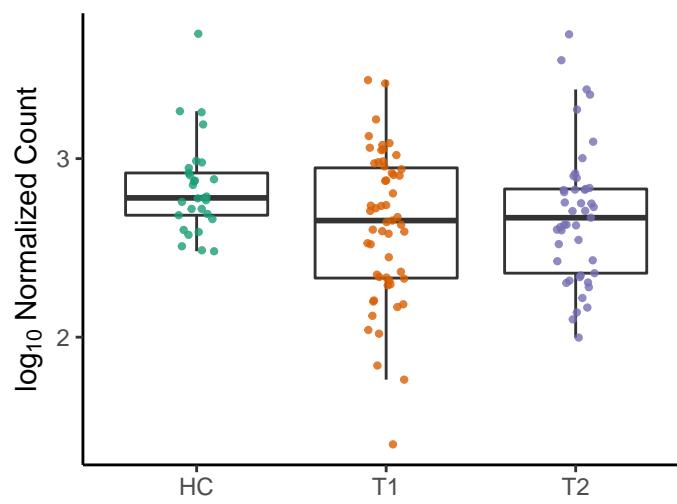
### Citricoccus

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



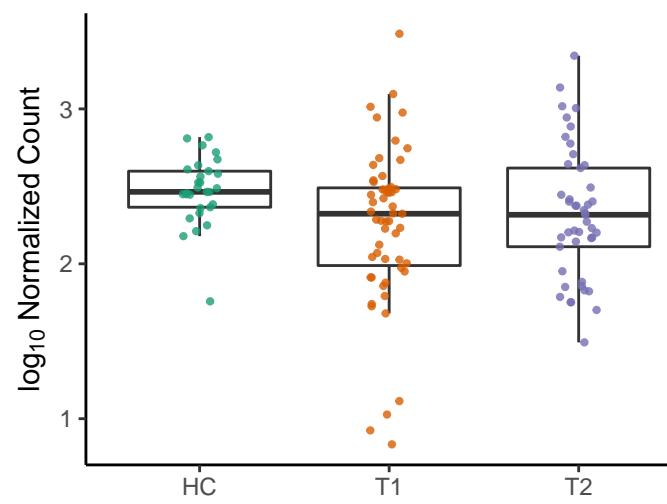
### Dehalococcoides

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.79



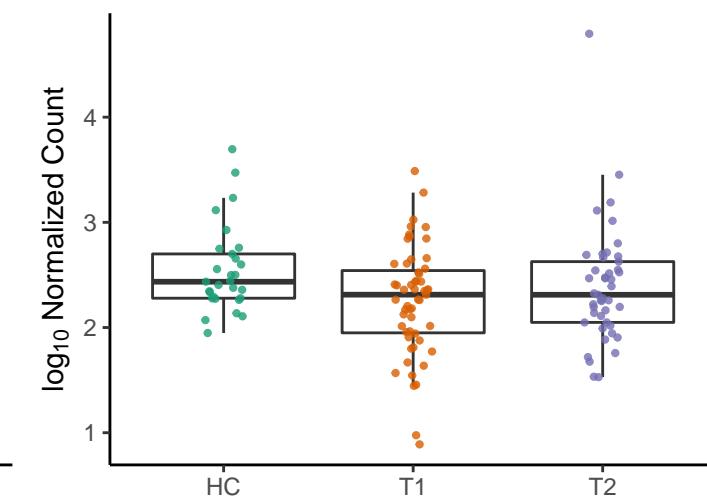
### Nitrospirillum

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.79



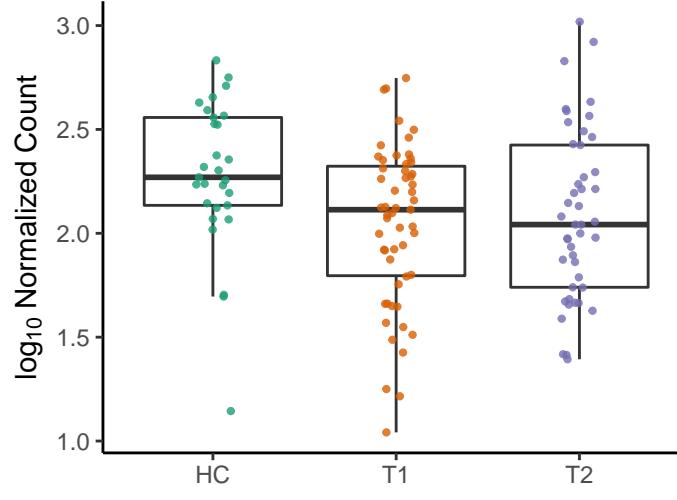
### Pseudopropionibacterium

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.79



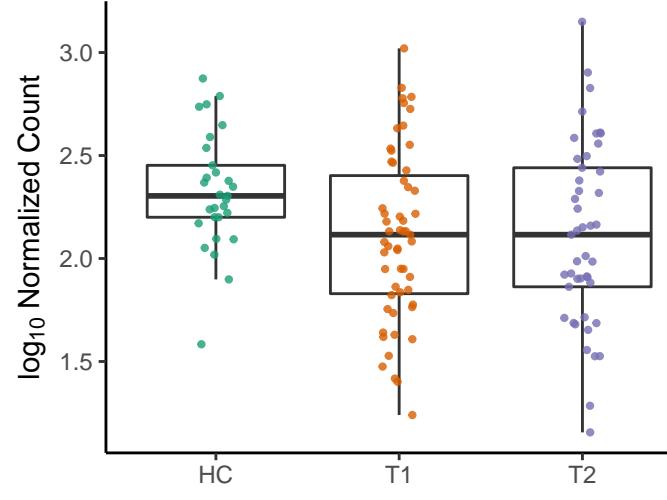
### Pochonia

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.9



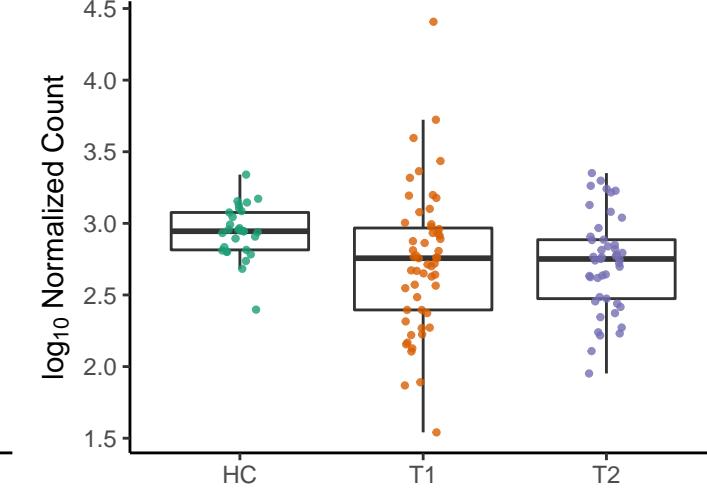
### Chloroflexus

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.97



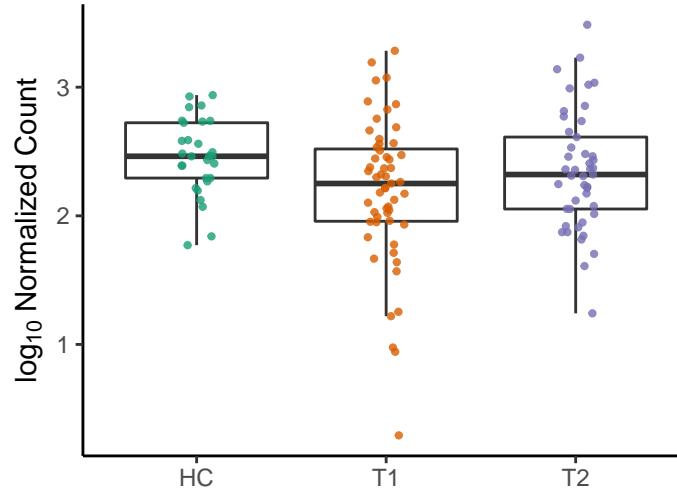
### Comamonas

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.0072  
T1 vs. T2 adjusted p = 0.94



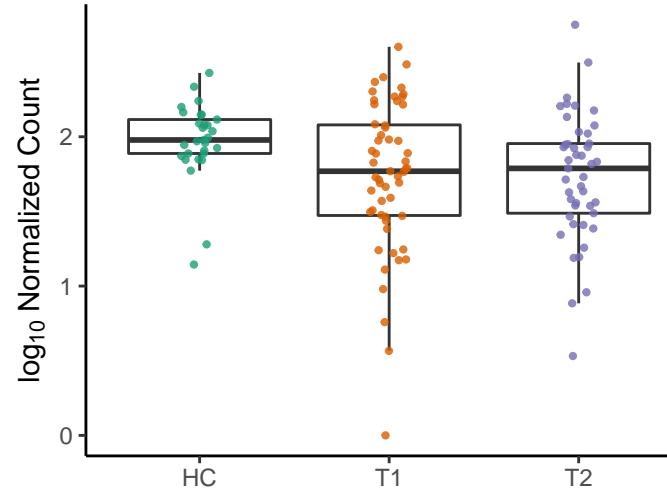
### Janibacter

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.79



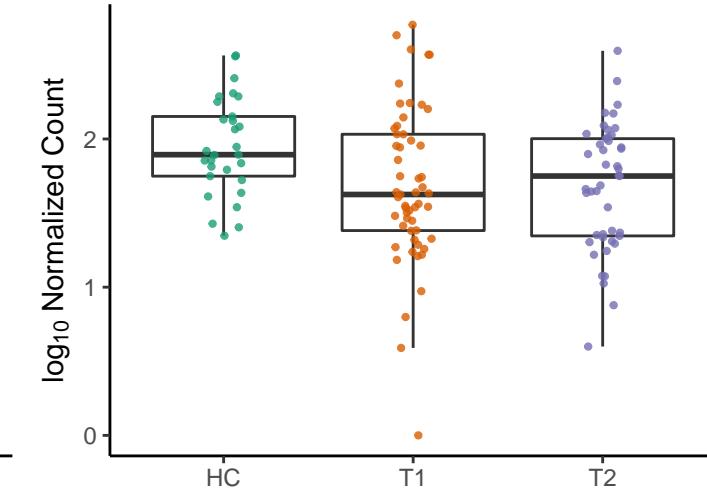
### Methanococcoides

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.96



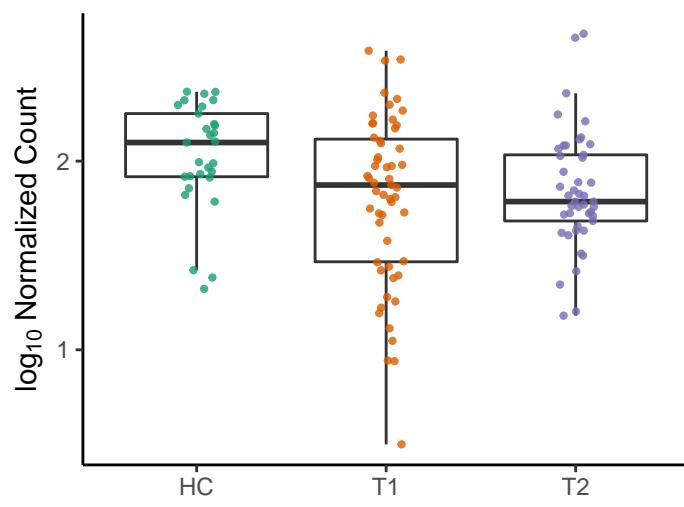
### Pyrobaculum

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 1



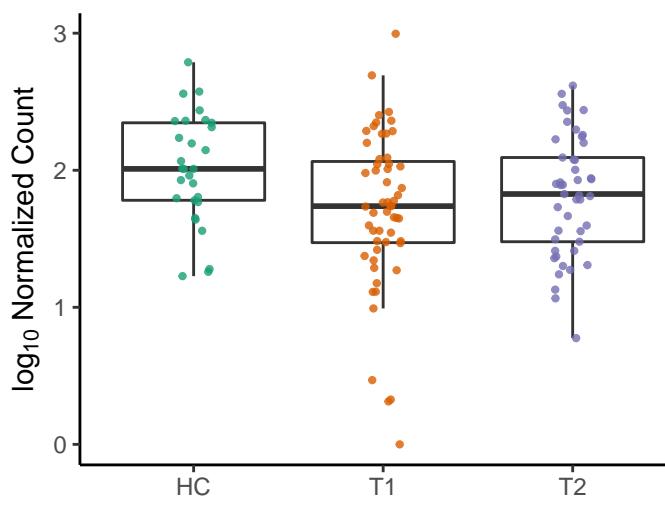
### Caballeronia

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.92



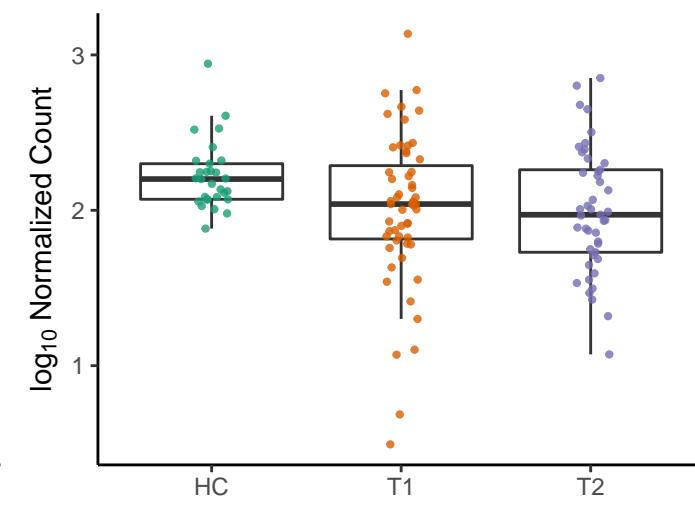
### Pulveribacter

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.79



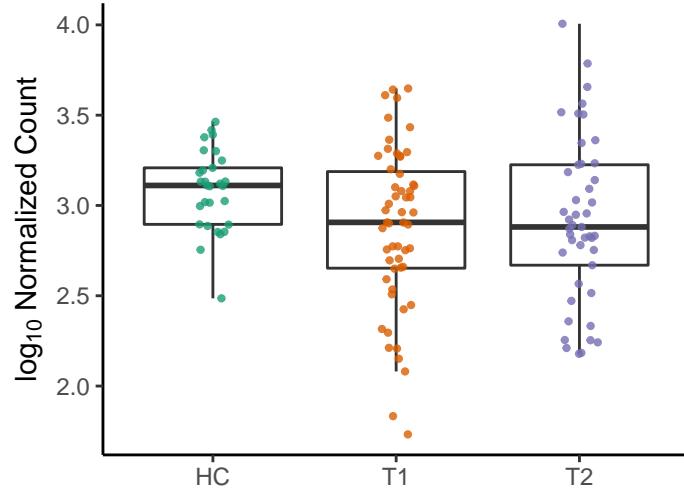
### Micavibrio

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.8



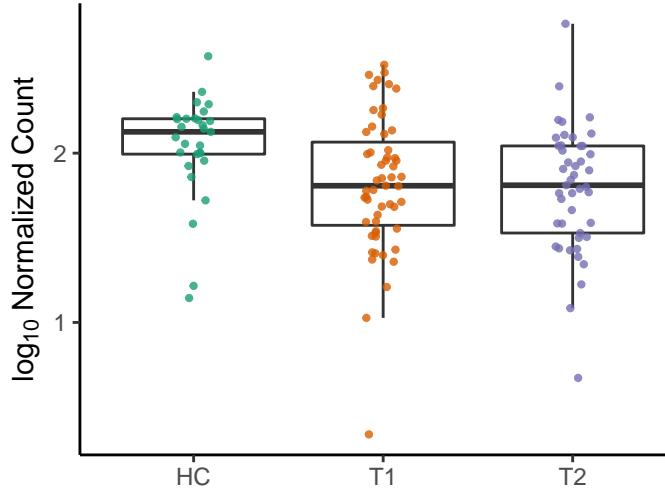
### Sorangium

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.8



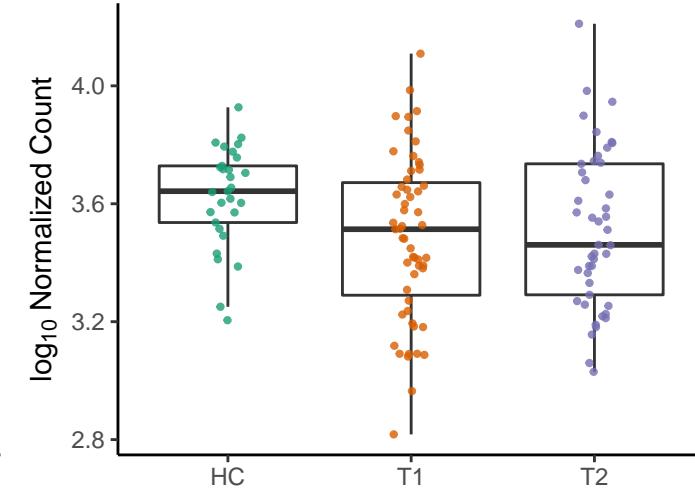
### Natranaerobius

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.83



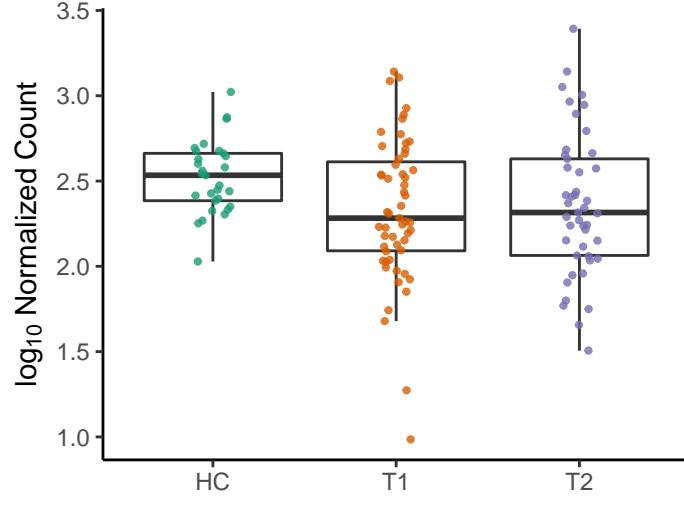
### Vibrio

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.83



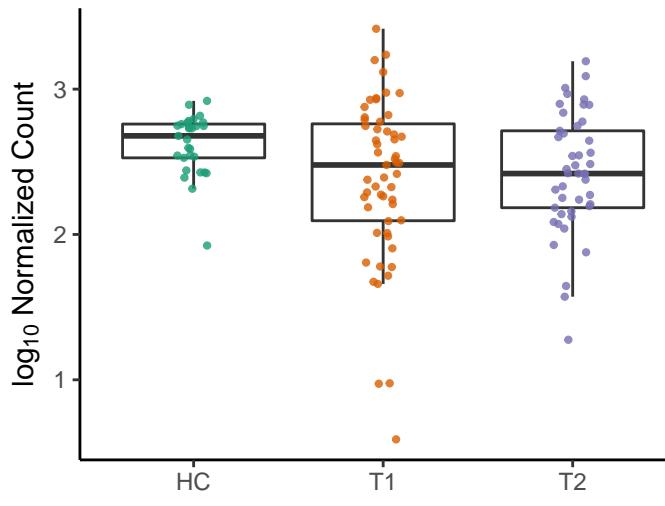
### Azotobacter

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.8



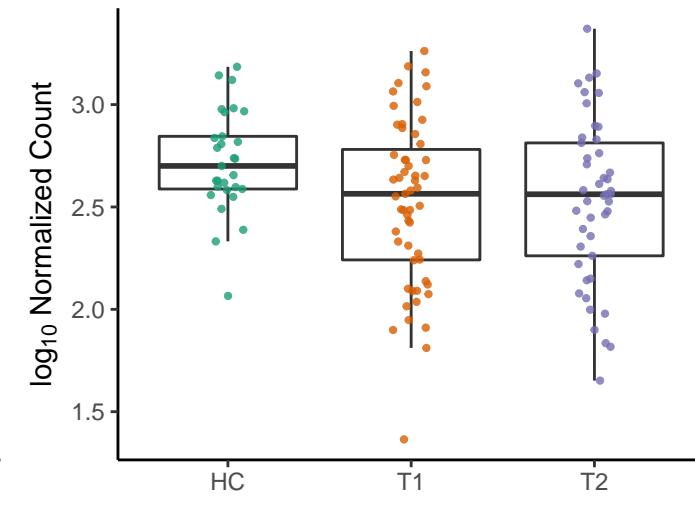
### Delftia

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.025  
T1 vs. T2 adjusted p = 0.83



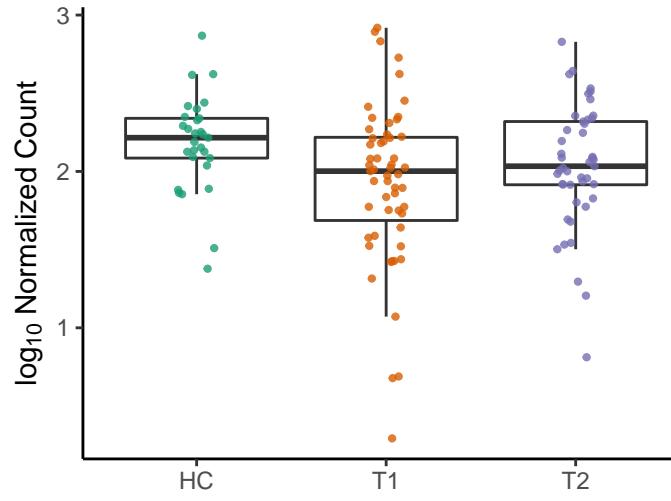
### Desulfuromonas

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.88



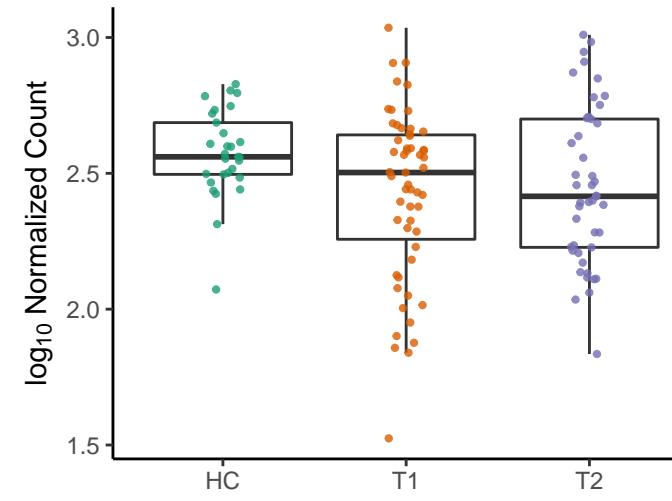
### Geitlerinema

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



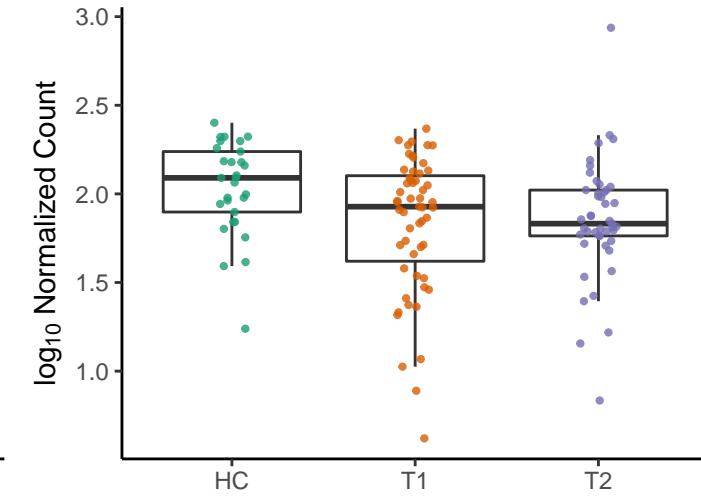
### Leptolyngbya

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.79



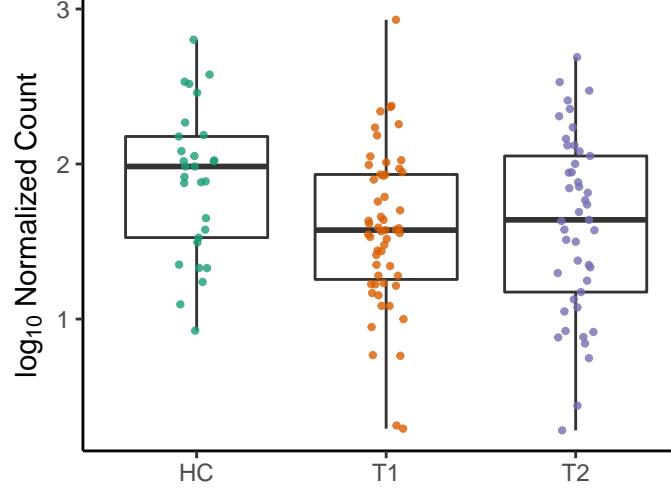
### Marinobacterium

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.91



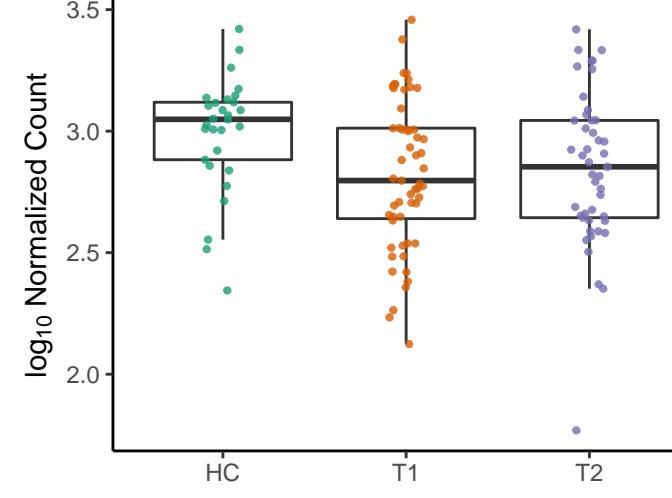
### Salinigranum

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.81



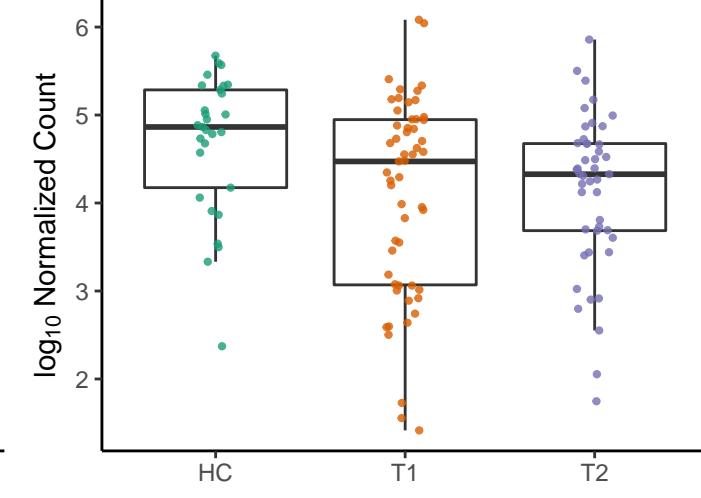
### Sporosarcina

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.89



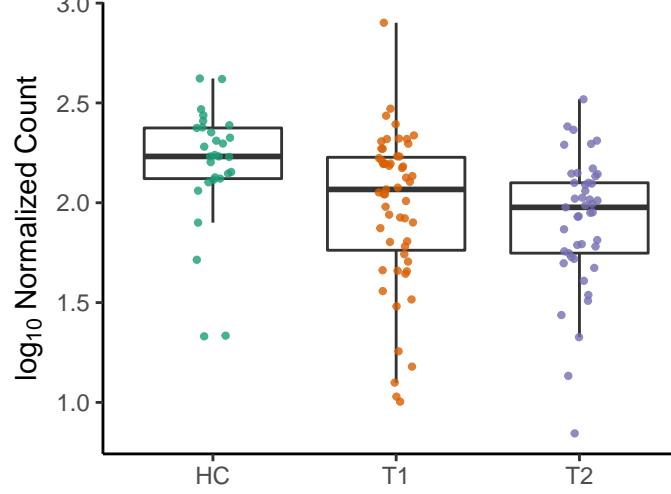
### Adlercreutzia

non-ED vs. T1 adjusted p = 0.016  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.86



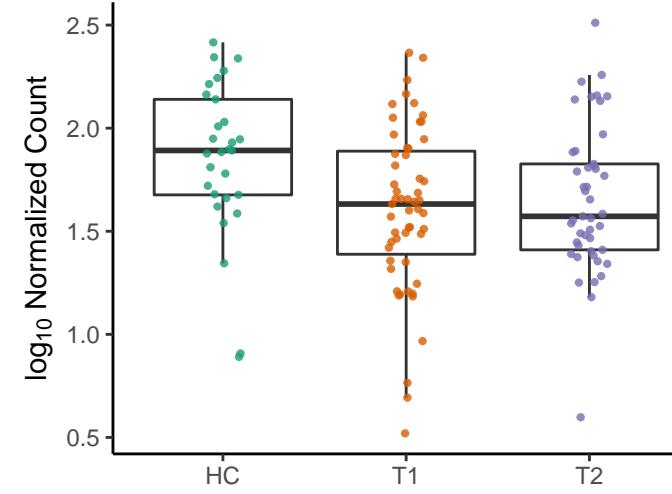
### Kangiella

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.0062  
T1 vs. T2 adjusted p = 0.8



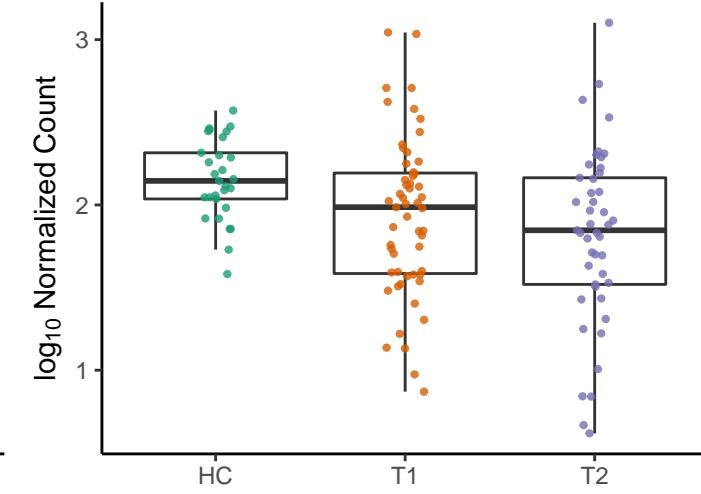
### Parachlamydia

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.88



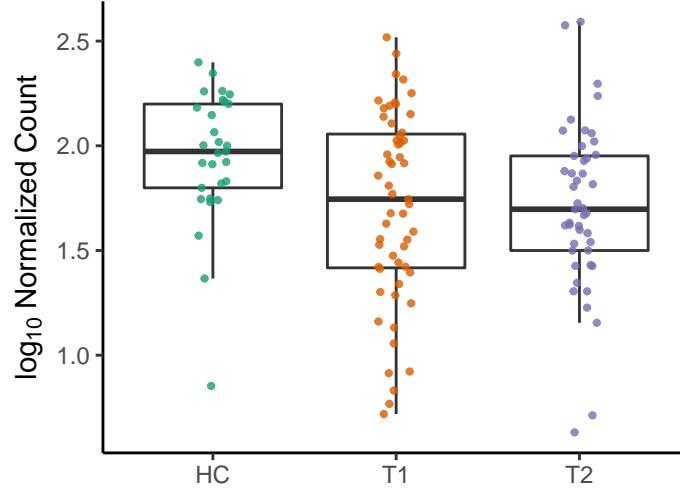
### Unclassified Oxalobacteraceae Family

non-ED vs. T1 adjusted p = 0.017  
non-ED vs. T2 adjusted p = 0.0065  
T1 vs. T2 adjusted p = 0.79



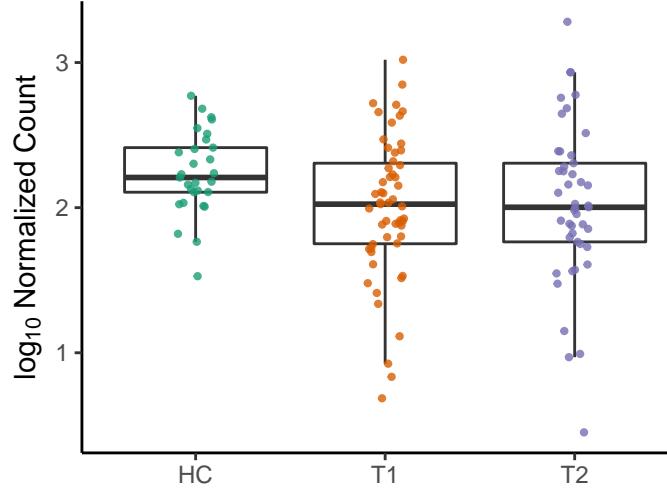
### *Ustilago*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.8



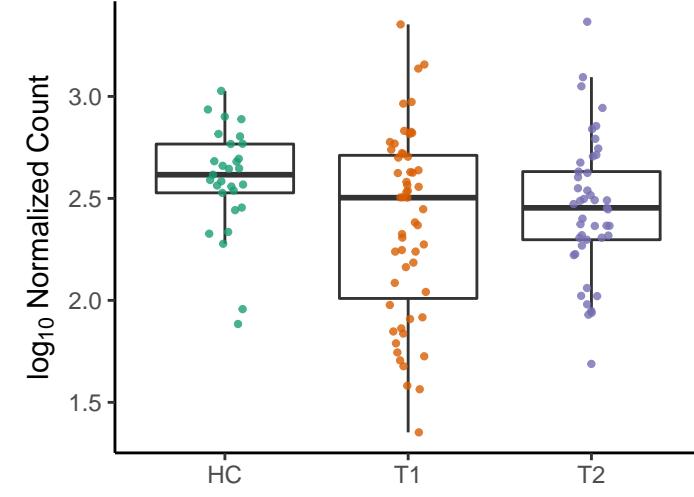
### Unclassified Gemmataceae Family

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.057  
 T1 vs. T2 adjusted p = 0.81



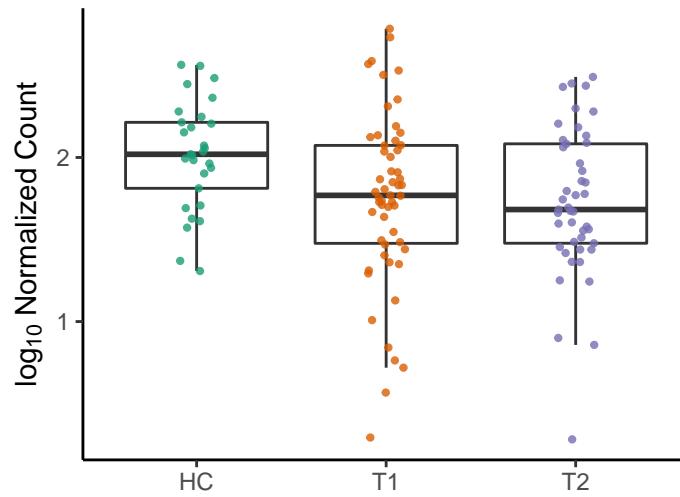
### Cyanobium

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.79



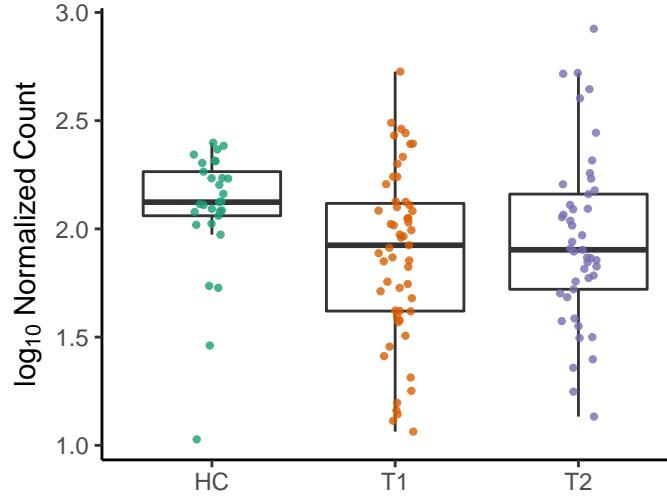
### Lichenhabitans

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.014  
 T1 vs. T2 adjusted p = 0.97



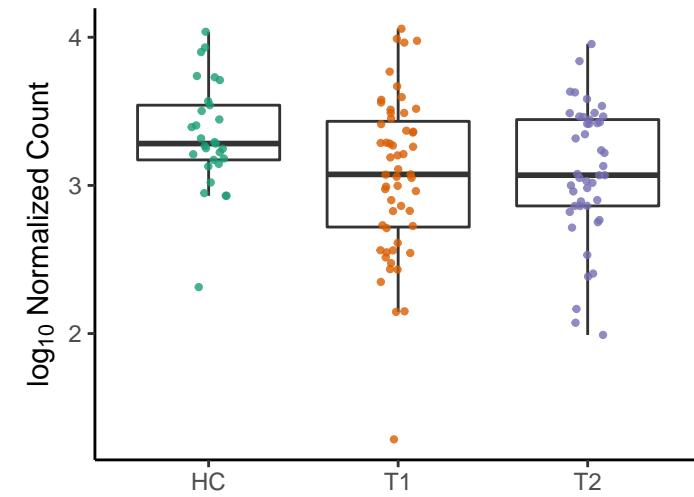
### Carboxydothermus

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.79



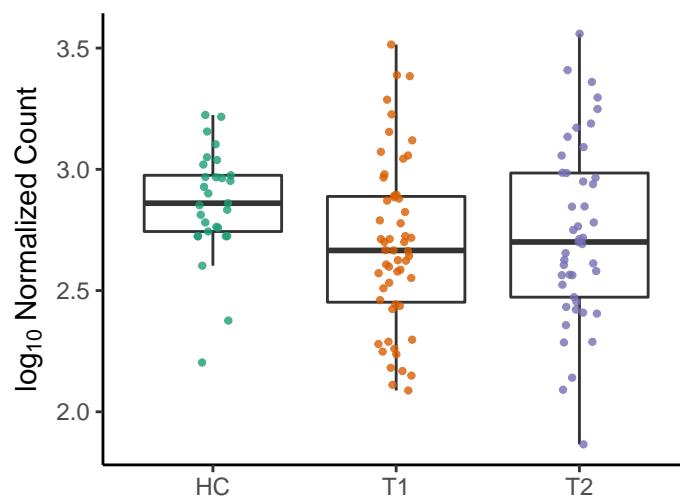
### Slackia

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.03  
 T1 vs. T2 adjusted p = 0.86



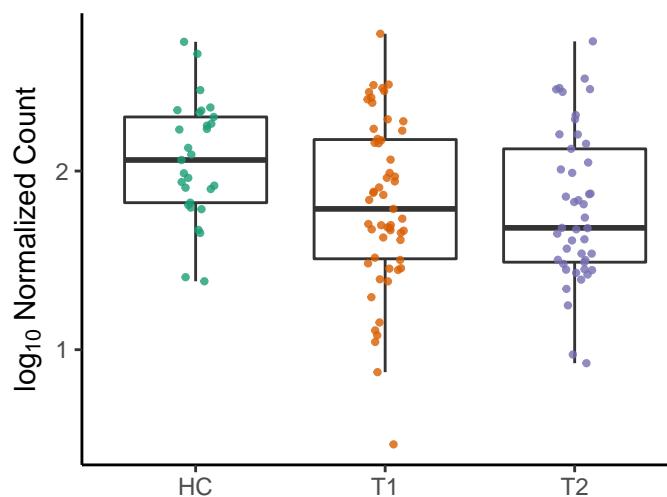
### Thermococcus

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.79



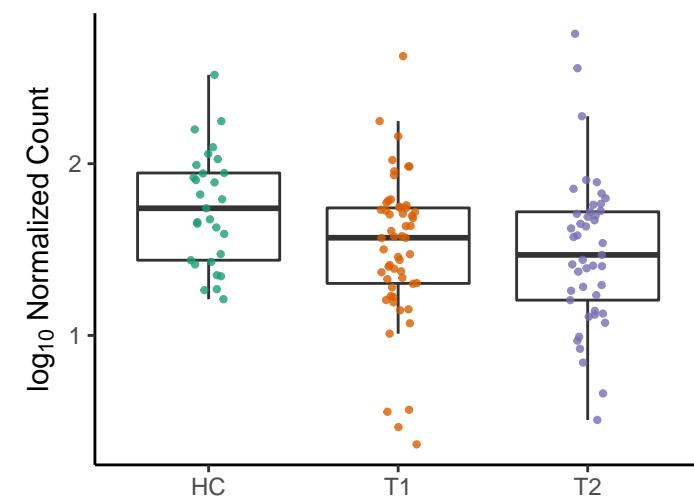
### Candidatus Thioglobus

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.017  
 T1 vs. T2 adjusted p = 0.93



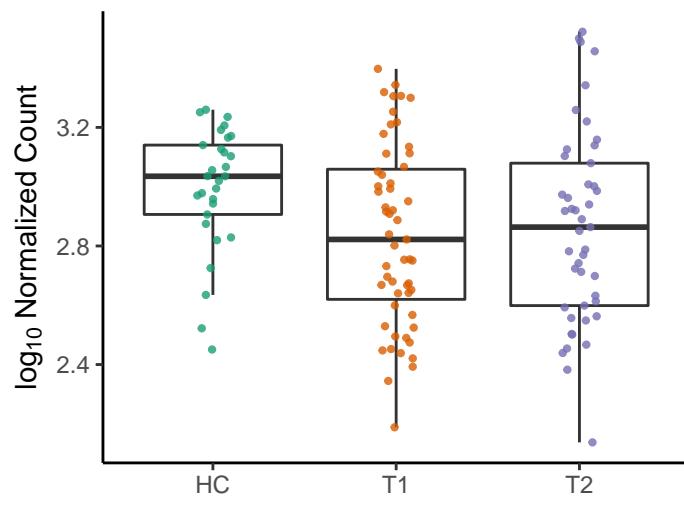
### Elusimicrobium

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.98



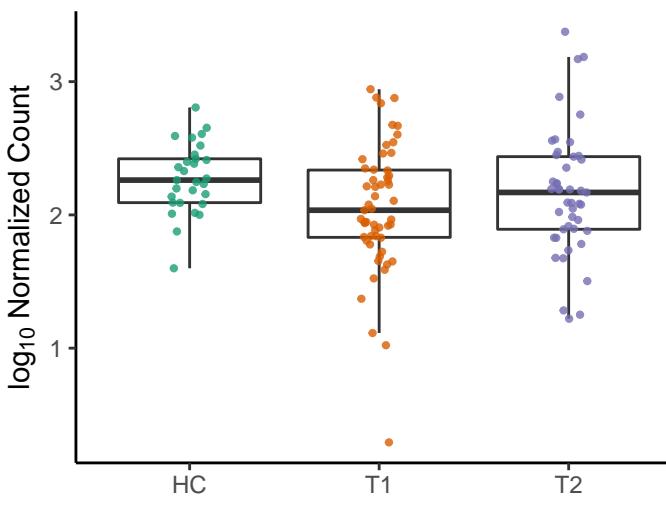
### *Helicobacter*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.068  
 T1 vs. T2 adjusted p = 0.92



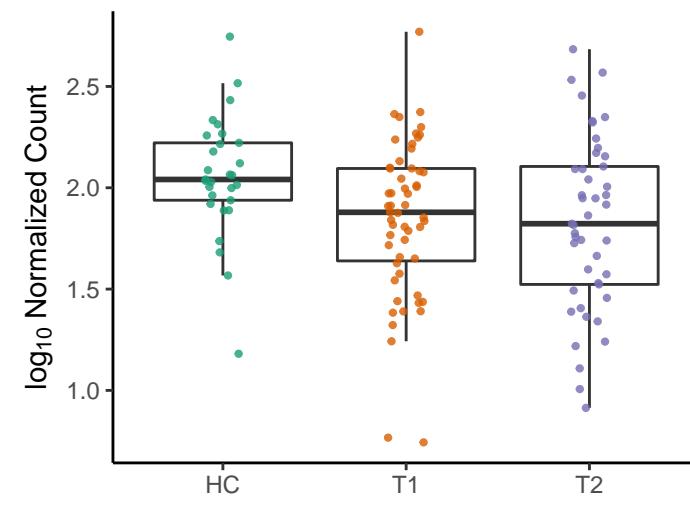
### *Frondihabitans*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.79



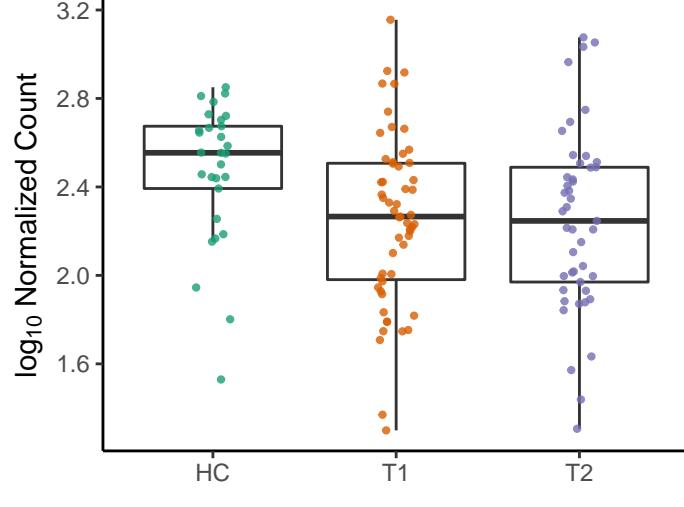
### Unclassified Alteromonadales Order

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 0.92



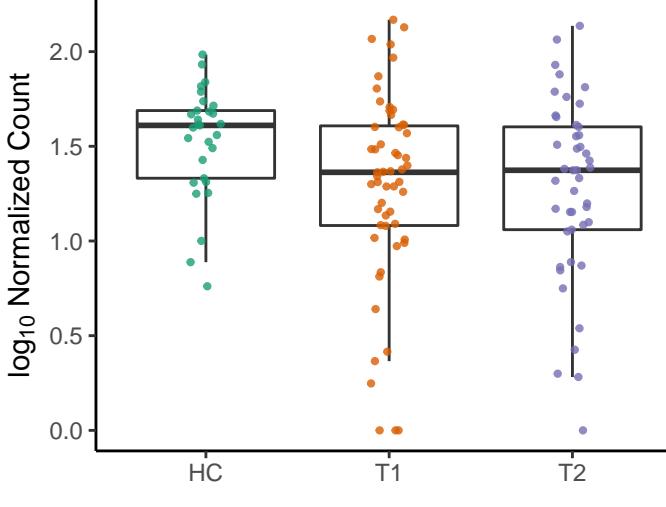
### *Halocella*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.027  
 T1 vs. T2 adjusted p = 0.98



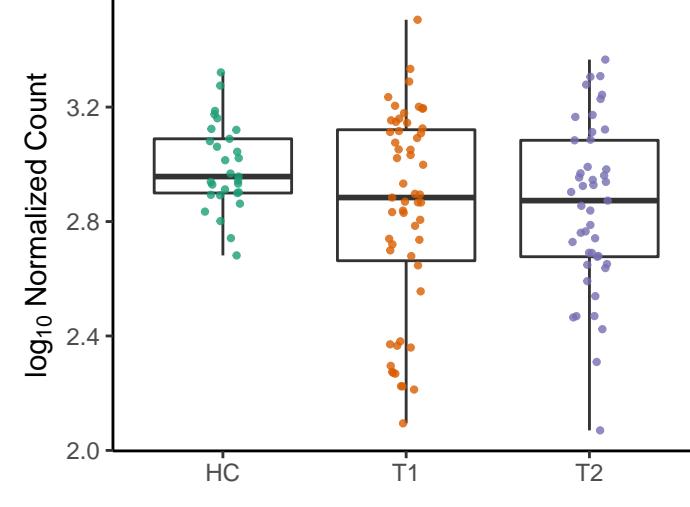
### *Halodesulfurarchaeum*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.023  
 T1 vs. T2 adjusted p = 1



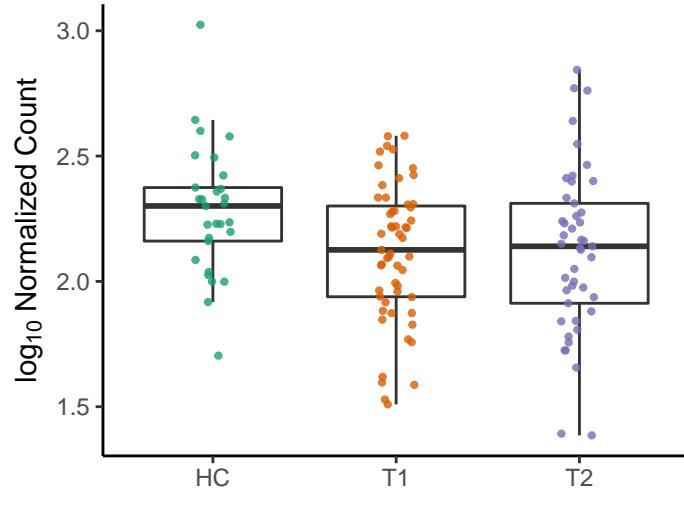
### *Pontibacter*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.025  
 T1 vs. T2 adjusted p = 0.92



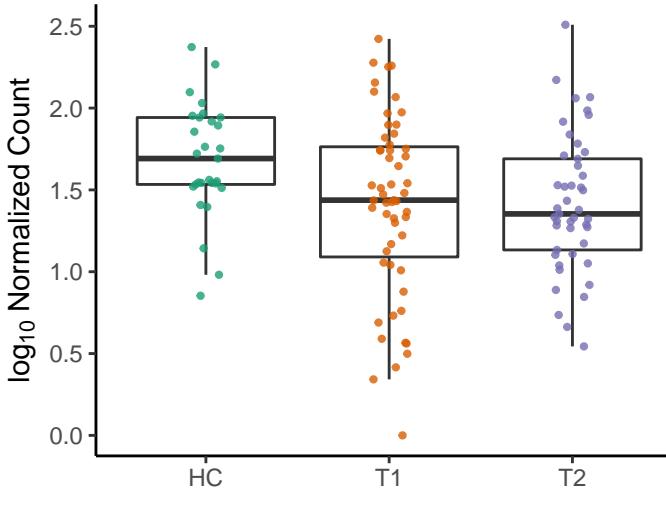
### *Idiomarina*

non-ED vs. T1 adjusted p = 0.017  
 non-ED vs. T2 adjusted p = 0.045  
 T1 vs. T2 adjusted p = 0.89



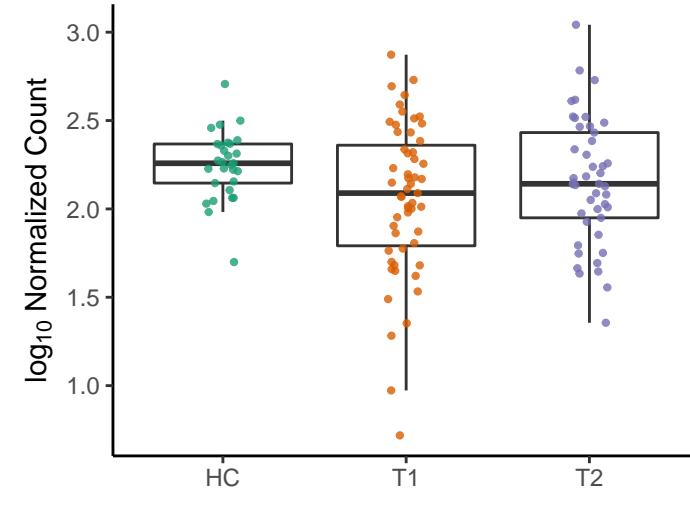
### *Oceanicoccus*

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.99



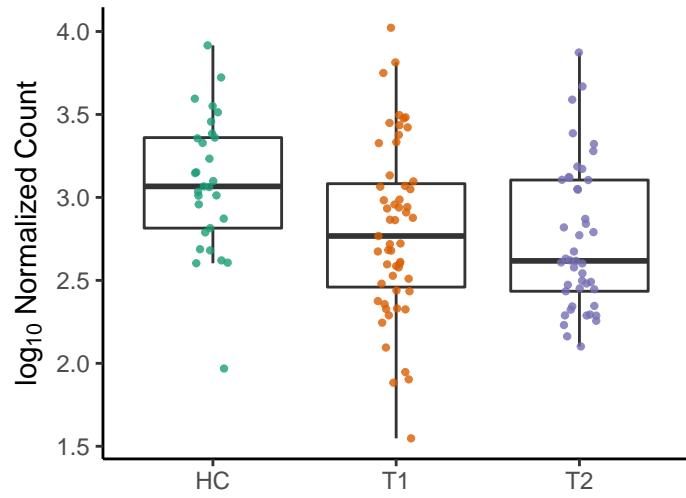
### Unclassified Kiritimatiellaeota Phylum

non-ED vs. T1 adjusted p = 0.018  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.79



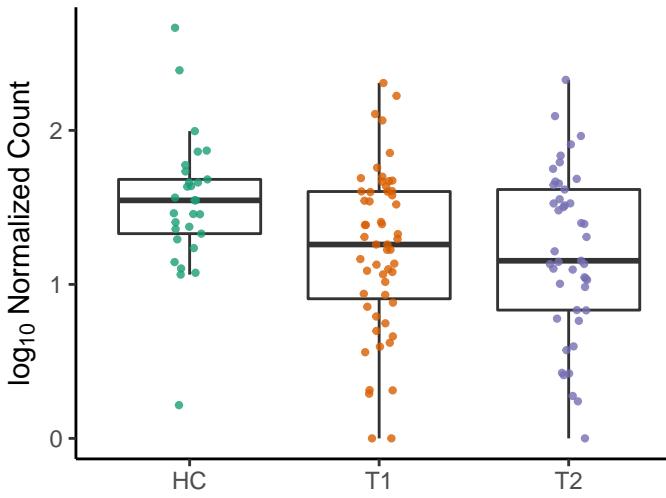
### Gemella

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0087  
T1 vs. T2 adjusted p = 0.79



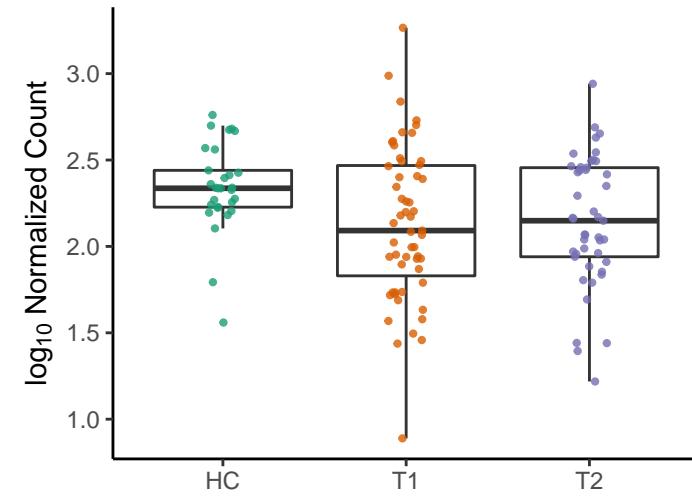
### Marivivens

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.92



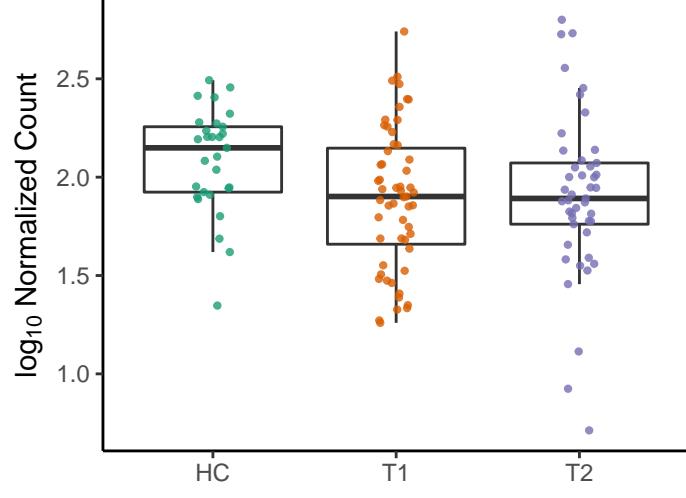
### Yangia

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.82



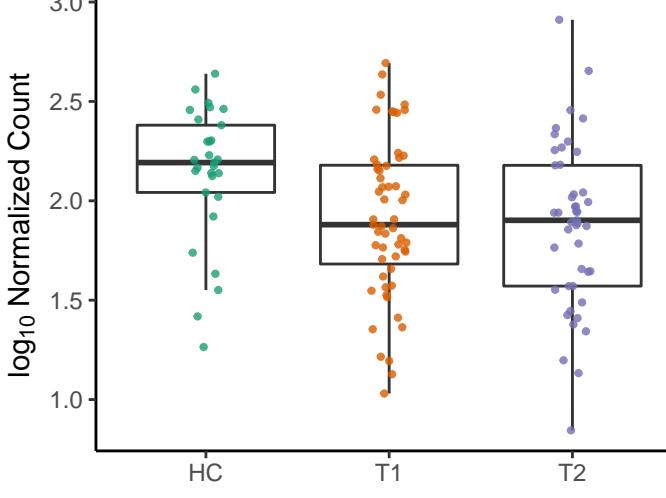
### Zymomonas

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.95



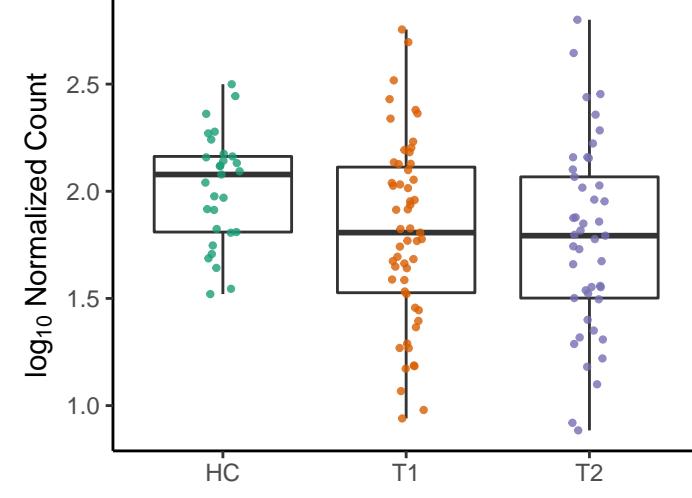
### Paraliobacillus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.81



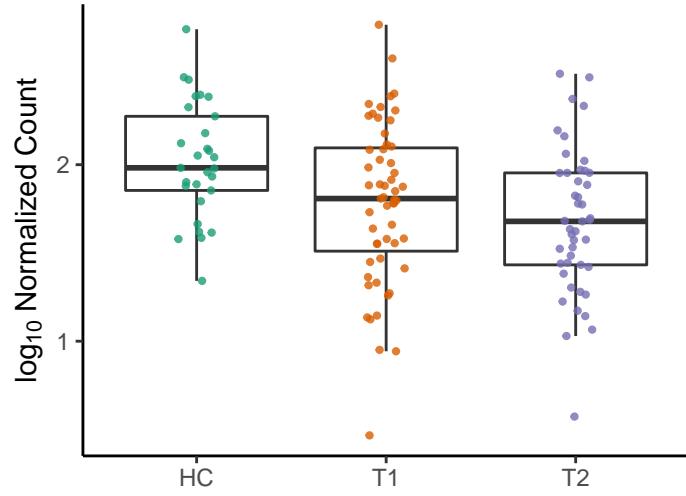
### Ahniella

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 1



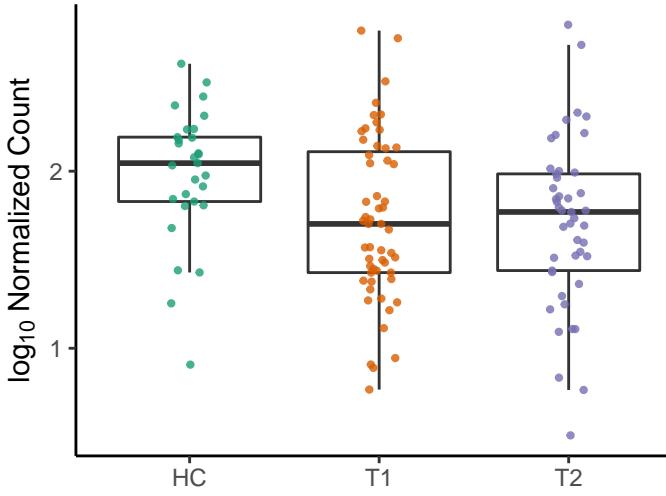
### Curvibacter

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.0042  
T1 vs. T2 adjusted p = 0.83



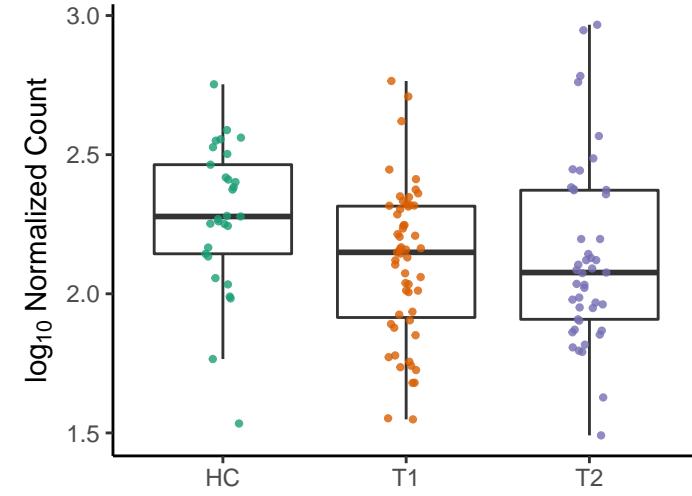
### Halarcobacter

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.92



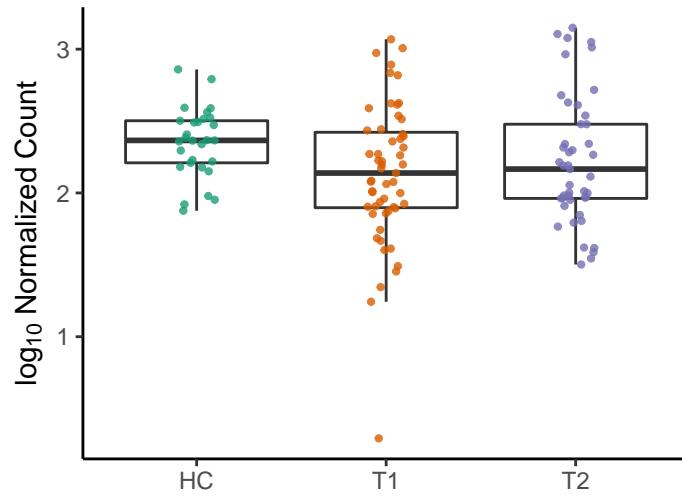
### Photorhabdus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.81



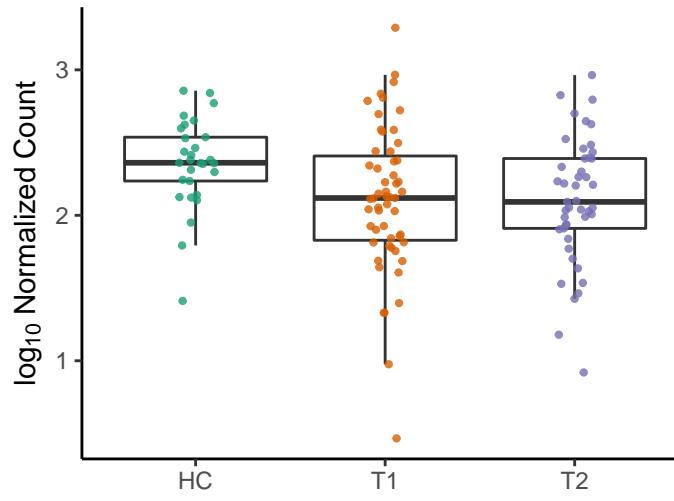
### Caldilinea

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.79



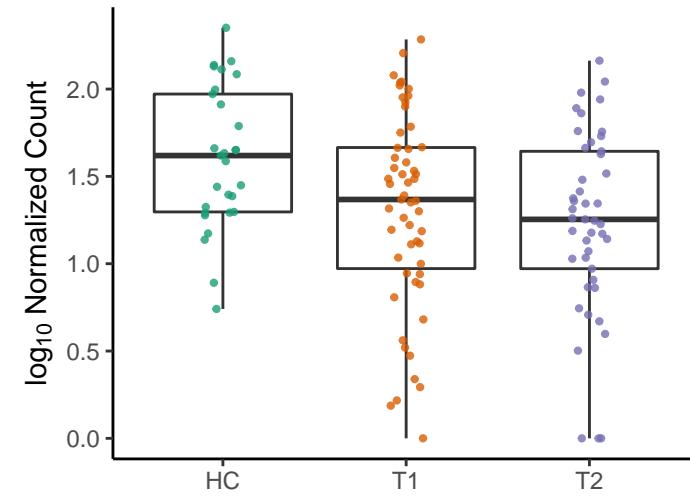
### Phycicoccus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.93



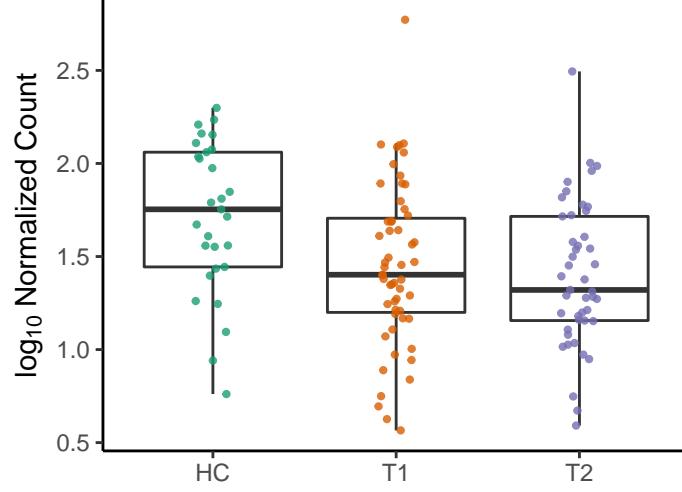
### Sulfurisphaera

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.79



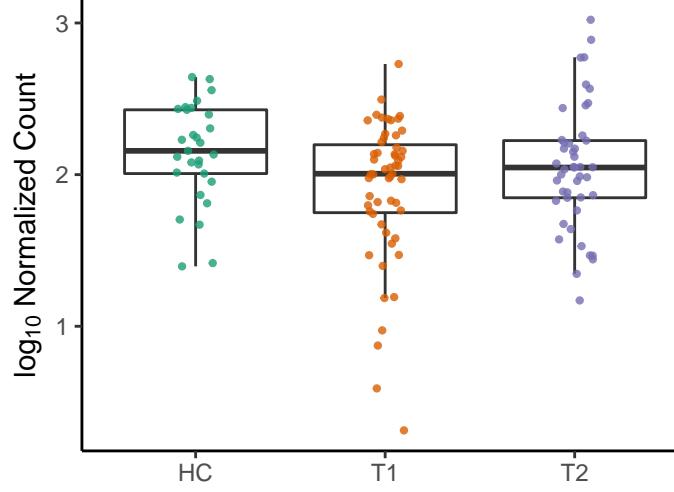
### Pichia

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



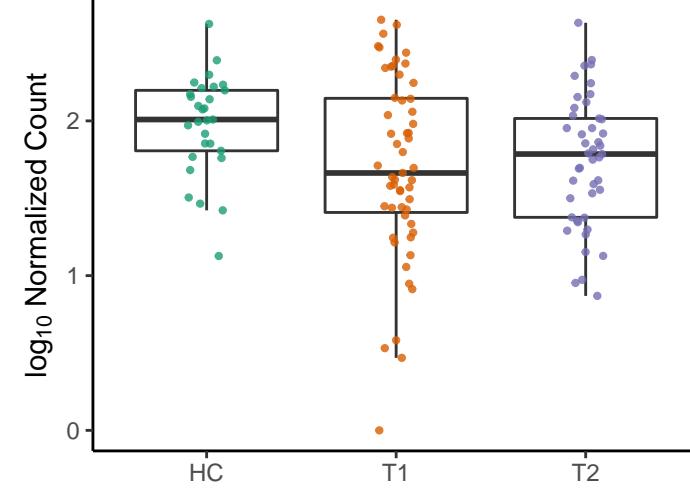
### Methanoculleus

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.31  
T1 vs. T2 adjusted p = 0.79



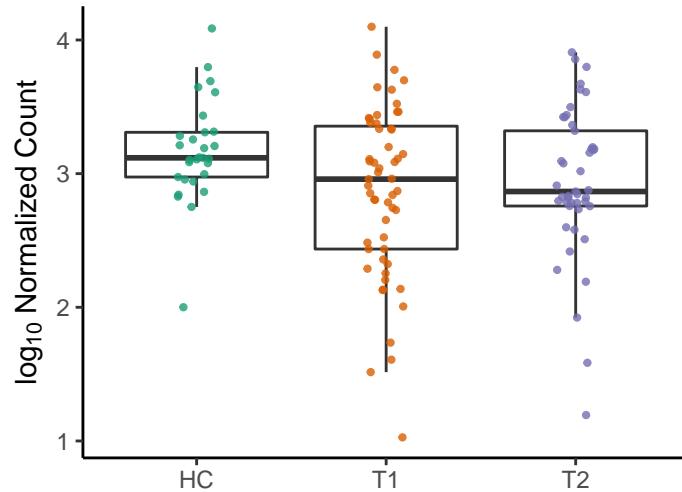
### Intrasporangium

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.9



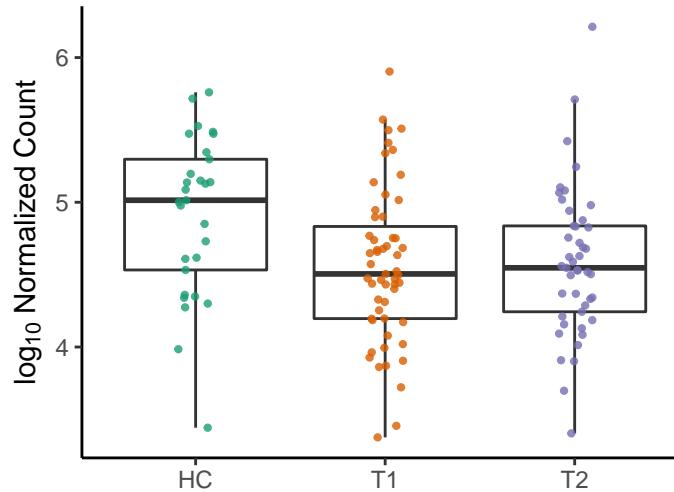
### Unclassified Coriobacteriaceae Family

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.8



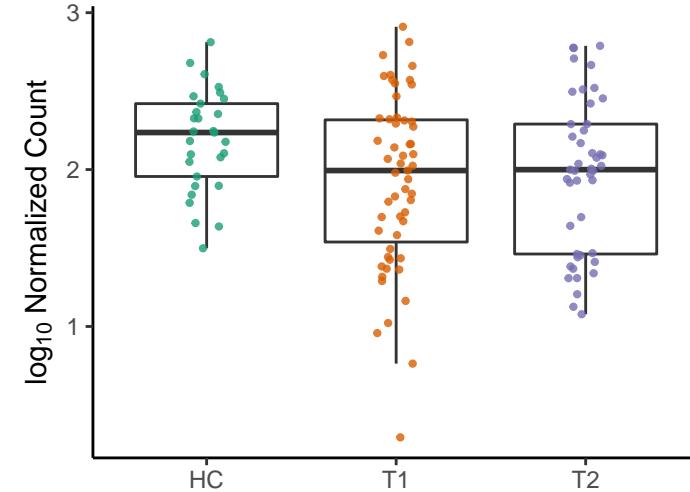
### Unclassified Erysipelotrichaceae Family

non-ED vs. T1 adjusted p = 0.018  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 1



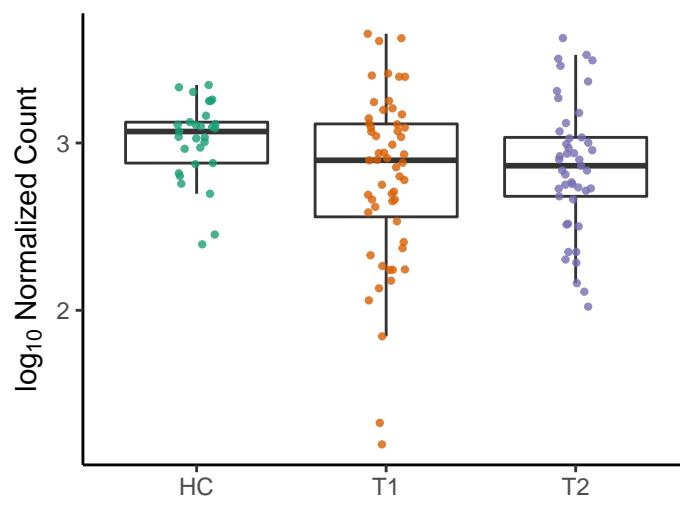
### Pimelobacter

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.89



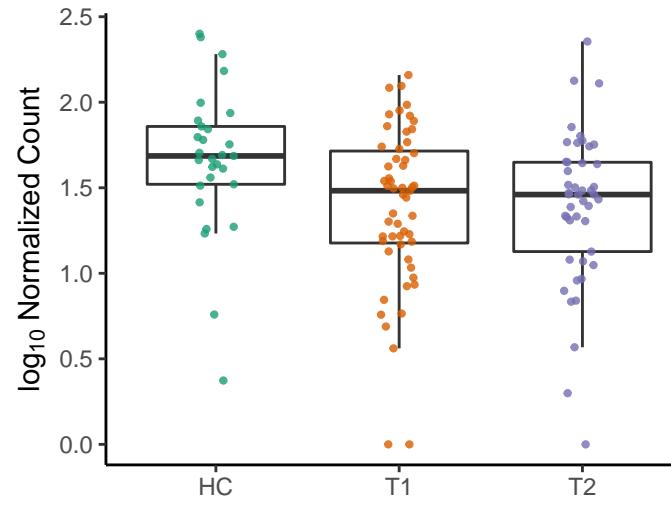
### *Thermaerobacter*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.79



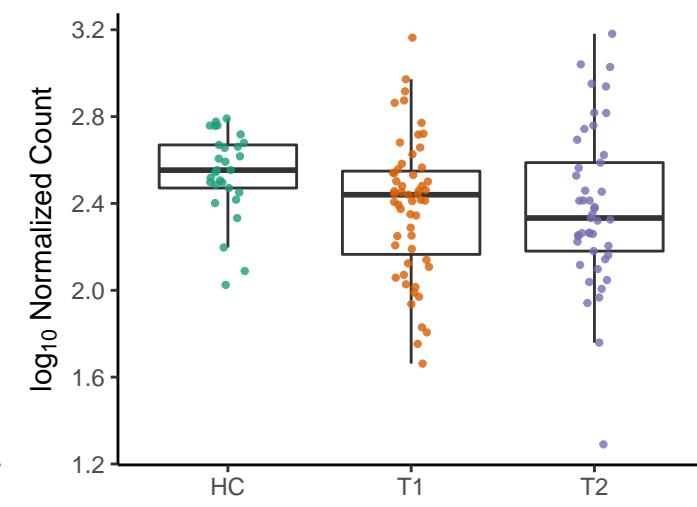
### *Neptunomonas*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.96



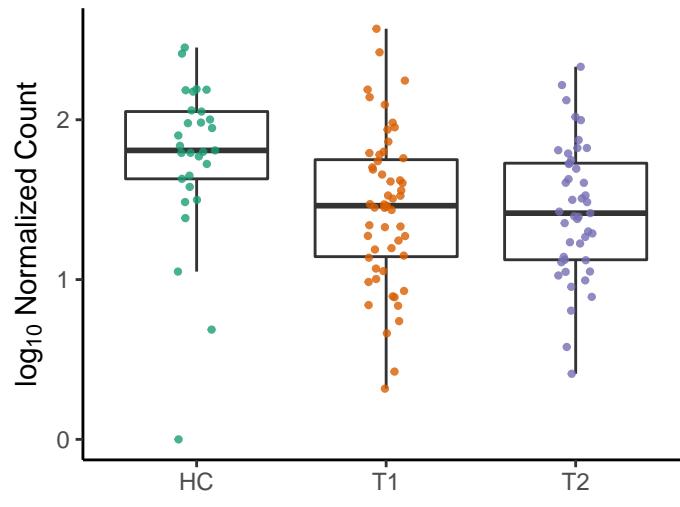
### *Halobacillus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.94



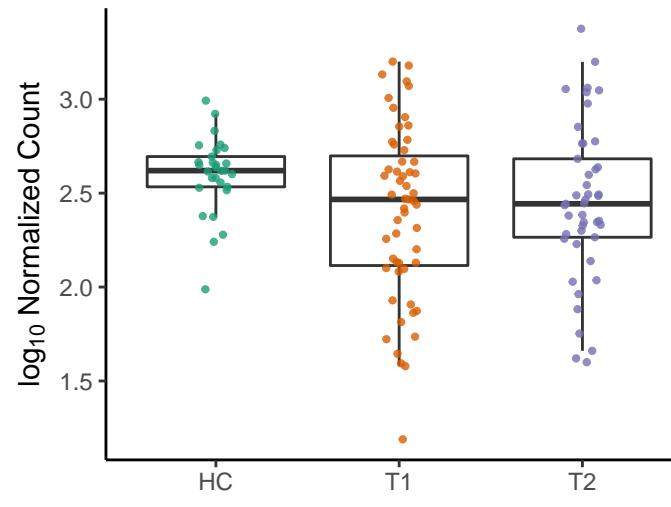
### *Deferribacter*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.02  
 T1 vs. T2 adjusted p = 0.98



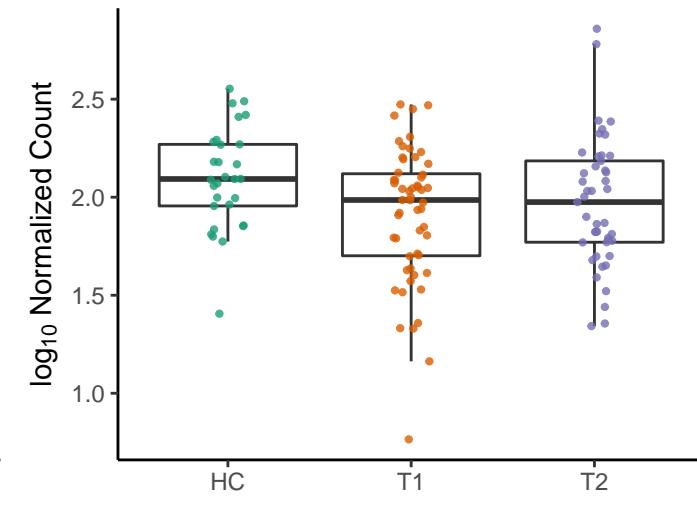
### *Limnochorda*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.79



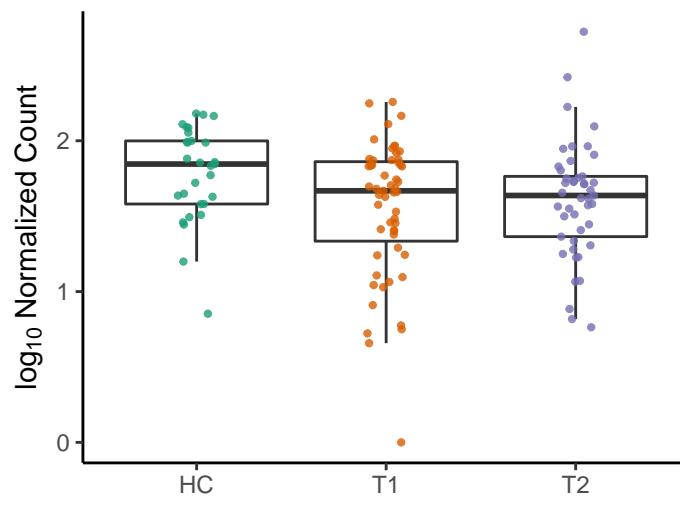
### Unclassified Corynebacteriaceae Family

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.79



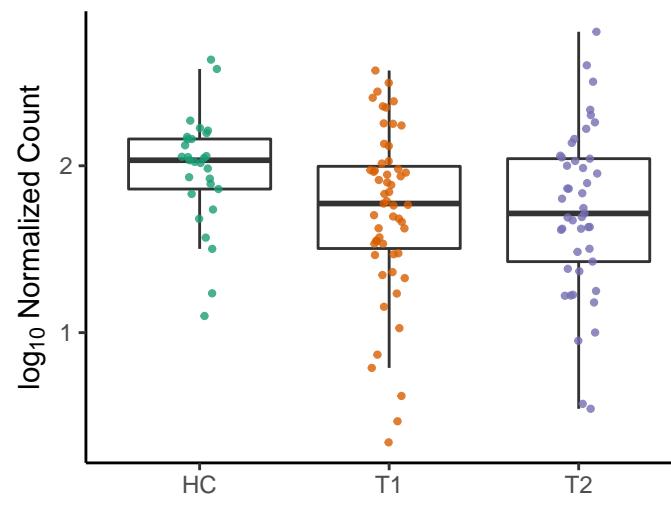
### *Cylindrospermum*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.8



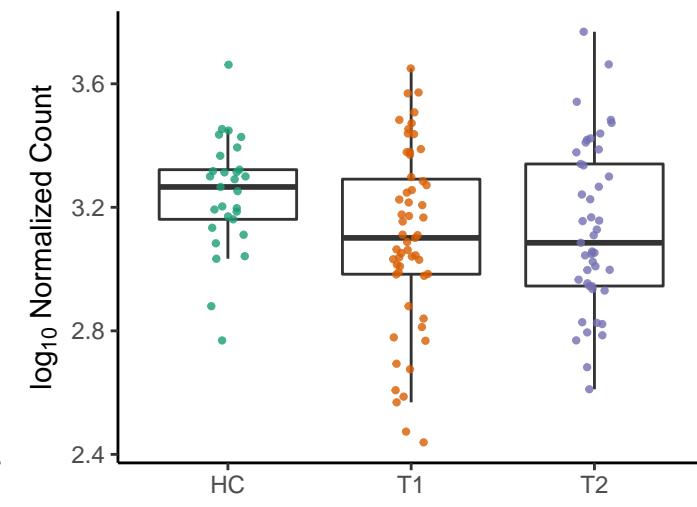
### *Epidermidibacterium*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.91



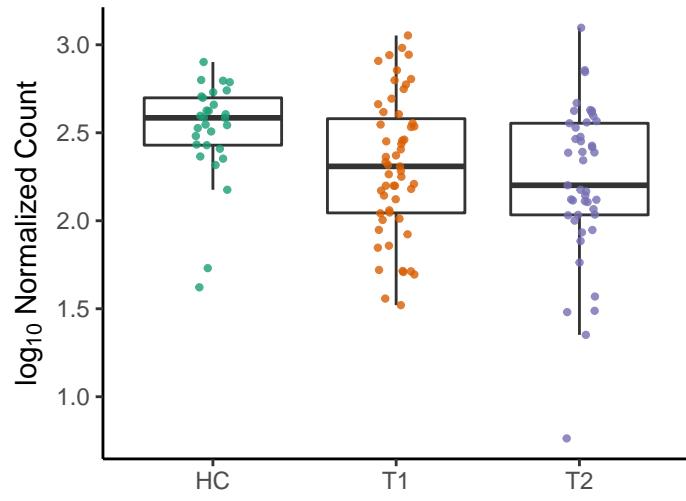
### *Brevibacillus*

non-ED vs. T1 adjusted p = 0.019  
 non-ED vs. T2 adjusted p = 0.063  
 T1 vs. T2 adjusted p = 0.8



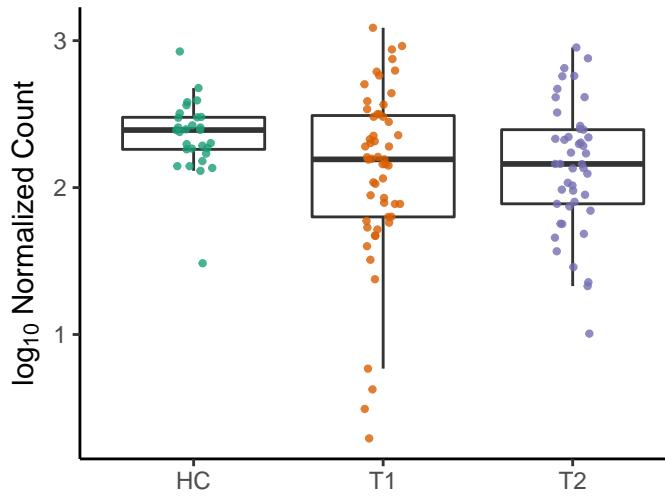
### Borrelia

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



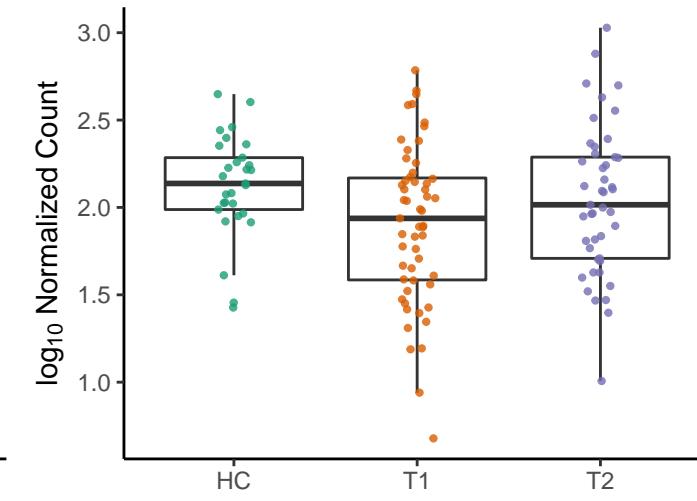
### Stackebrandtia

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



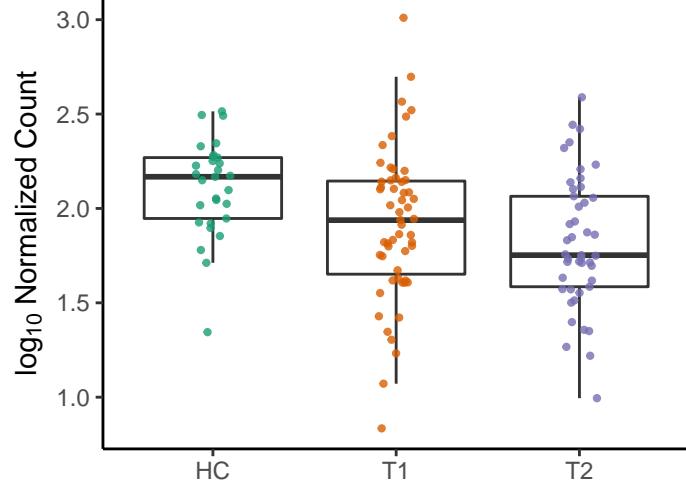
### Tardiphaga

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.35  
T1 vs. T2 adjusted p = 0.79



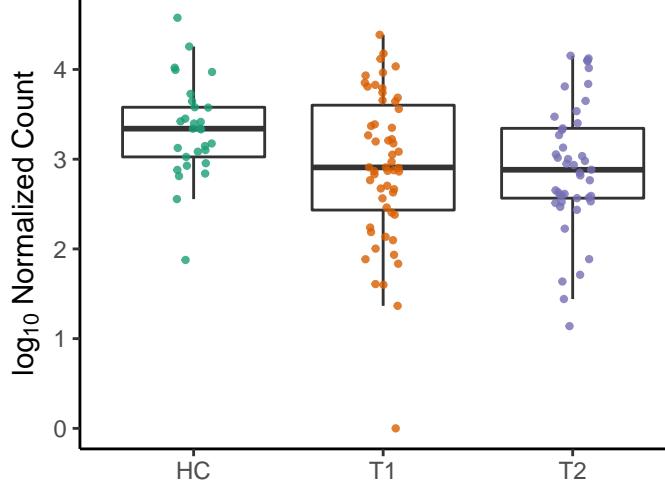
### Thalassotalea

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.0035  
T1 vs. T2 adjusted p = 0.79



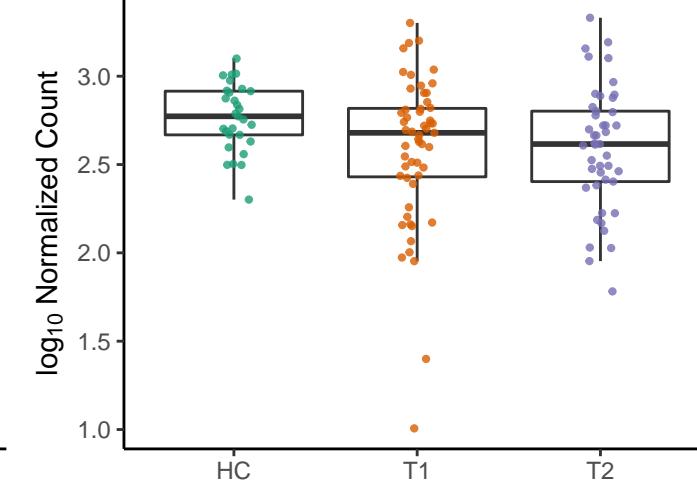
### Unclassified Coriobacteriales Order

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.85



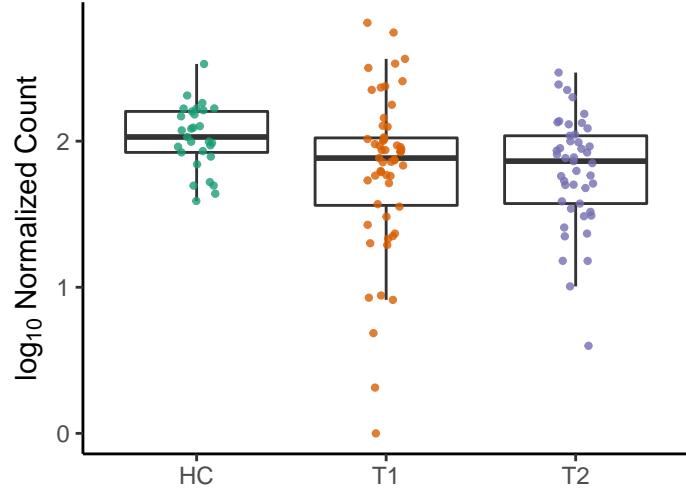
### Desulfomicrobium

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.88



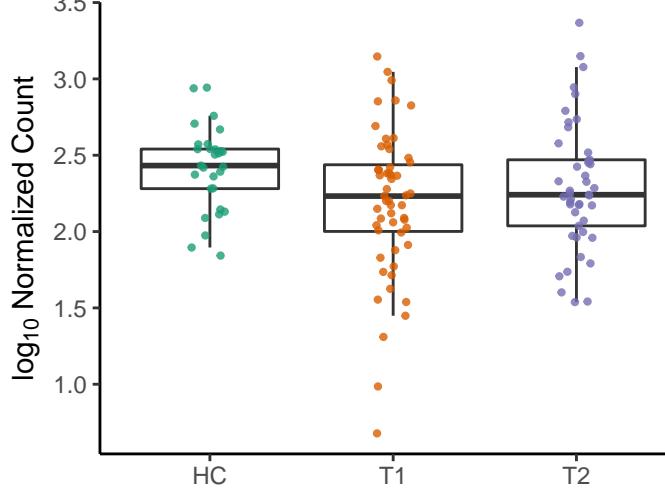
### Kineobactrum

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.99



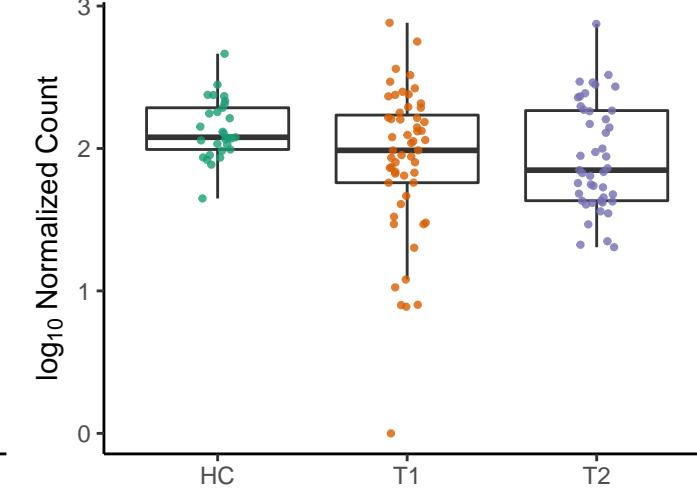
### Unclassified Pseudomonadaceae Fami

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



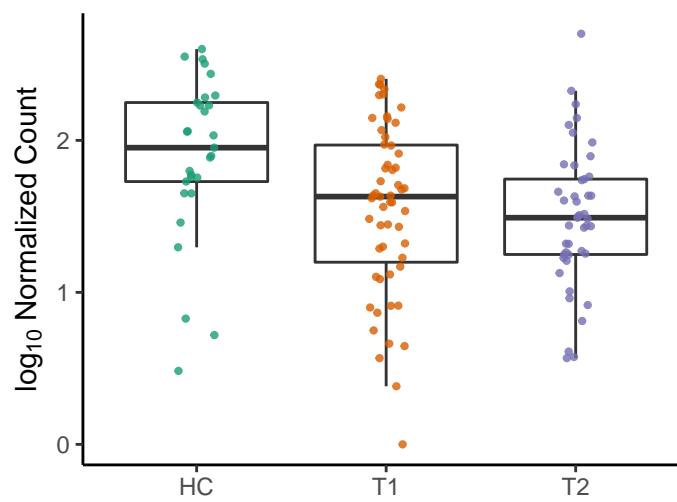
### Anaerolinea

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.85



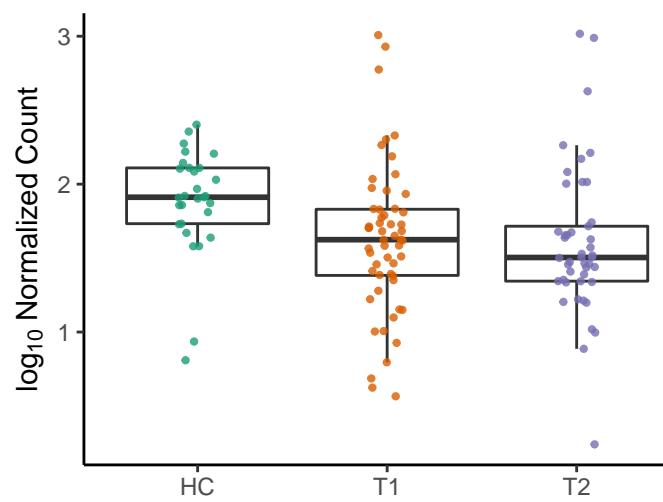
### Sphingosinithalassobacter

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.83



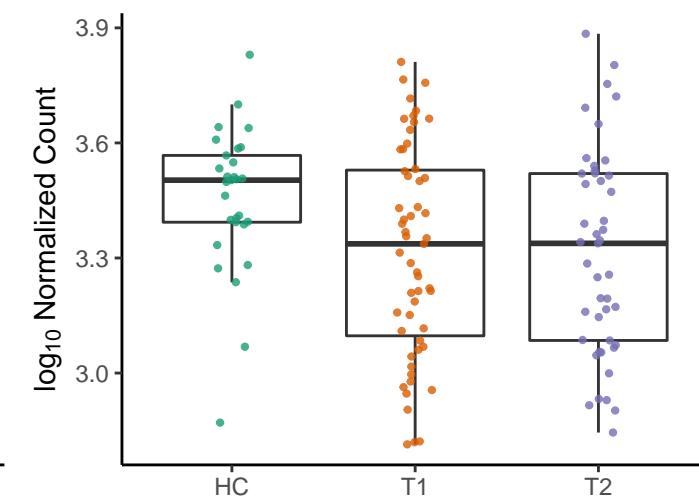
### Beggiatoa

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.96



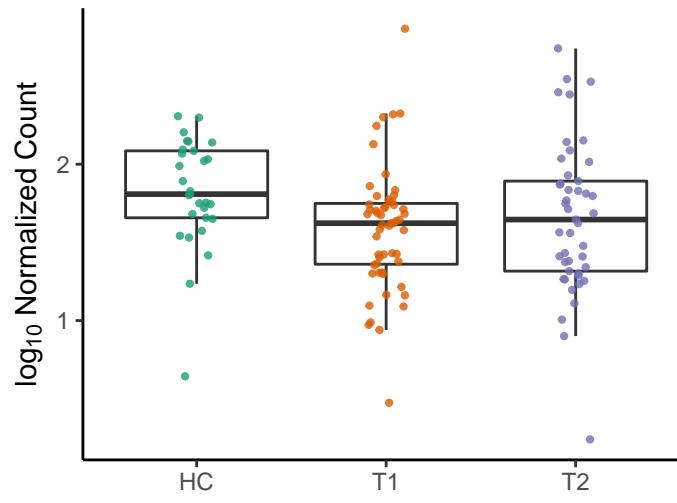
### Acinetobacter

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 1



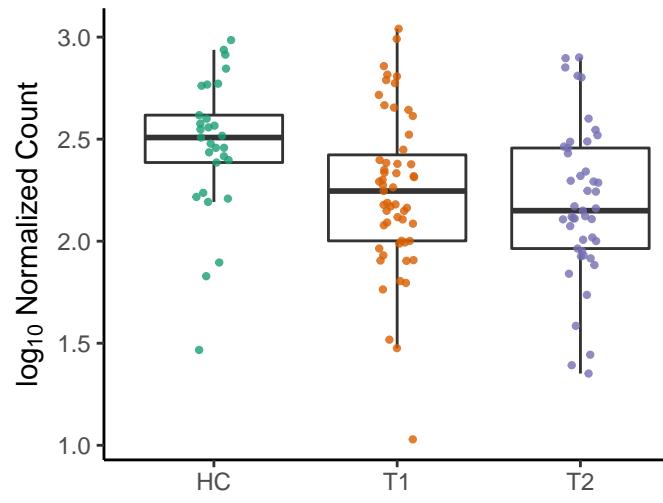
### Thiomicrospira

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.83



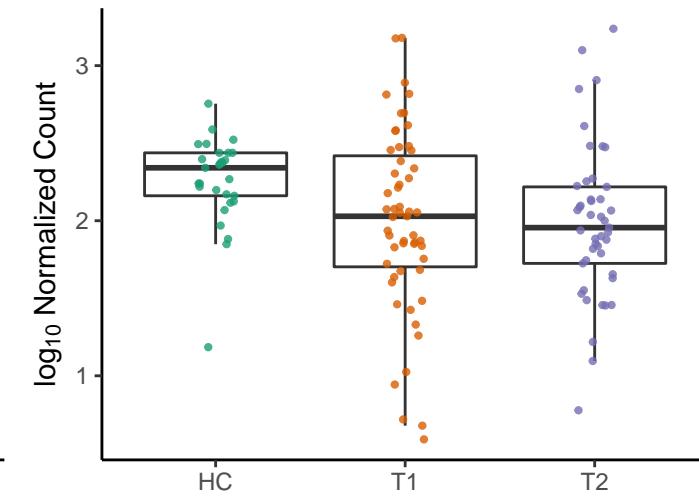
### Caloranaerobacter

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.81



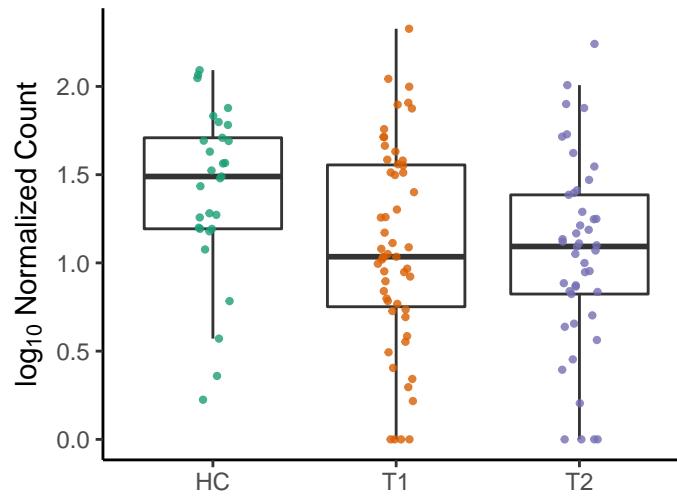
### Candidatus Koribacter

non-ED vs. T1 adjusted p = 0.019  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.95



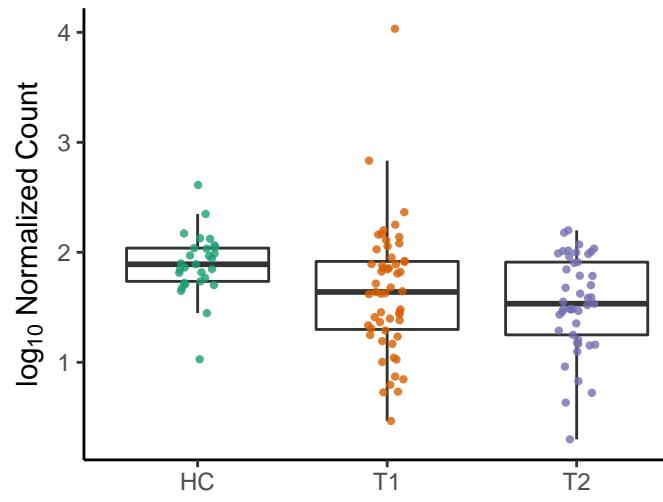
### Candidatus Amoebophilus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.9



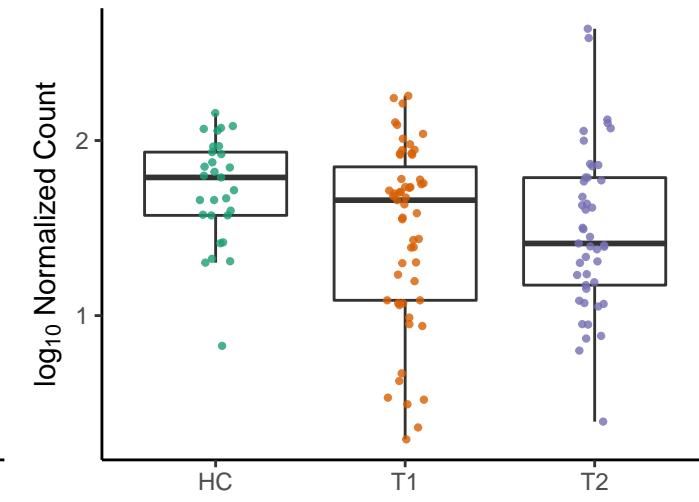
### Malassezia

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.79



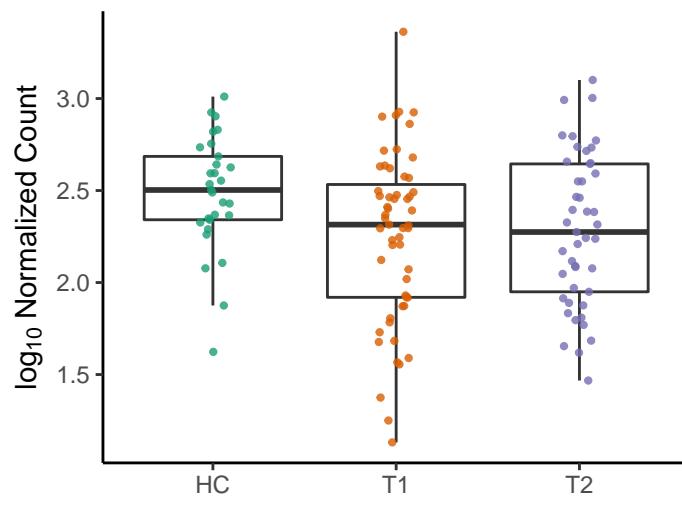
### Methylobacillus

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 1



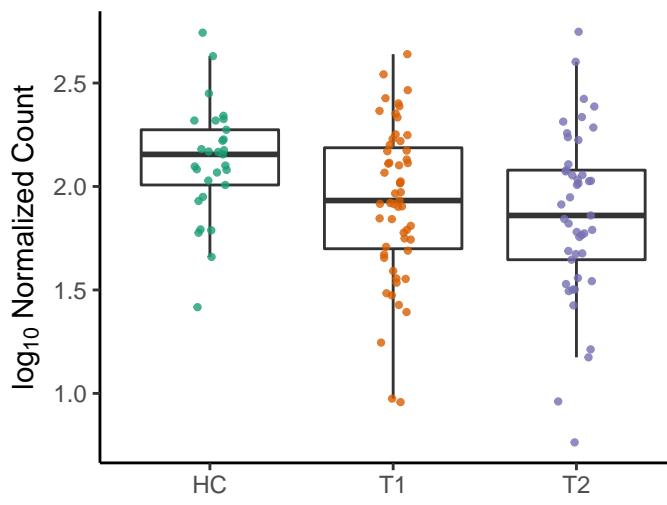
### Stigmatella

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.81



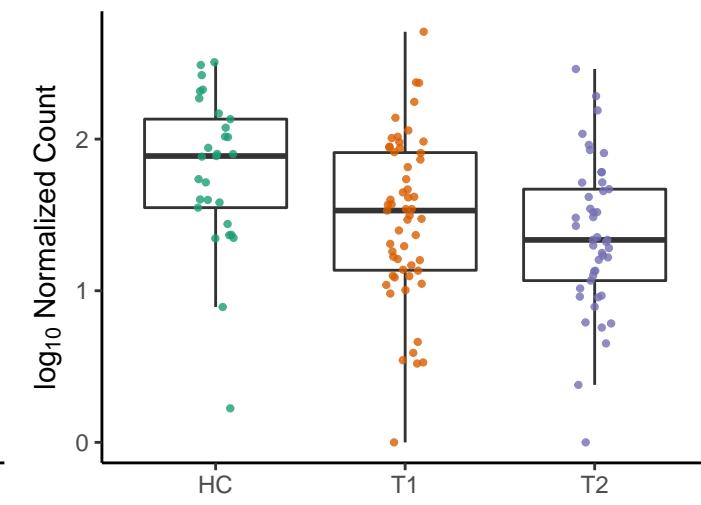
### Unclassified Neisseriaceae Family

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.91



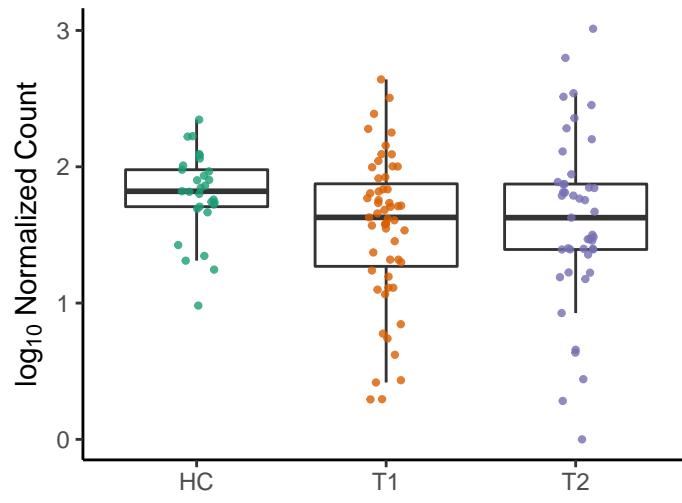
### Sneathia

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.0069  
T1 vs. T2 adjusted p = 0.79



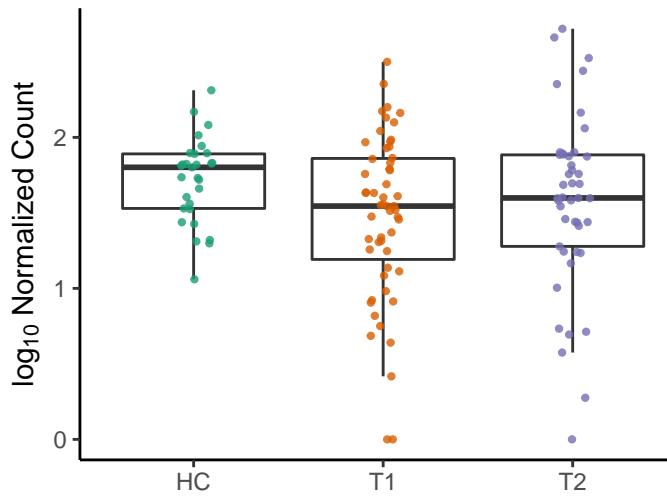
### Aerosticca

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.8



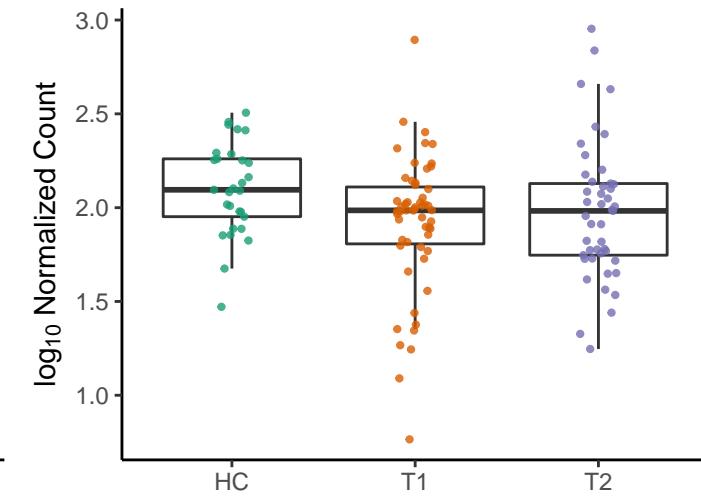
### Candidatus Bipolaricaulis

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



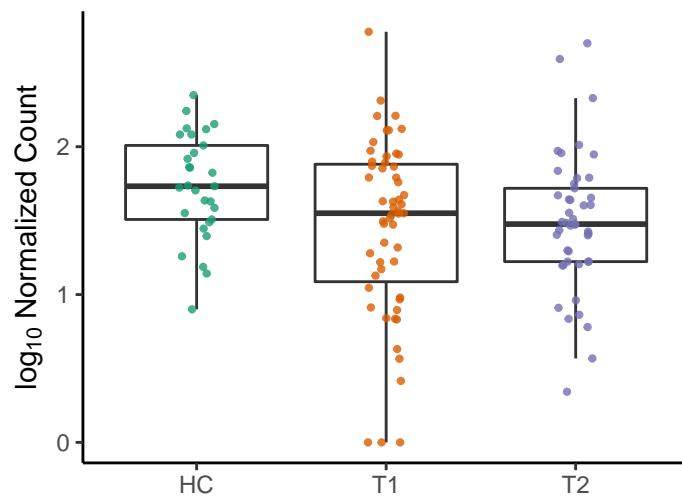
### Thermanaeromonas

non-ED vs. T1 adjusted p = 0.02  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



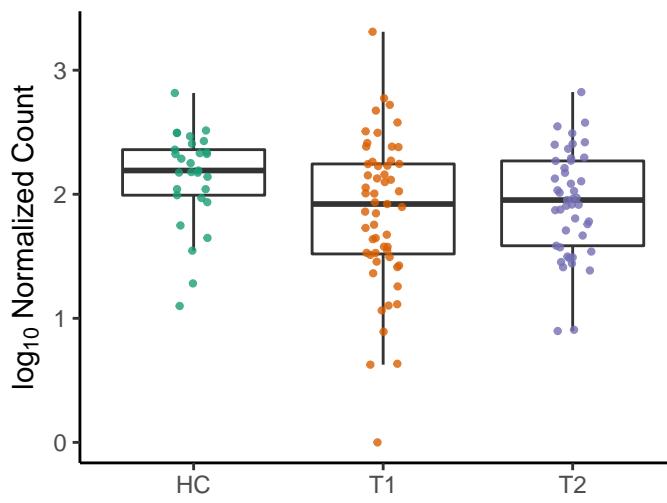
### Bermanella

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.96



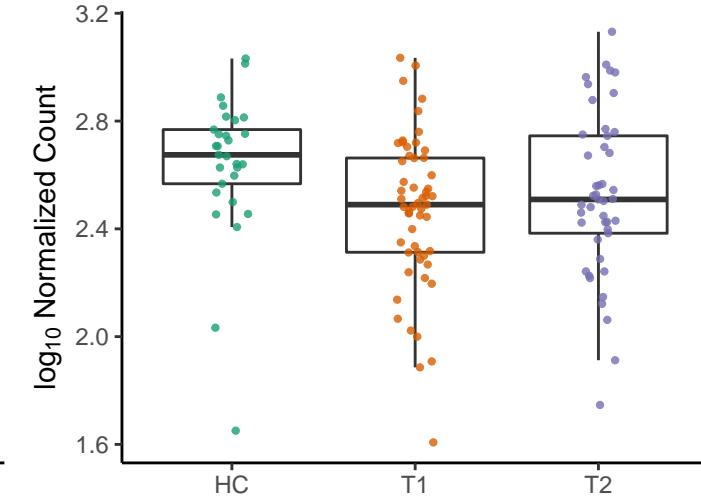
### Methyloversatilis

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.79



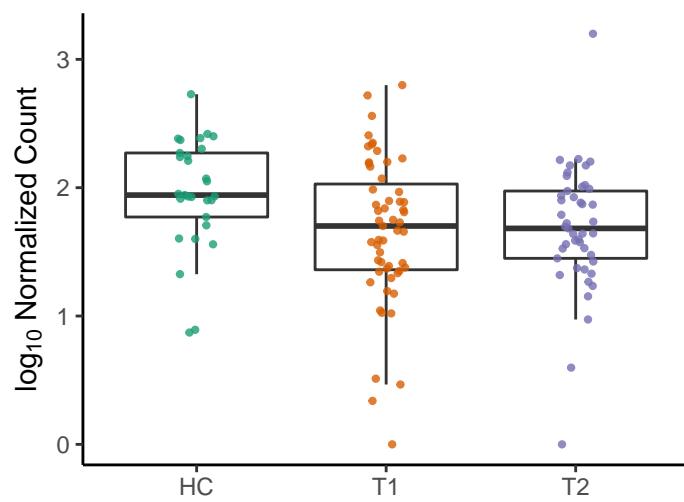
### Aneurinibacillus

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



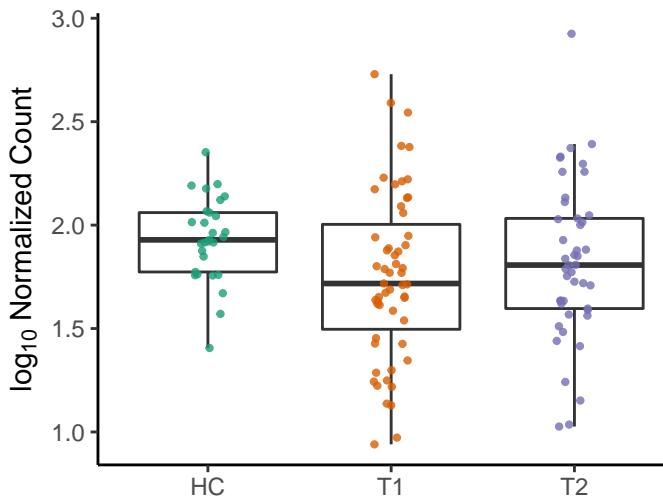
### Frischella

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.91



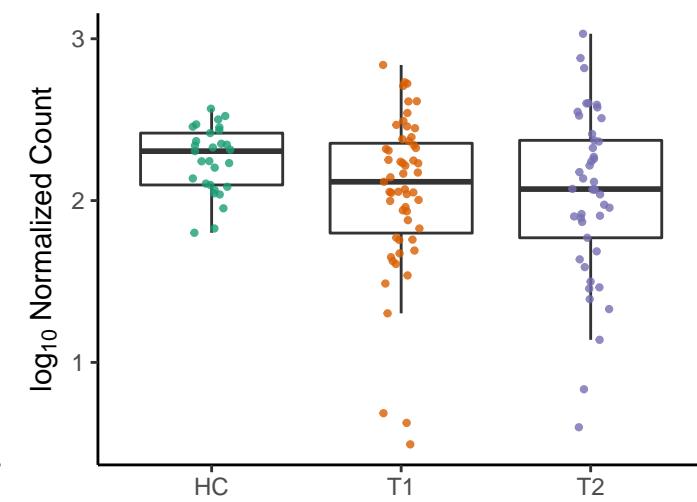
### Halomicronema

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.8



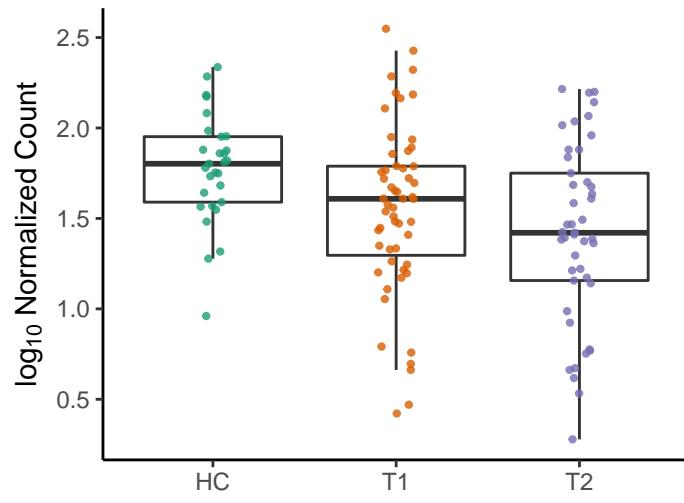
### Nordella

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.87



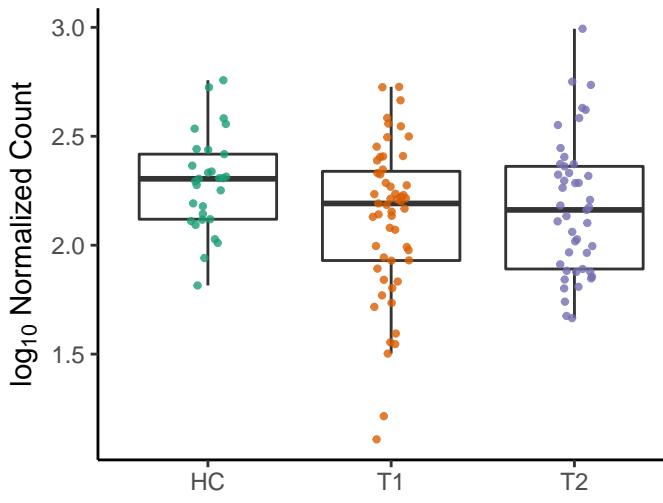
### Mesoflavibacter

non-ED vs. T1 adjusted p = 0.021  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.79



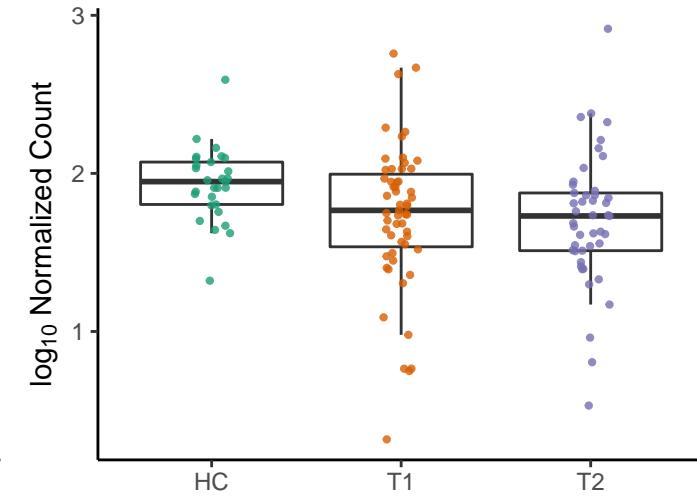
### Sedimentisphaera

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.79



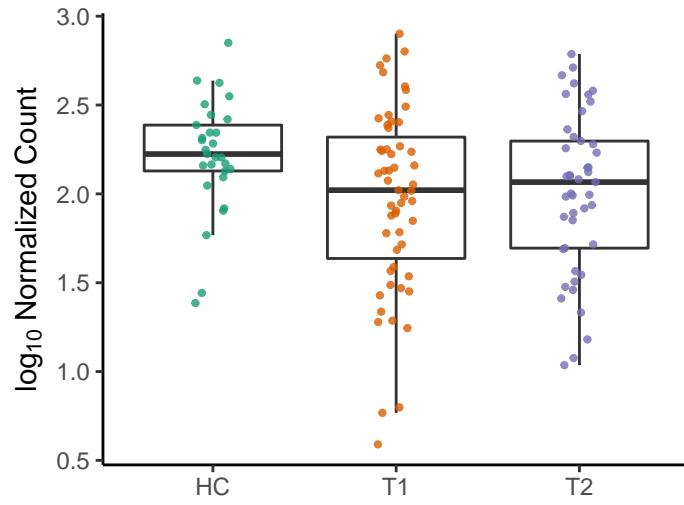
### Saccharospirillum

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.9



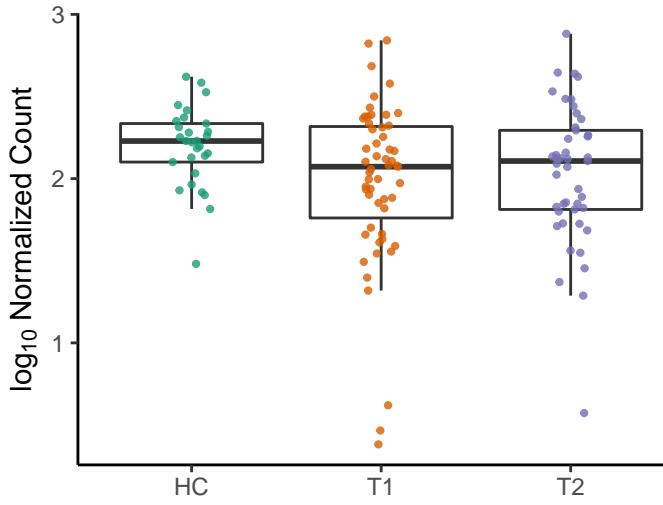
### Unclassified lamiaceae Family

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



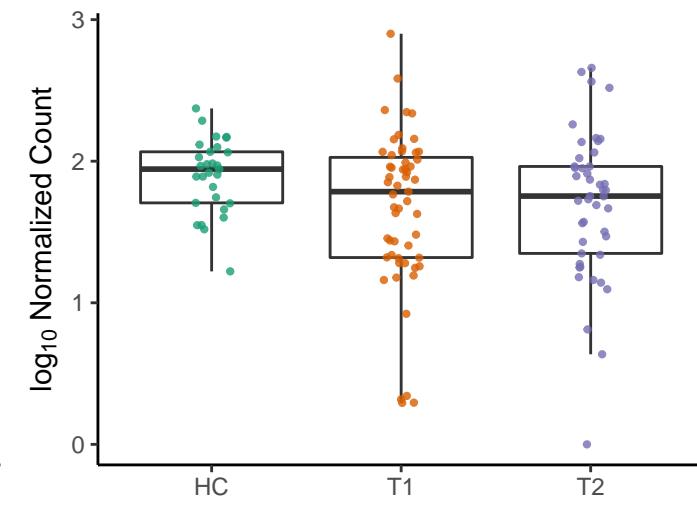
### Methanocella

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.79



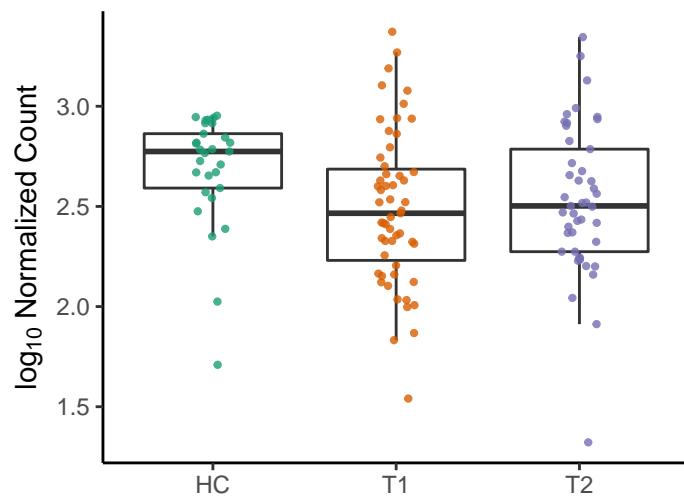
### Boseongicola

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.86



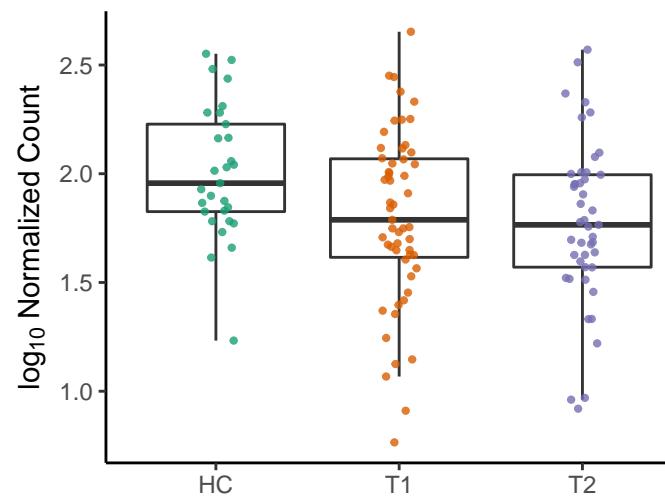
### *Peptoclostridium*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.81



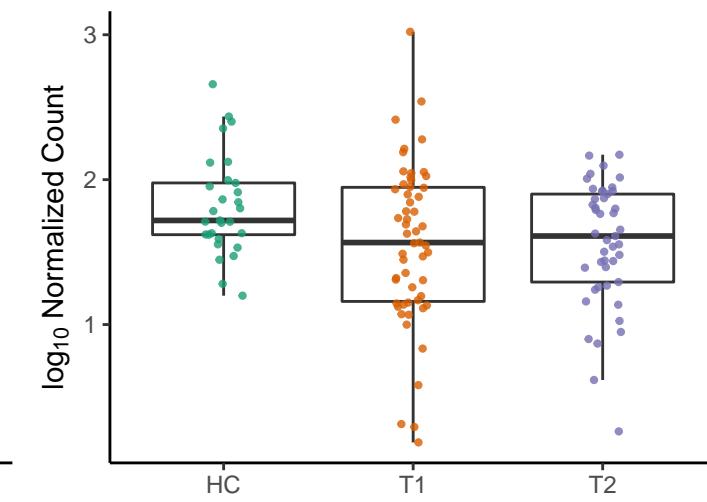
### *Endomicrobium*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.018  
 T1 vs. T2 adjusted p = 0.92



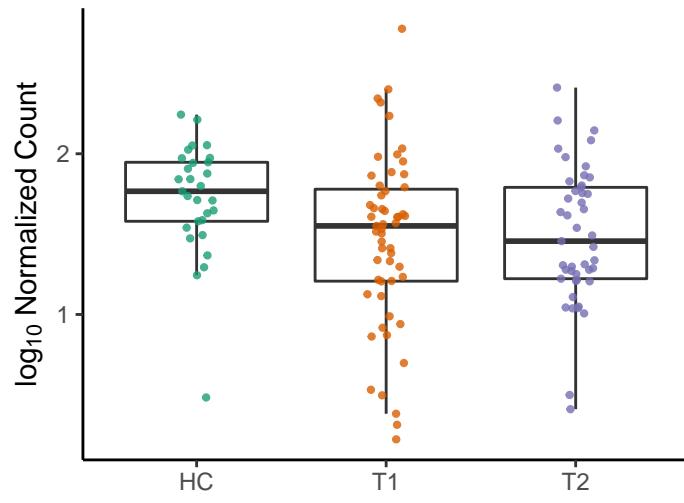
### *Neoasaia*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.021  
 T1 vs. T2 adjusted p = 0.8



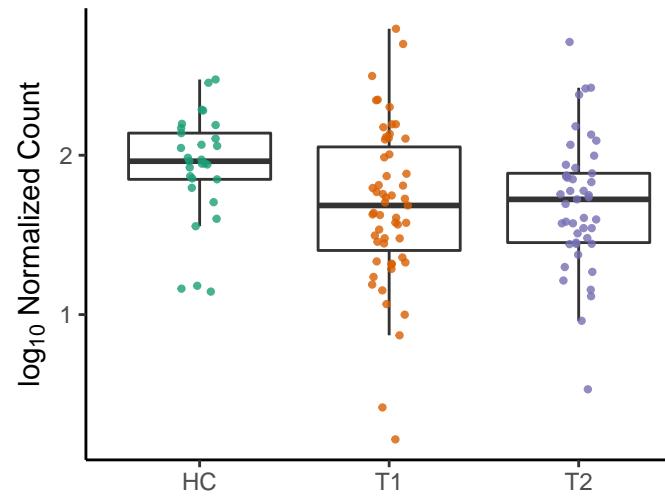
### *Thalassobius*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.86



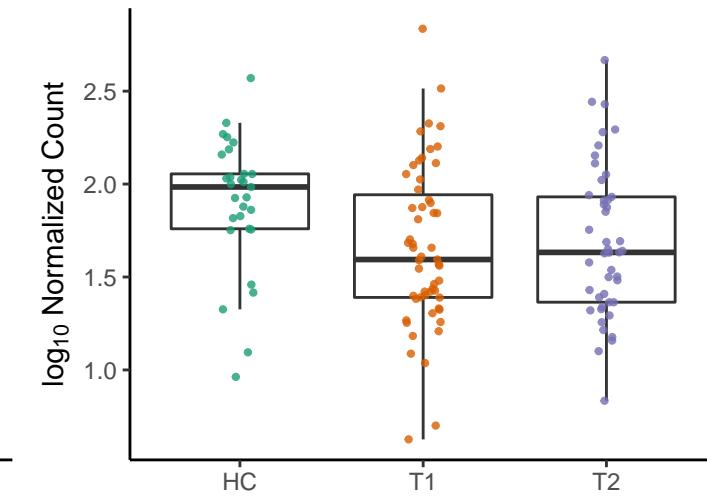
### Unclassified Silvanigrellales Order

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 1



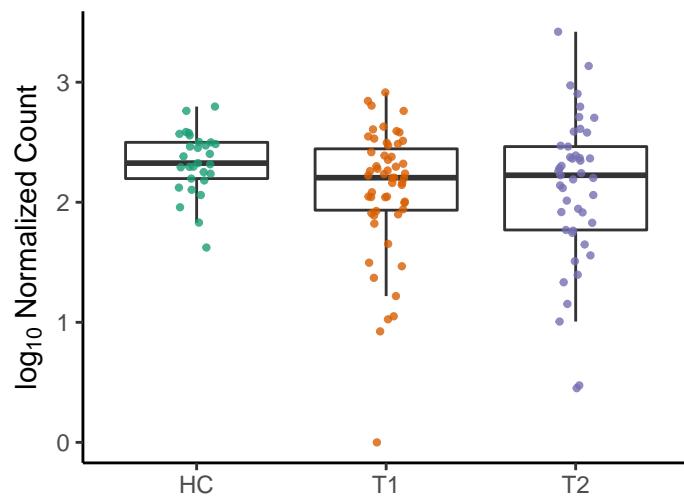
### *Gloeocapsa*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.88



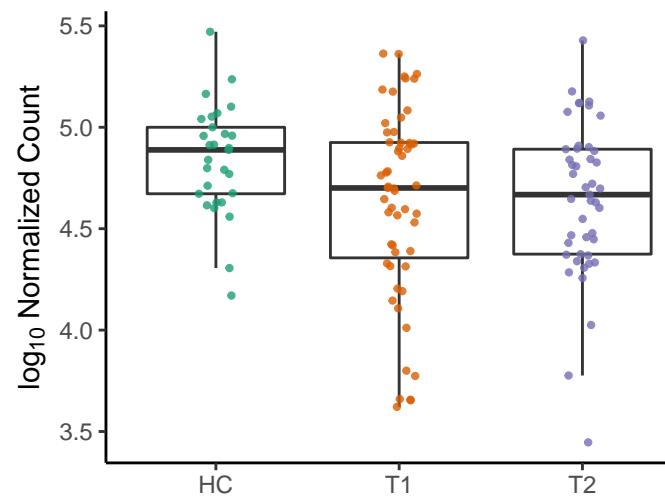
### Unclassified Methylobacteriaceae Family

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.89



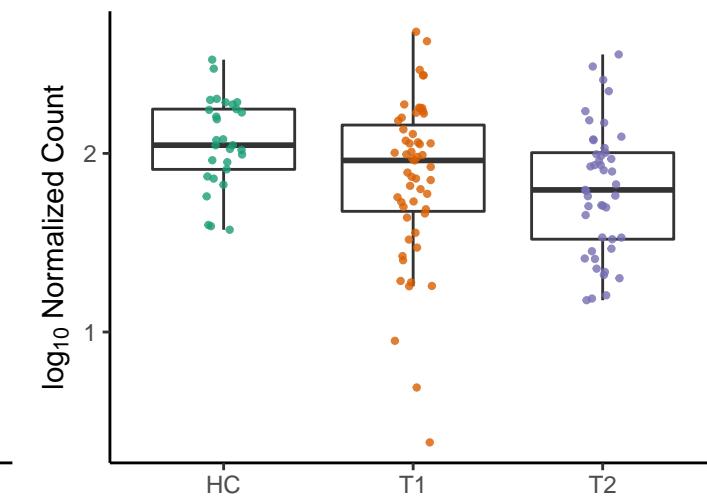
### *Dysosmobacter*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



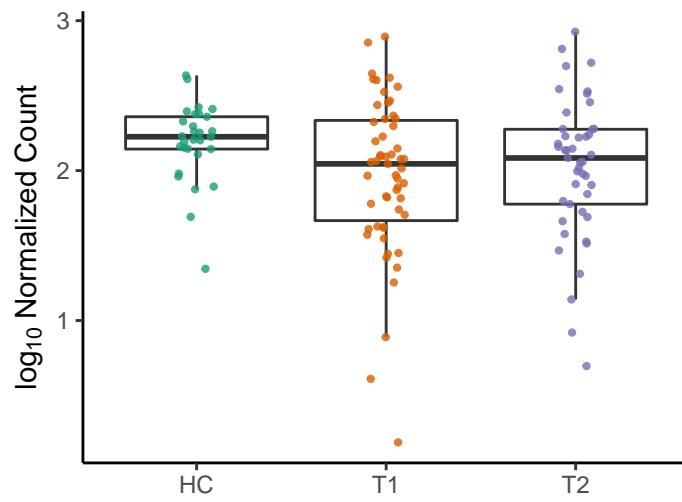
### *Methylocaldum*

non-ED vs. T1 adjusted p = 0.022  
 non-ED vs. T2 adjusted p = 0.0059  
 T1 vs. T2 adjusted p = 0.89



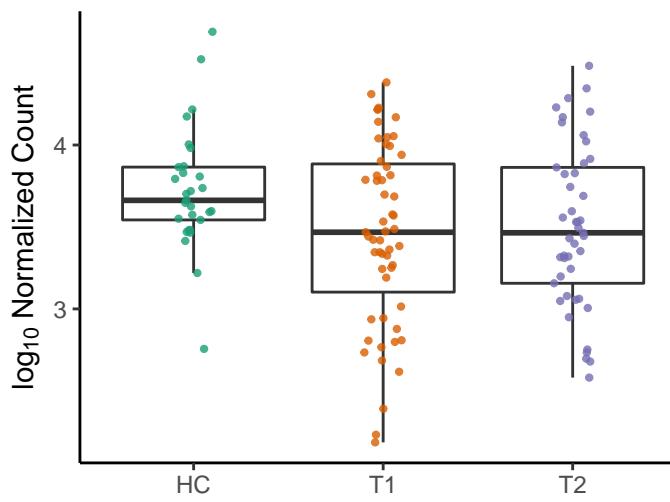
### Oceanimonas

non-ED vs. T1 adjusted p = 0.022  
non-ED vs. T2 adjusted p = 0.076  
T1 vs. T2 adjusted p = 0.79



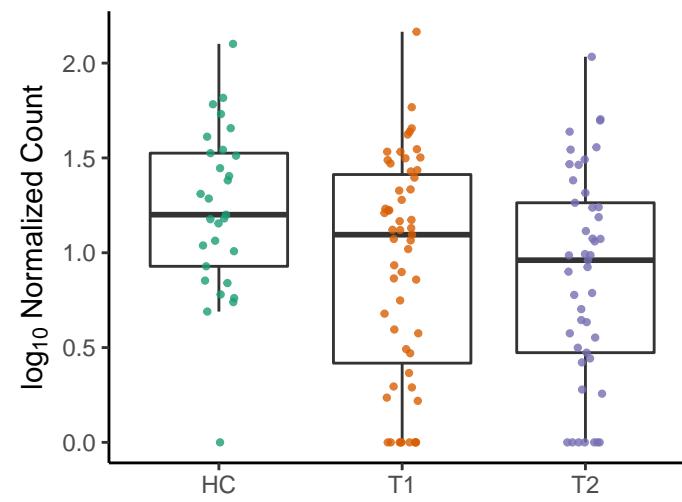
### Unclassified Actinobacteria Phylum

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.79



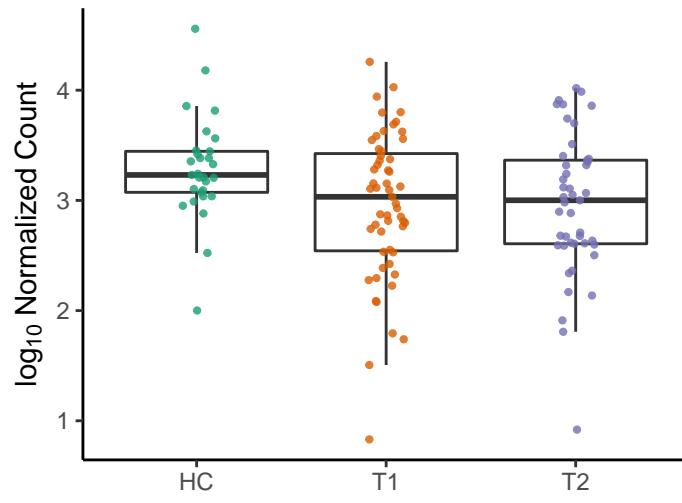
### Unclassified Rhodobacterales Order

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.93



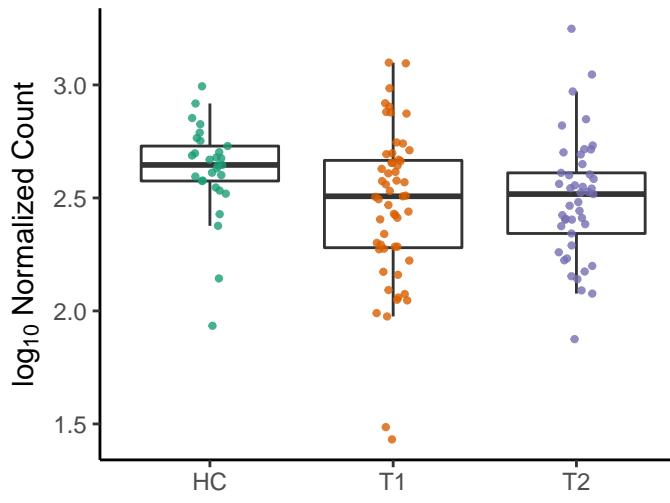
### Parolsenella

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.8



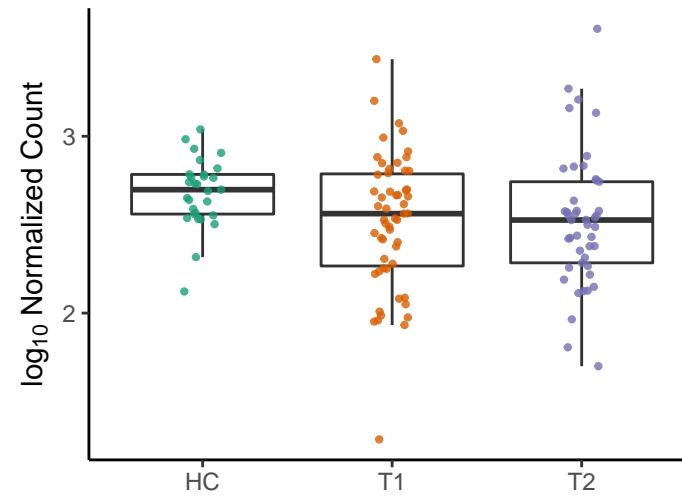
### Bdellovibrio

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



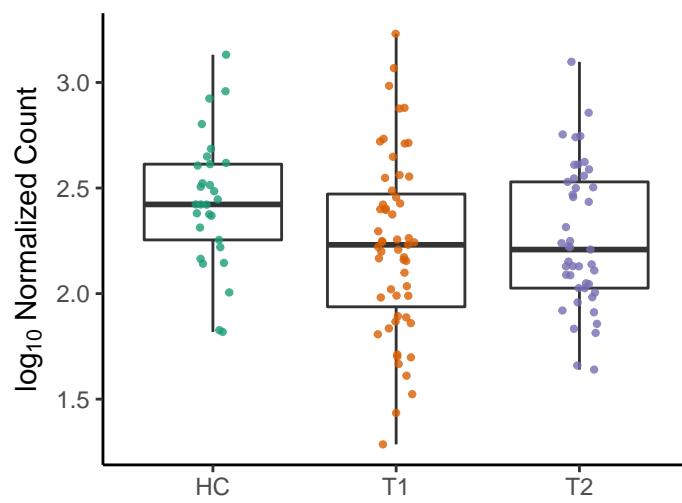
### Collimonas

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.85



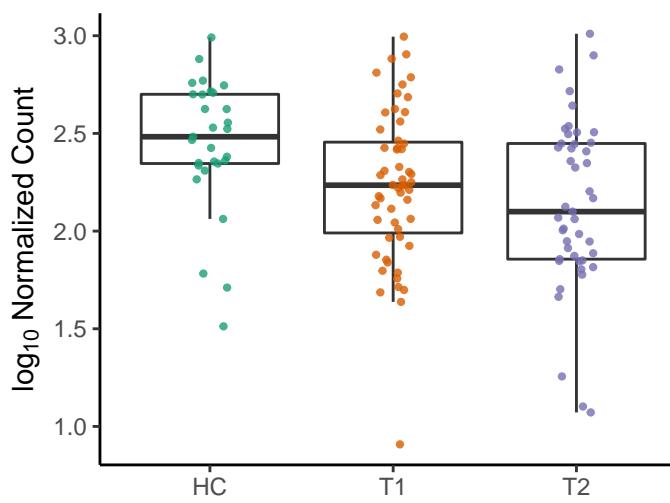
### Desulfatibacillum

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.79



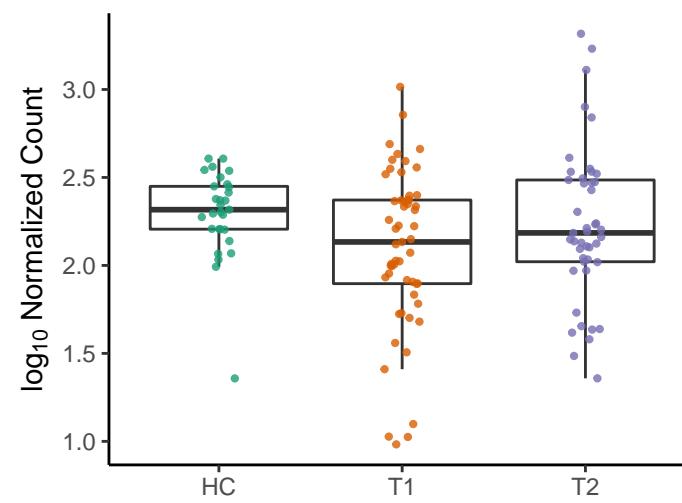
### Hathewaya

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



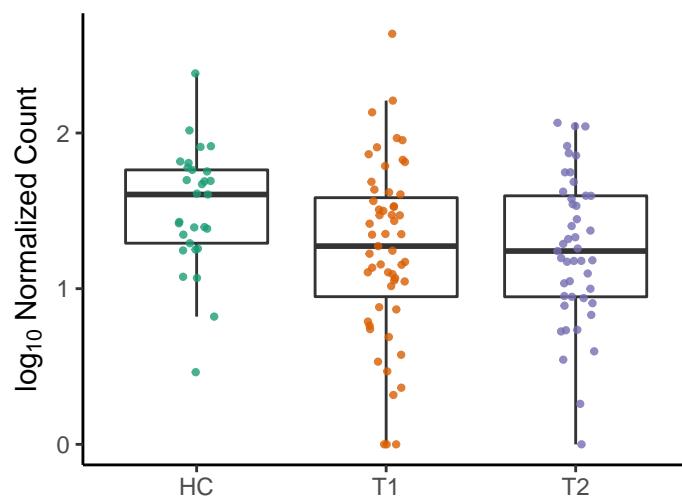
### Natrinema

non-ED vs. T1 adjusted p = 0.023  
non-ED vs. T2 adjusted p = 0.45  
T1 vs. T2 adjusted p = 0.79



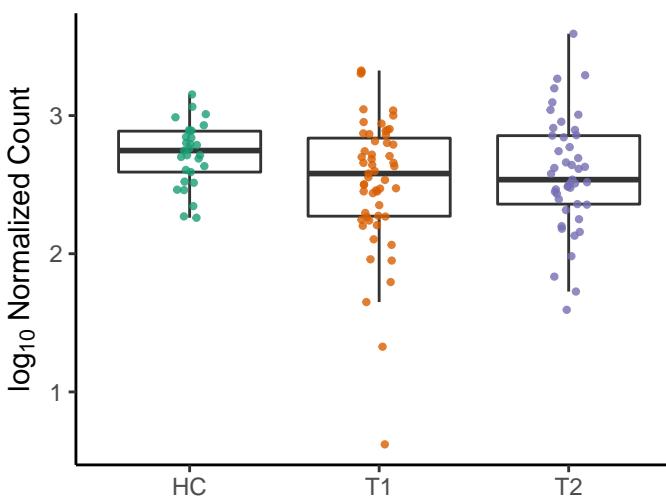
### Unclassified Thermaceae Family

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.92



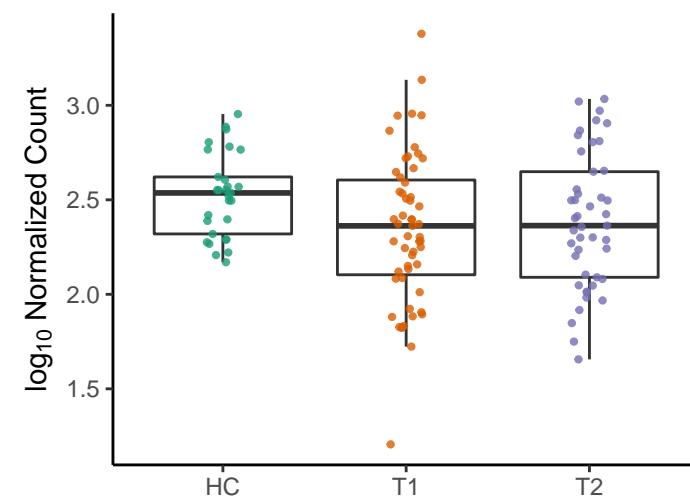
### Microlunatus

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.79



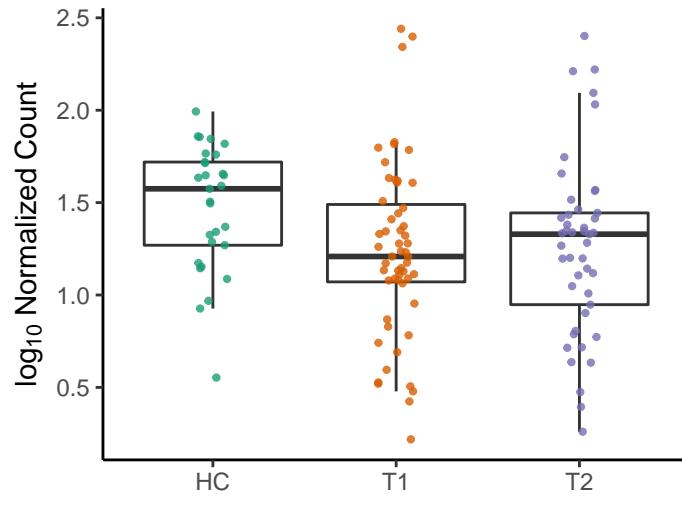
### Sodalis

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.79



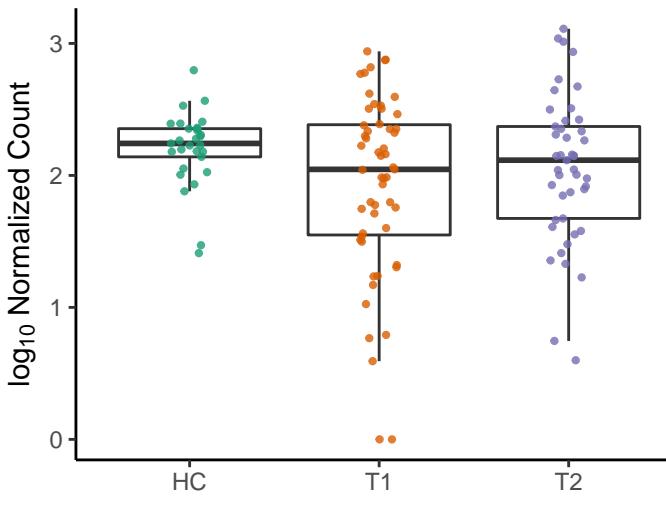
### Candidatus Nitrosotalea

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.96



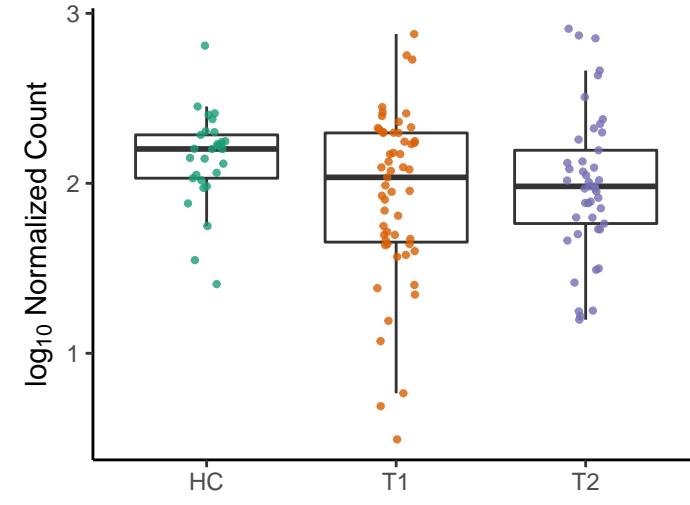
### Modestobacter

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.79



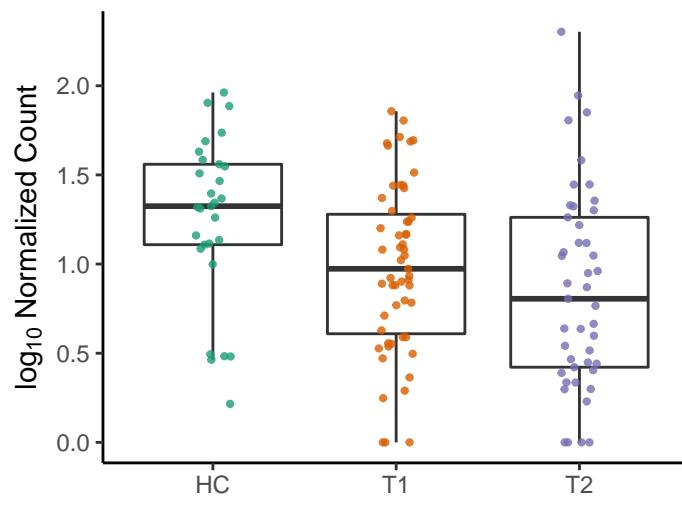
### Ammonifex

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.79



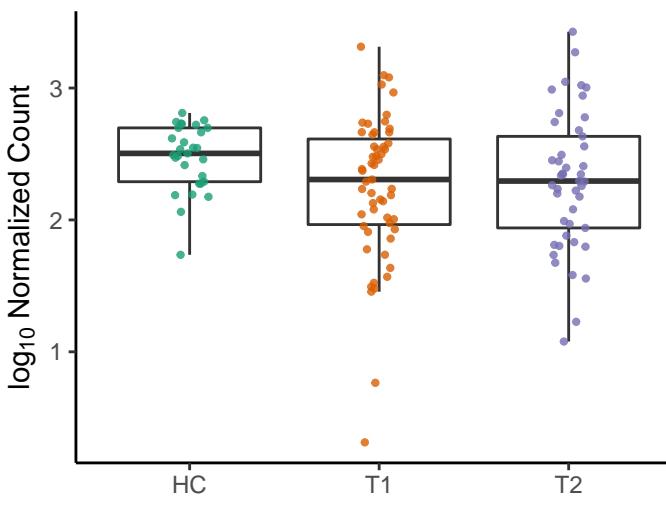
### Ichthyobacterium

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



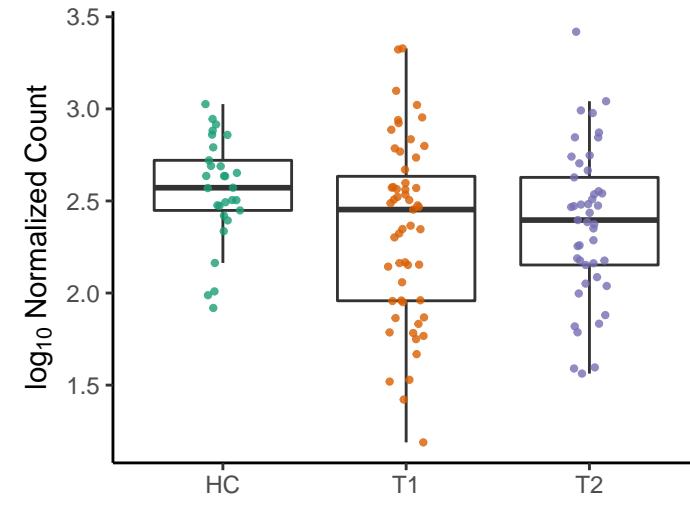
### Minicystis

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.8



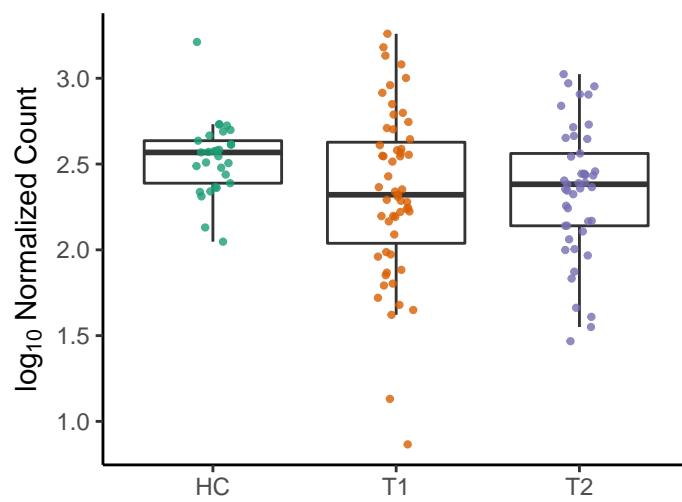
### Leucobacter

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.8



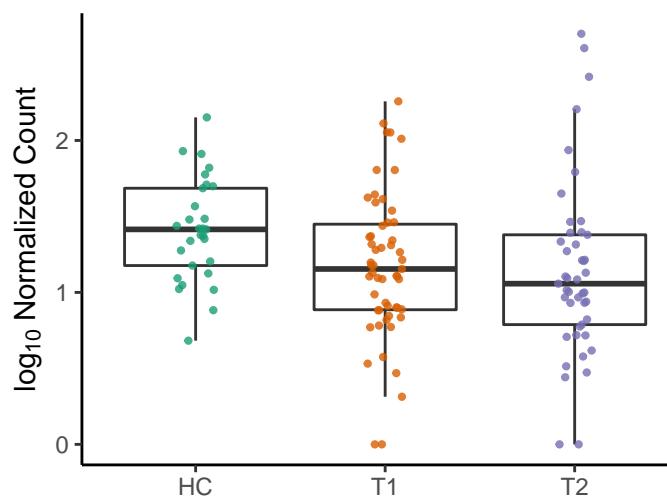
### Unclassified Verrucomicrobia Phylum

non-ED vs. T1 adjusted p = 0.024  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.91



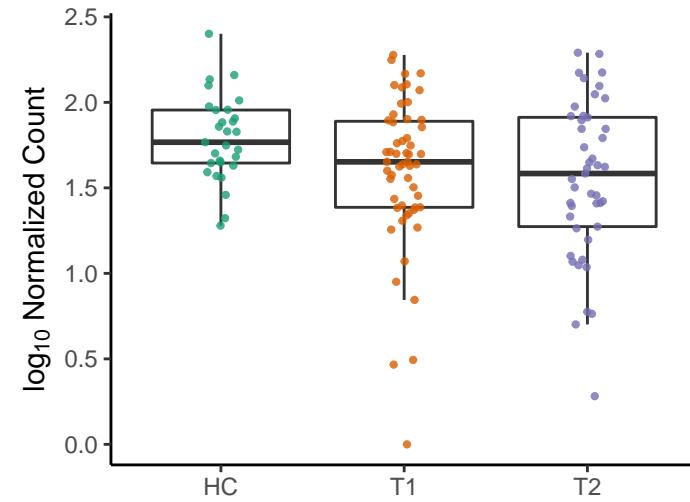
### Halostagnicola

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.99



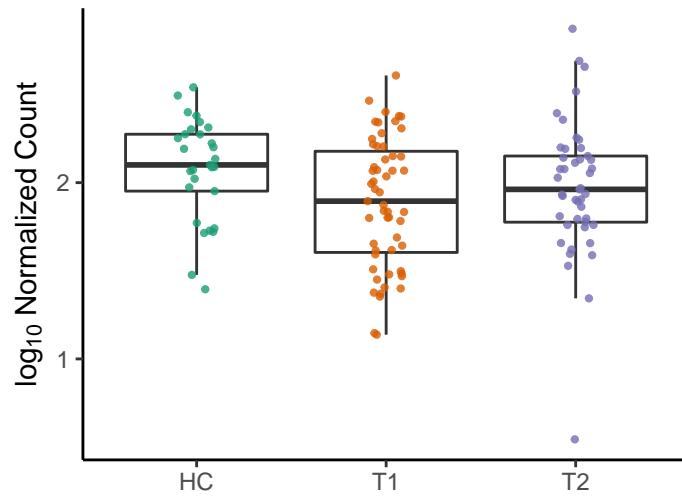
### Sulfuriflexus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.94



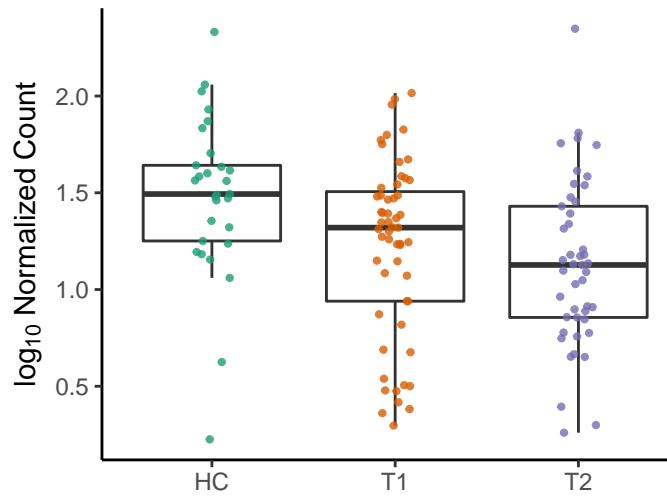
### Fischerella

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.79



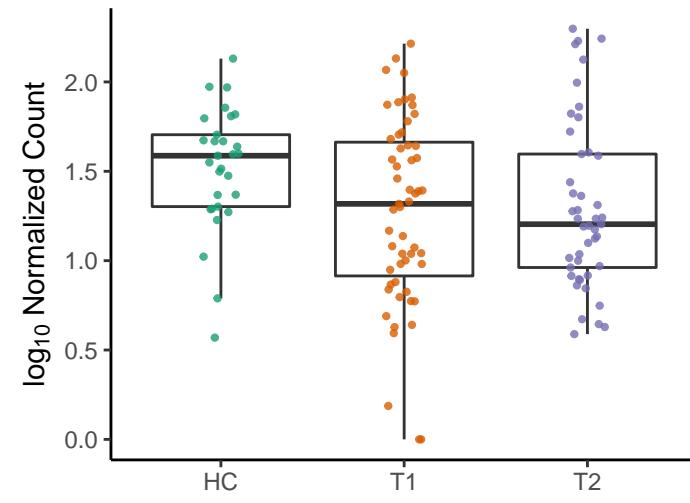
### Aciduliprofundum

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.0092  
T1 vs. T2 adjusted p = 0.79



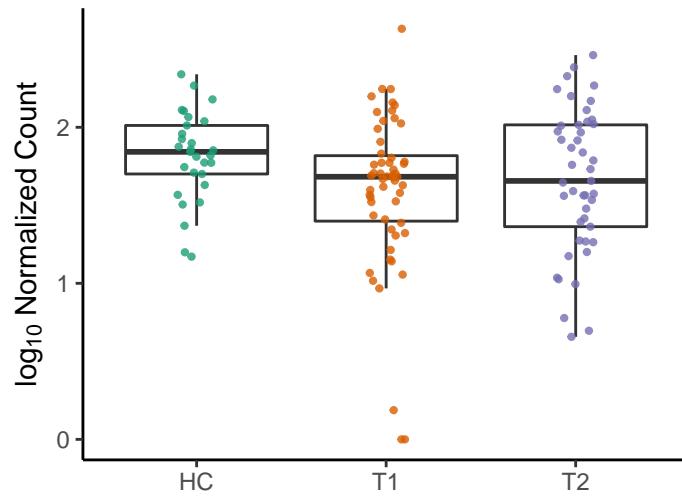
### Methanothermococcus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.92



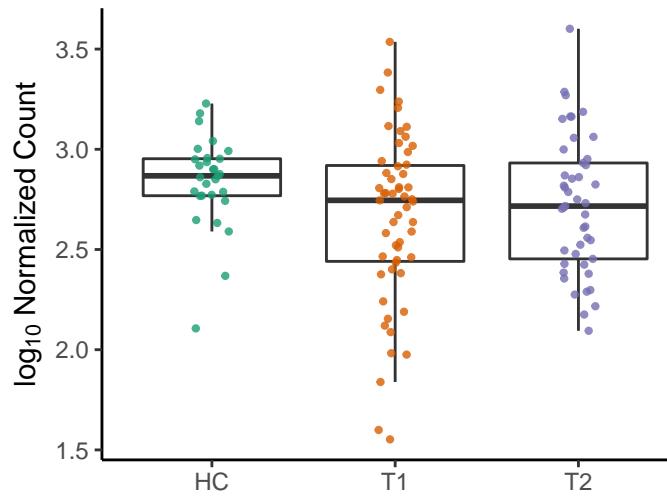
### Rippkaea

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.8



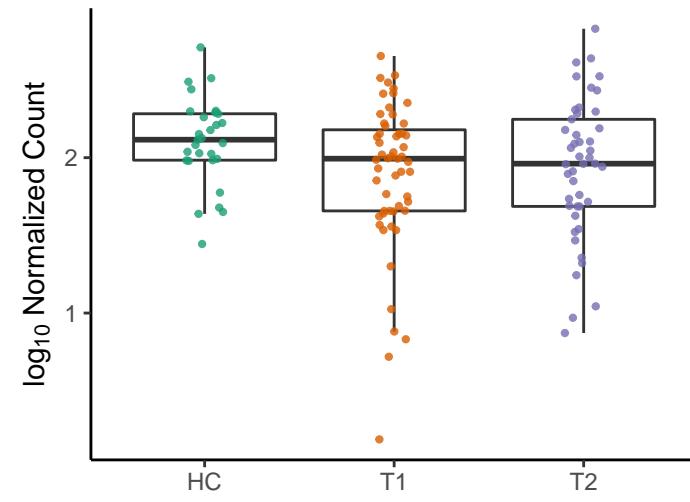
### Moorella

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



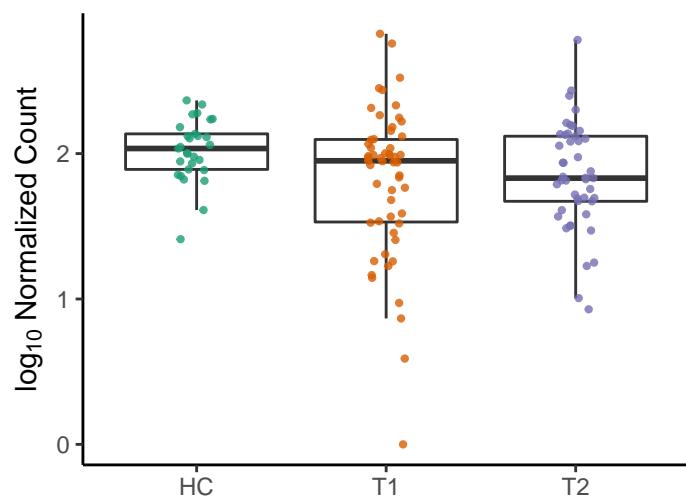
### Mobilicoccus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.79



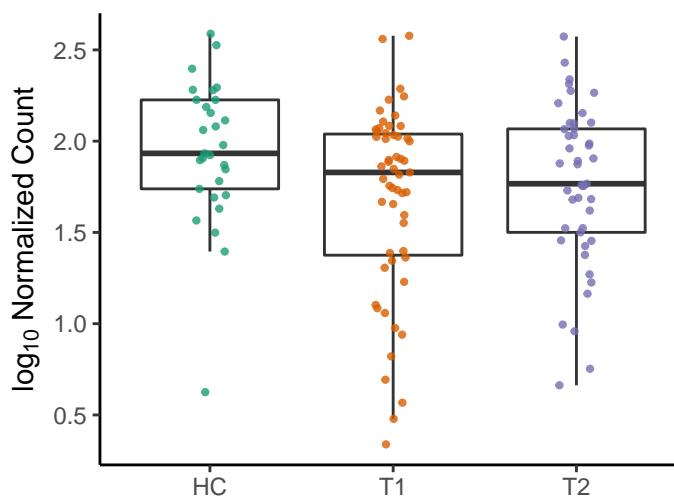
### Candidatus Cyclonatronum

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.83



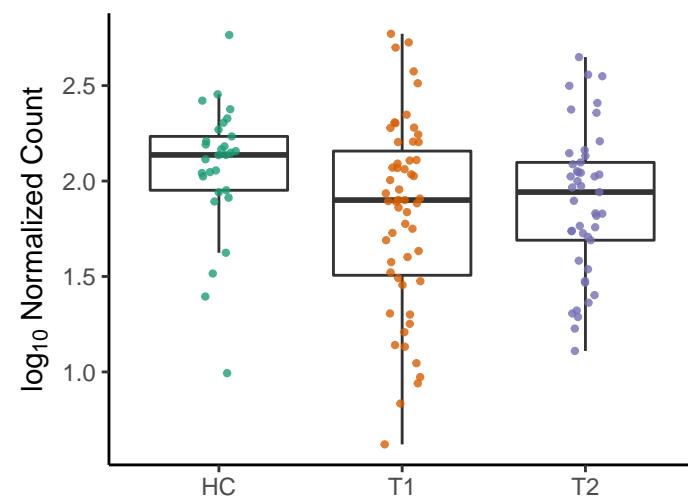
### Unclassified Chitinophagaceae Family

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.8



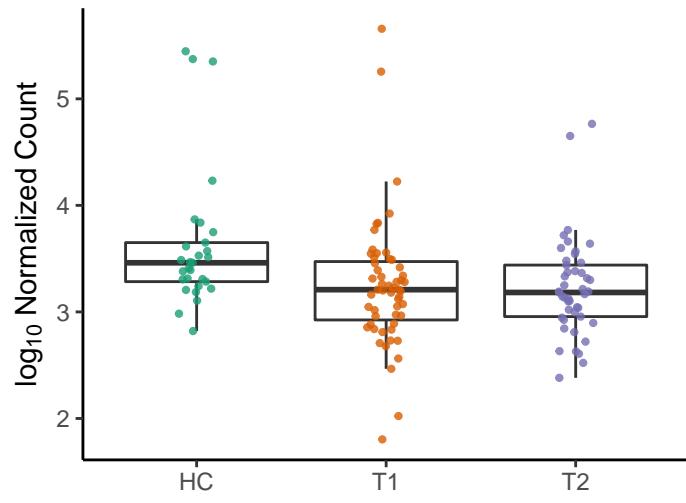
### Unclassified Xanthomonadales Order

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.79



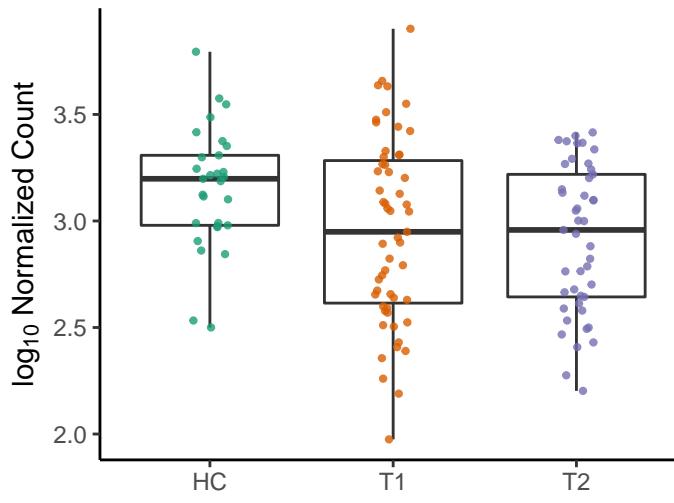
### Acidaminococcus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



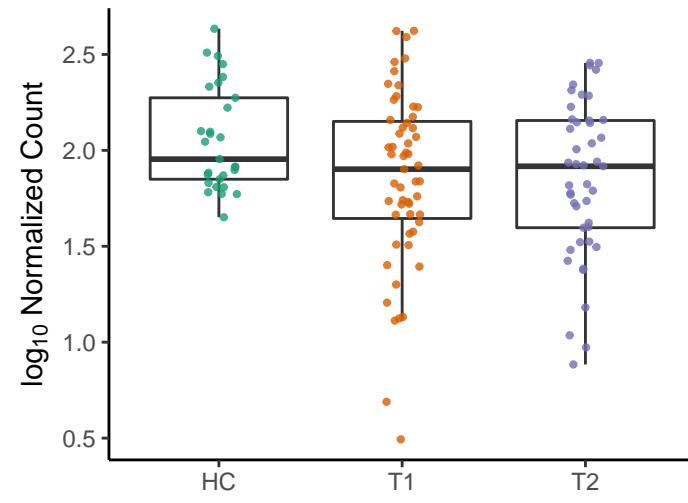
### Unclassified Peptostreptococcaceae Fa

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.8



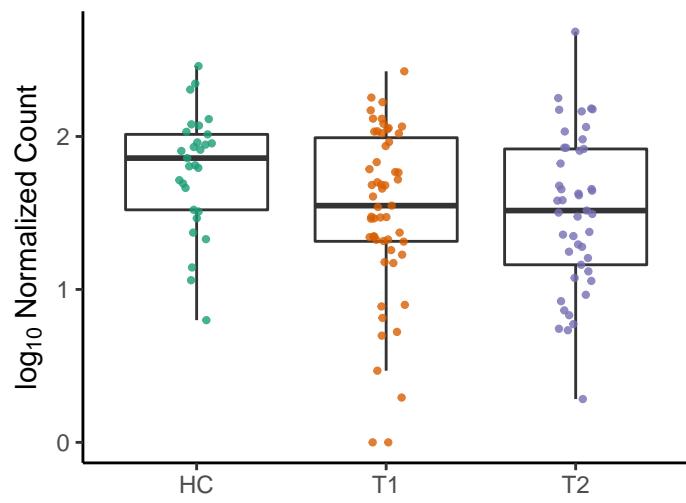
### Methylococcus

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.85



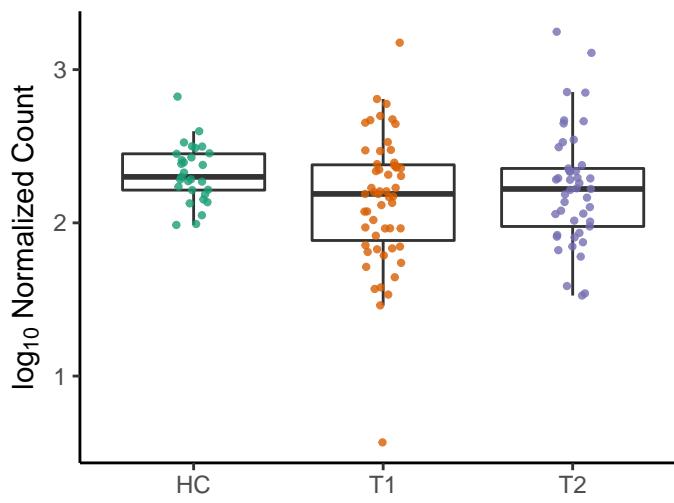
### Microcella

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 1



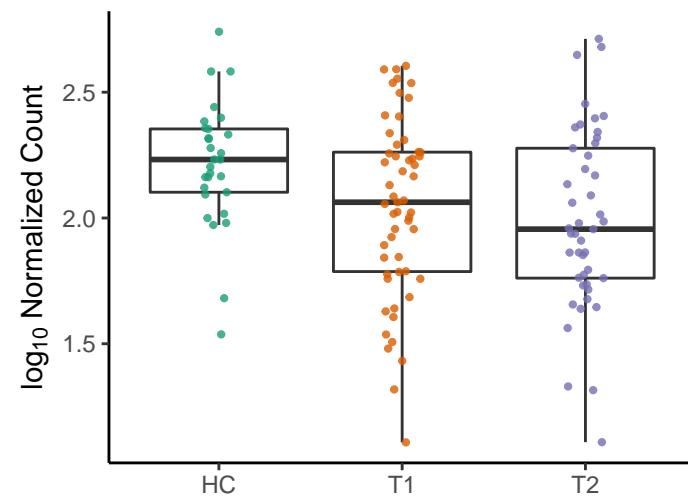
### Pelolinea

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



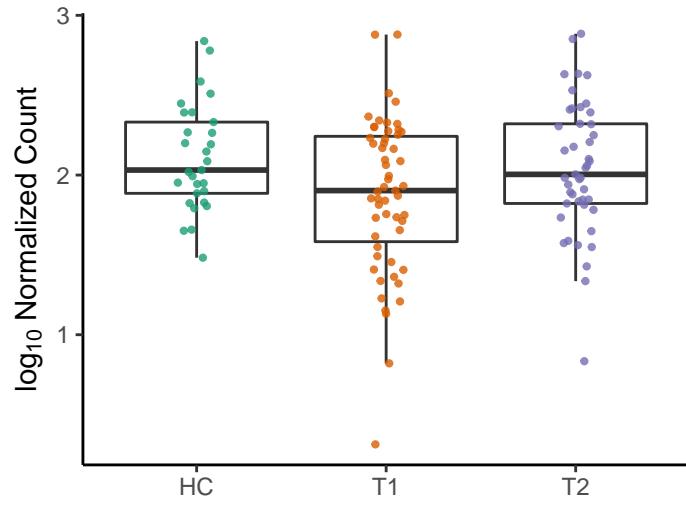
### Dokdonia

non-ED vs. T1 adjusted p = 0.025  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.8



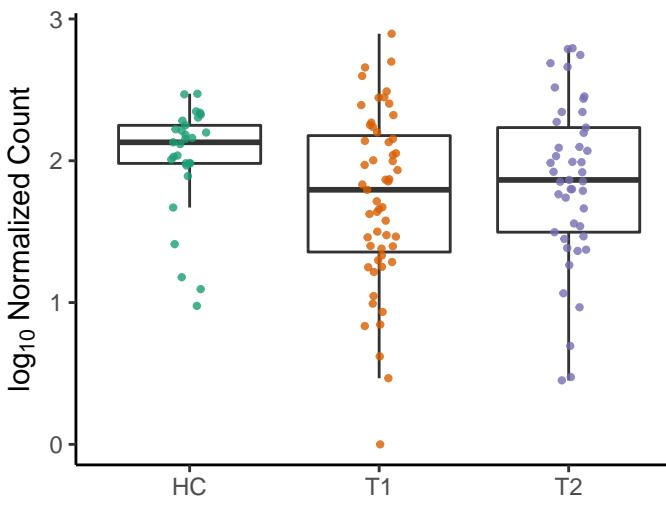
### *Halorhabdus*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.51  
 T1 vs. T2 adjusted p = 0.79



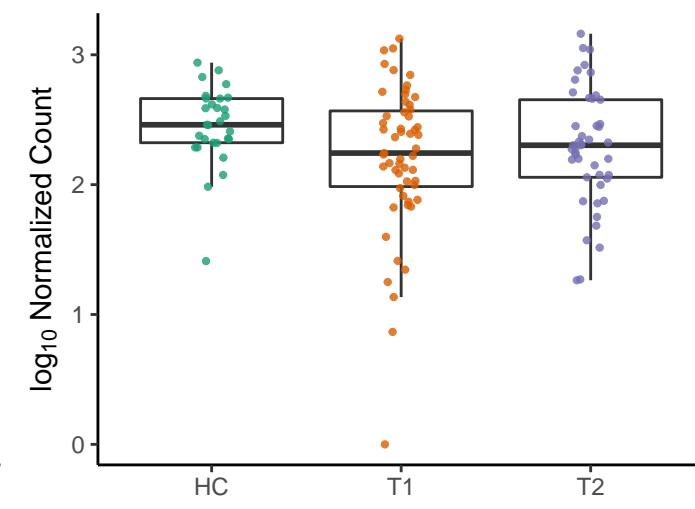
### *Gryllohalicola*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.19  
 T1 vs. T2 adjusted p = 0.79



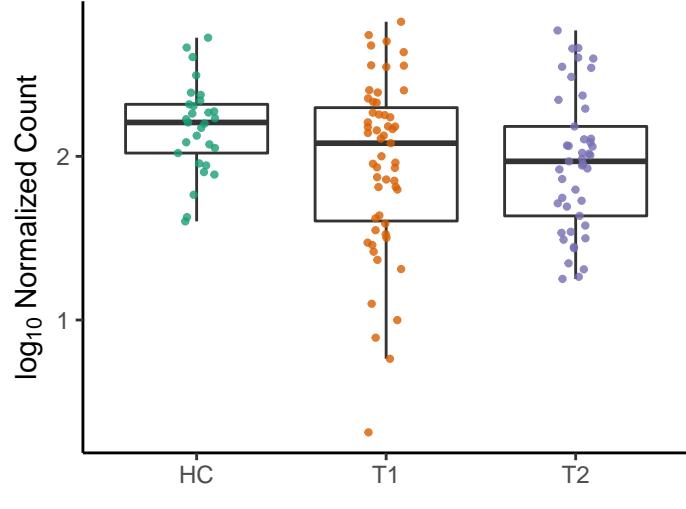
### *Micrococcus*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.092  
 T1 vs. T2 adjusted p = 0.79



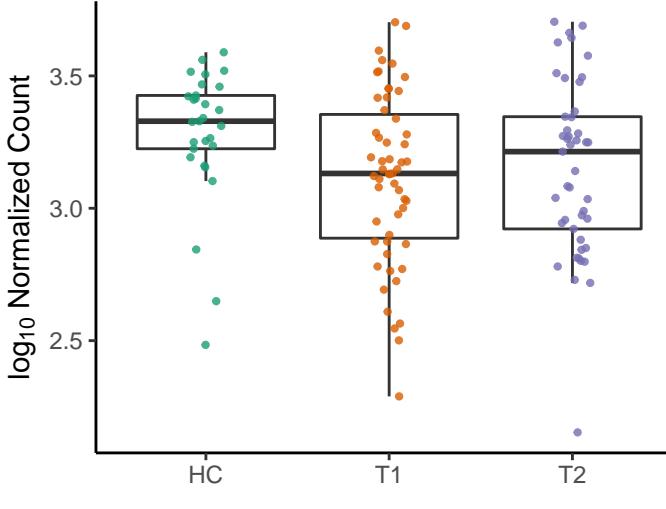
### *Castellaniella*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.026  
 T1 vs. T2 adjusted p = 0.92



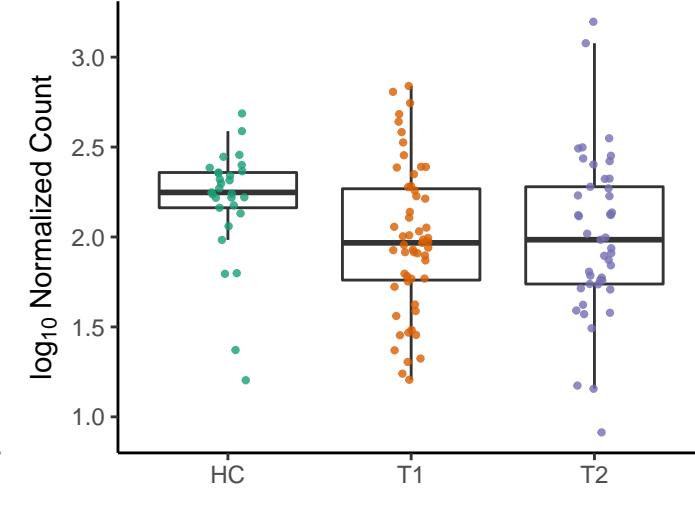
### *Hungateiclostridium*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.86



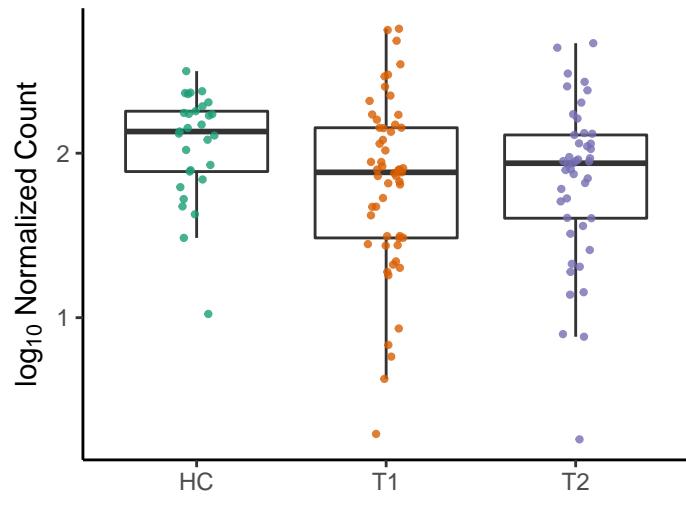
### *Kazachstania*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 1



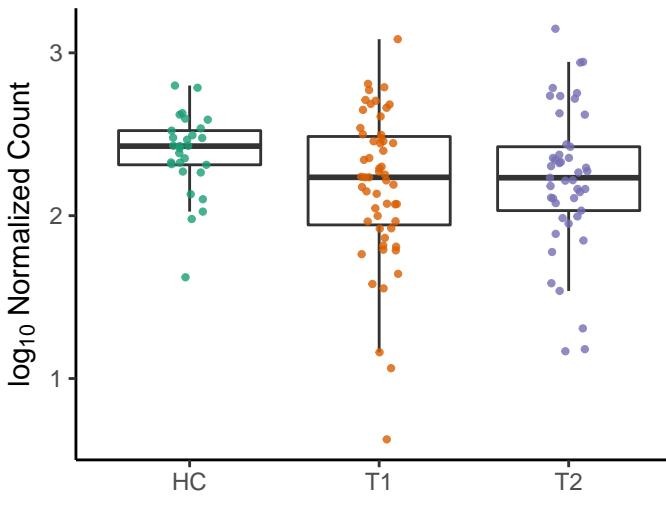
### *Truepera*

non-ED vs. T1 adjusted p = 0.025  
 non-ED vs. T2 adjusted p = 0.046  
 T1 vs. T2 adjusted p = 0.9



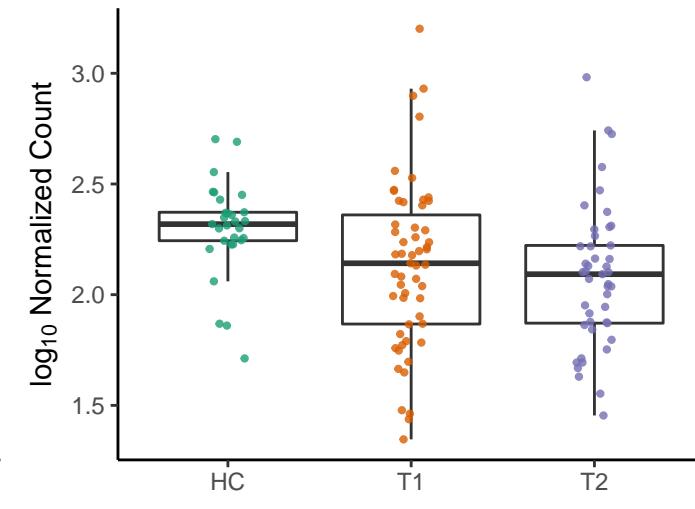
### *Hyphomonas*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.078  
 T1 vs. T2 adjusted p = 0.85



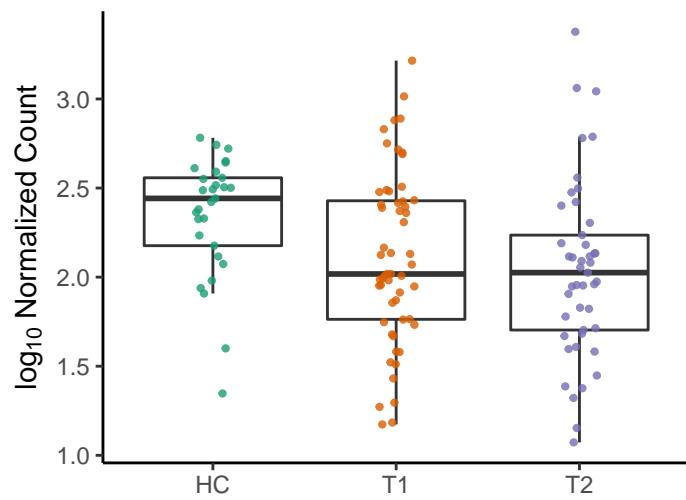
### *Advenella*

non-ED vs. T1 adjusted p = 0.026  
 non-ED vs. T2 adjusted p = 0.0085  
 T1 vs. T2 adjusted p = 0.99



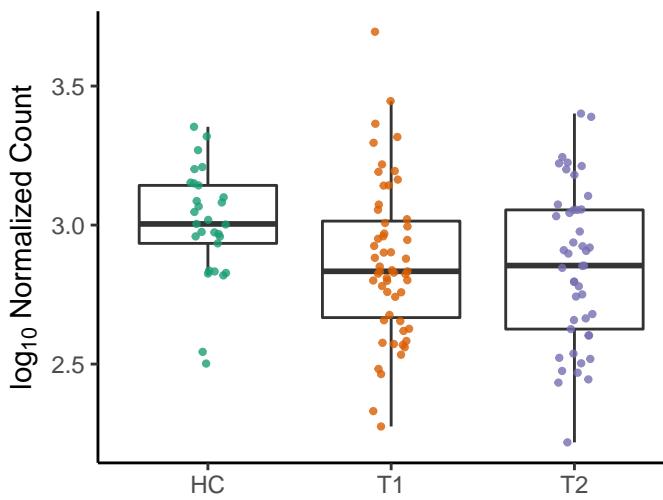
### Glaciecola

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



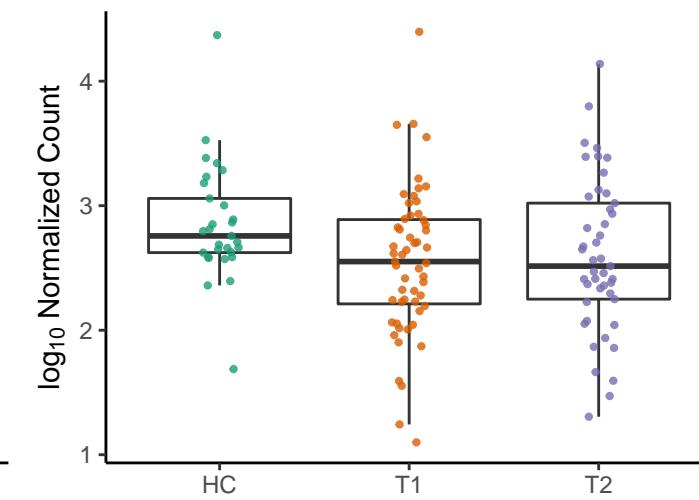
### Yersinia

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.9



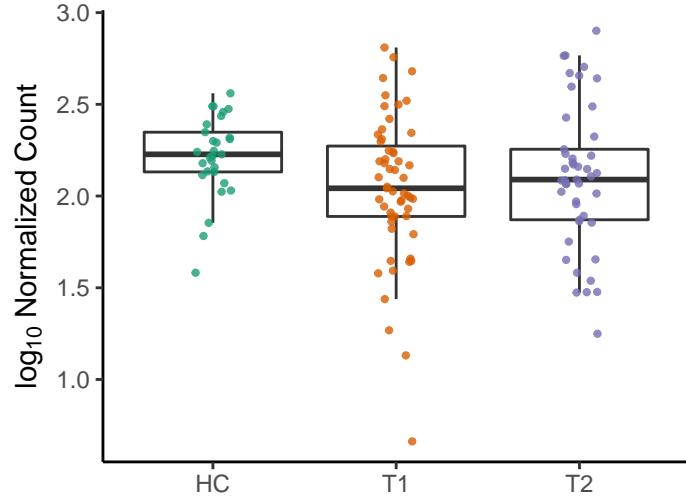
### Coriobacterium

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.79



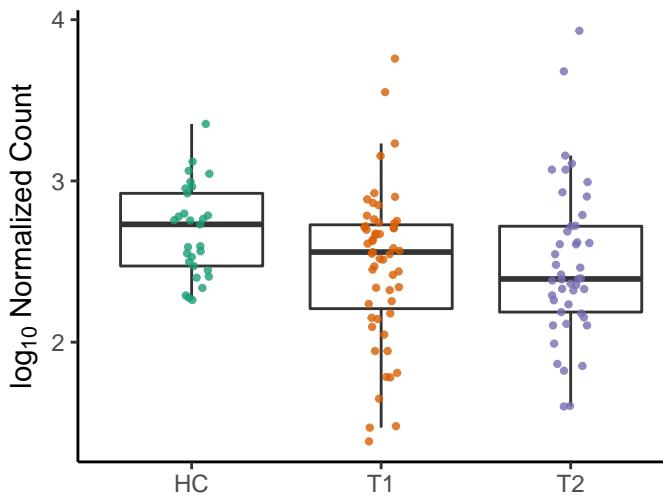
### Raineyella

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.79



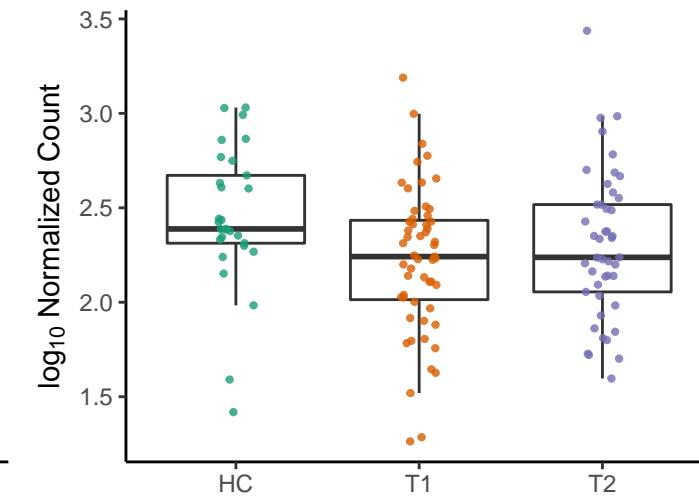
### Sutterella

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.92



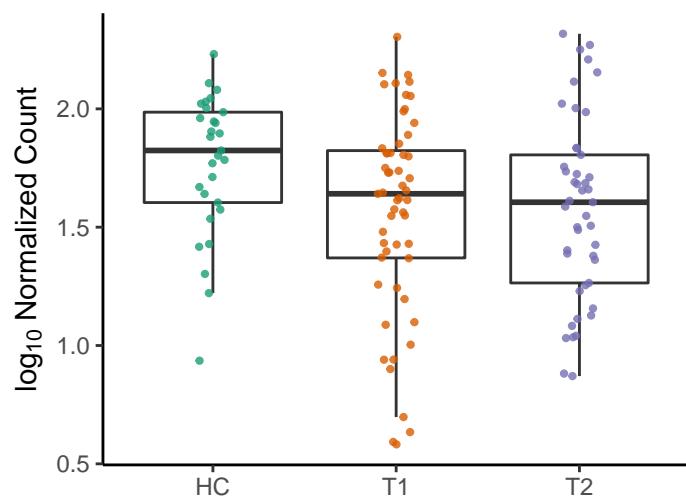
### Thermincola

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.79



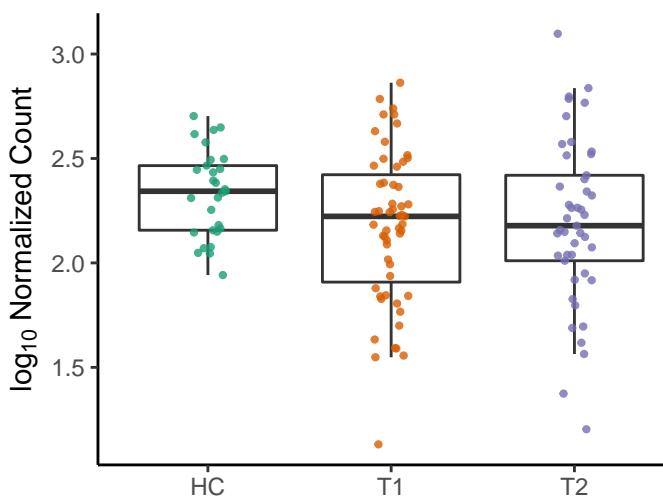
### Lonsdalea

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.93



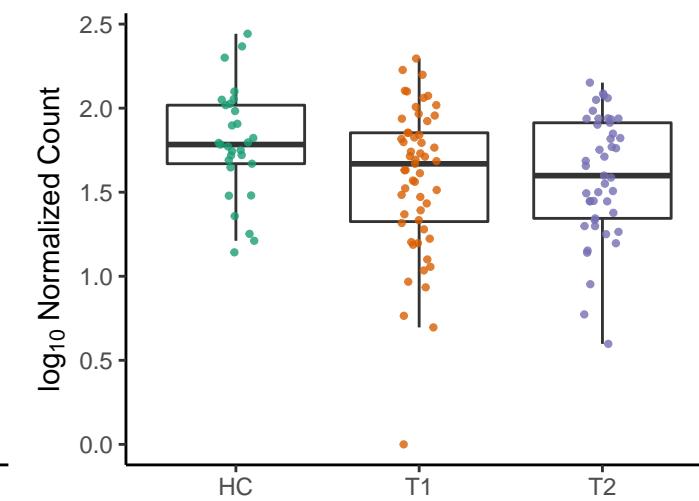
### Syntrophobacter

non-ED vs. T1 adjusted p = 0.026  
non-ED vs. T2 adjusted p = 0.086  
T1 vs. T2 adjusted p = 0.86



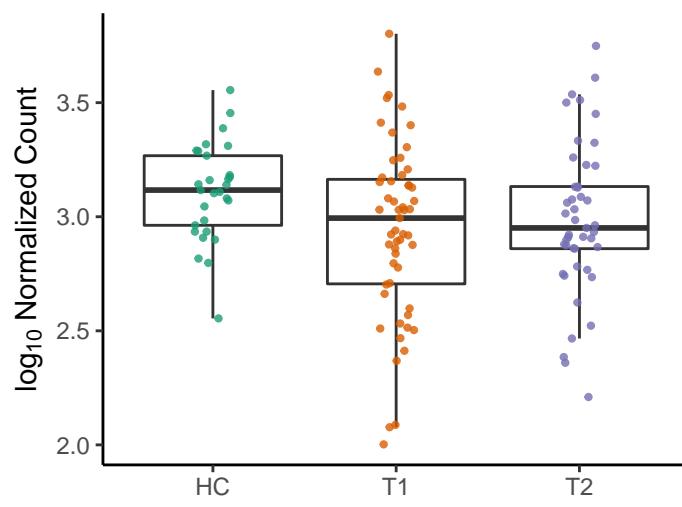
### Athalassotoga

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.94



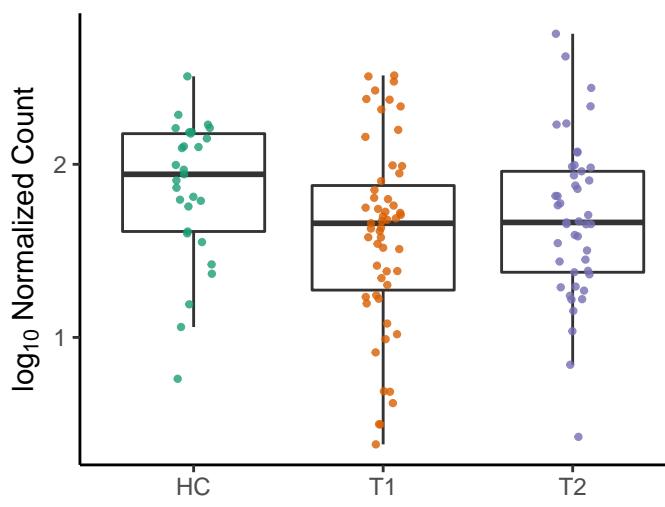
### Brevundimonas

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.79



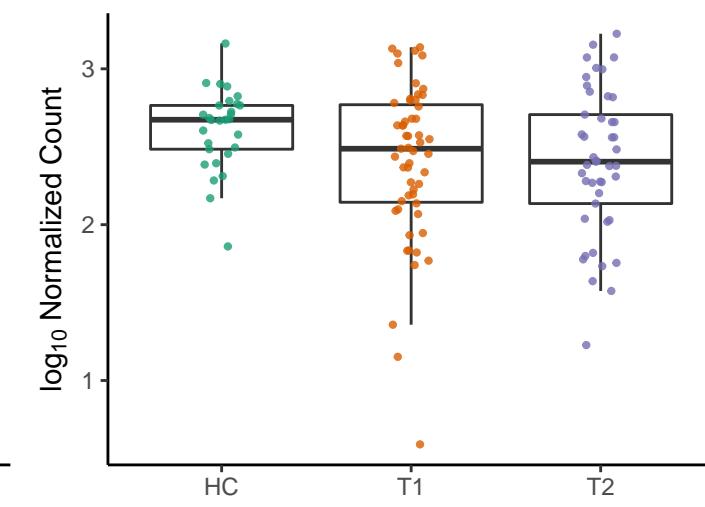
### Candidatus Phaeomarinobacter

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



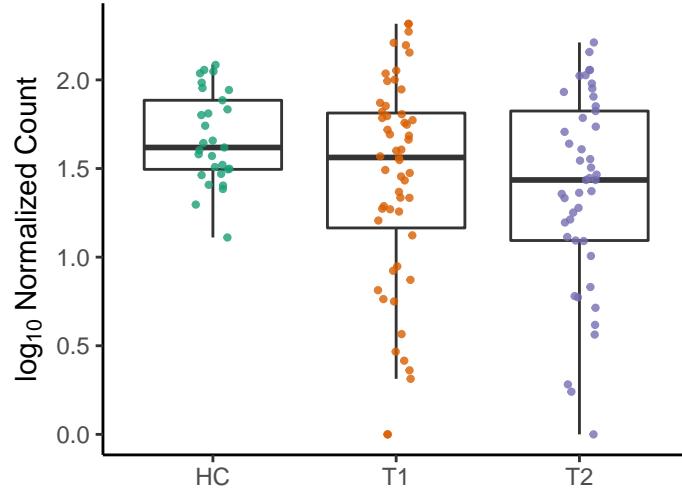
### Curtobacterium

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.92



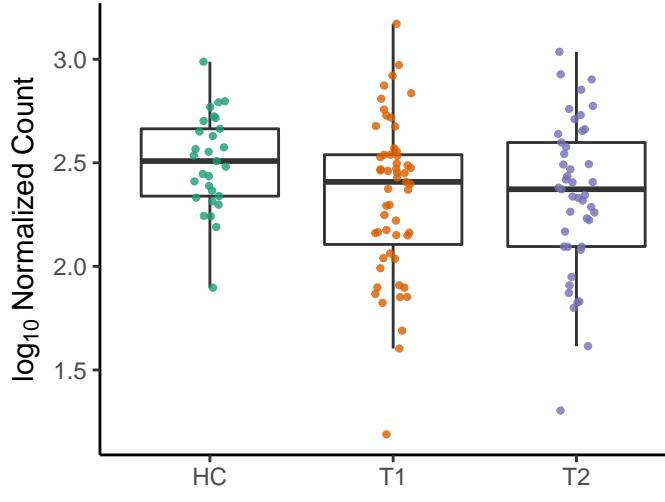
### Unclassified Neisseriales Order

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.91



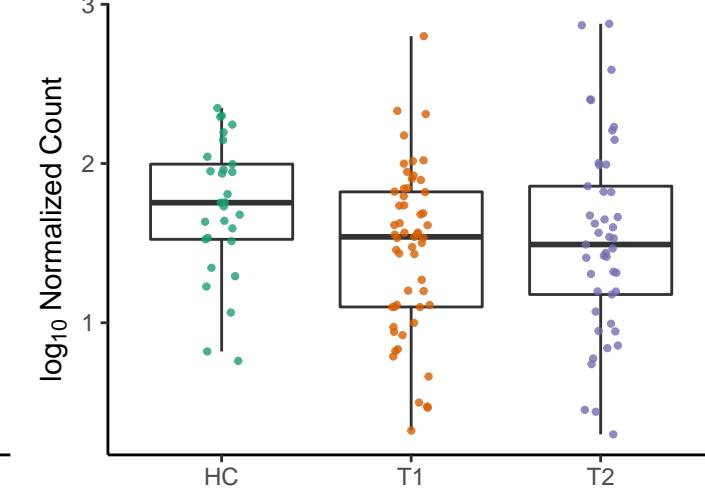
### Ruegeria

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.83



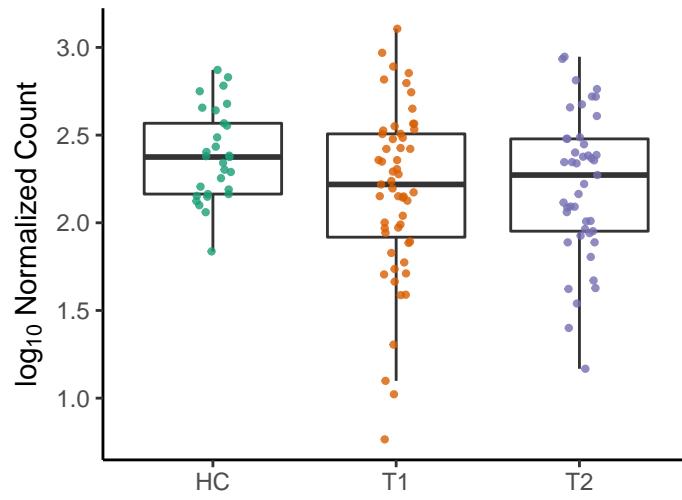
### Lysinimonas

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.83



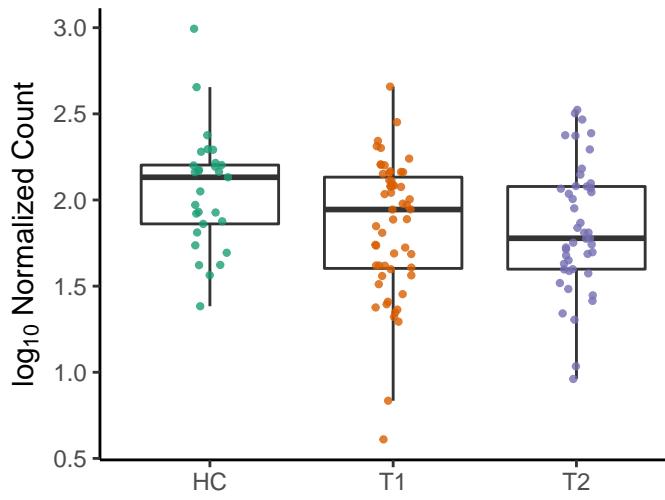
### Thermaanaerobacter

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.8



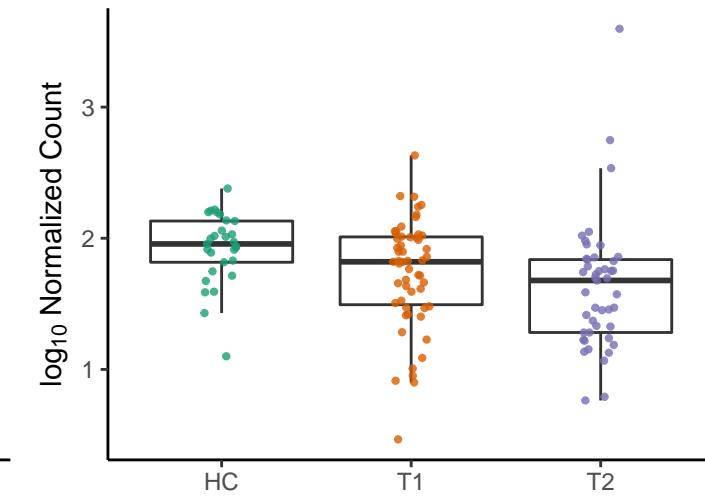
### Suicoccus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.93



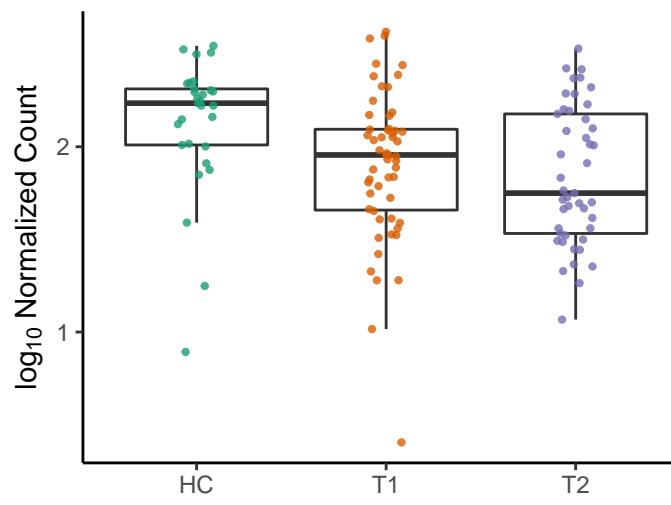
### Unclassified Oceanospirillales Order

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.79



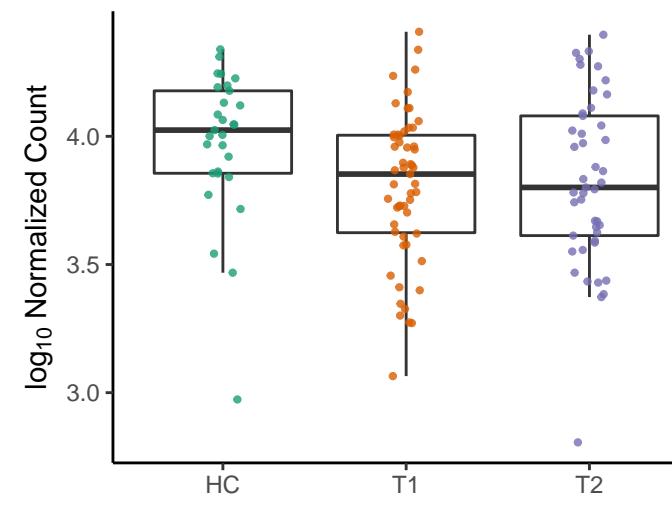
### Sulfolobus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



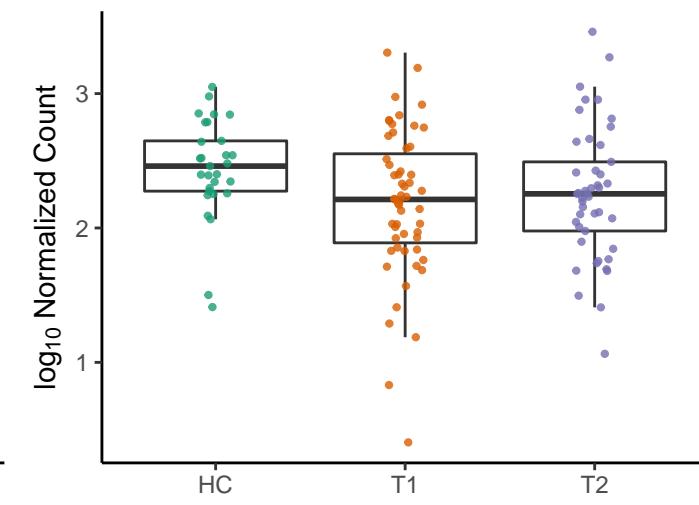
### Butyrivibrio

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.08  
T1 vs. T2 adjusted p = 0.85



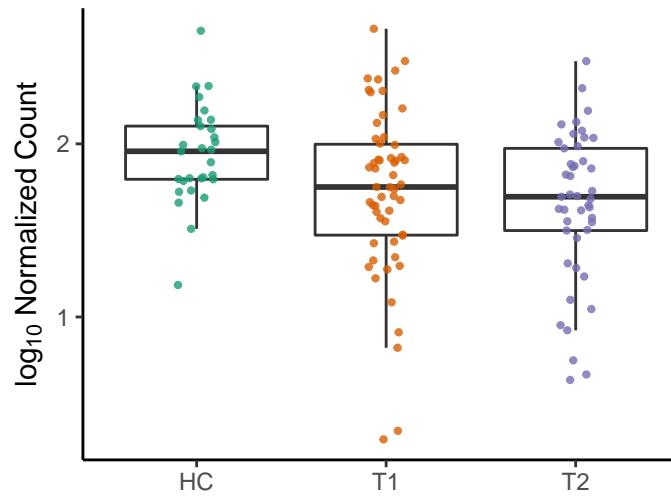
### Cellulosimicrobium

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.098  
T1 vs. T2 adjusted p = 0.8



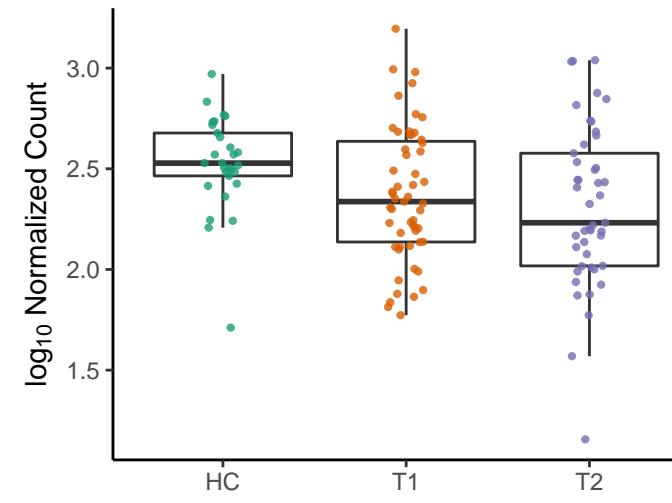
### Halotalea

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.0088  
T1 vs. T2 adjusted p = 0.82



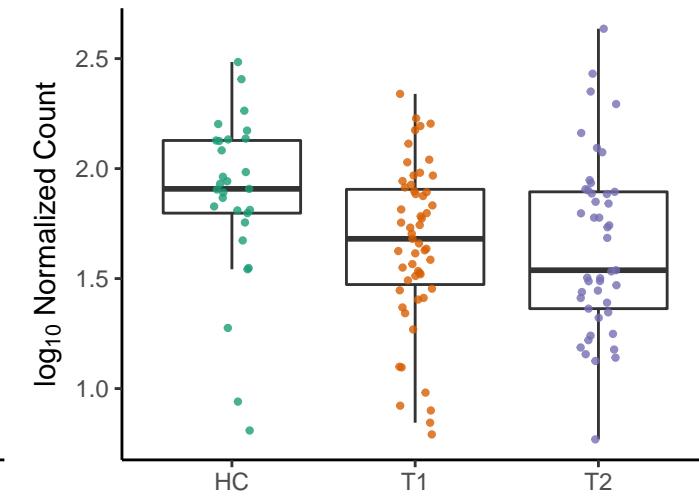
### Methanococcus

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.85



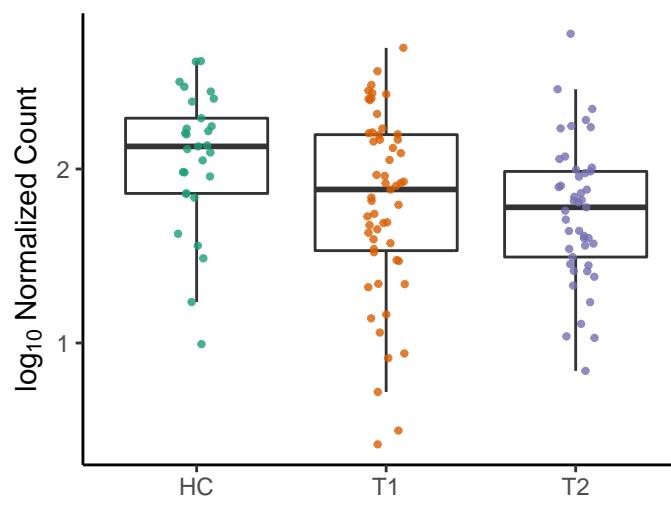
### Rivularia

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.9



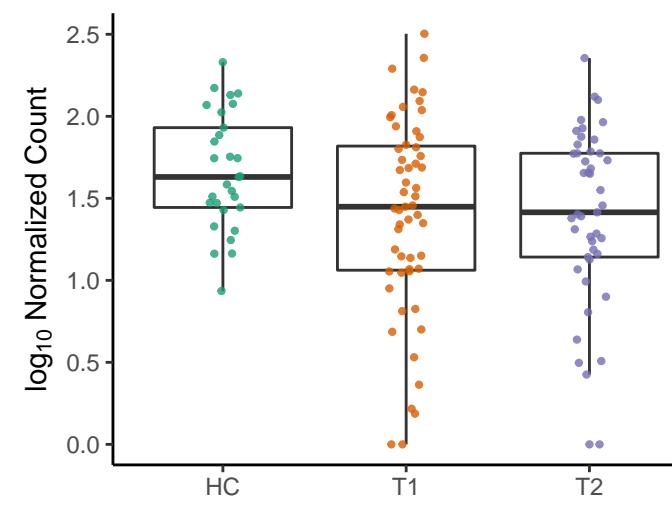
### Aquabacterium

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.012  
T1 vs. T2 adjusted p = 0.82



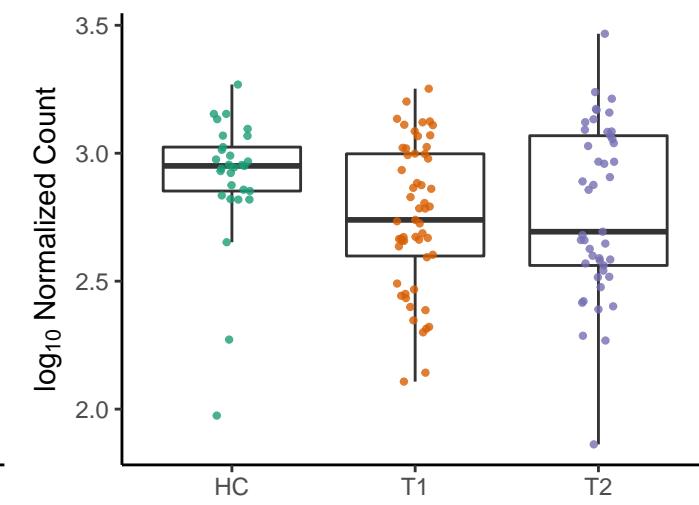
### Unclassified Acidobacteriaceae Family

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.99



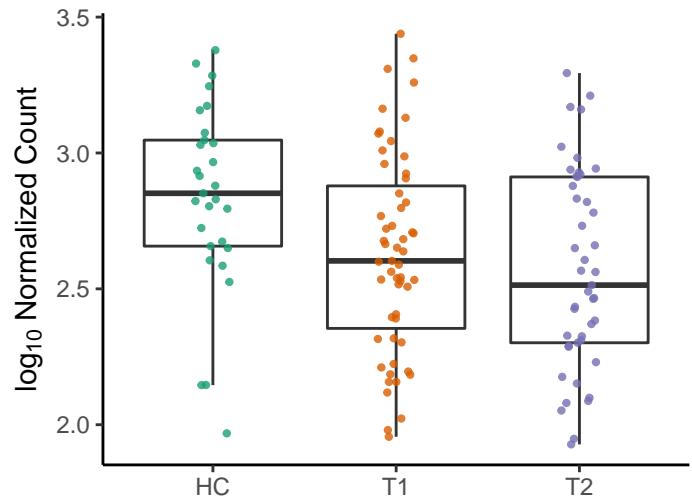
### Calothrix

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.9



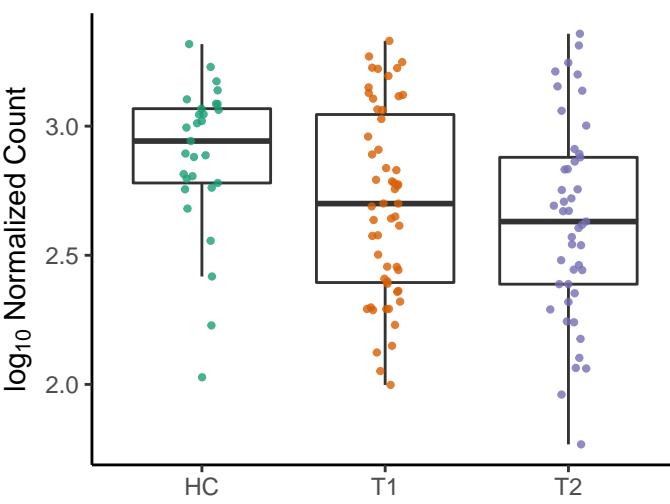
### Buchnera

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.8



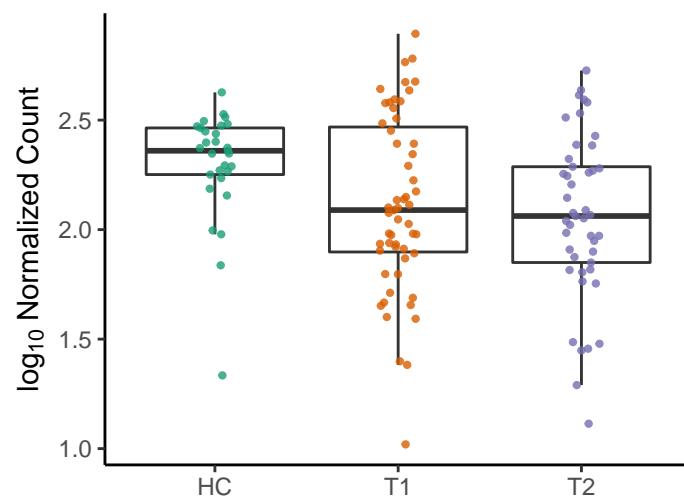
### Brachyspira

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



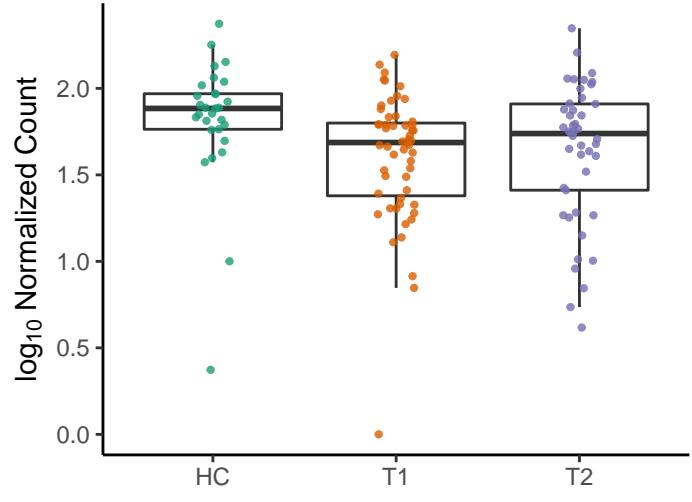
### Unclassified Tissierellaceae Family

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



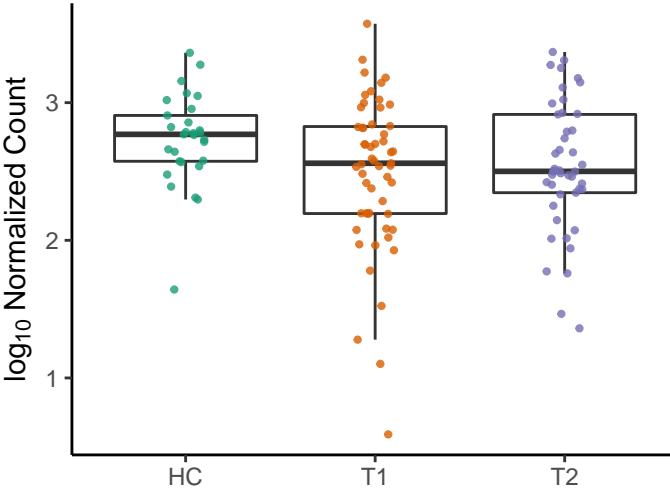
### Unclassified Microcoleaceae Family

non-ED vs. T1 adjusted p = 0.027  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.85



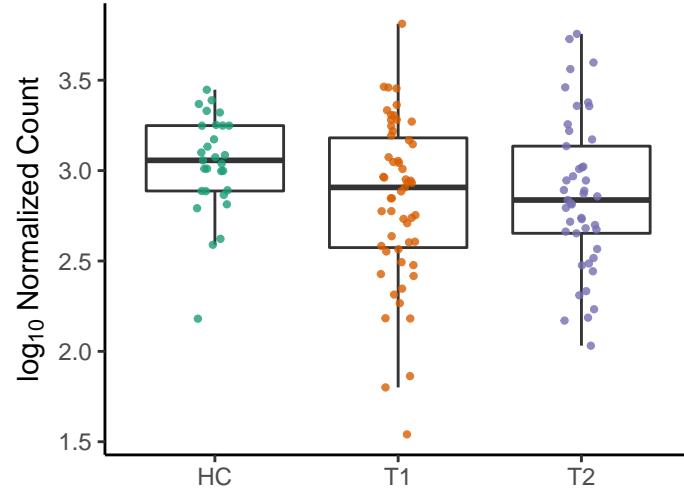
### Saccharothrix

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.065  
T1 vs. T2 adjusted p = 0.79



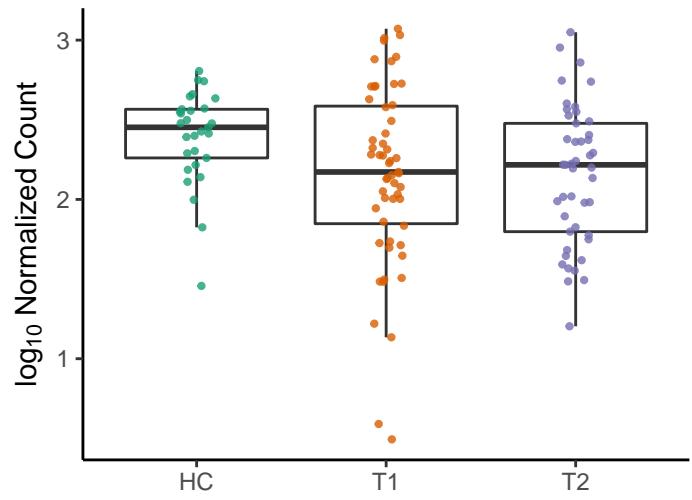
### Frankia

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.064  
T1 vs. T2 adjusted p = 0.8



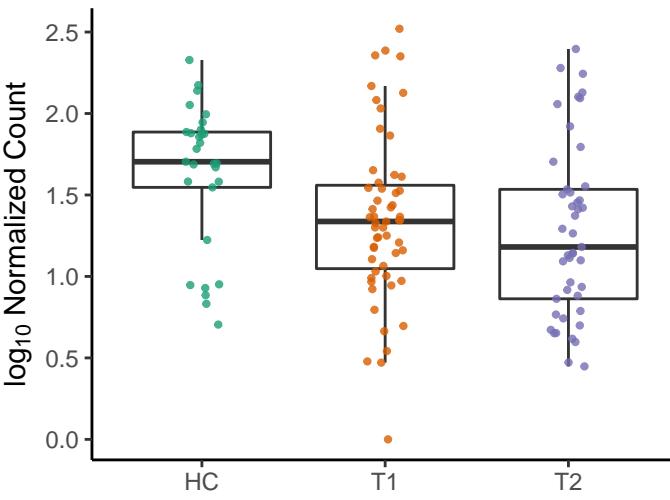
### Sandaracinus

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.91



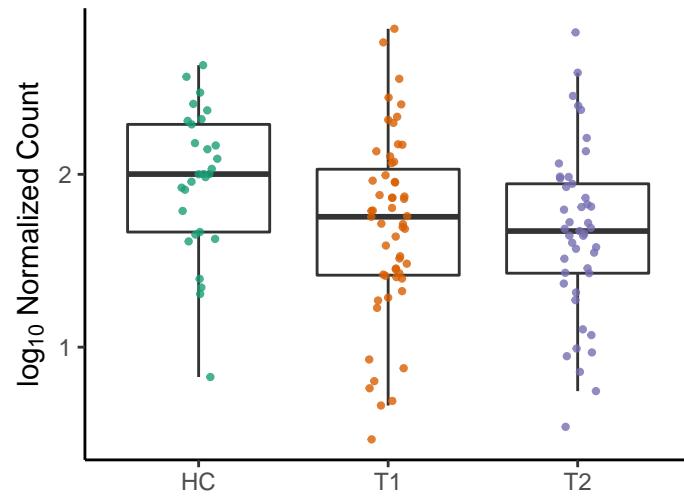
### Unclassified Pelagibacteraceae Family

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



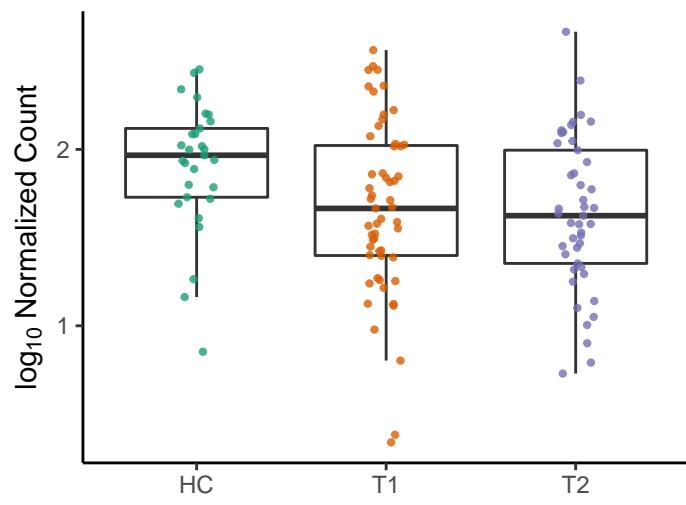
### Silicimonas

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 1



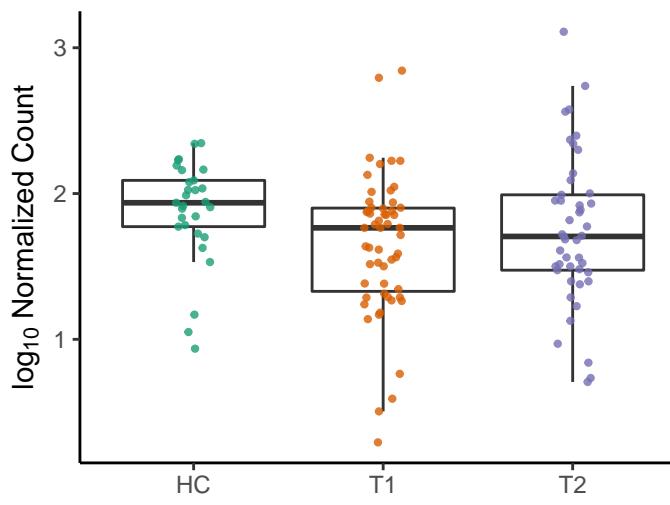
### Petrotoga

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.8



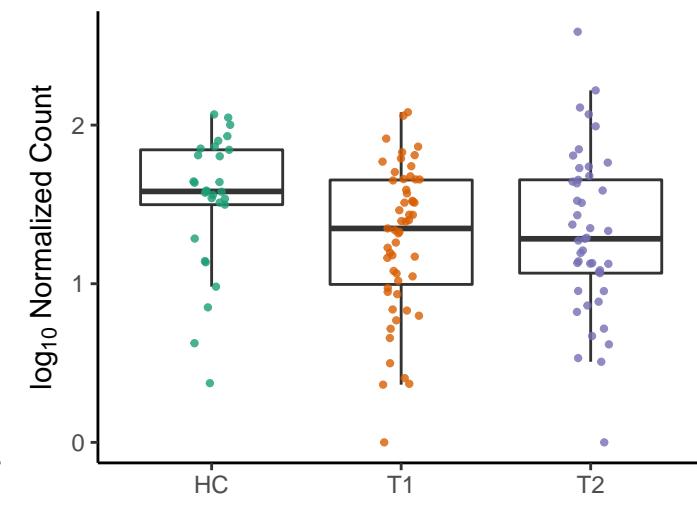
### Oligotropha

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.79



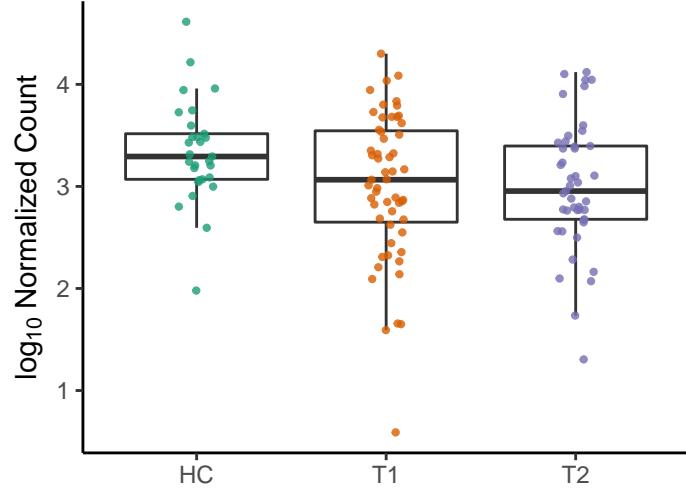
### Persephonella

non-ED vs. T1 adjusted p = 0.028  
non-ED vs. T2 adjusted p = 0.081  
T1 vs. T2 adjusted p = 0.97



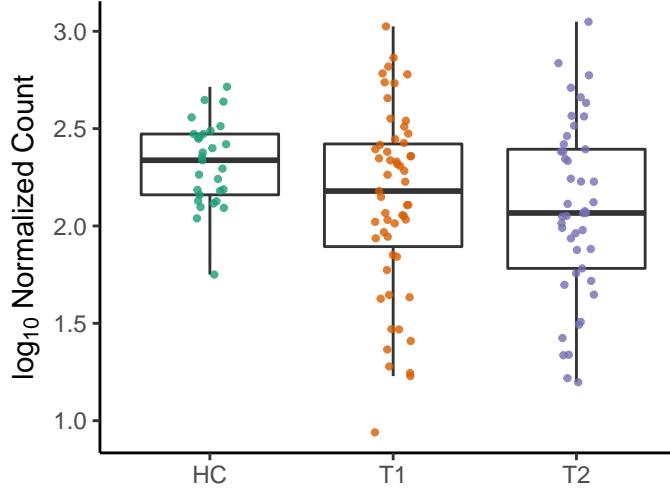
### Libanicoccus

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.033  
T1 vs. T2 adjusted p = 0.83



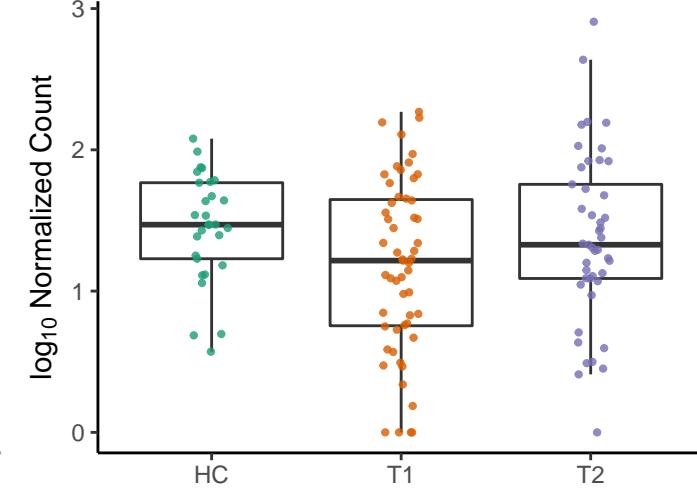
### Labilithrix

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.89



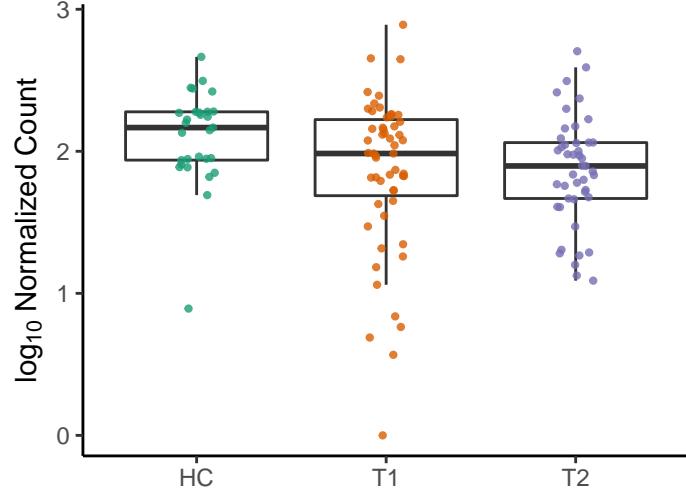
### Picrophilus

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.57  
T1 vs. T2 adjusted p = 0.79



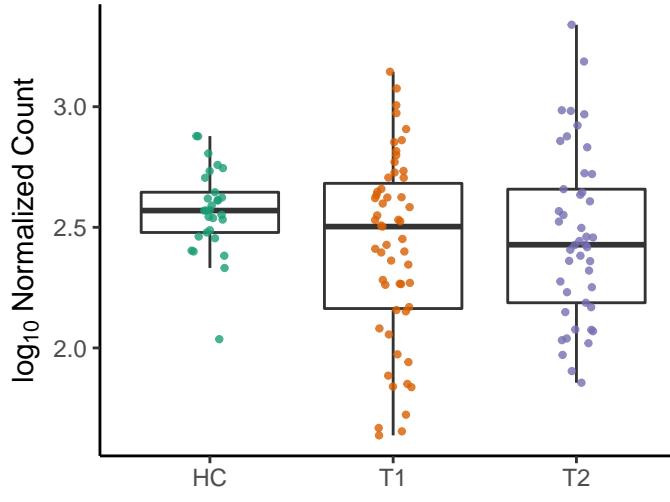
### Robiginitalea

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.97



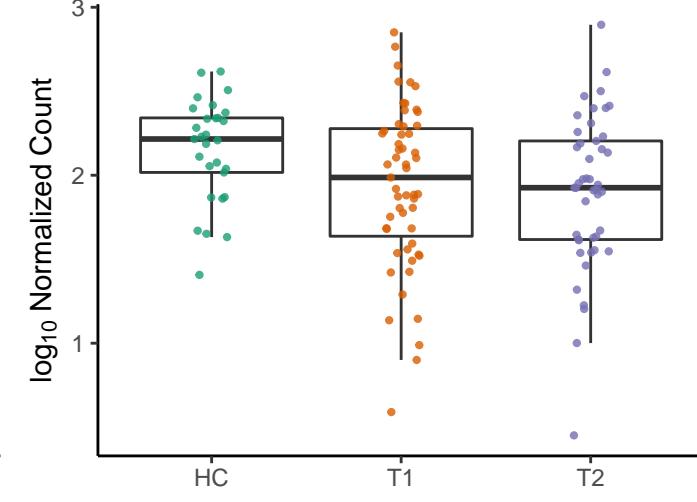
### Acidithiobacillus

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



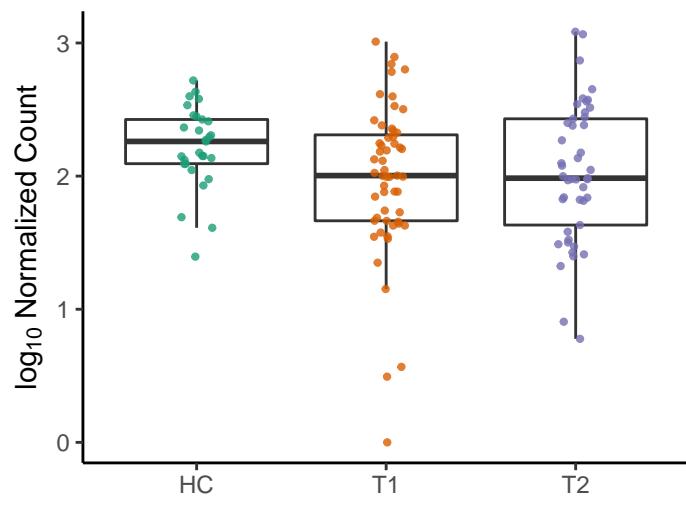
### Sulfuritortus

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.99



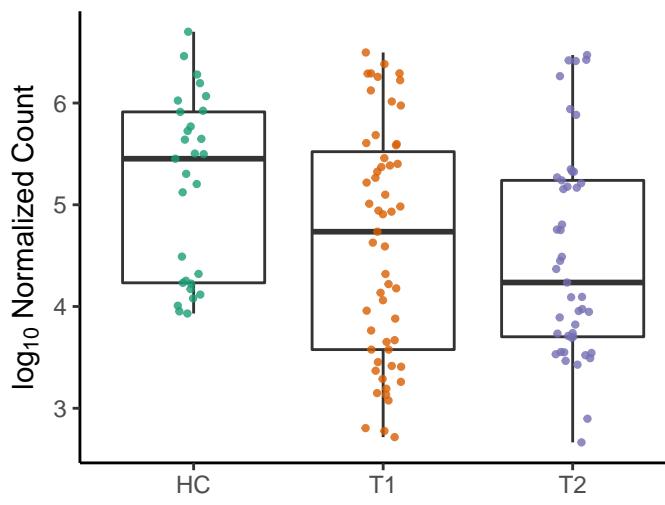
### Kribbella

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.79



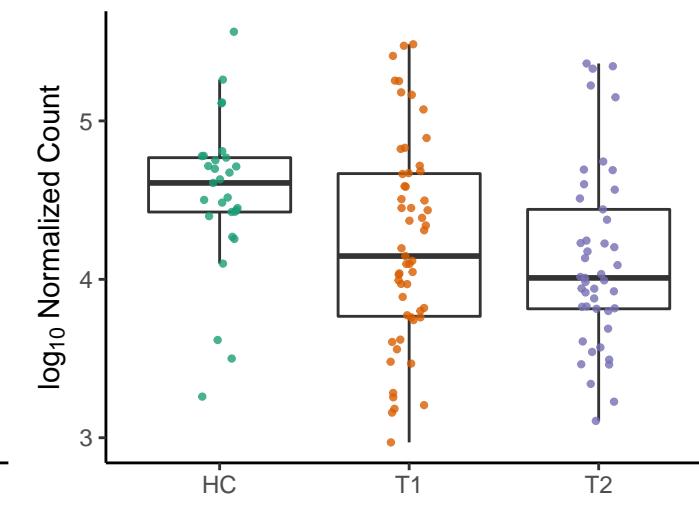
### Collinsella

non-ED vs. T1 adjusted p = 0.029  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.92



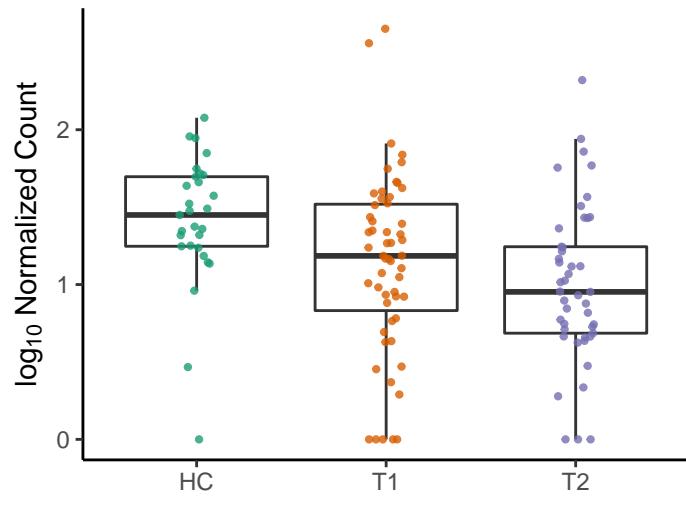
### Lachnospira

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



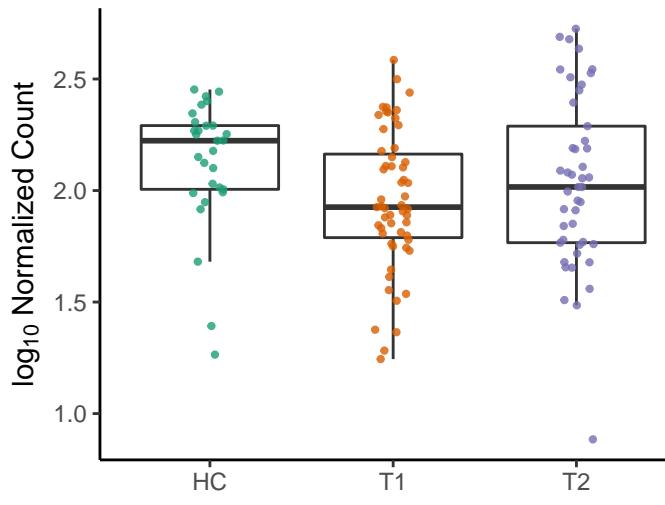
### Methanothermus

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.0061  
T1 vs. T2 adjusted p = 0.79



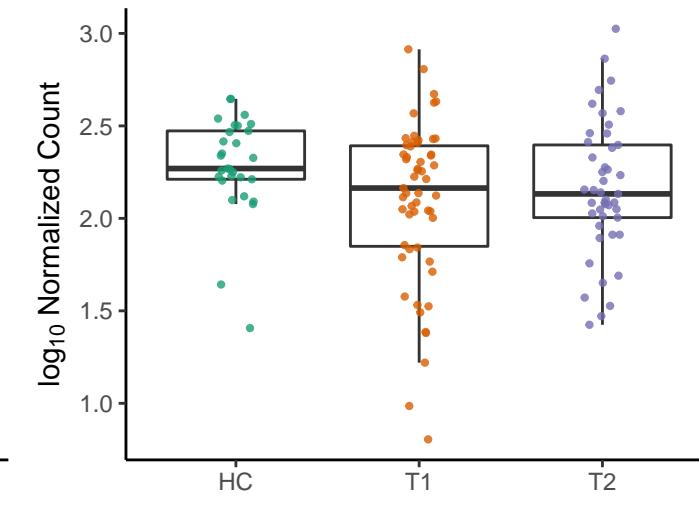
### Terribacillus

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.33  
T1 vs. T2 adjusted p = 0.79



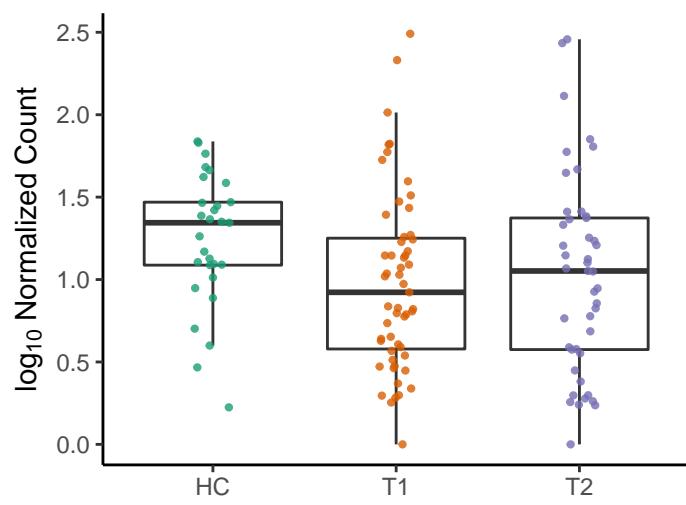
### Desulfurispirillum

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



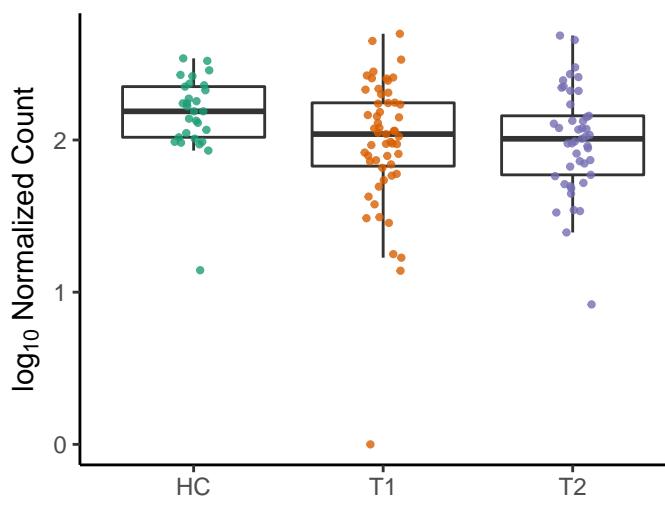
### Stygiolobus

non-ED vs. T1 adjusted p = 0.03  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 1



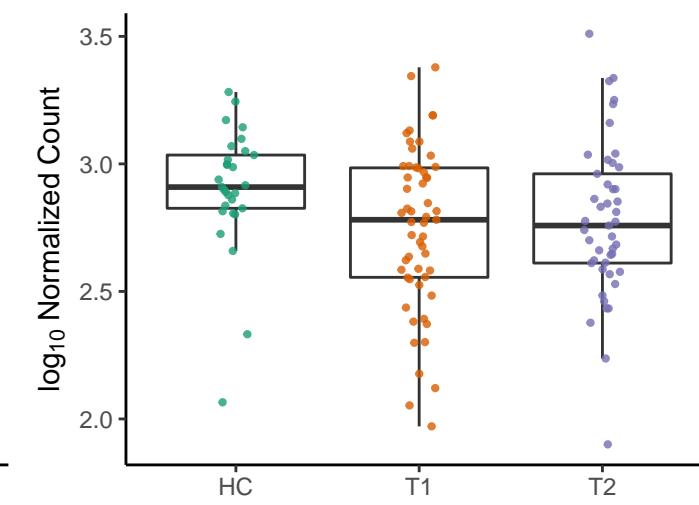
### Nesterenkonia

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.88



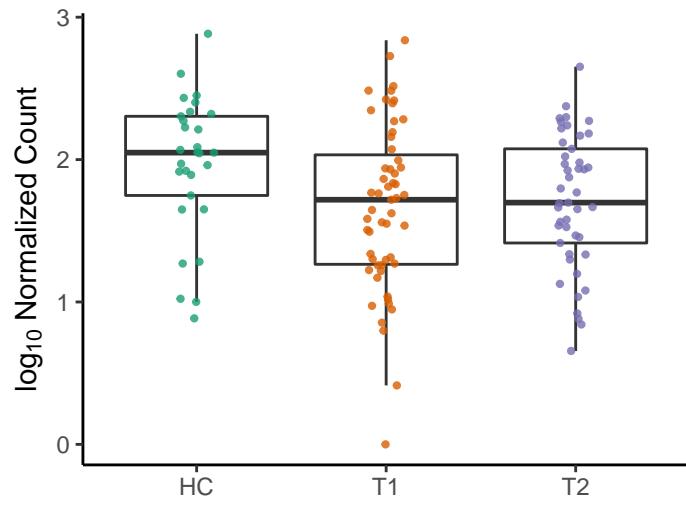
### Thermoclostridium

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.81



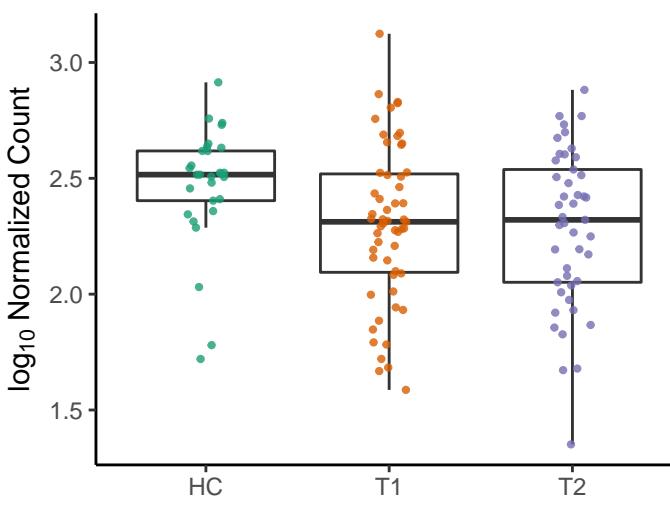
### Oerskovia

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.056  
T1 vs. T2 adjusted p = 0.84



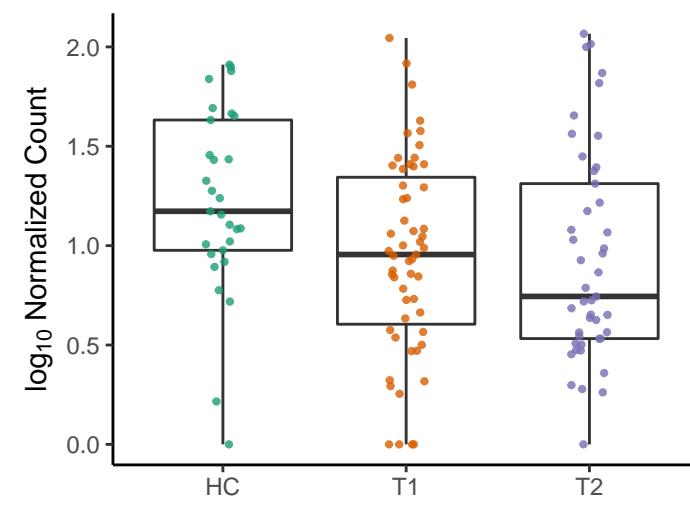
### Unclassified Cyanobacteria Phylum

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.9



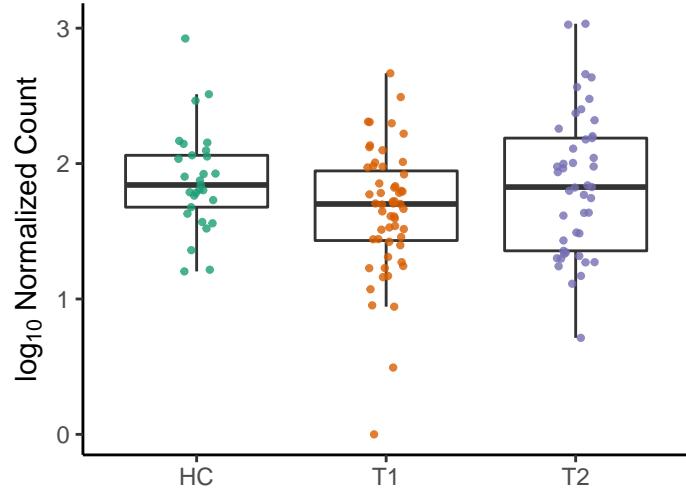
### Wigglesworthia

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.036  
T1 vs. T2 adjusted p = 0.92



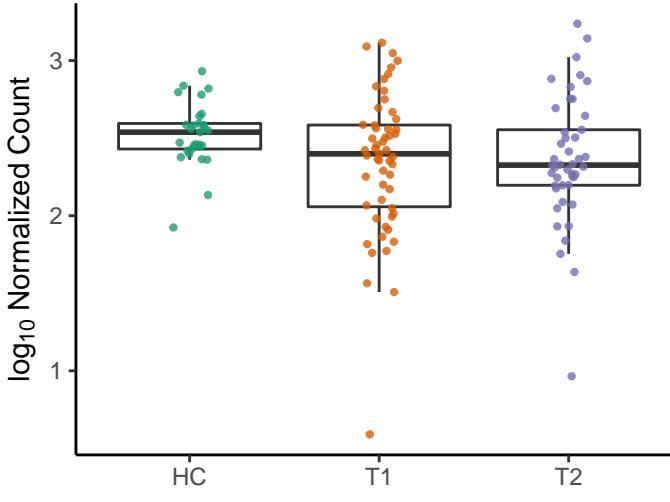
### Georhizobium

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.79  
T1 vs. T2 adjusted p = 0.77



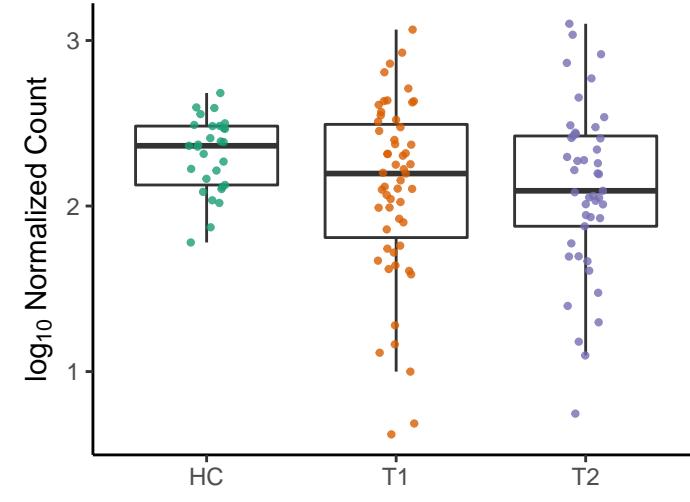
### Porphyrobacter

non-ED vs. T1 adjusted p = 0.031  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.9



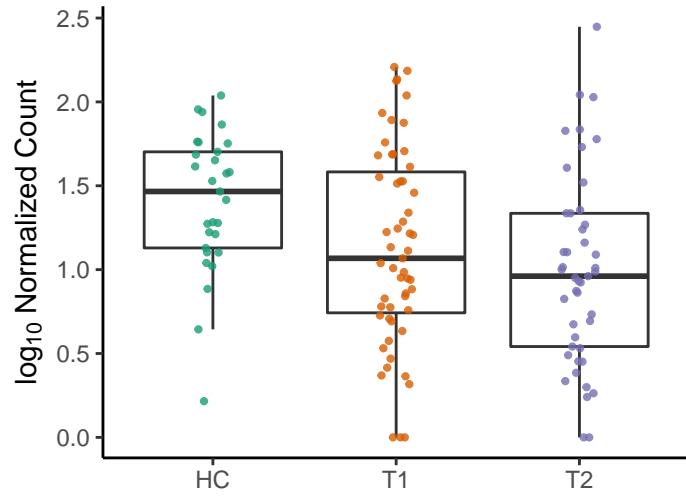
### Stella

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.85



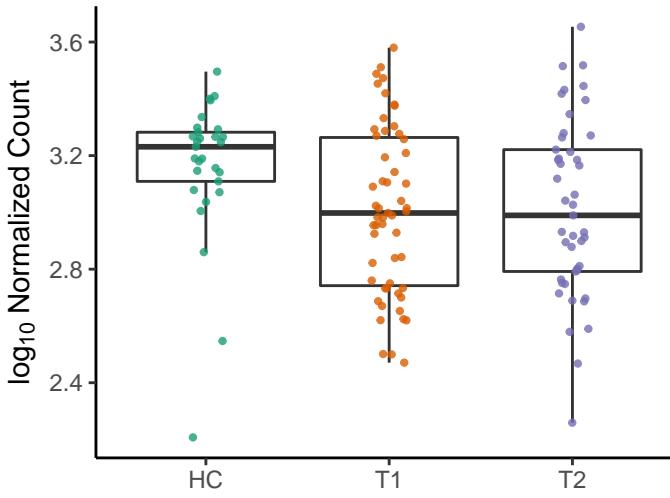
### Unclassified Syntrophomonadaceae Fa

non-ED vs. T1 adjusted p = 0.032  
non-ED vs. T2 adjusted p = 0.0082  
T1 vs. T2 adjusted p = 0.79



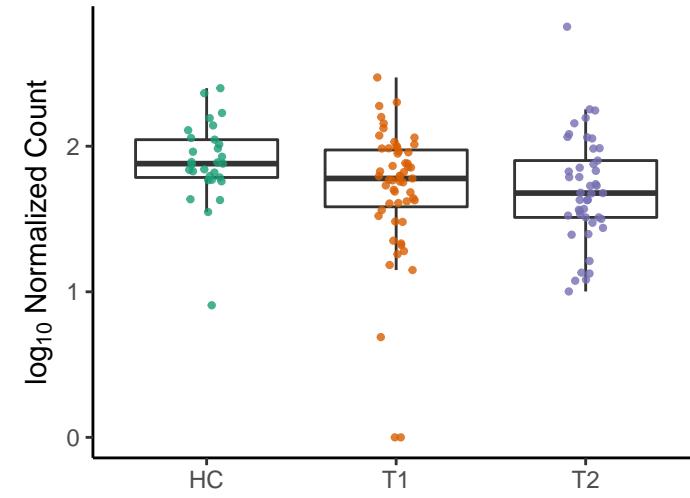
### Unclassified Bacillaceae Family

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.97



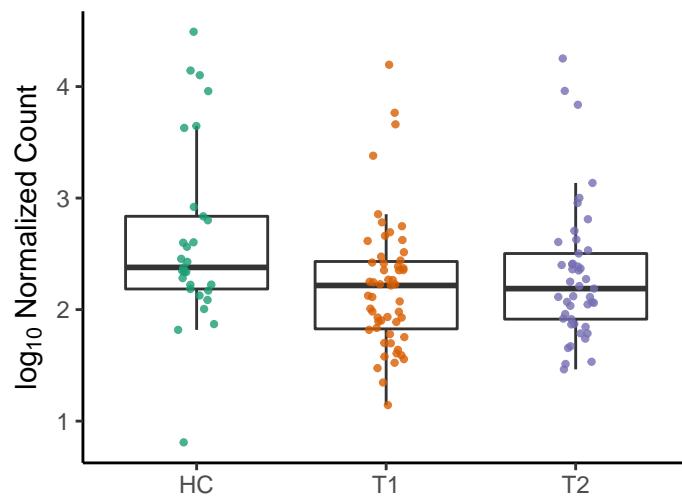
### Pseudohongiella

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.86



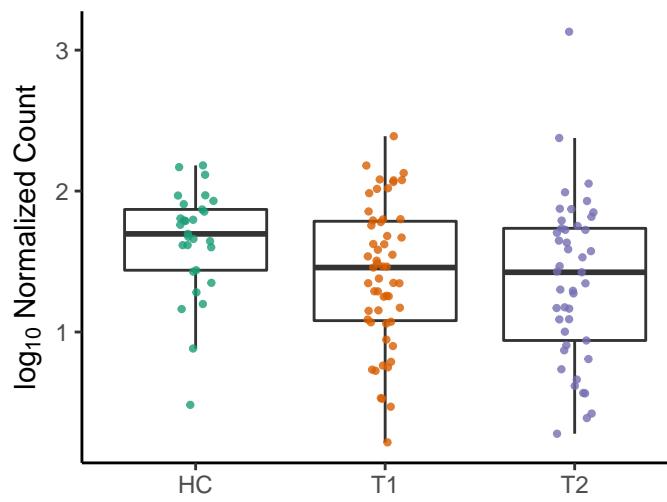
### Oxalobacter

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.85



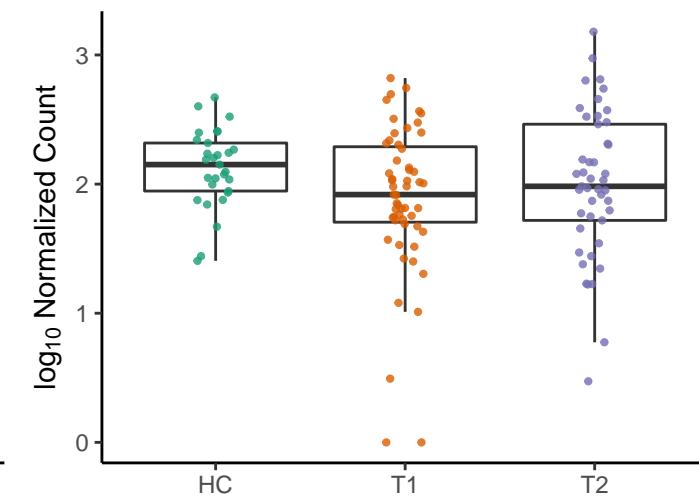
### Paraphotobacterium

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.79



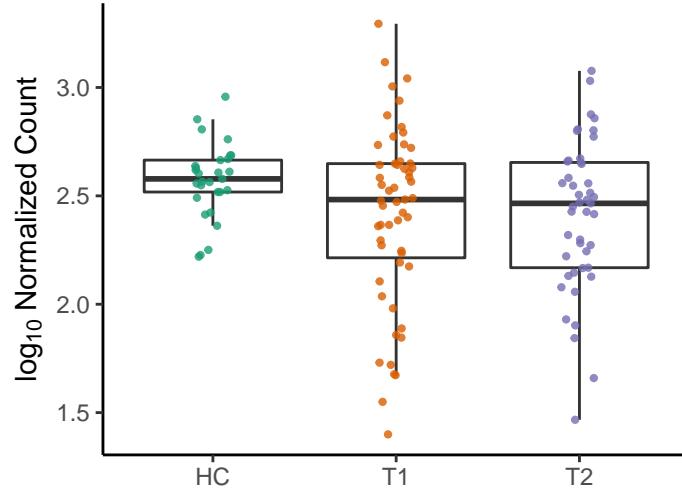
### Blastococcus

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.79



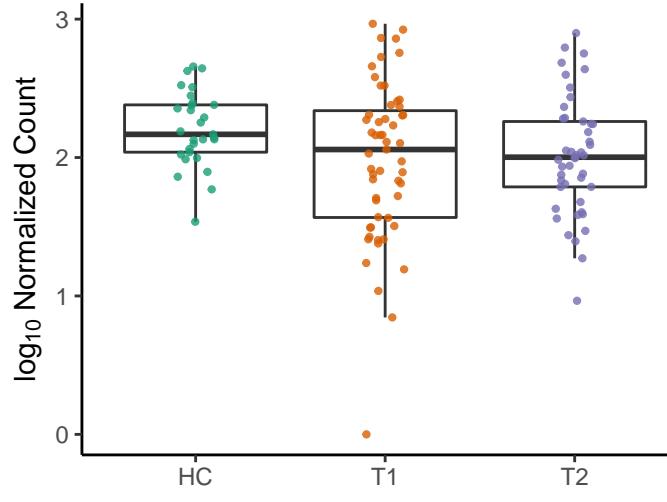
### Desulfococcus

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.86



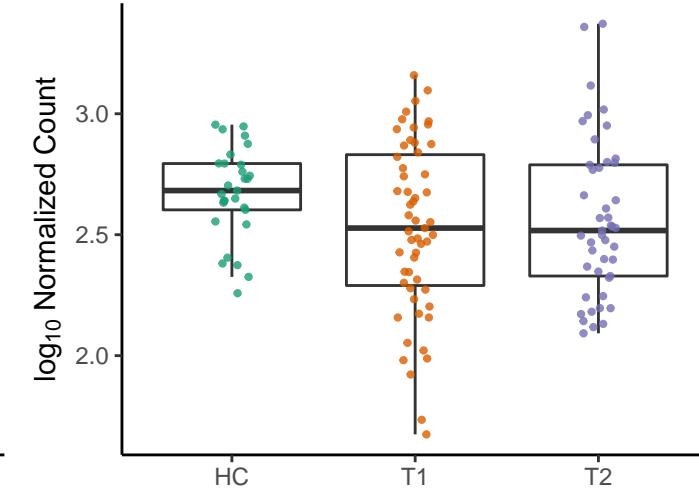
### Unclassified Myxococcaceae Family

non-ED vs. T1 adjusted p = 0.033  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.79



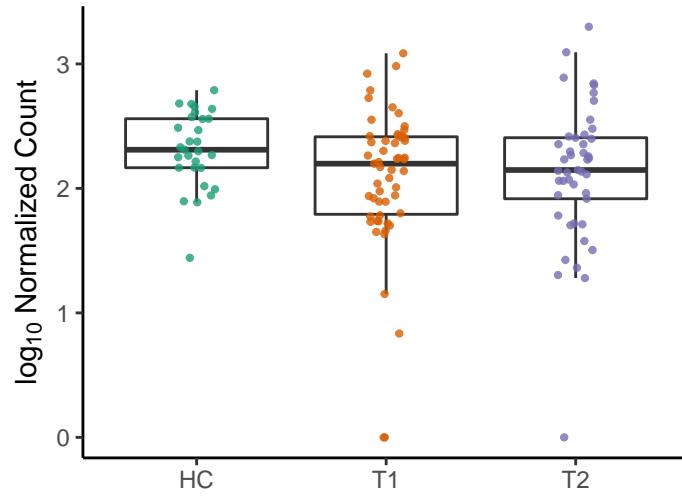
### Syntrophobotulus

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.82



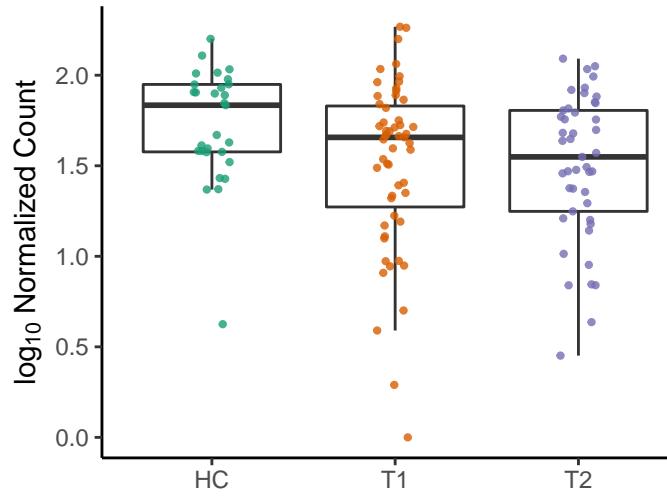
### Sphaerobacter

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.1  
T1 vs. T2 adjusted p = 0.8



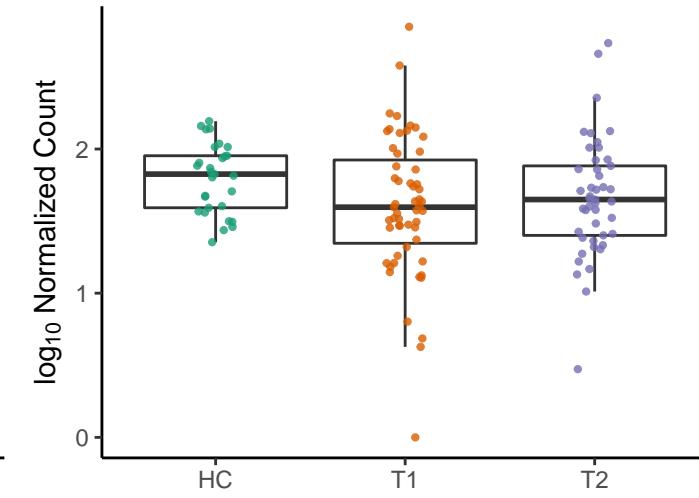
### Candidatus Puniceispirillum

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.88



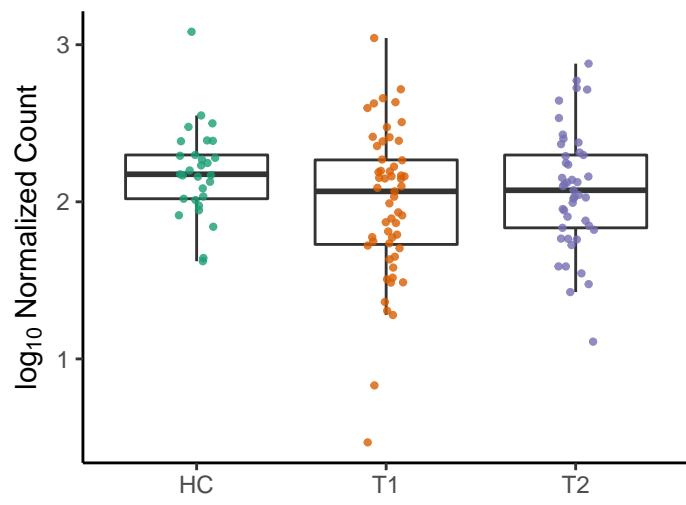
### Oceanisphaera

non-ED vs. T1 adjusted p = 0.034  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



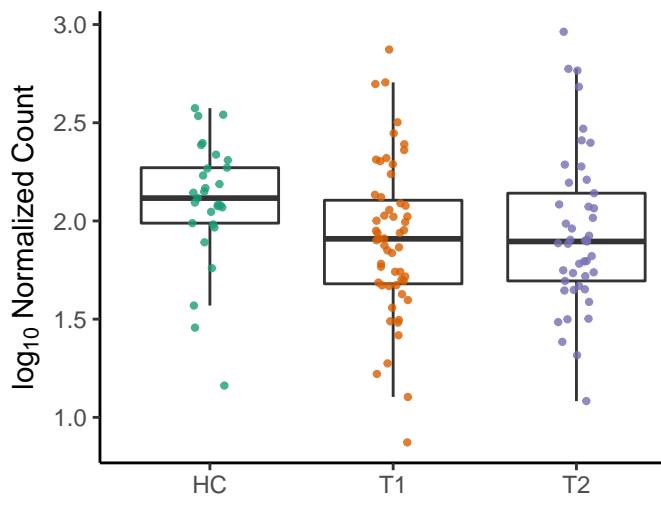
### *Guyparkeria*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.18  
 T1 vs. T2 adjusted p = 0.79



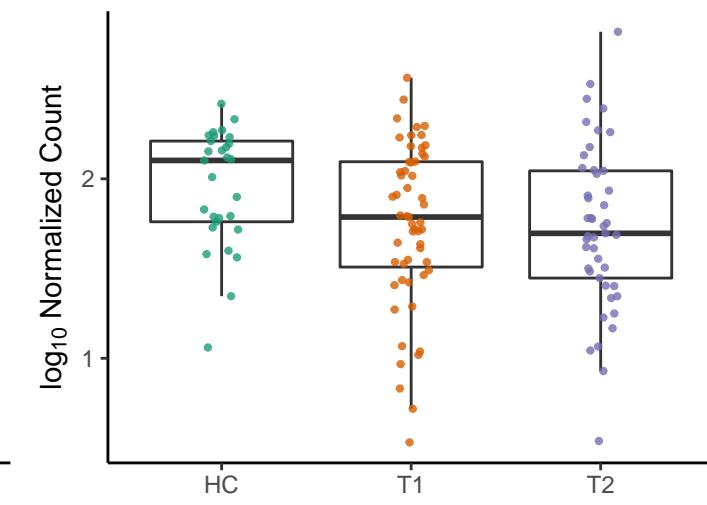
### *Glaesserella*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.096  
 T1 vs. T2 adjusted p = 0.88



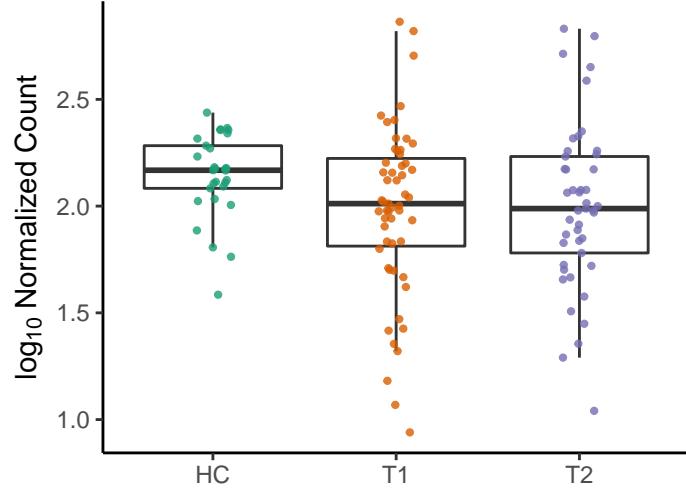
### *Pseudogulbenkiania*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.035  
 T1 vs. T2 adjusted p = 1



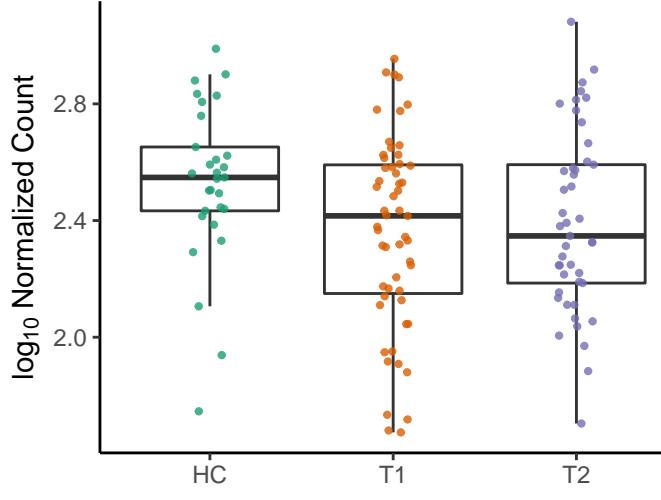
### *Sulfurovum*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.91



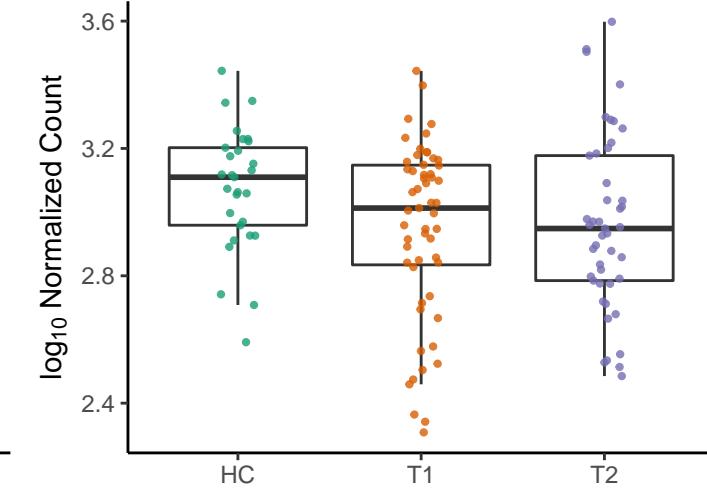
### *Colwellia*

non-ED vs. T1 adjusted p = 0.034  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.92



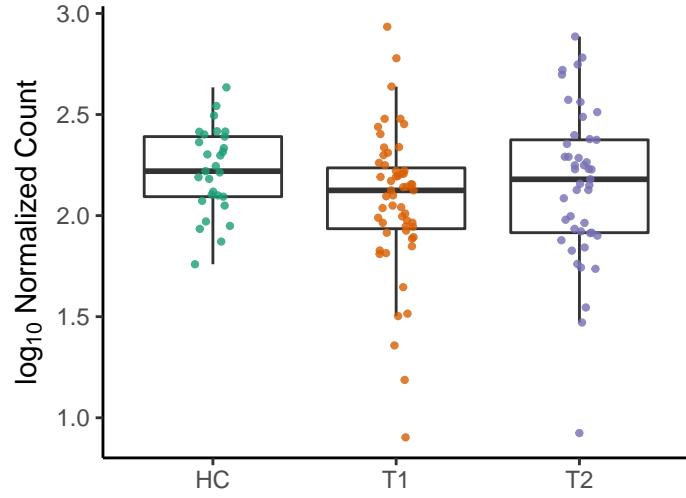
### *Dickeya*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.07  
 T1 vs. T2 adjusted p = 0.8



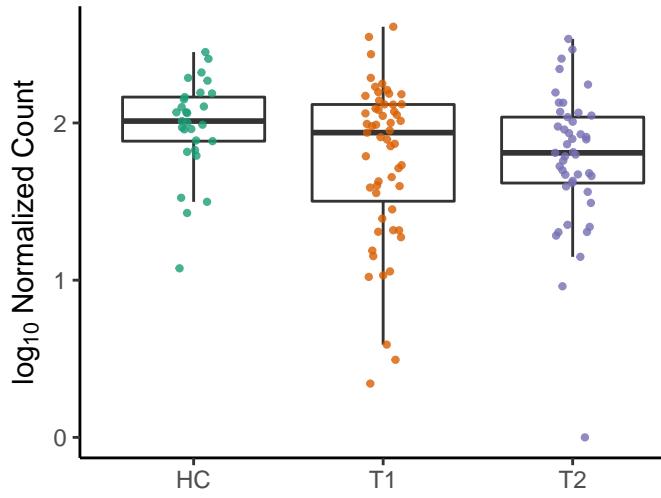
### *Thermoactinomyces*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.36  
 T1 vs. T2 adjusted p = 0.79



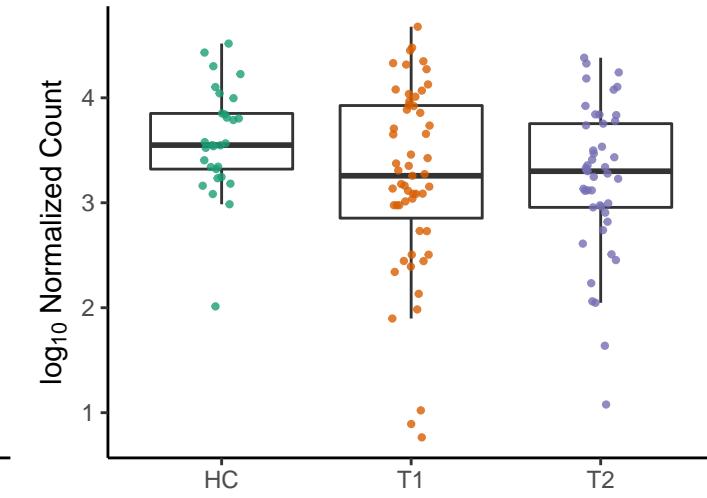
### *Desulfobacca*

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.038  
 T1 vs. T2 adjusted p = 0.96



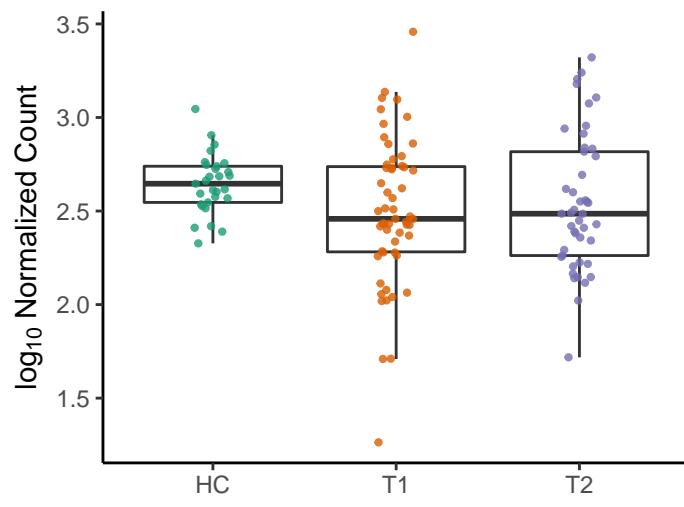
### Unclassified Coriobacteriia Class

non-ED vs. T1 adjusted p = 0.035  
 non-ED vs. T2 adjusted p = 0.029  
 T1 vs. T2 adjusted p = 0.85



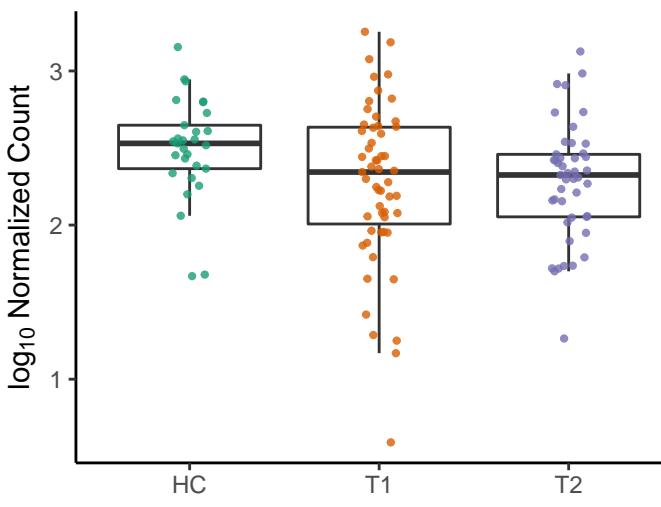
### Nitrospira

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



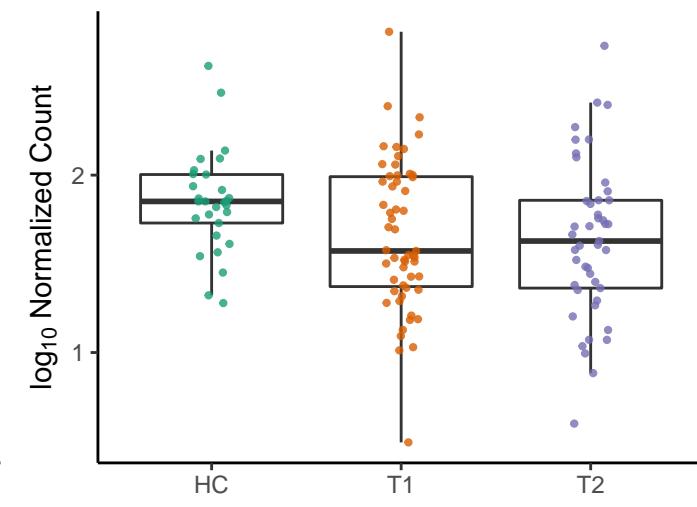
### Ramlibacter

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.89



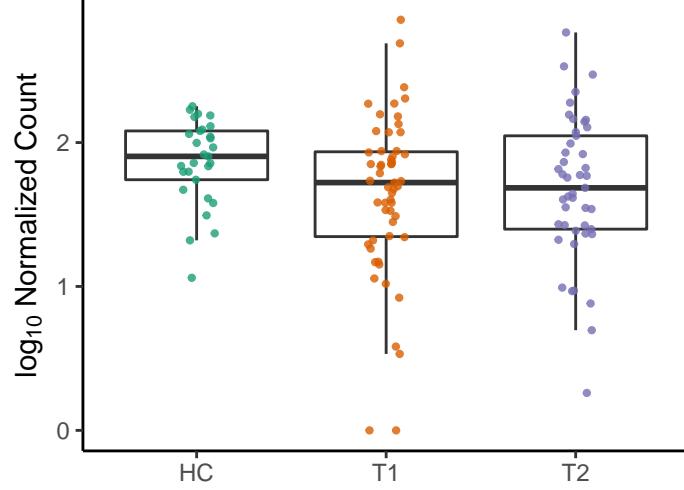
### Unclassified Rhodocyclaceae Family

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.99



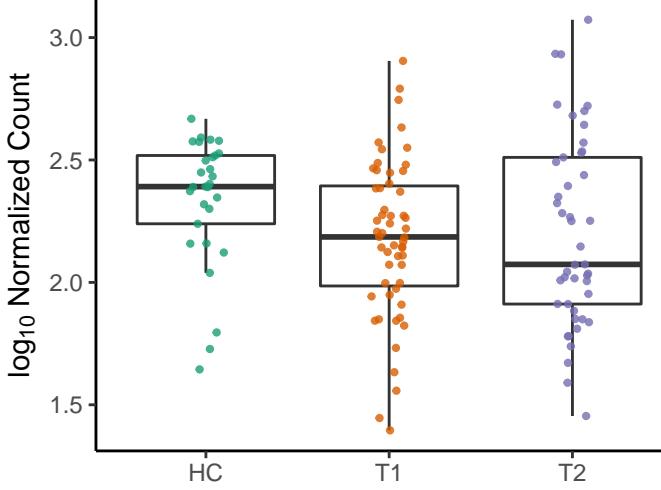
### Jatrophihabitans

non-ED vs. T1 adjusted p = 0.035  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.85



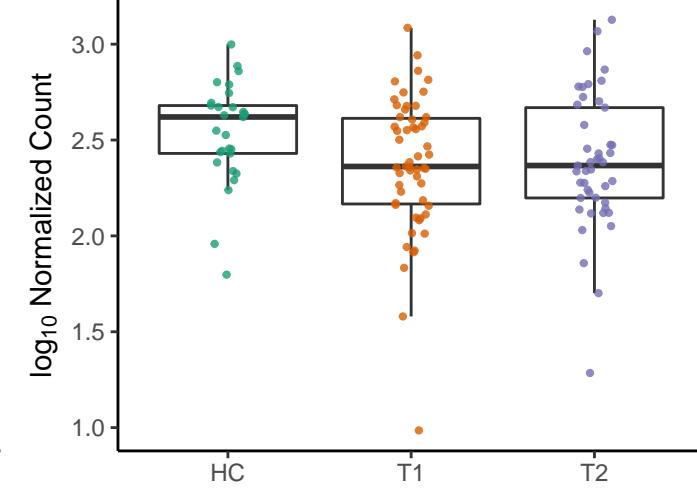
### Botrytis

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.99



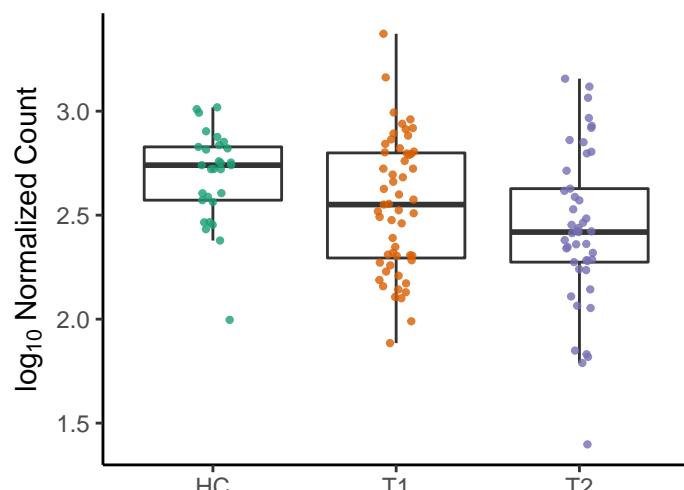
### Thermacetogenium

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.86



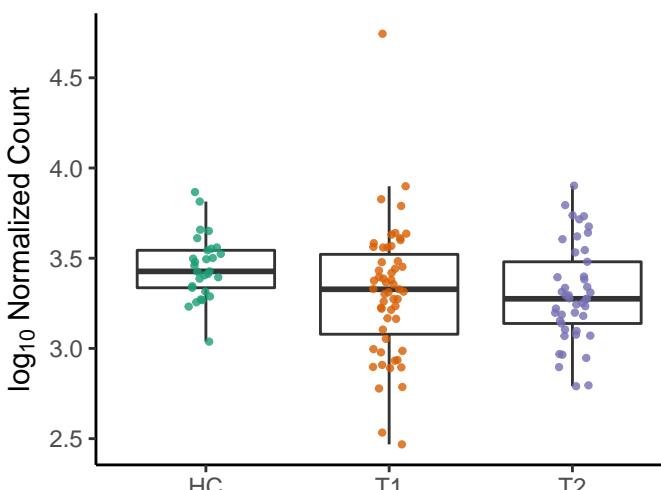
### Tenacibaculum

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.0063  
T1 vs. T2 adjusted p = 0.79



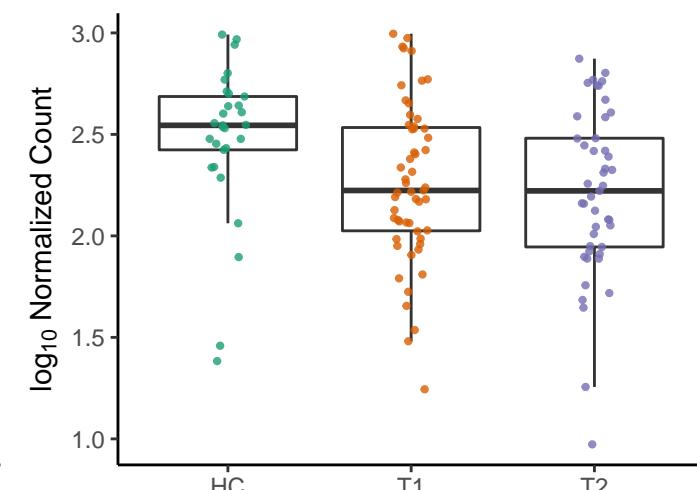
### Serratia

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



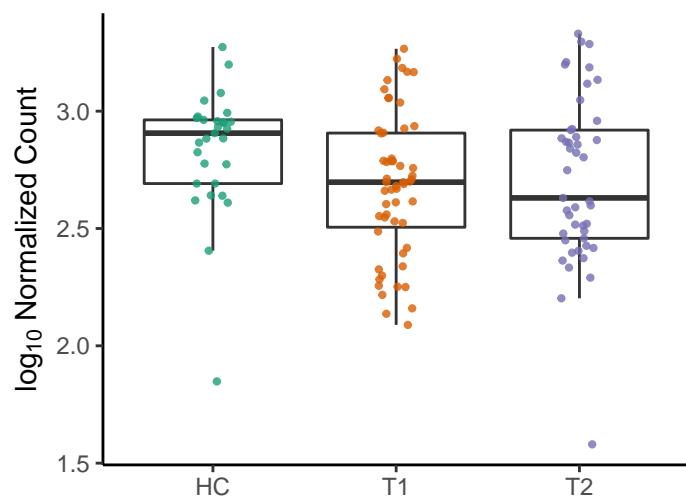
### Candidatus Arthromitus

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.82



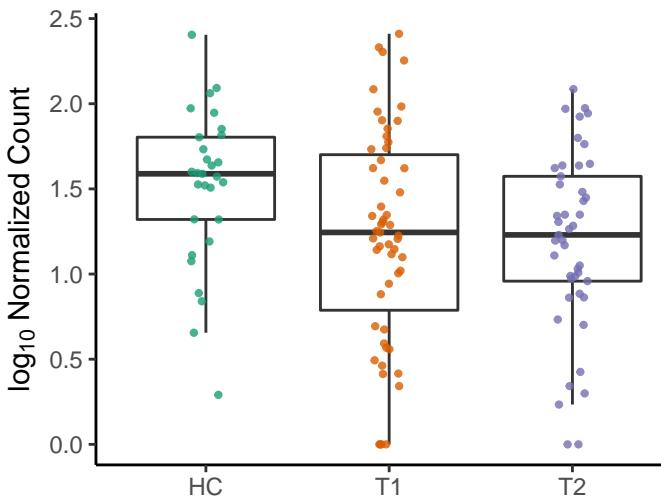
### Petrocella

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.89



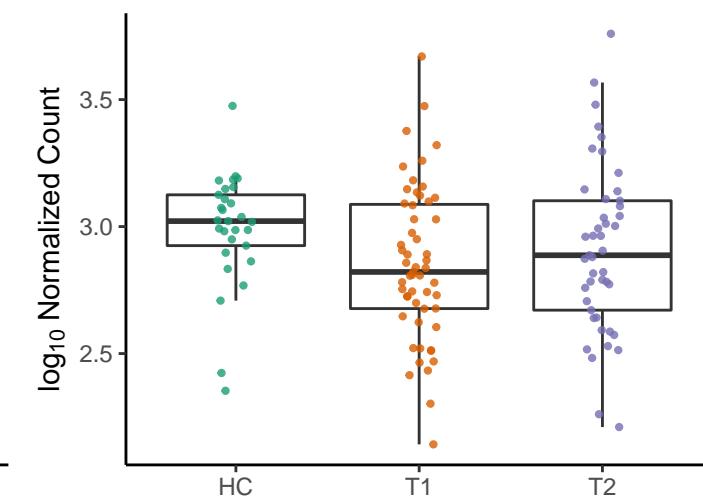
### Cnubacter

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.91



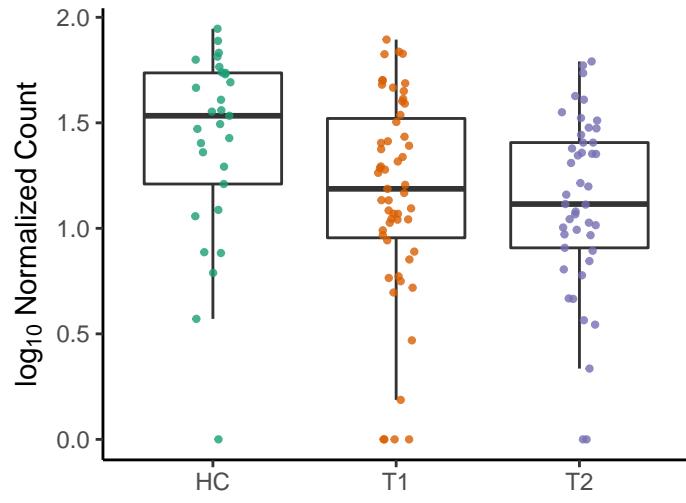
### Dehalobacter

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.24  
T1 vs. T2 adjusted p = 0.79



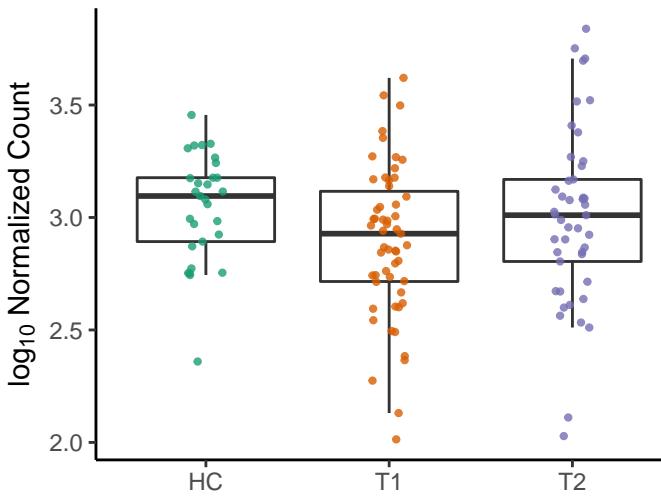
### Enterovibrio

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.82



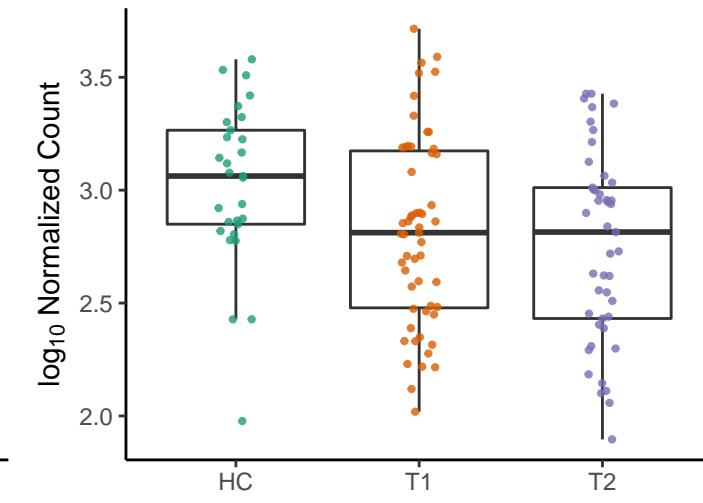
### Murdochella

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.58  
T1 vs. T2 adjusted p = 0.79



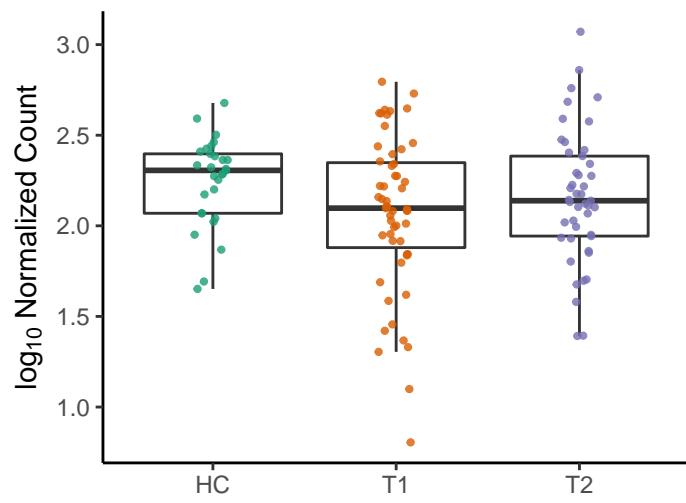
### Spiroplasma

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.79



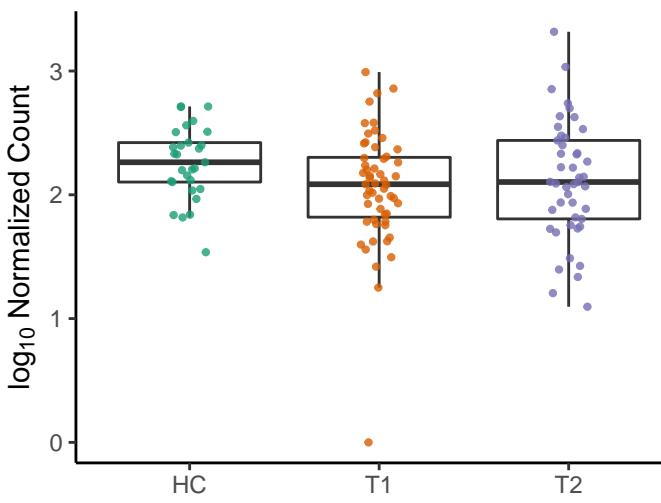
### Thermothielavioïdes

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.79



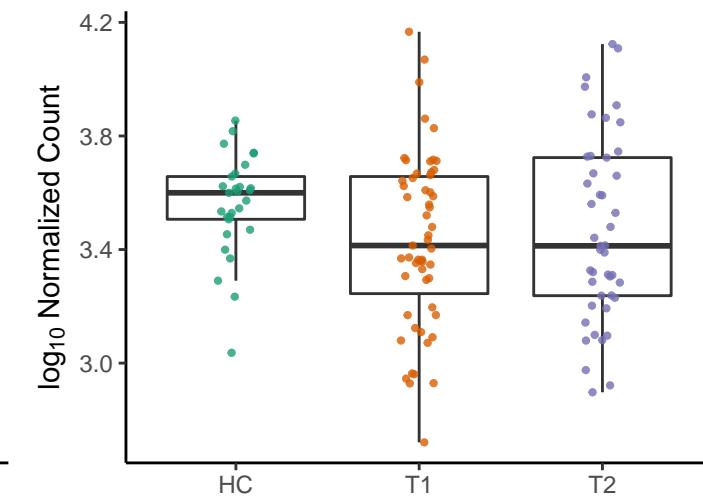
### Alloactinosynnema

non-ED vs. T1 adjusted p = 0.036  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.79



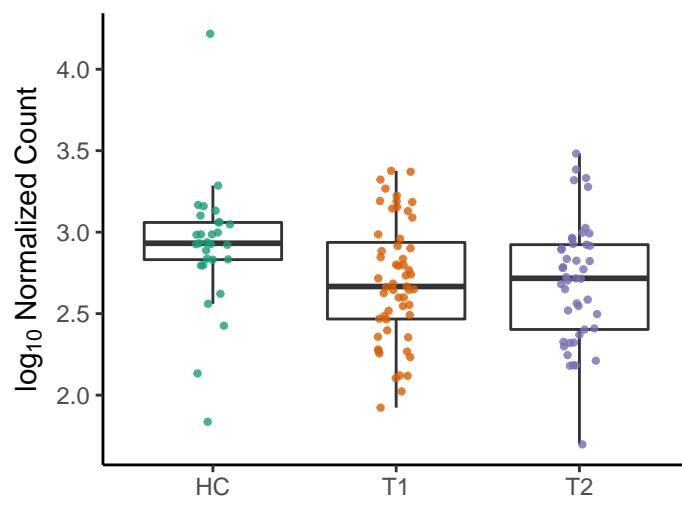
### Treponema

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.8



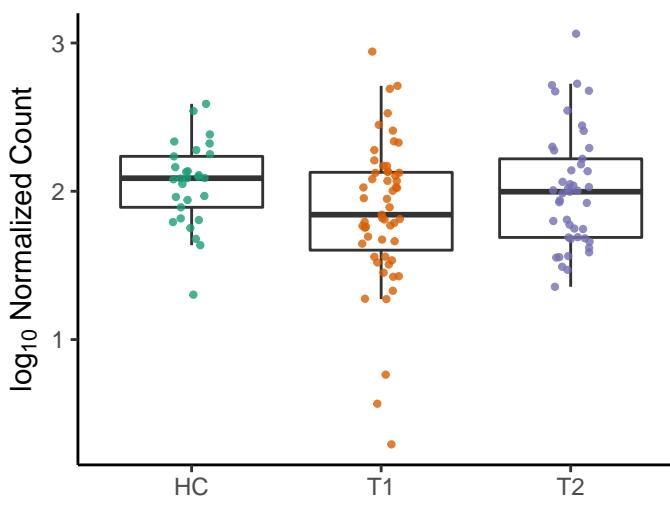
### Megamonas

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.97



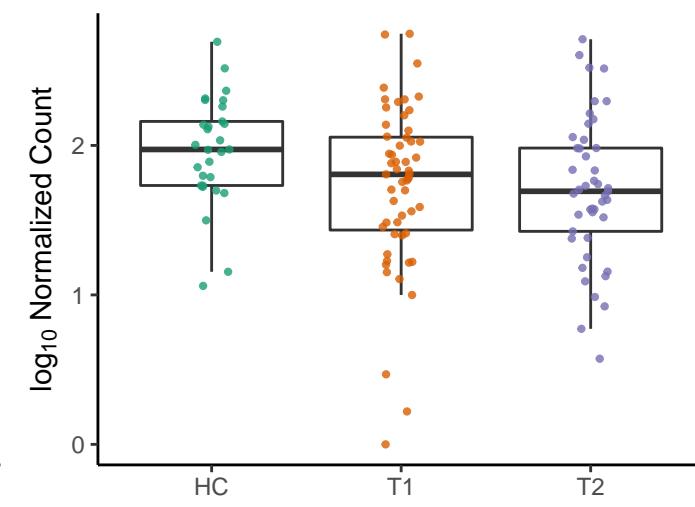
### Limihaloglobus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.58  
T1 vs. T2 adjusted p = 0.79



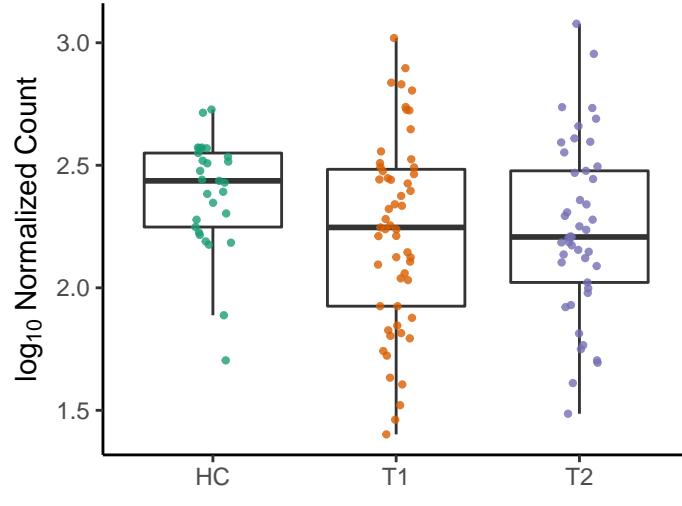
### Starkeya

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.97



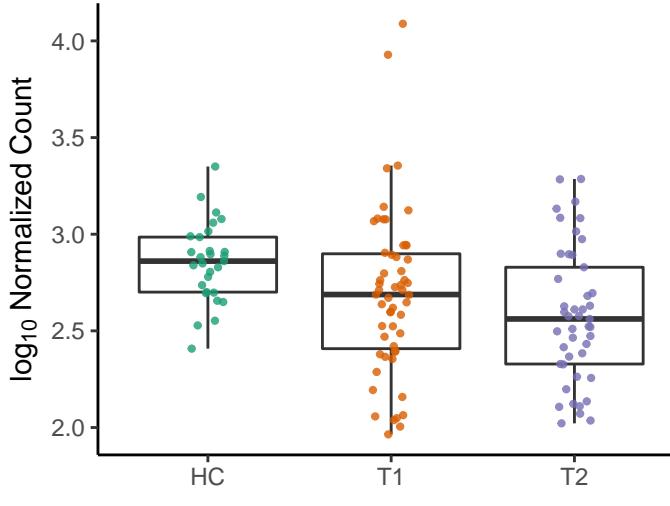
### Halioglobus

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.054  
T1 vs. T2 adjusted p = 0.85



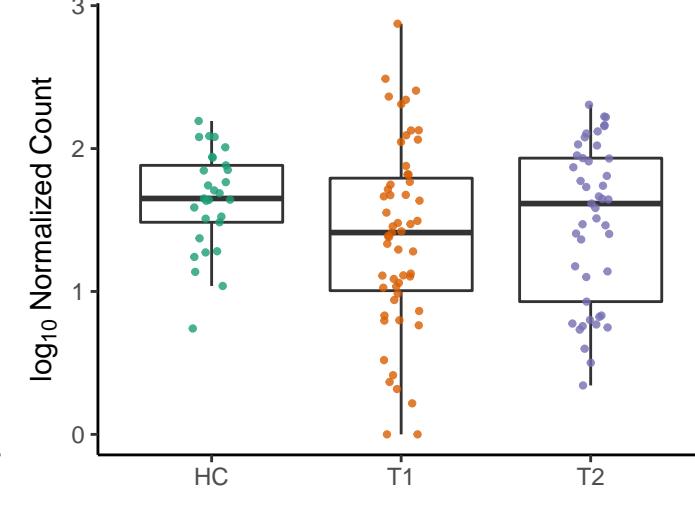
### Raoultella

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.0029  
T1 vs. T2 adjusted p = 0.82



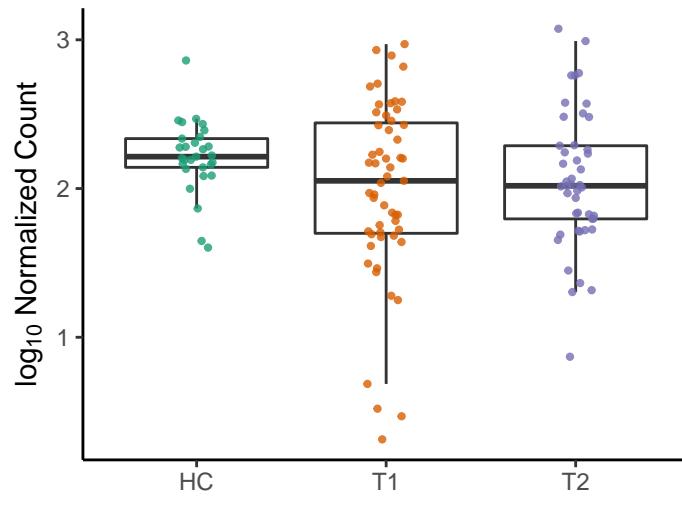
### Salinarchaeum

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



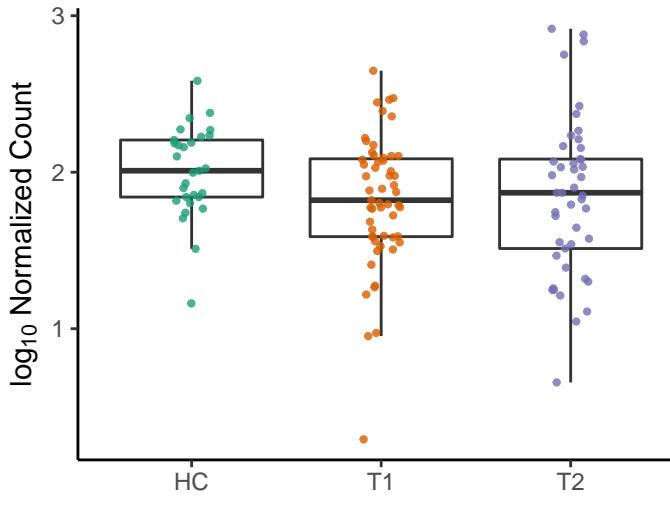
### Shinella

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.81



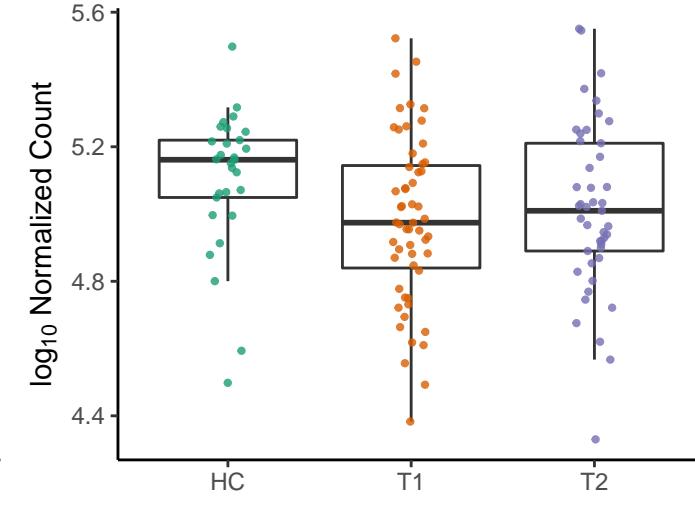
### Thermobifida

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.94



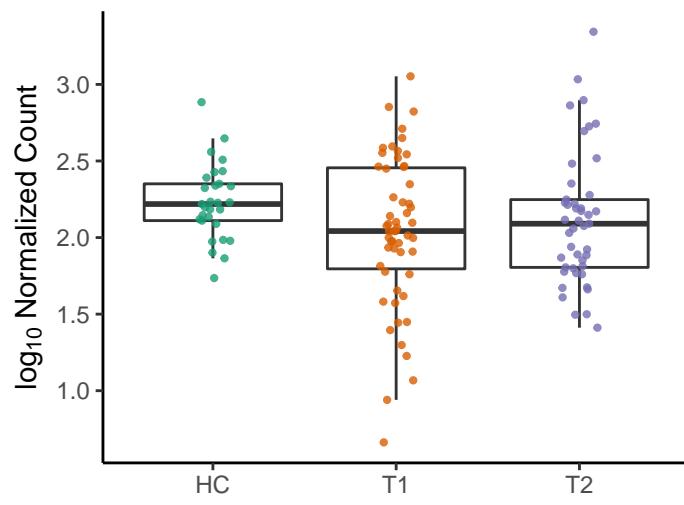
### Unclassified Firmicutes Phylum

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.8



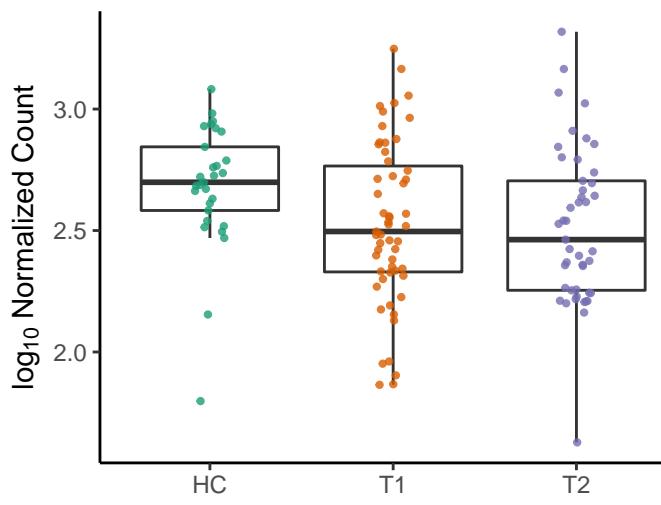
### Unclassified Planctomycetales Order

non-ED vs. T1 adjusted p = 0.037  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.8



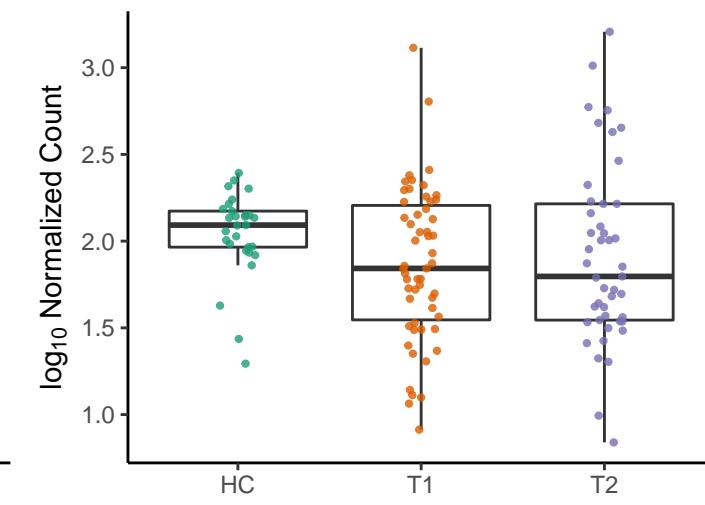
### Anoxybacillus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.97



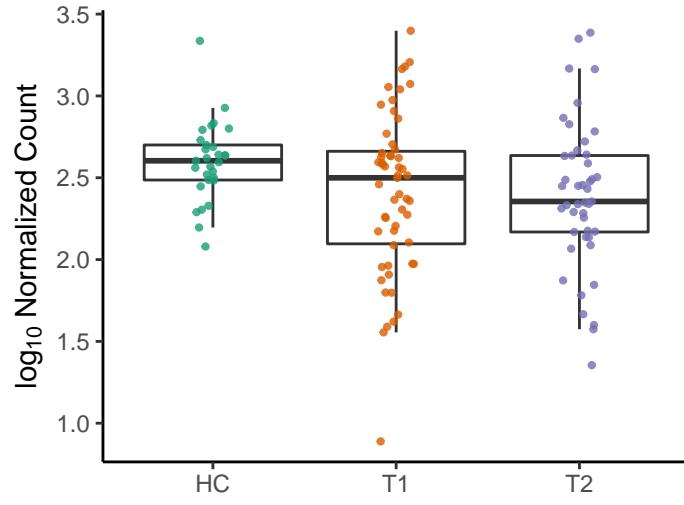
### Syntrophothermus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.97



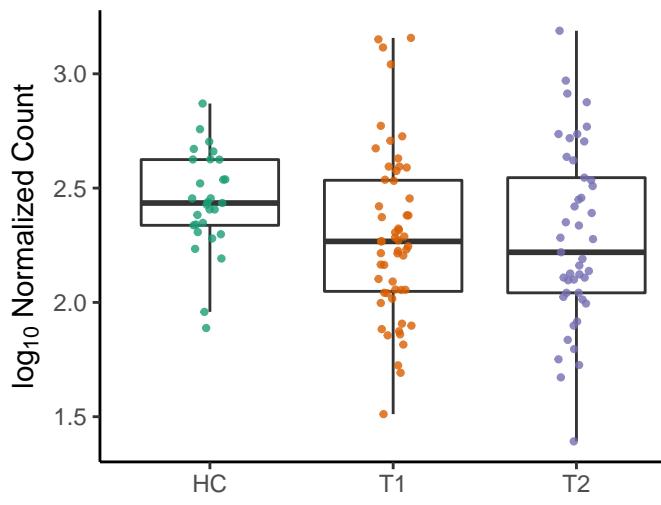
### Verrucomicrobium

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.99



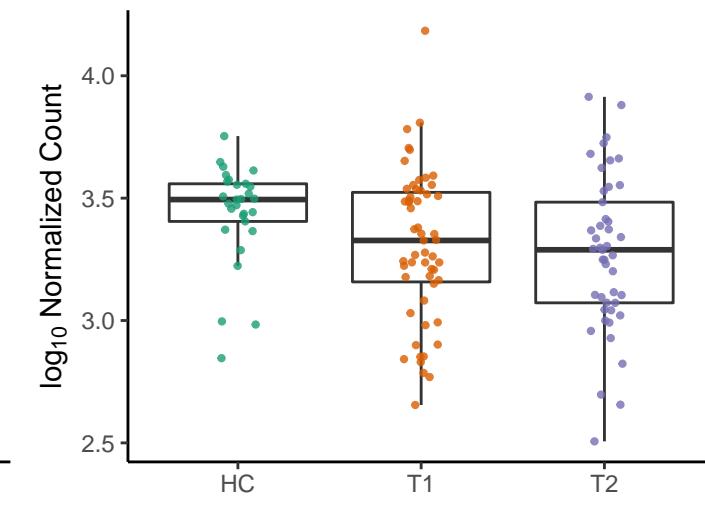
### Cryptococcus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.93



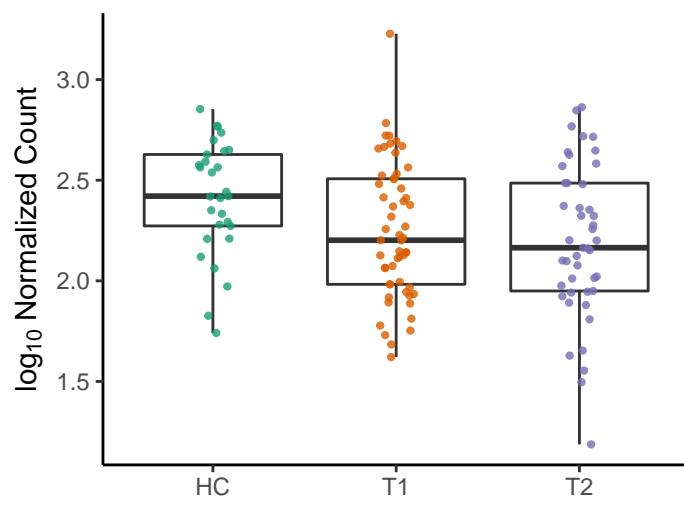
### Flavobacterium

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.8



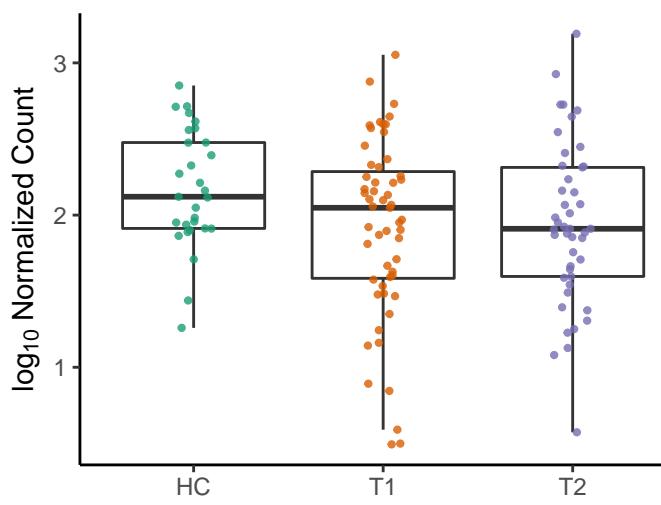
### Flammeovirga

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



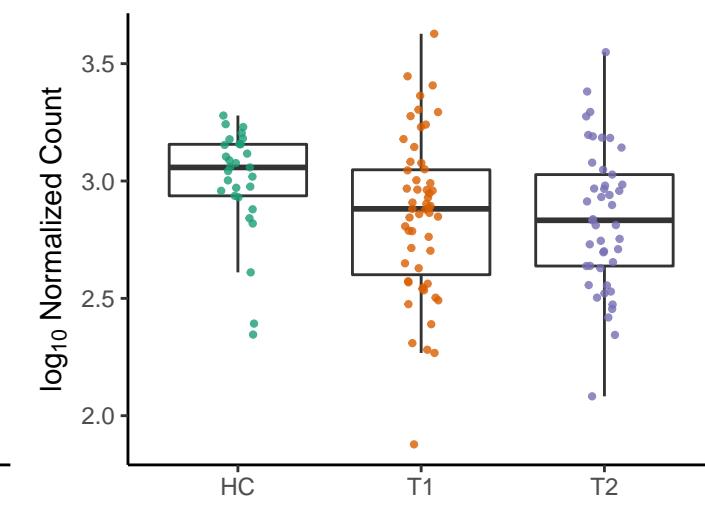
### Oceanithermus

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.83



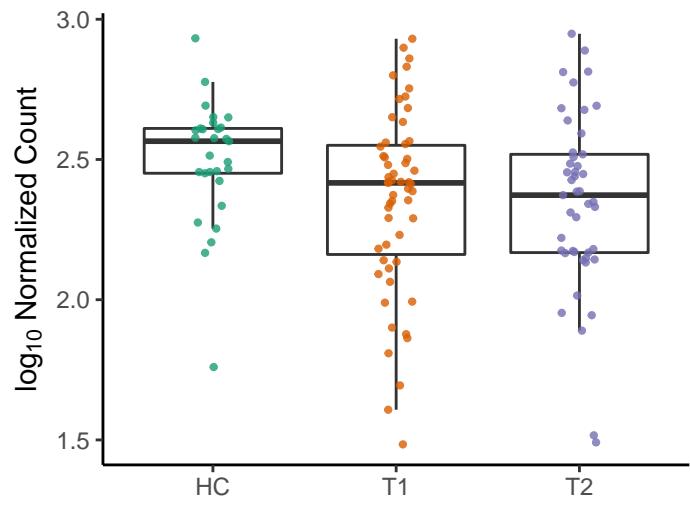
### Legionella

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.88



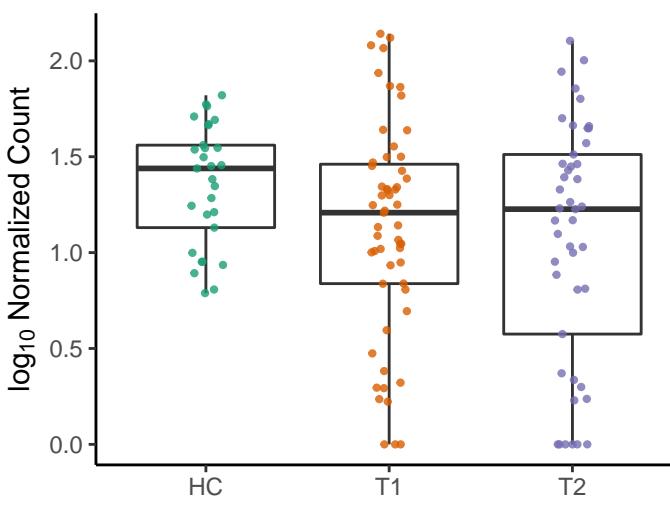
### Nitrosomonas

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.92



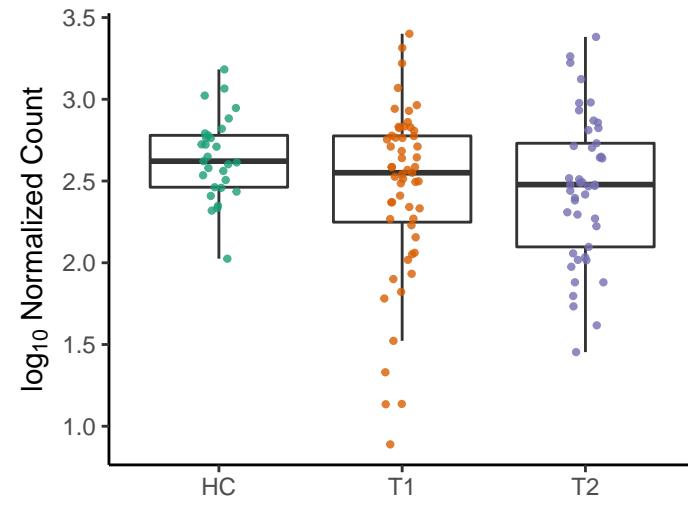
### Caldisphaera

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.8



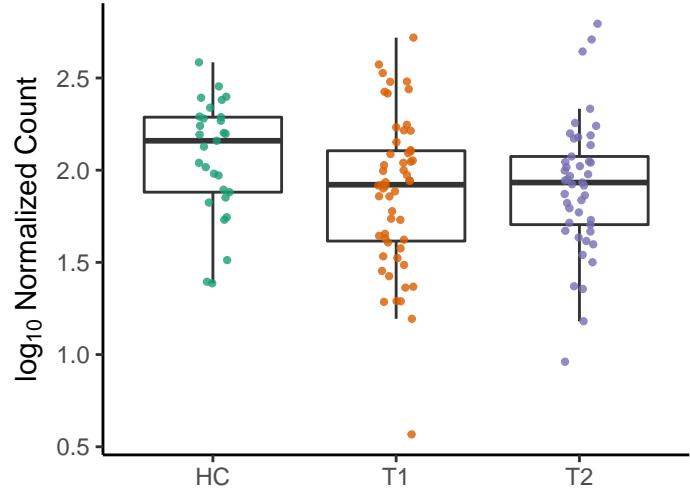
### Unclassified Deltaproteobacteria Class

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.9



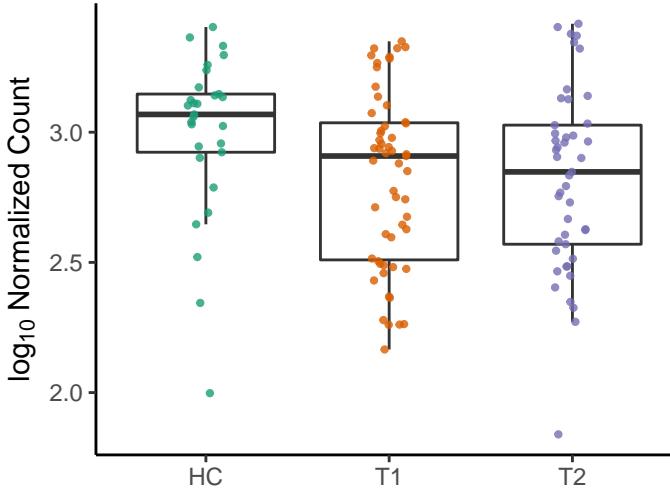
### Synechocystis

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.074  
T1 vs. T2 adjusted p = 0.82



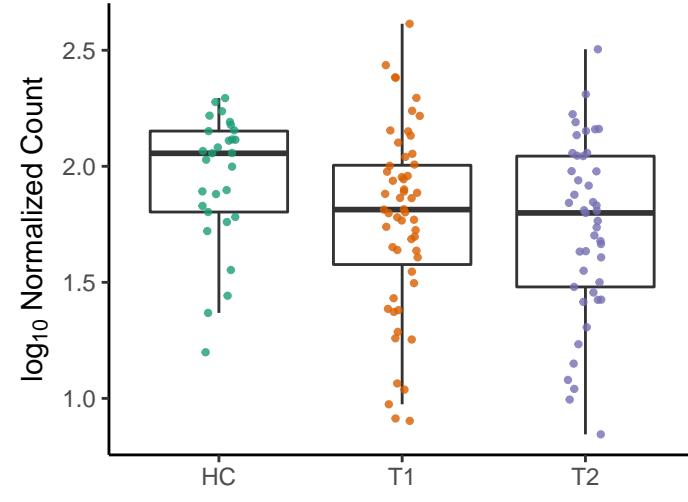
### Thermoanaerobacterium

non-ED vs. T1 adjusted p = 0.038  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.99



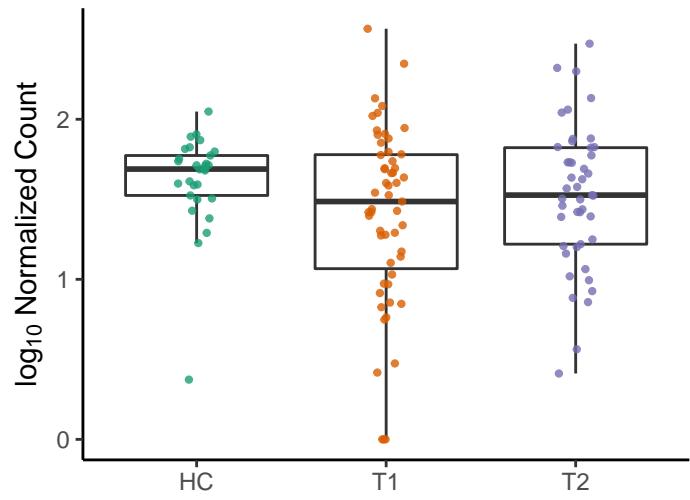
### Candidatus Kuenenia

non-ED vs. T1 adjusted p = 0.039  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.86



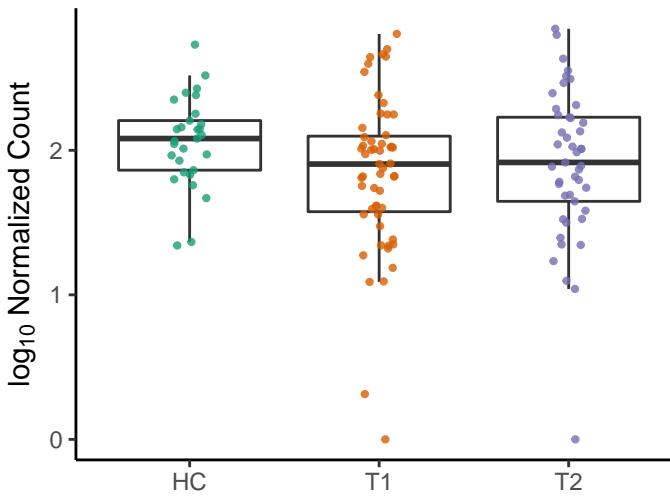
### Zymobacter

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.31  
T1 vs. T2 adjusted p = 0.79



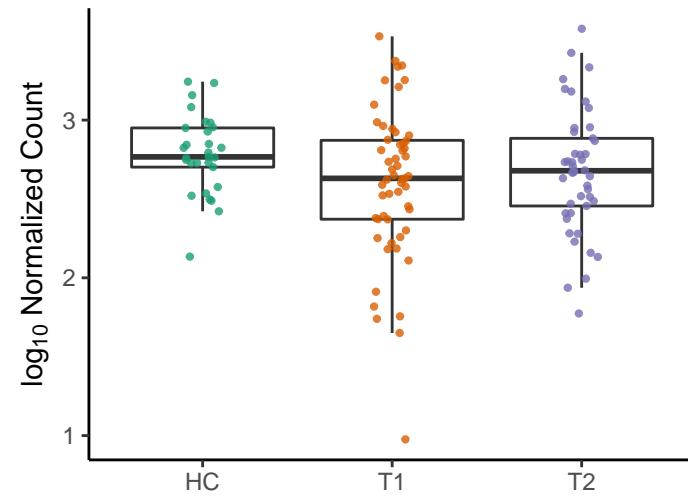
### Pararhodospirillum

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.79



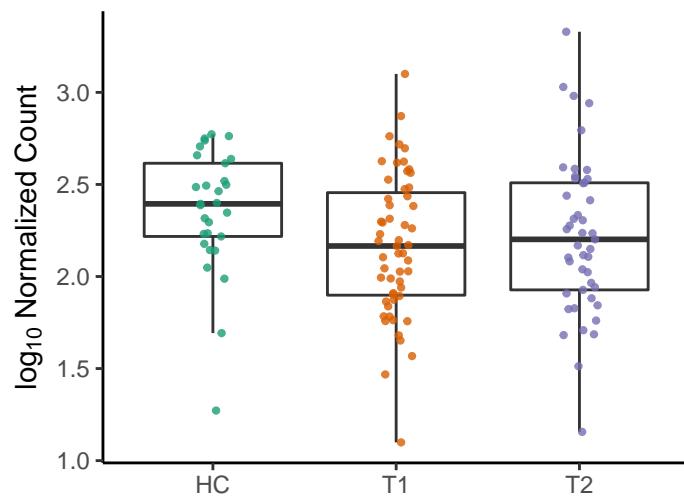
### Corallococcus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



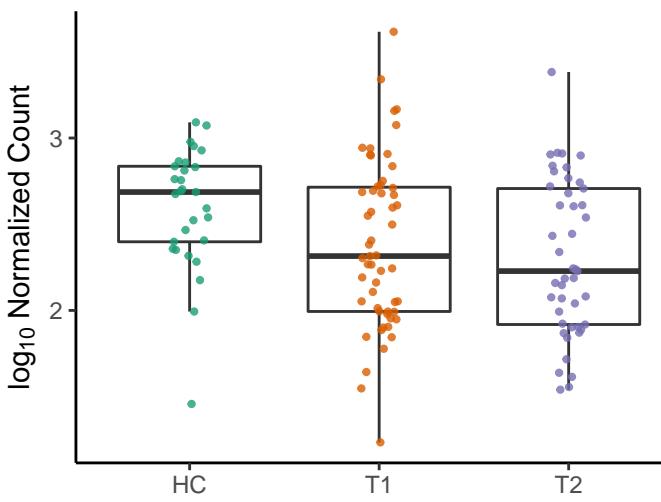
### Geminocystis

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.89



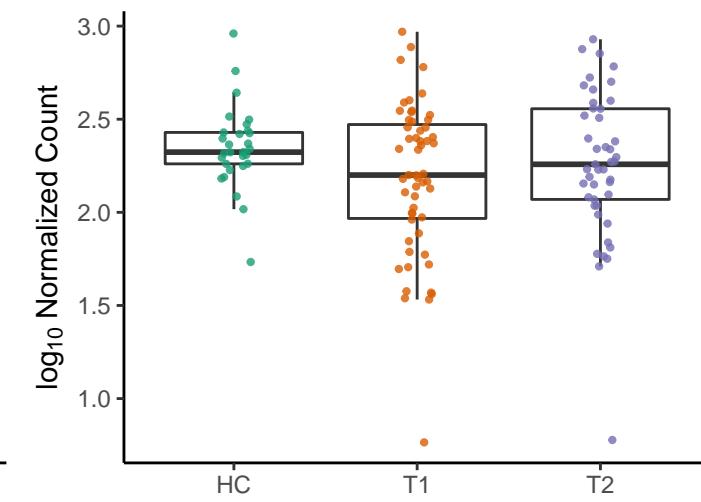
### Paraclostridium

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



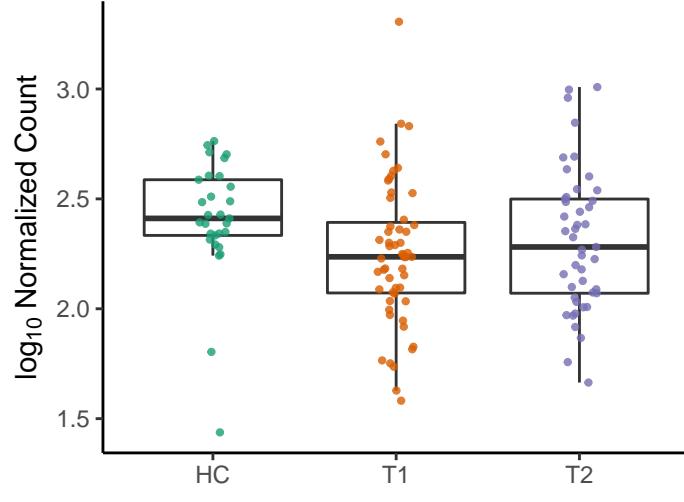
### Pelodictyon

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.79



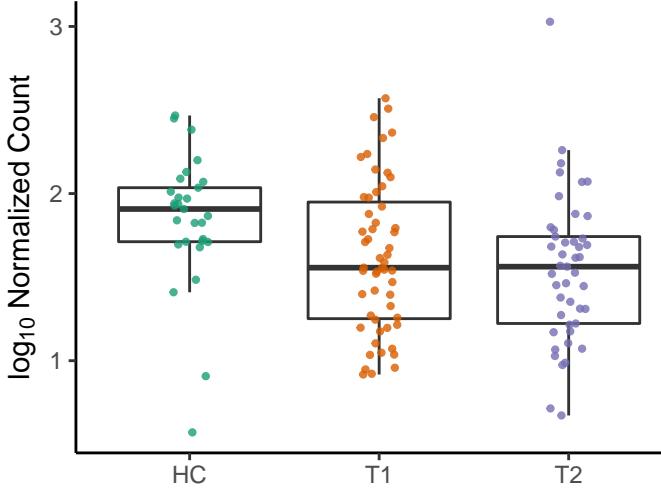
### Sporolactobacillus

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



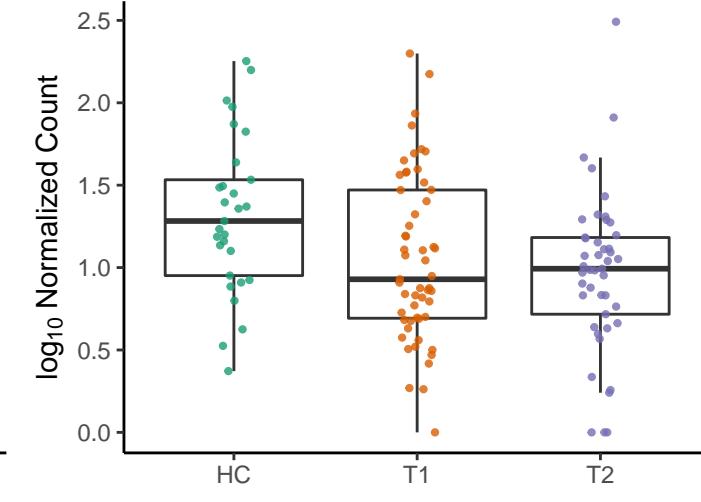
### Bibersteinia

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.81



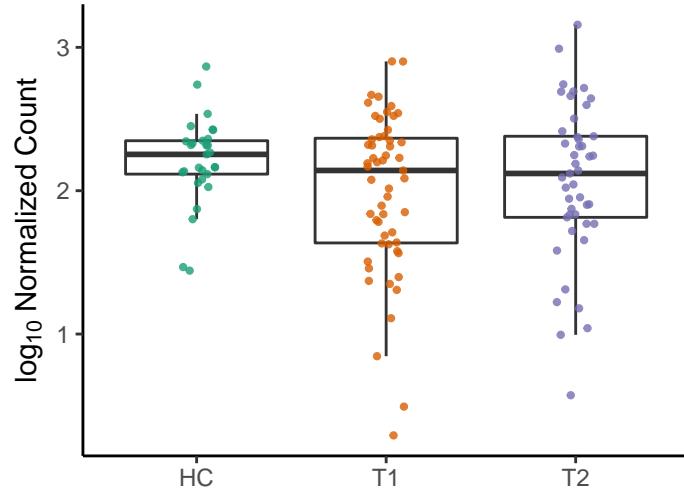
### Candidatus Nardonella

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.81



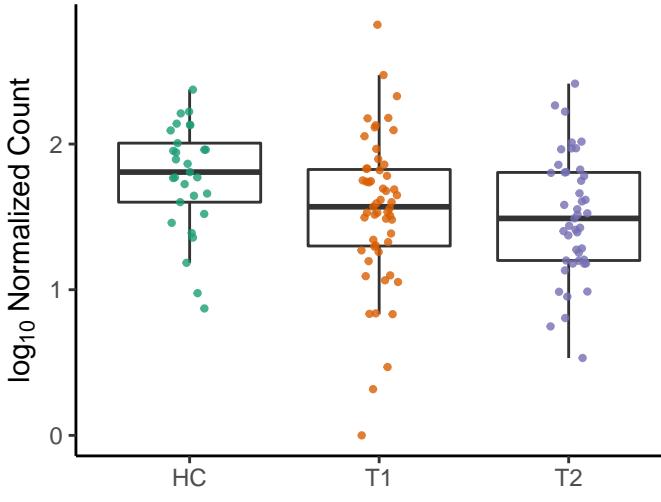
### Dokdonella

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.2  
T1 vs. T2 adjusted p = 0.79



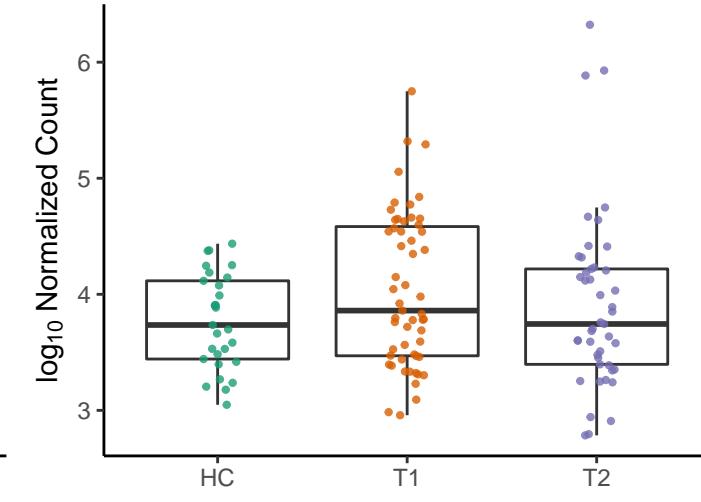
### Phytobacter

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.83



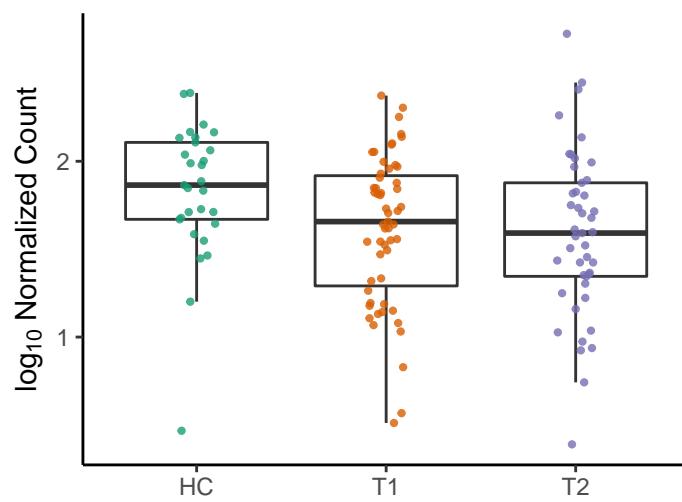
### Citrobacter

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.34  
T1 vs. T2 adjusted p = 0.79



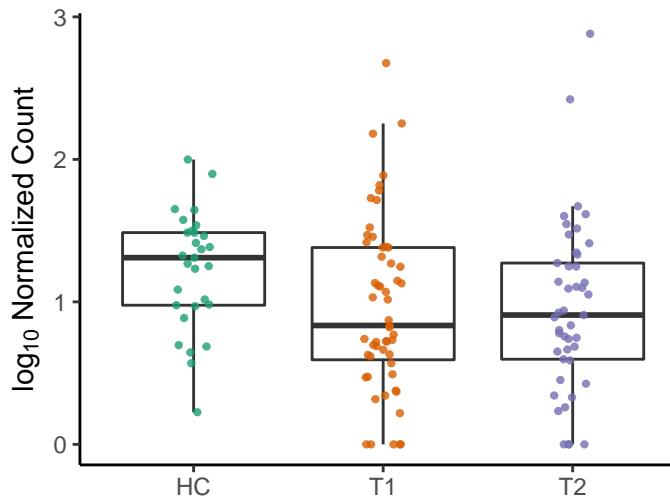
### Defluviitoga

non-ED vs. T1 adjusted p = 0.04  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.99



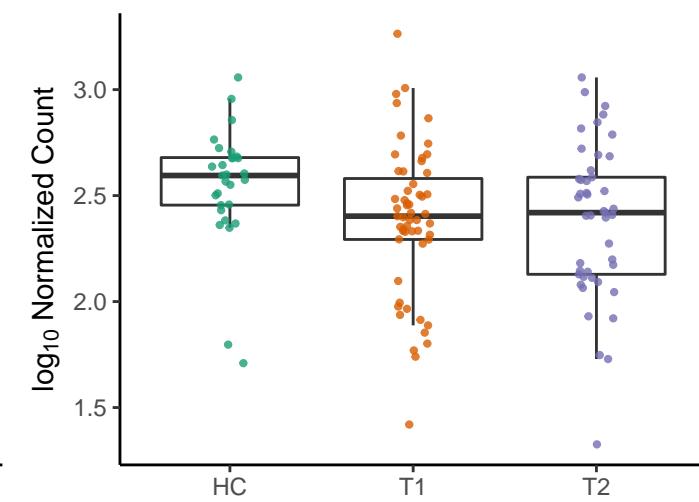
### Sulfuracidifex

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.93



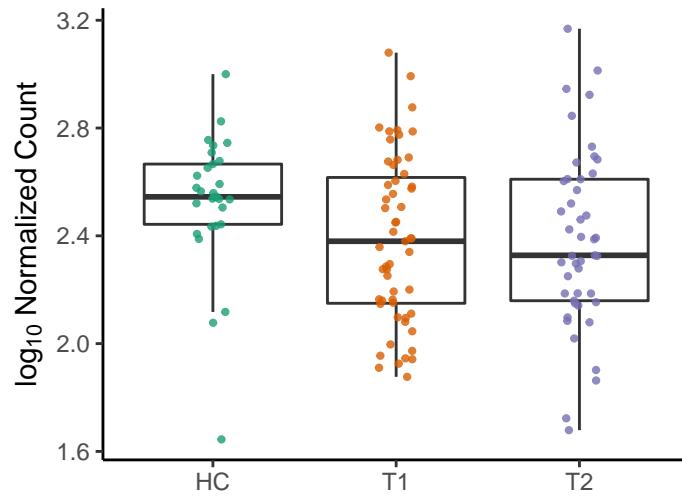
### Formosa

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.92



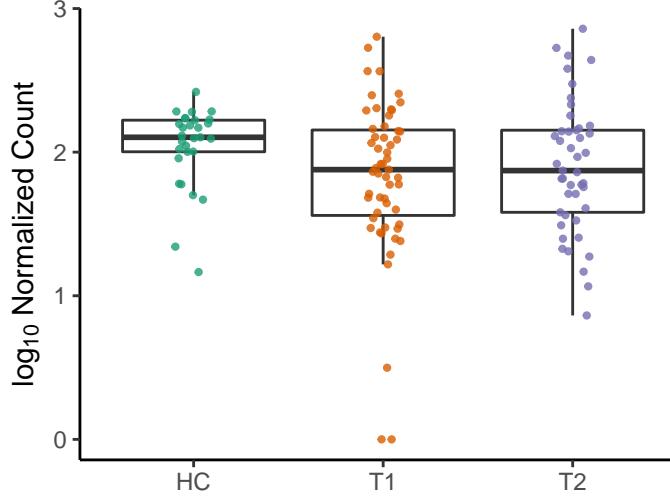
### Fictibacillus

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.99



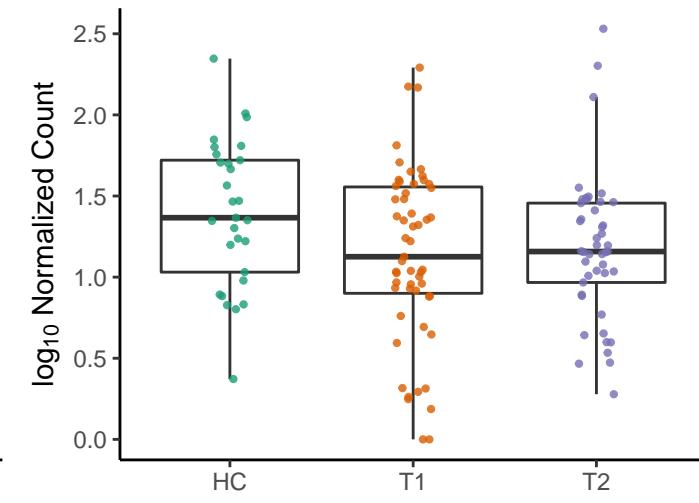
### Tabrizicola

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.79



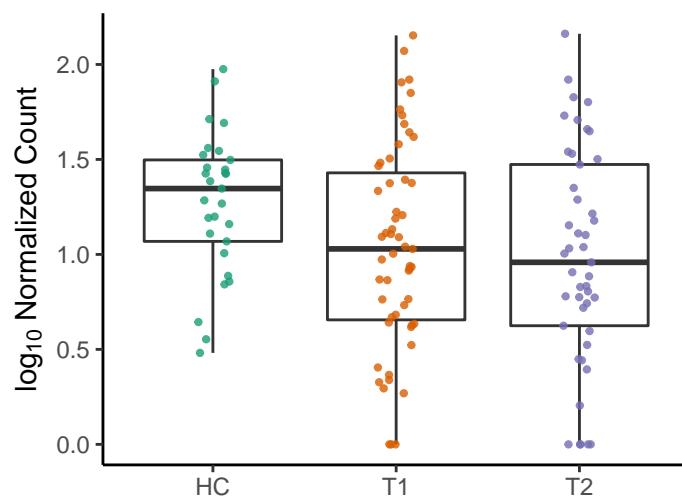
### Metallosphaera

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.072  
T1 vs. T2 adjusted p = 0.99



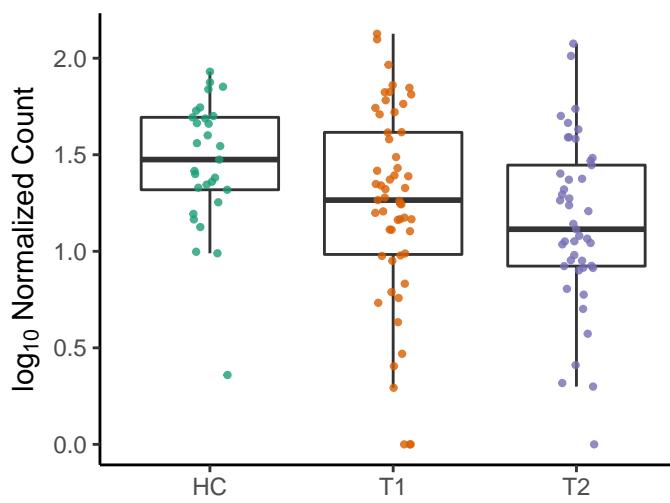
### Candidatus Tachikawaea

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.79



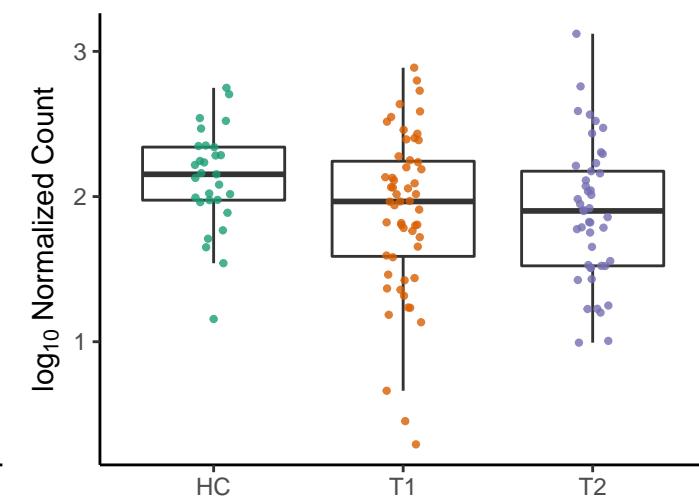
### Unclassified Thermoanaerobacteraceae

non-ED vs. T1 adjusted p = 0.041  
non-ED vs. T2 adjusted p = 0.01  
T1 vs. T2 adjusted p = 0.79



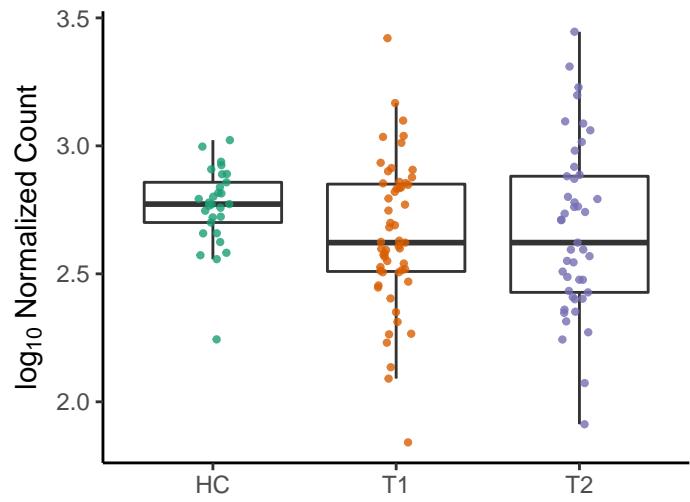
### Thermobispora

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.91



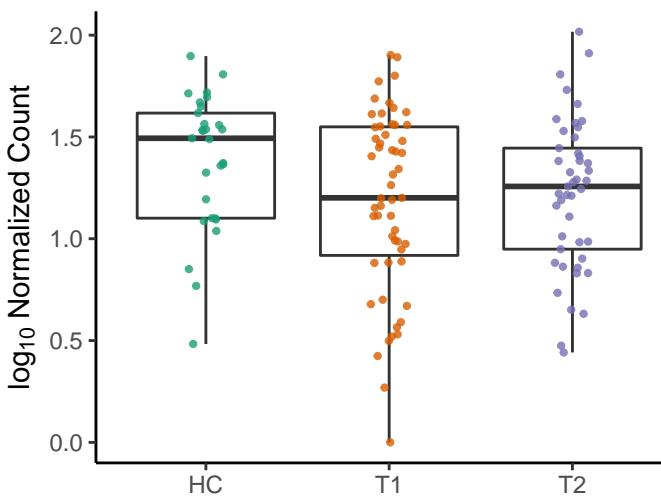
### Geosporobacter

non-ED vs. T1 adjusted p = 0.042  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.89



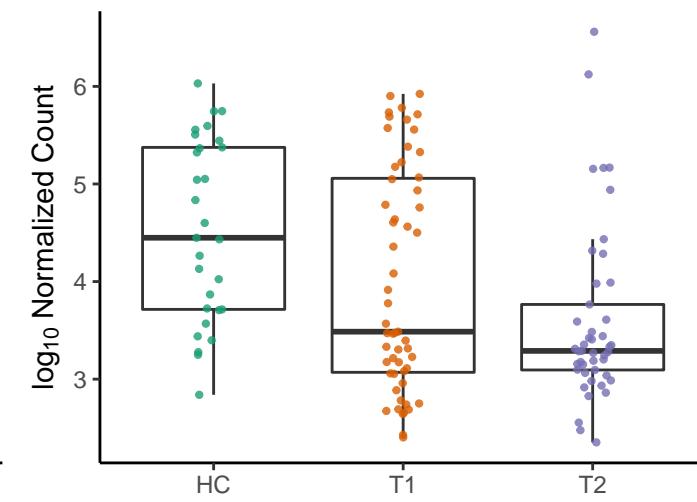
### Methanospaerula

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.86



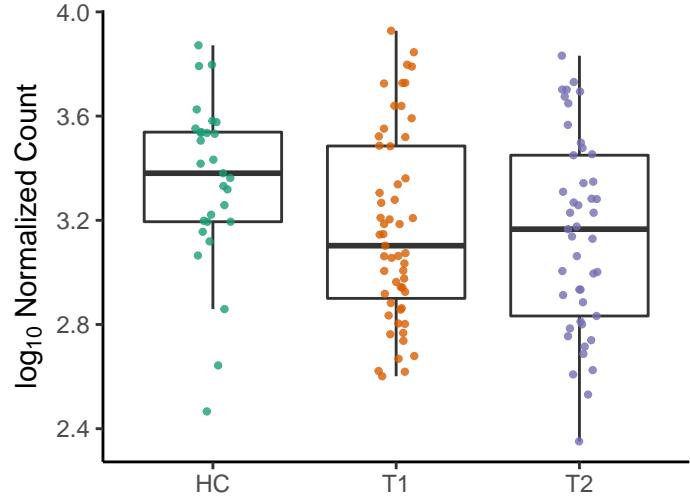
### Akkermansia

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.0031  
T1 vs. T2 adjusted p = 0.79



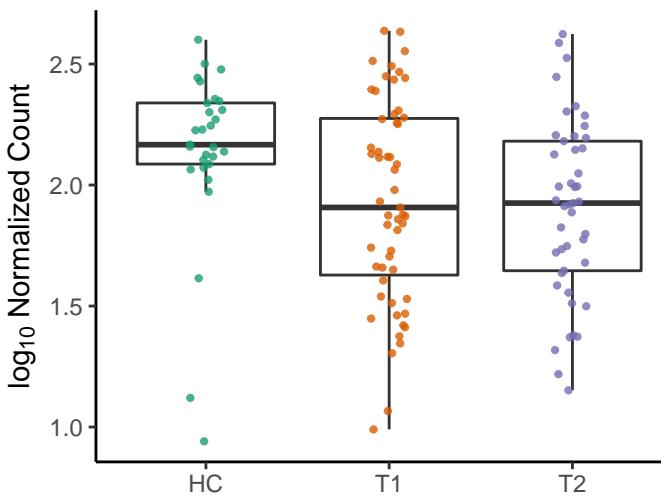
### Mycoplasma

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.035  
T1 vs. T2 adjusted p = 0.87



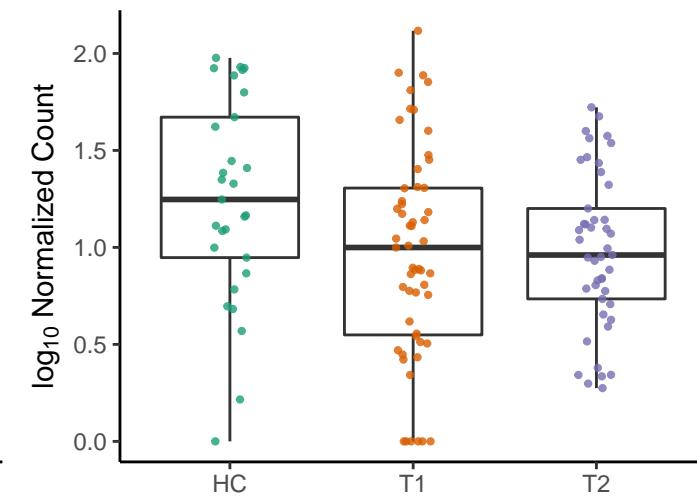
### Ilyobacter

non-ED vs. T1 adjusted p = 0.043  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.85



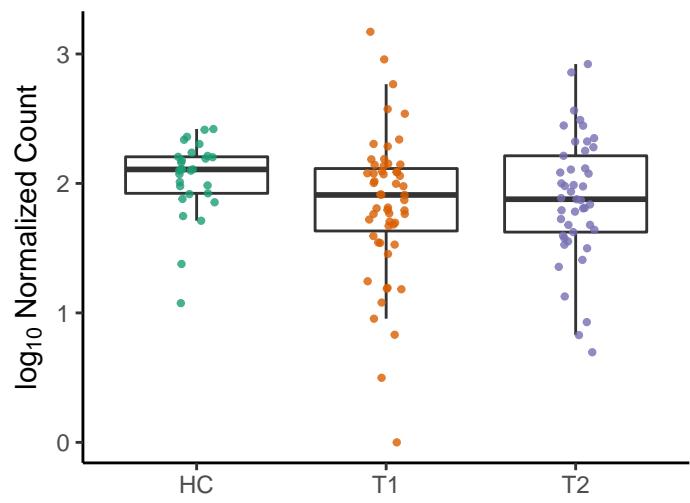
### Candidatus Atelocyanobacterium

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.91



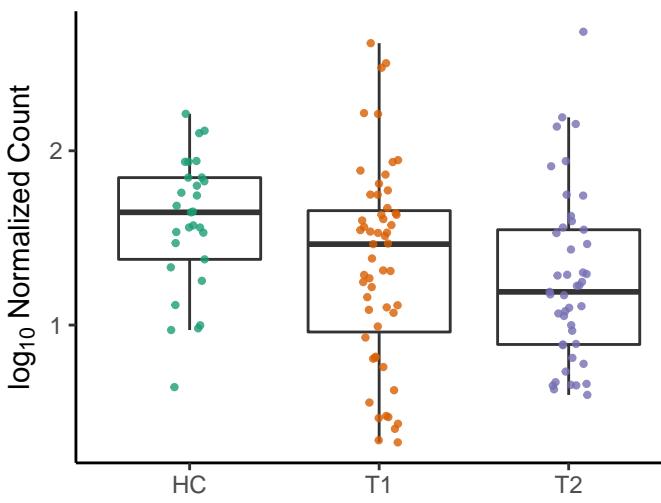
### Aquaspirillum

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



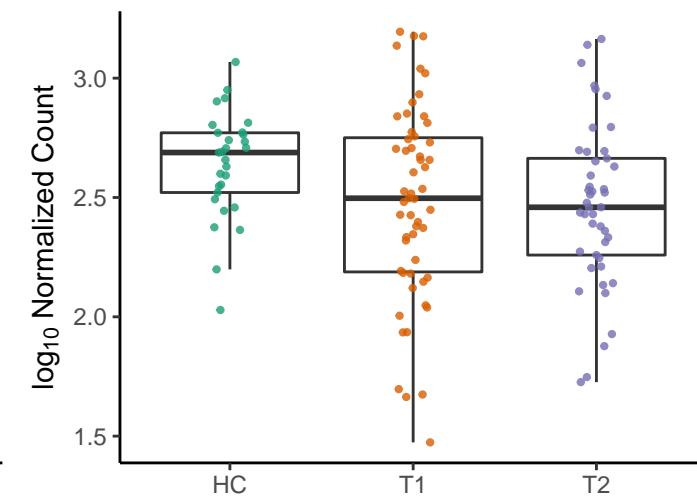
### Candidatus Sulcia

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.013  
T1 vs. T2 adjusted p = 0.79



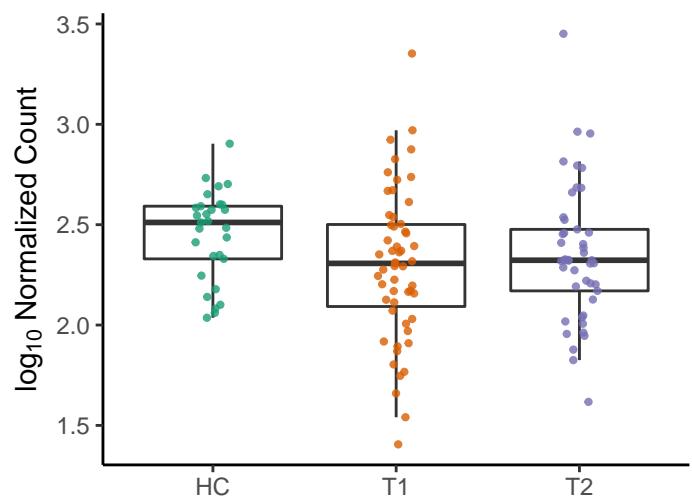
### Granulicella

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.97



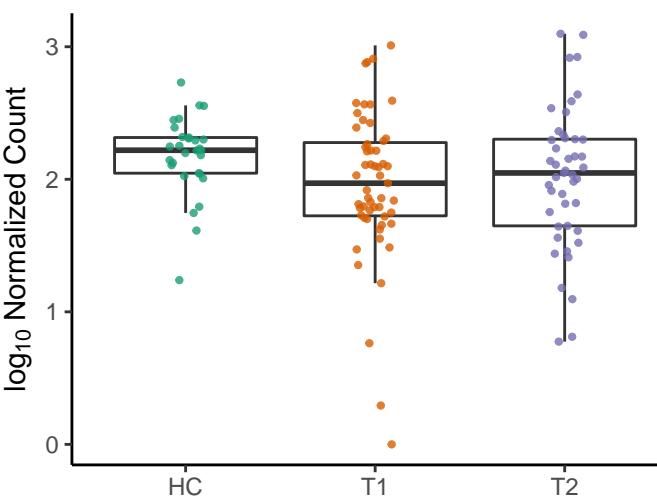
### Kypridia

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



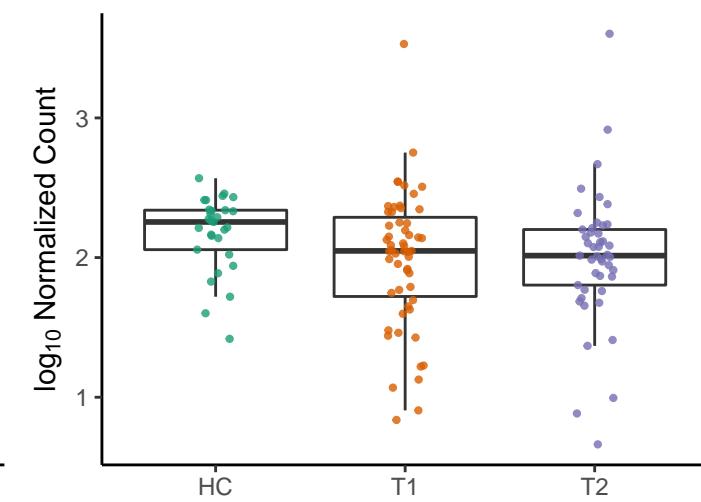
### Geodermatophilus

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



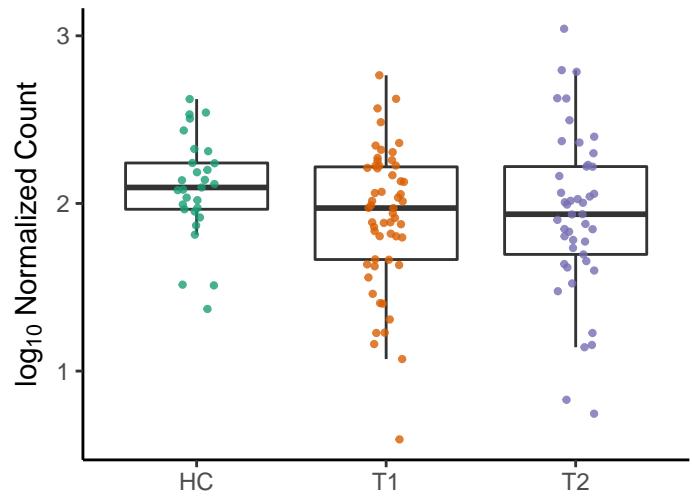
### Haliscomenobacter

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.99



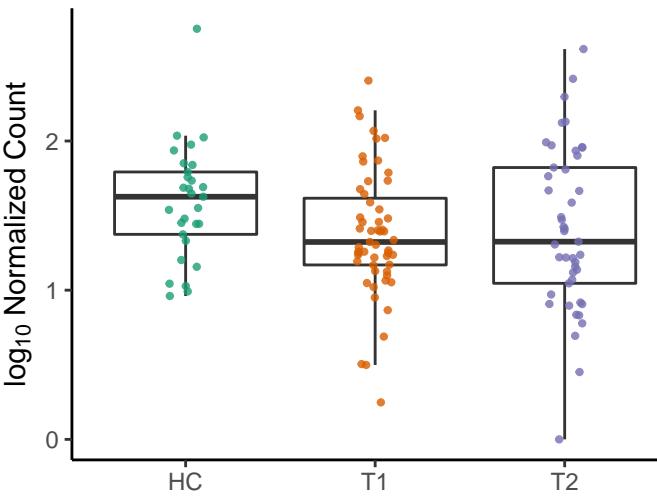
### Thermomonas

non-ED vs. T1 adjusted p = 0.044  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.85



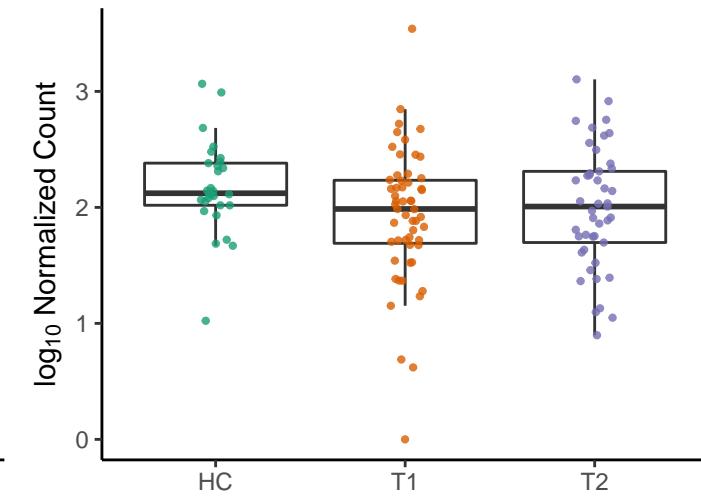
### Simkania

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.8



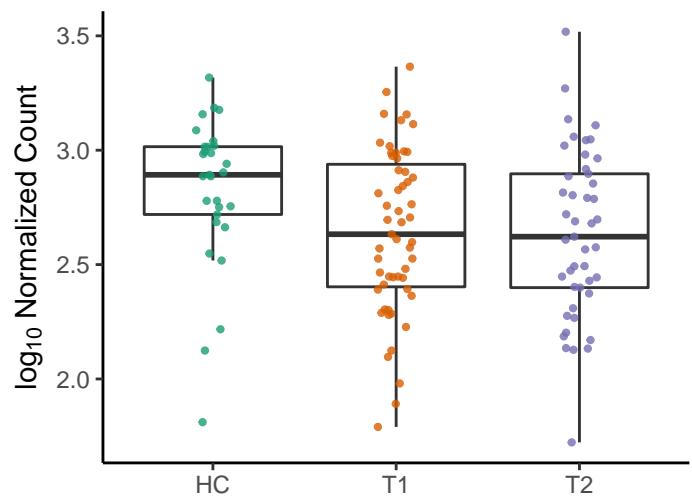
### Egicoccus

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



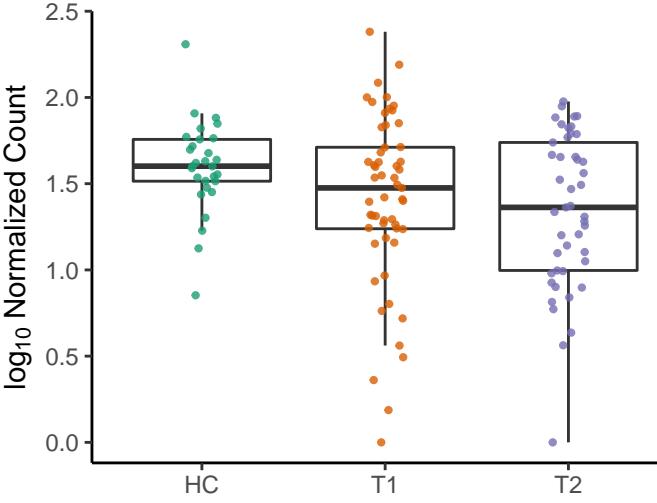
### Thermoanaerobacter

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.96



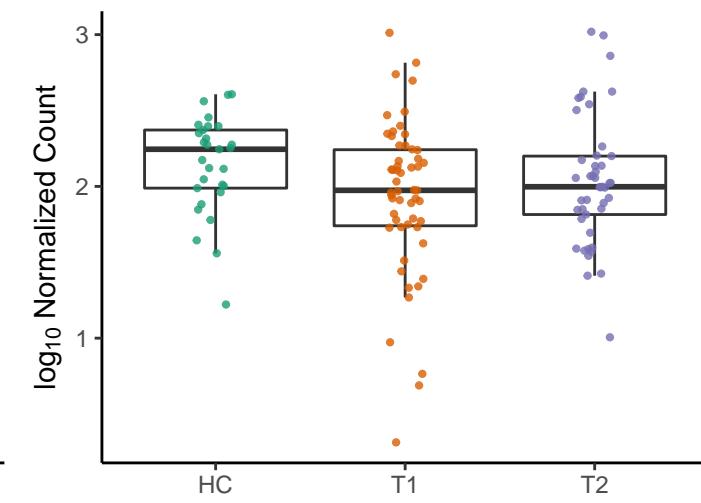
### Jonesia

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 1



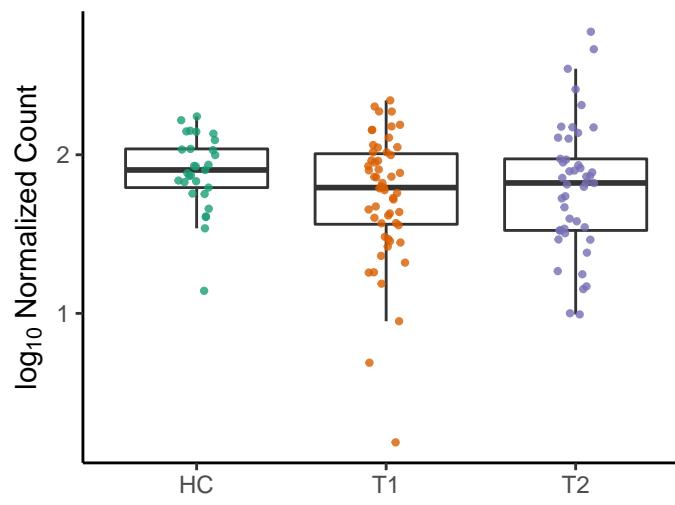
### Acidiphilium

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.79



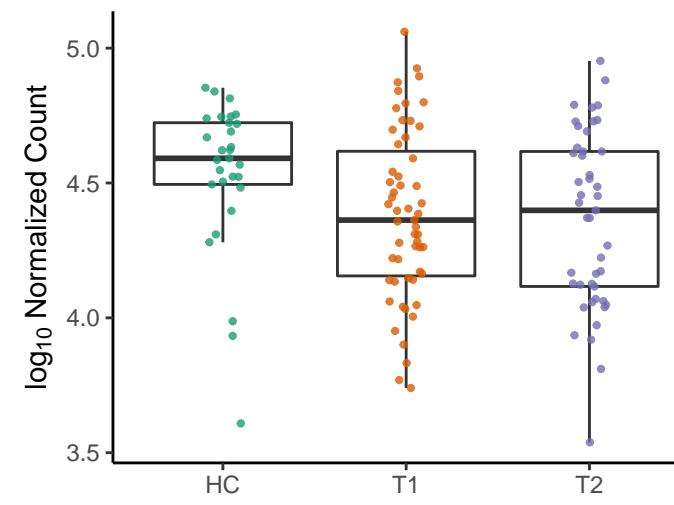
### Sulfuricella

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.79



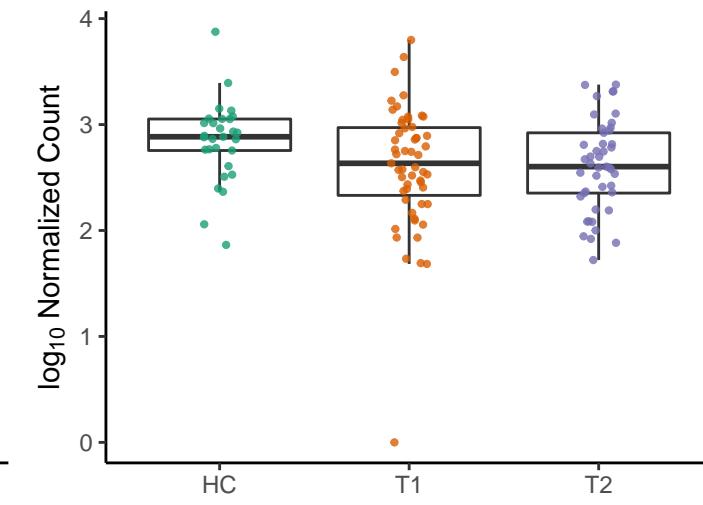
### Clostridium

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.91



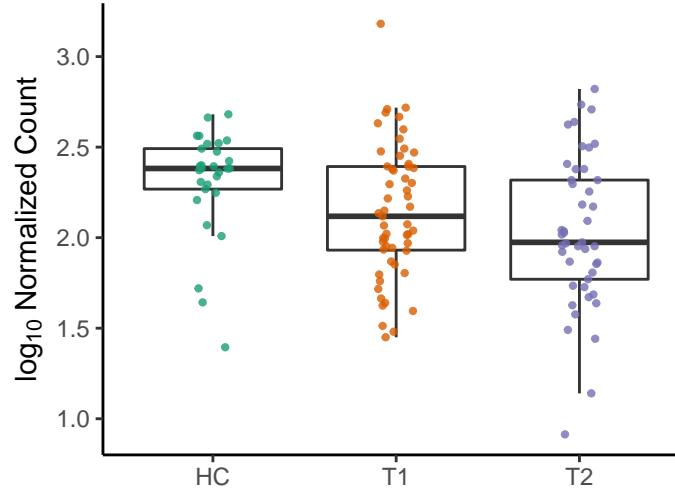
### Phoenicibacter

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 0.81



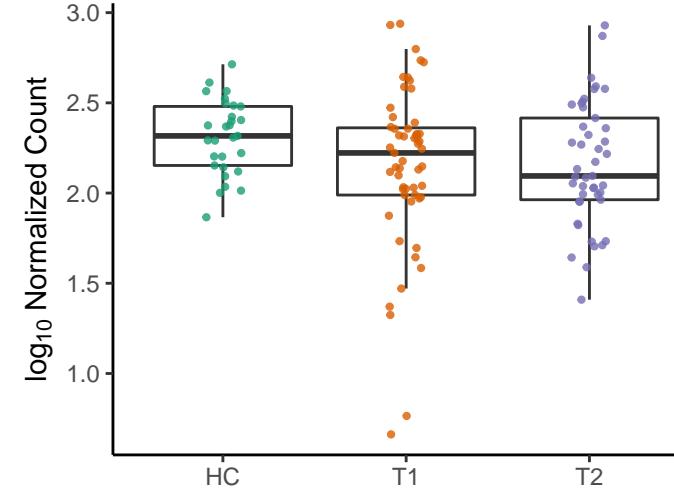
### Winogradskyella

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.011  
T1 vs. T2 adjusted p = 0.79



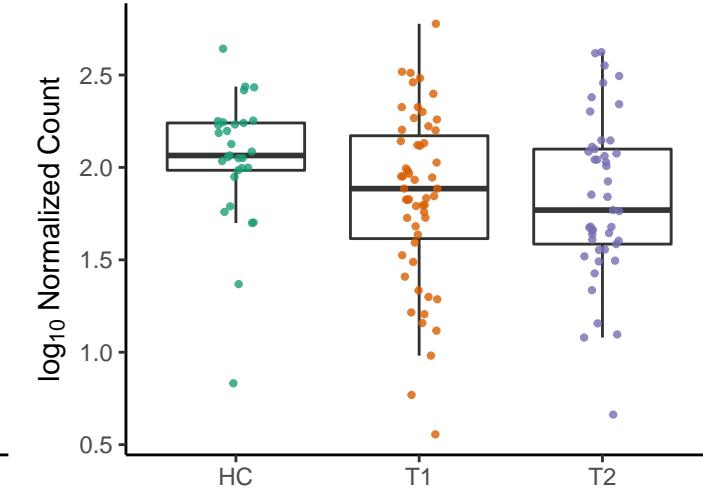
### Flaviflexus

non-ED vs. T1 adjusted p = 0.045  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.97



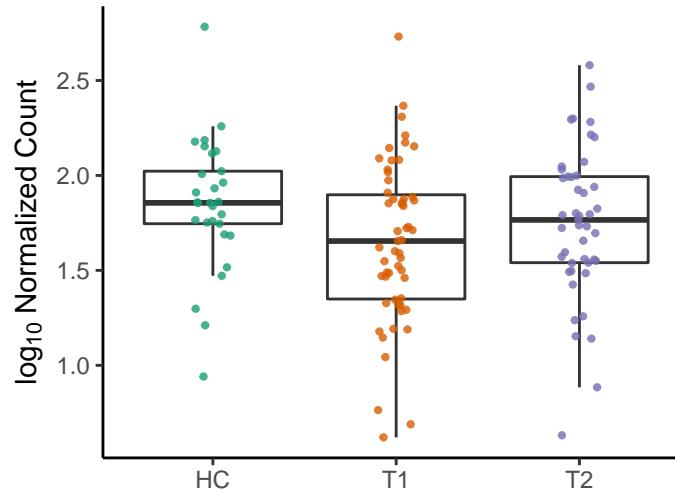
### Nitrosopumilus

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.047  
T1 vs. T2 adjusted p = 0.98



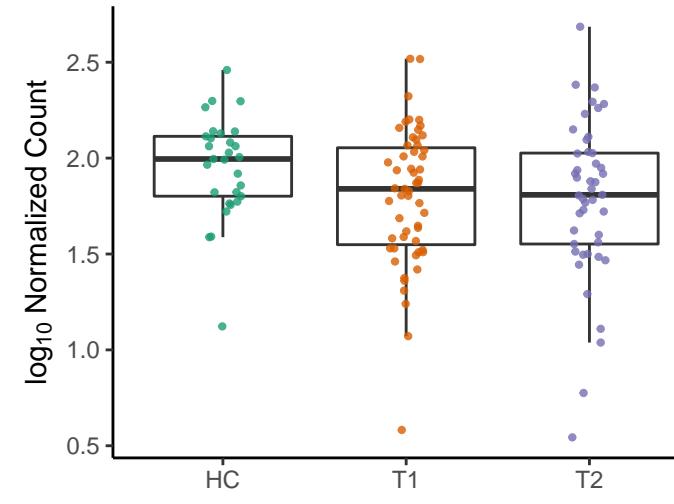
### Oxynema

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.31  
T1 vs. T2 adjusted p = 0.79



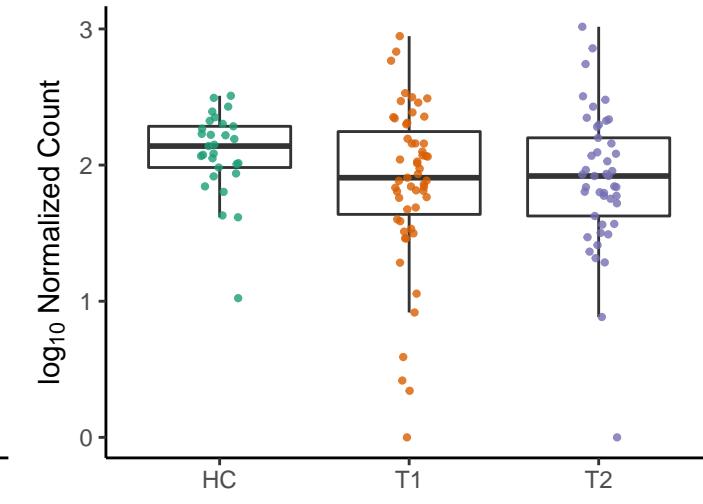
### Phyllobacterium

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.059  
T1 vs. T2 adjusted p = 0.99



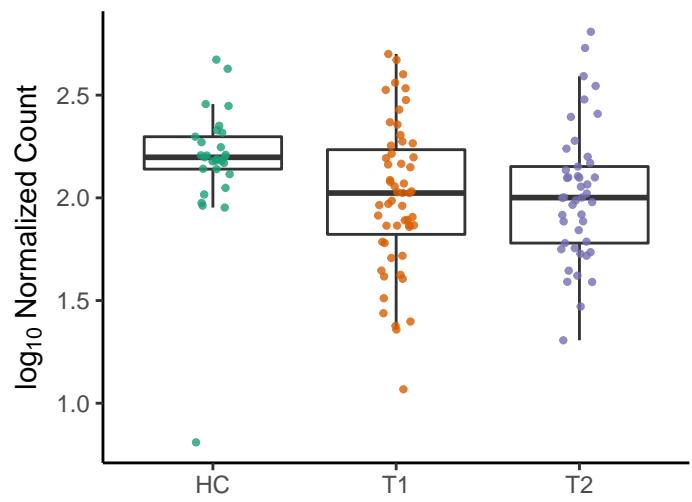
### Pelagibaca

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.91



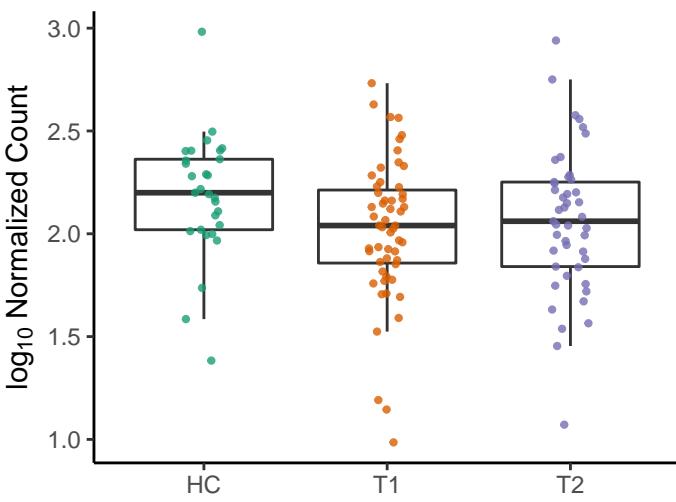
### Filimonas

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.062  
T1 vs. T2 adjusted p = 1



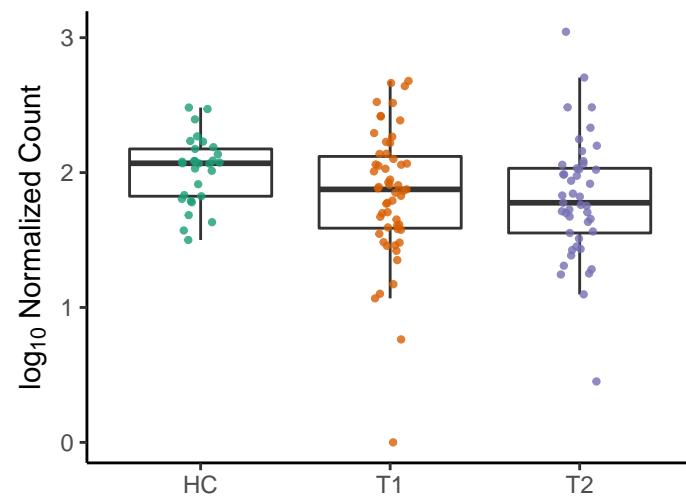
### Pragia

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.79



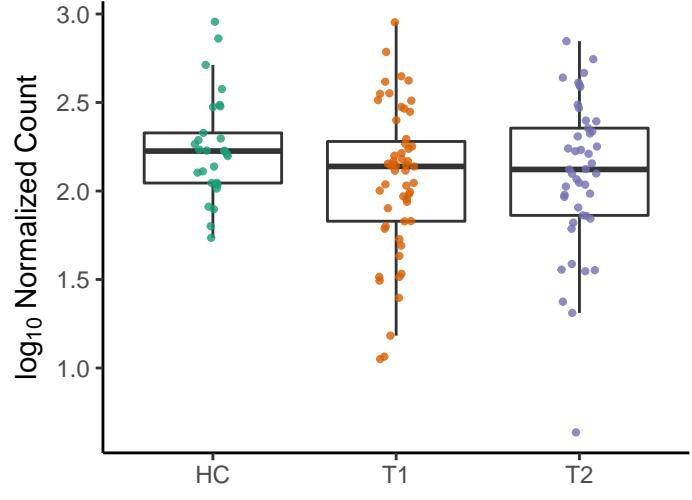
### Unclassified Desulfuromonadales Order

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 1



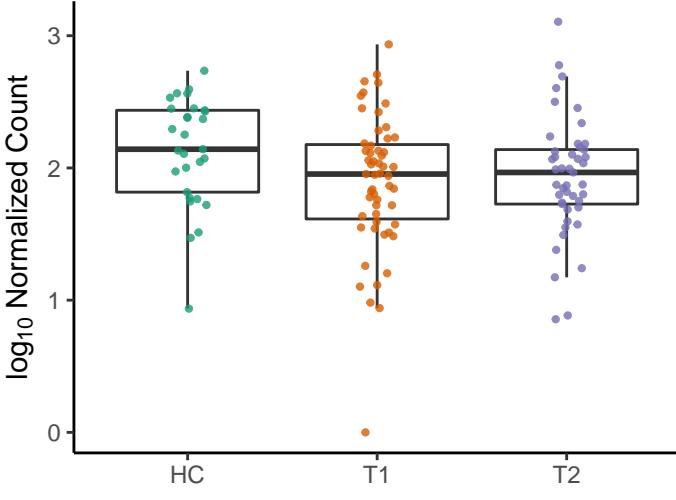
### Cardiobacterium

non-ED vs. T1 adjusted p = 0.046  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.79



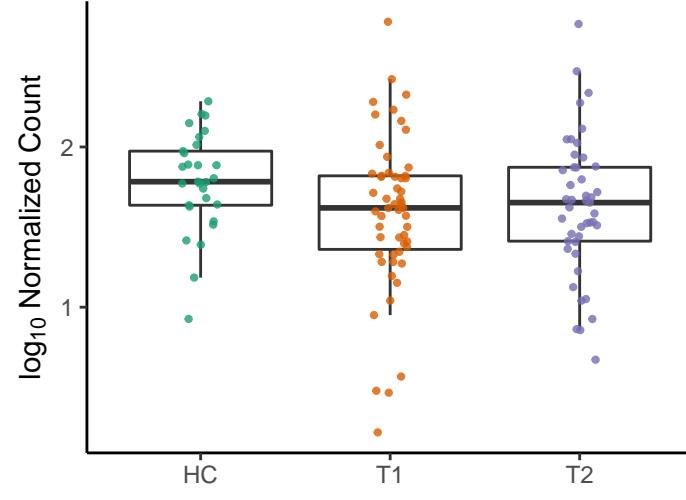
### Bradymonas

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.8



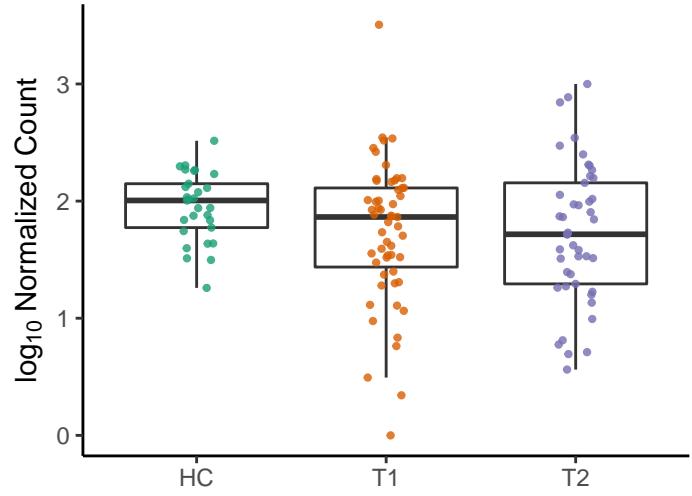
### Pleurocapsa

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.8



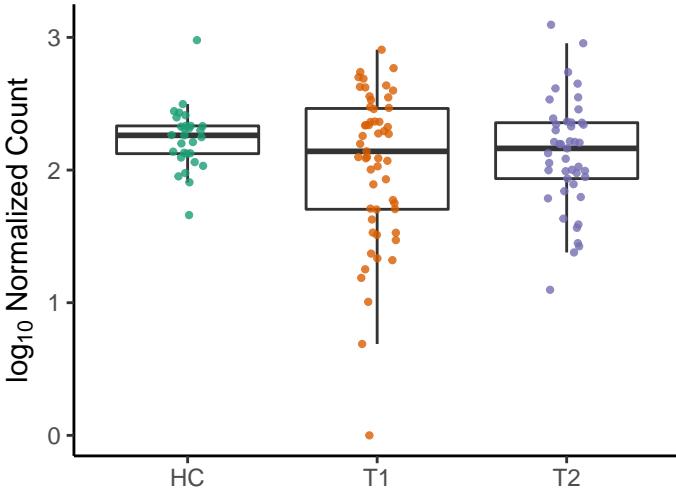
### Luteimicrobium

non-ED vs. T1 adjusted p = 0.047  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.97



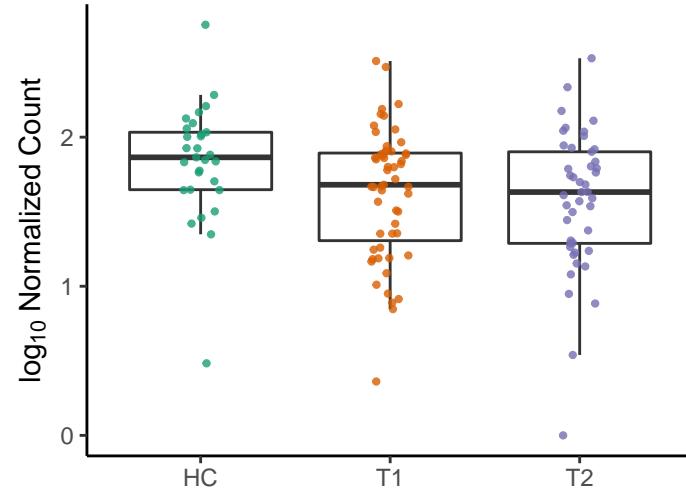
### Methylosinus

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.79



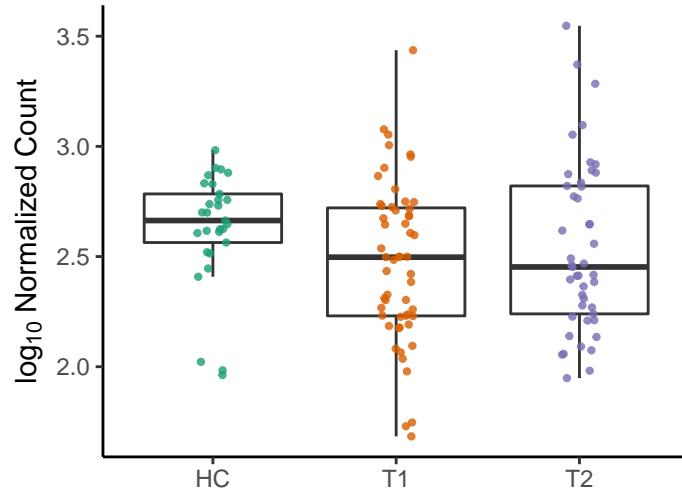
### Debaromyces

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.029  
T1 vs. T2 adjusted p = 0.83



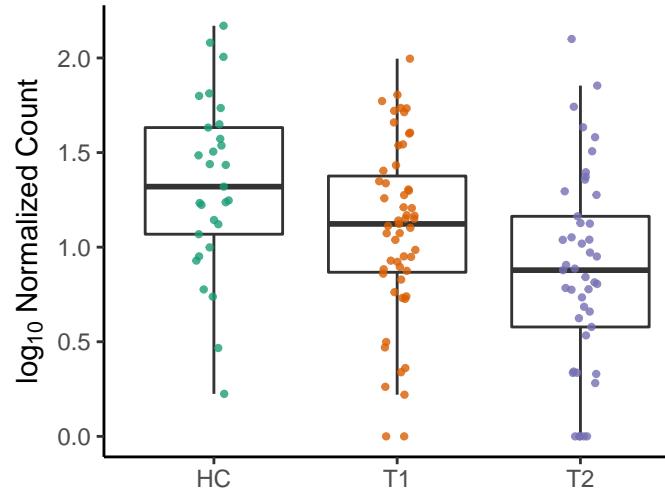
### Filifactor

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.27  
T1 vs. T2 adjusted p = 0.8



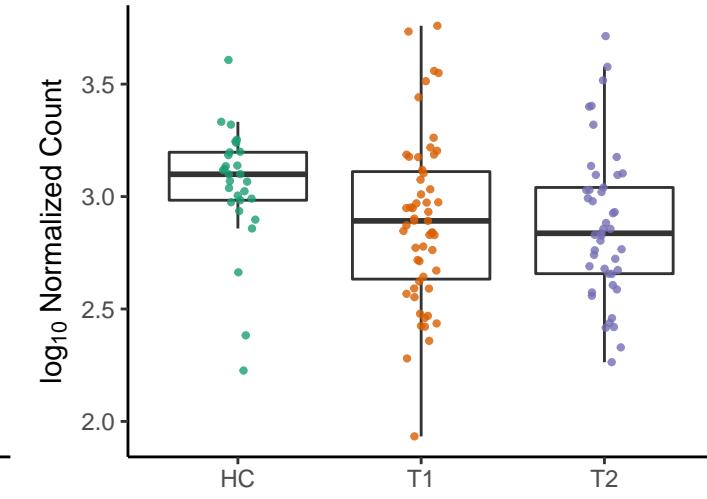
### Candidatus Gullanella

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.0051  
T1 vs. T2 adjusted p = 0.79



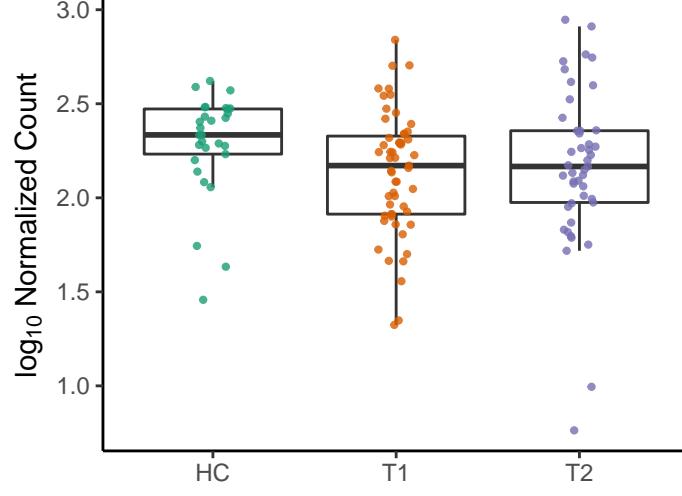
### Peptoniphilus

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.98



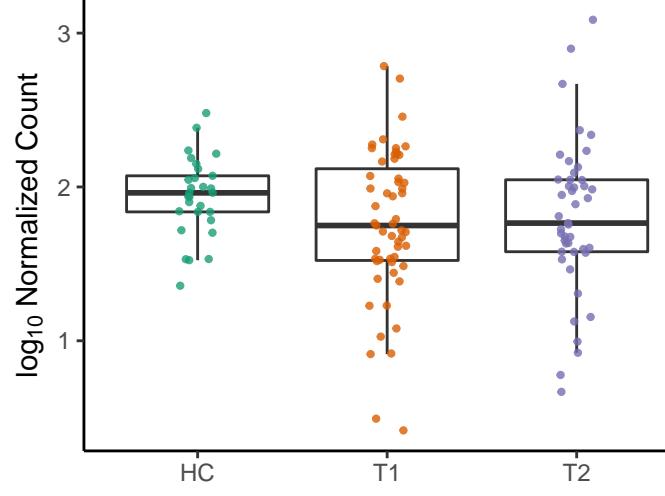
### Anoxybacter

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.91



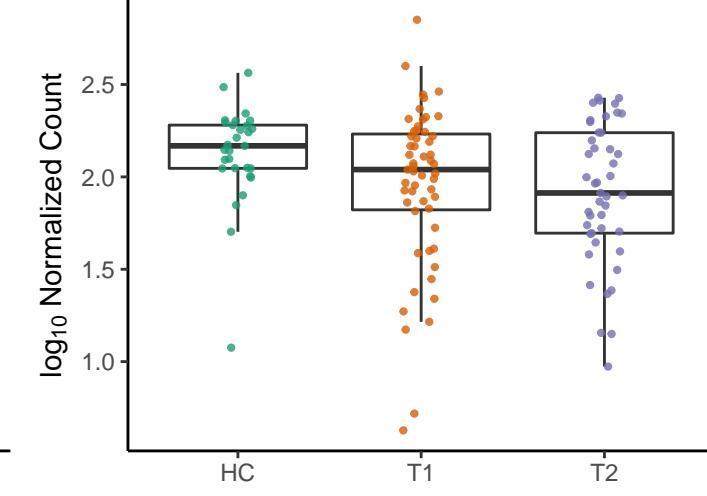
### Polymorphum

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.85



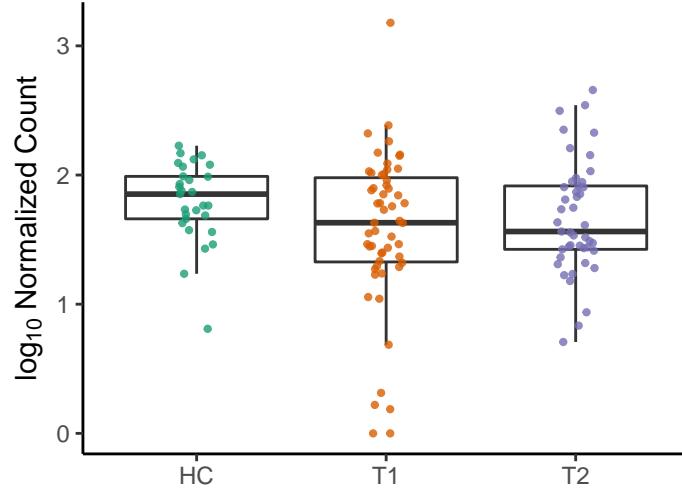
### Dyadobacter

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.021  
T1 vs. T2 adjusted p = 0.8



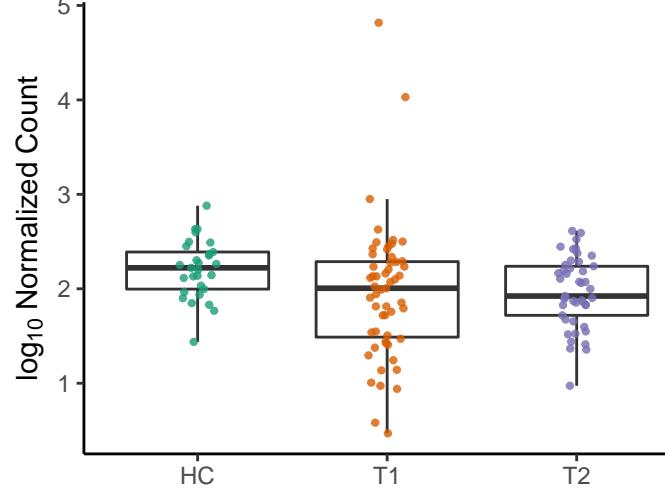
### Candidatus Symbiobacter

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



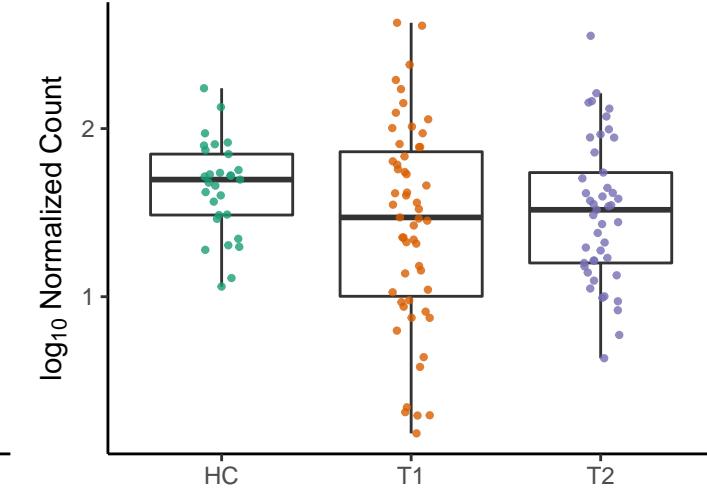
### Actinotignum

non-ED vs. T1 adjusted p = 0.048  
non-ED vs. T2 adjusted p = 0.016  
T1 vs. T2 adjusted p = 0.91



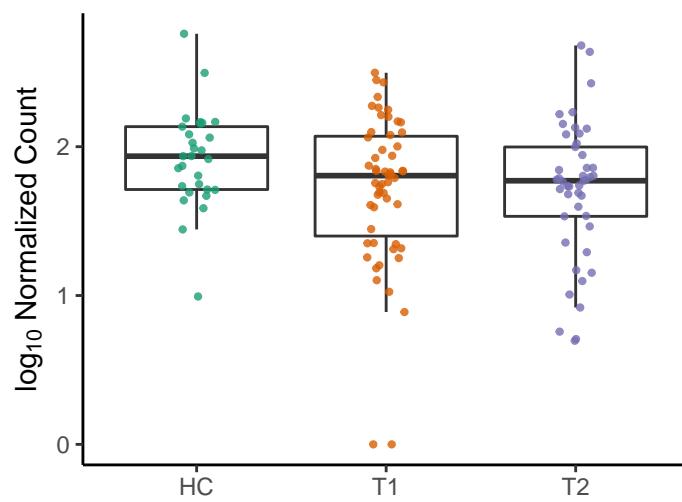
### Halopiger

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.79



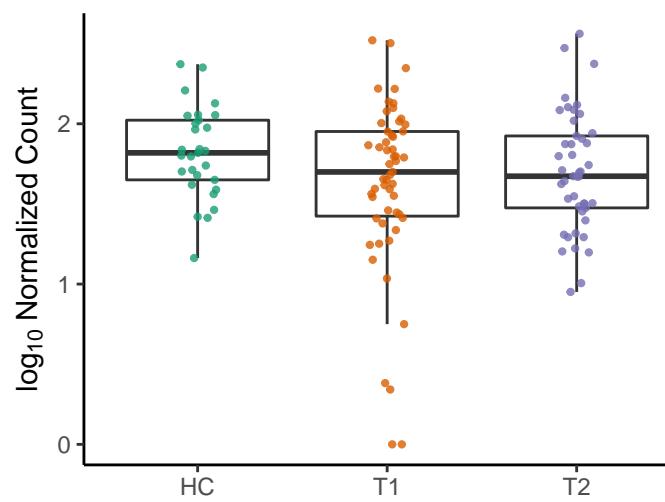
### Thermochromatium

non-ED vs. T1 adjusted p = 0.049  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.97



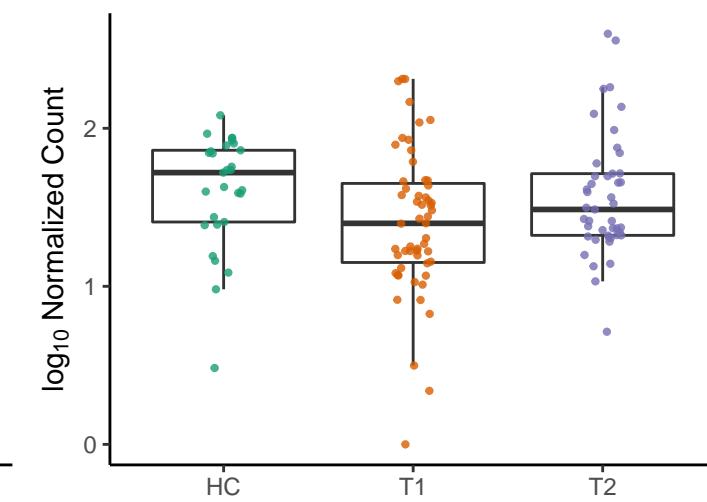
### Acidothermus

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



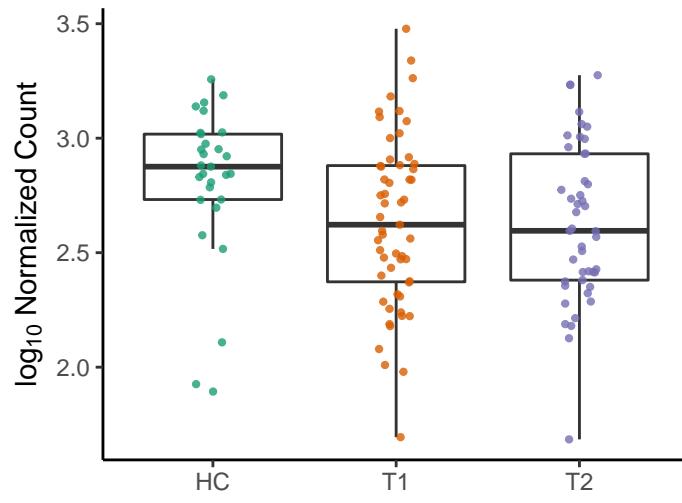
### Hirschia

non-ED vs. T1 adjusted p = 0.05  
non-ED vs. T2 adjusted p = 0.7  
T1 vs. T2 adjusted p = 0.79



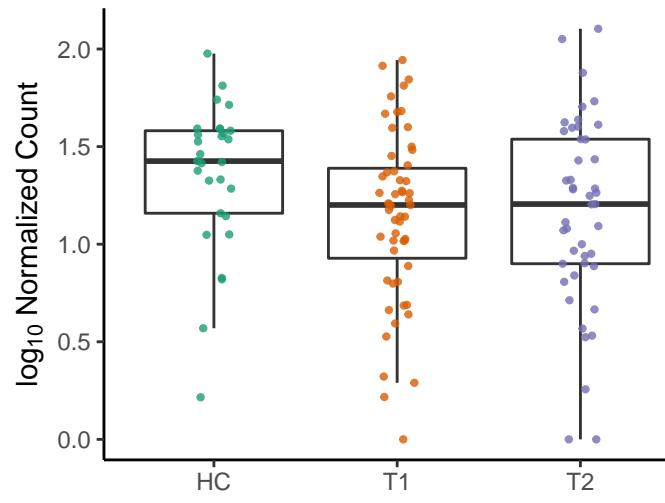
### Francisella

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.048  
T1 vs. T2 adjusted p = 0.97



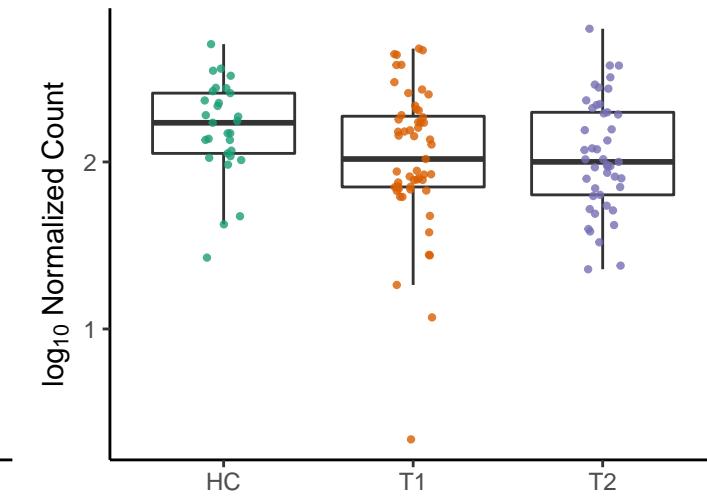
### Otariodibacter

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.096  
T1 vs. T2 adjusted p = 0.92



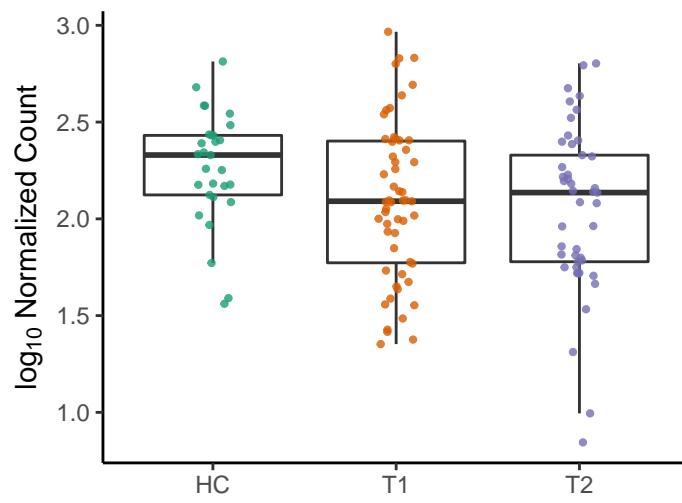
### Moritella

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 1



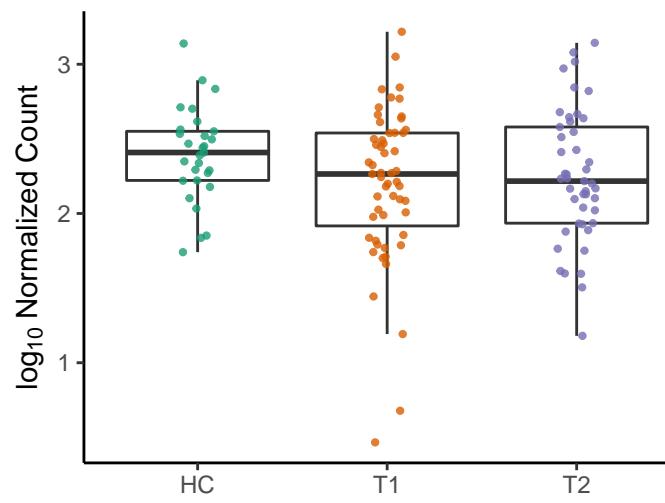
### Halobacteriovorax

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.91



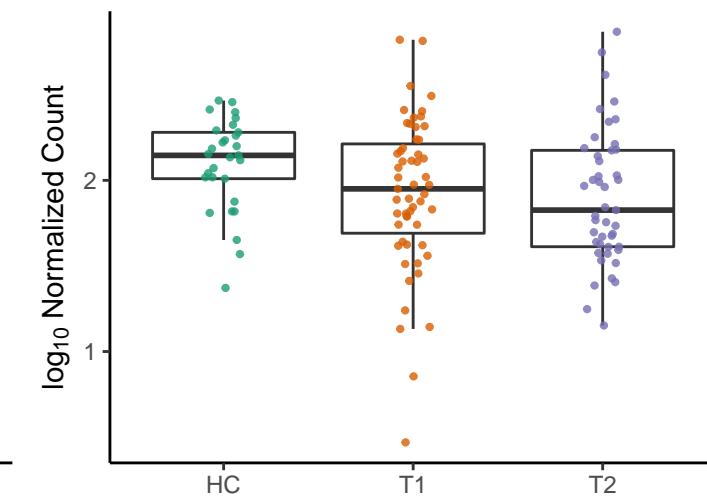
### Dehalogenimonas

non-ED vs. T1 adjusted p = 0.051  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



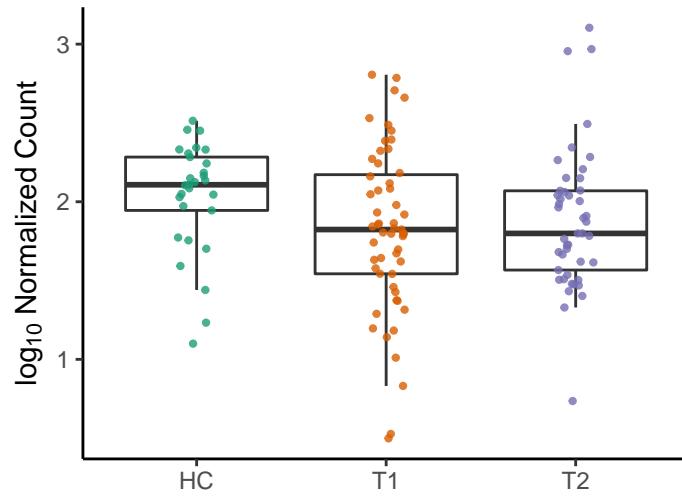
### Caldithrix

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.91



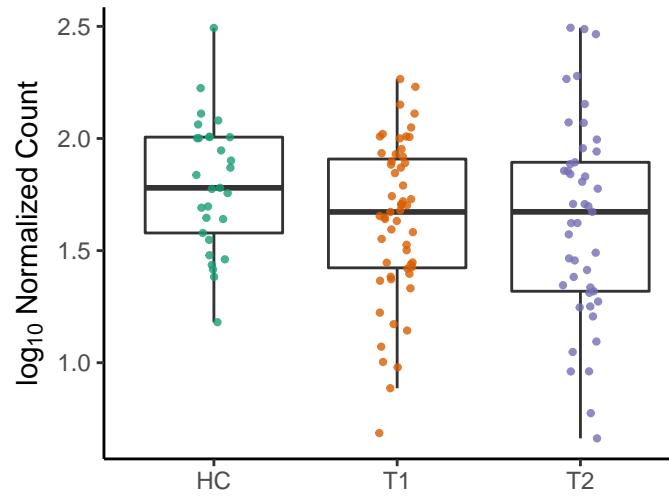
### Methylophaga

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.81



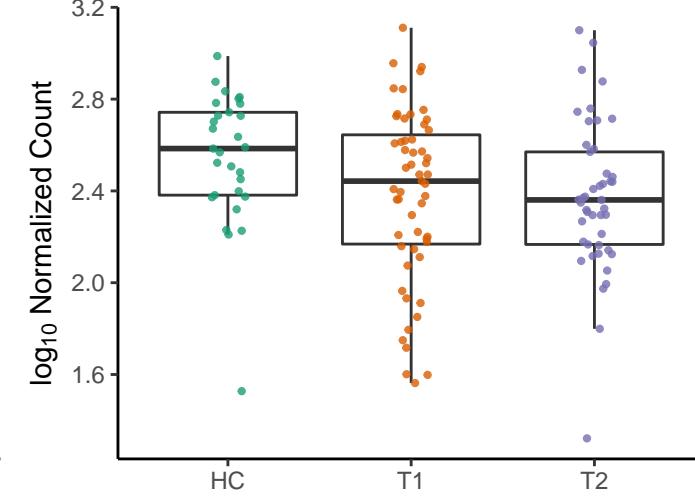
### Muriicola

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.99



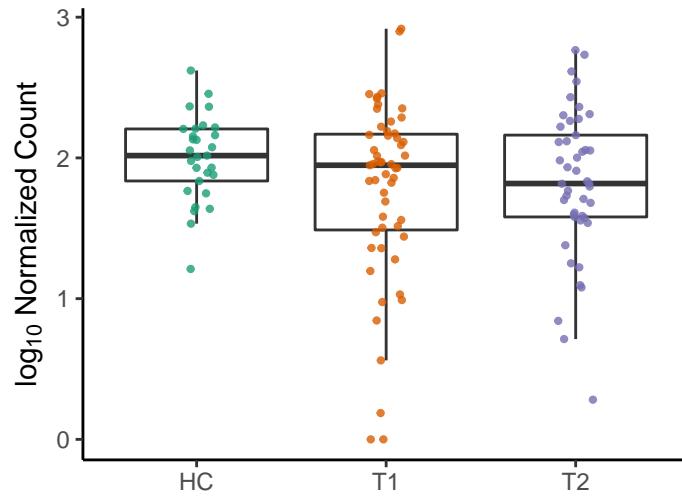
### Rufibacter

non-ED vs. T1 adjusted p = 0.052  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 1



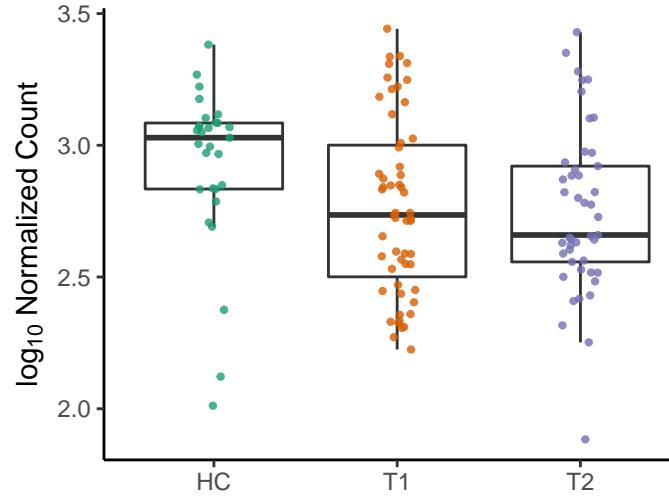
### Unclassified Desulfovibrionales Order

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.099  
T1 vs. T2 adjusted p = 0.82



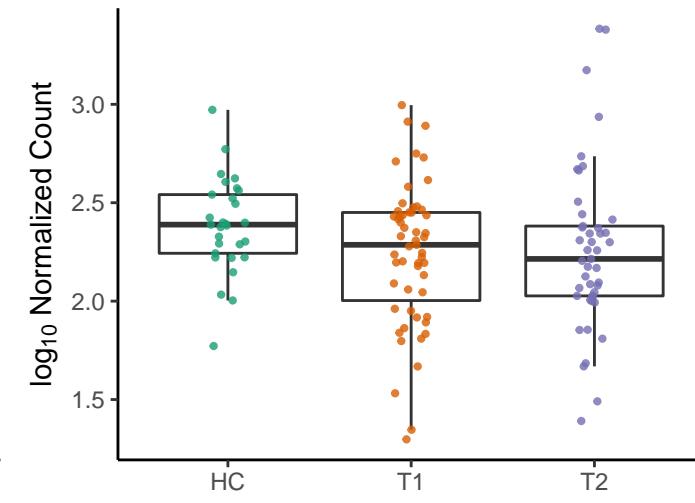
### Lysinibacillus

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.91



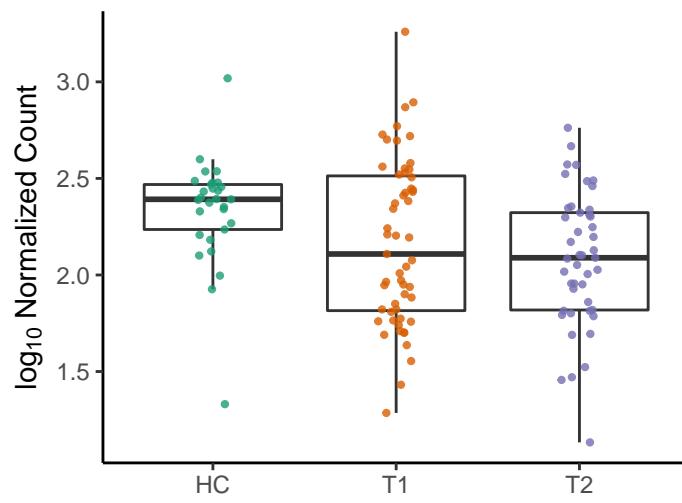
### Methylomicrobium

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.81



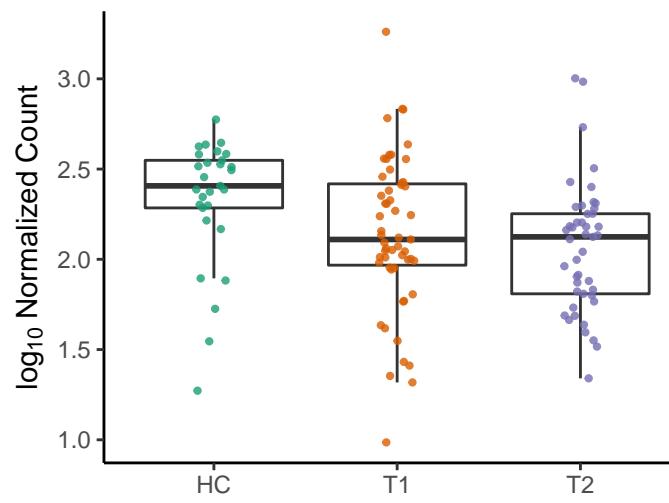
### Ezakiella

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



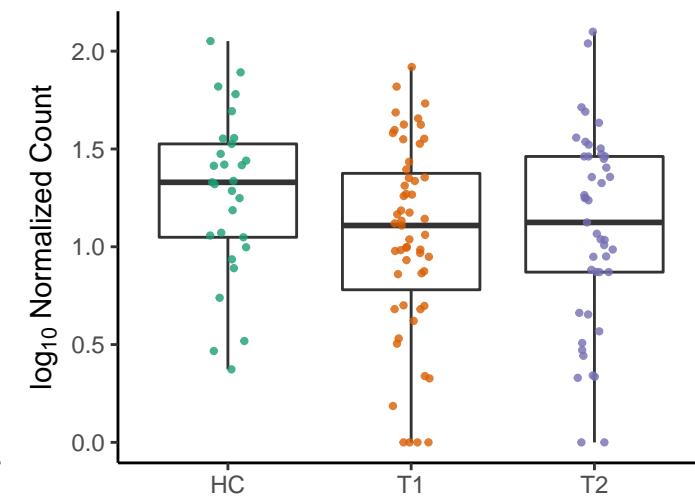
### Fastidiosipila

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



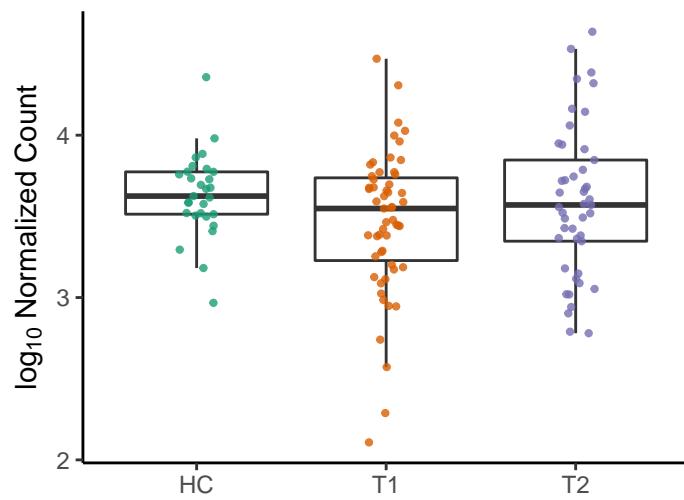
### Tropheryma

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.91



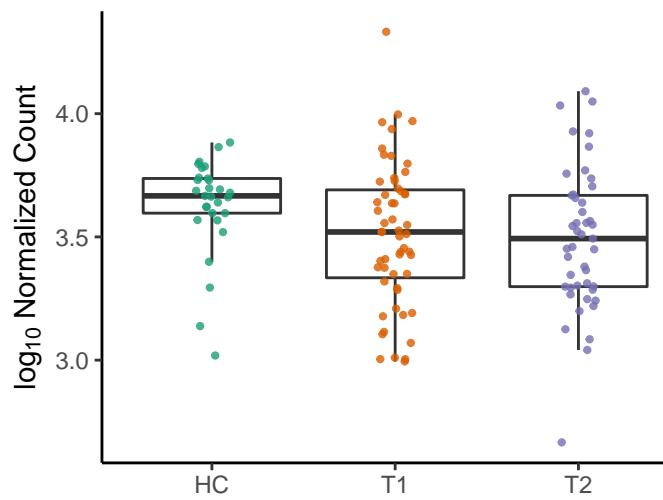
### Caproiciproducens

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.64  
T1 vs. T2 adjusted p = 0.79



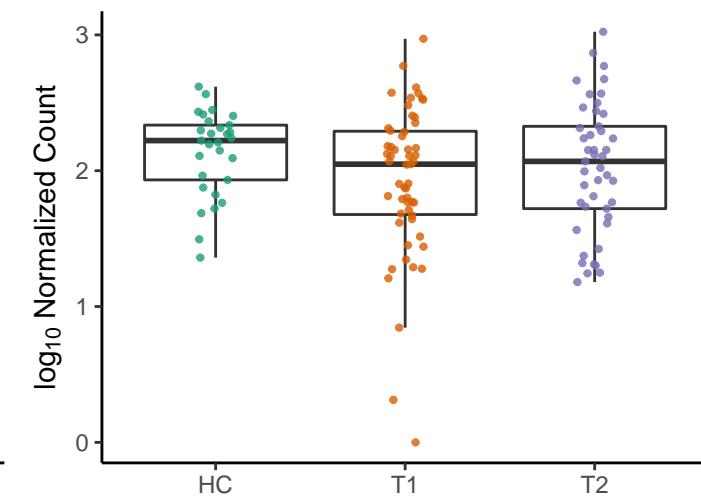
### Chryseobacterium

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.9



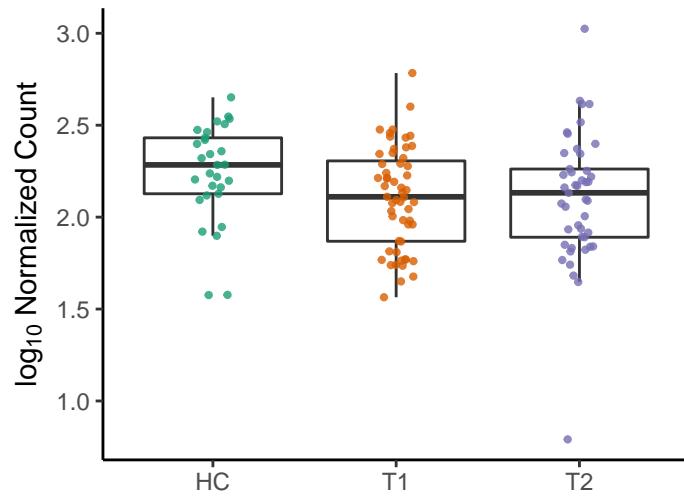
### Micropruina

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.79



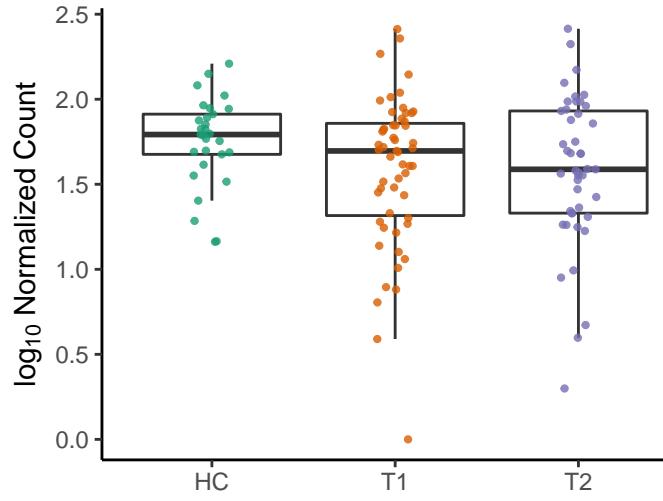
### Tatumella

non-ED vs. T1 adjusted p = 0.053  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.97



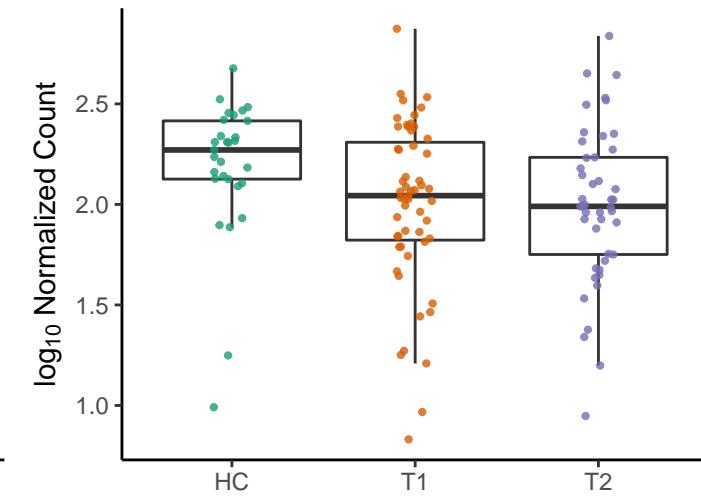
### Gloeomargarita

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.069  
T1 vs. T2 adjusted p = 0.91



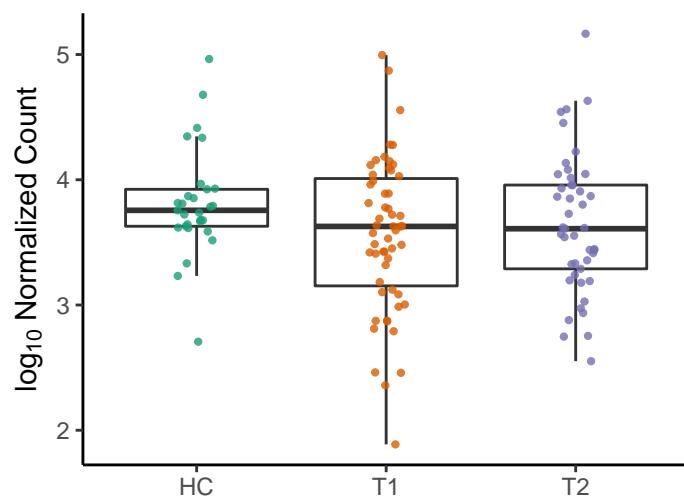
### Solitalea

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.98



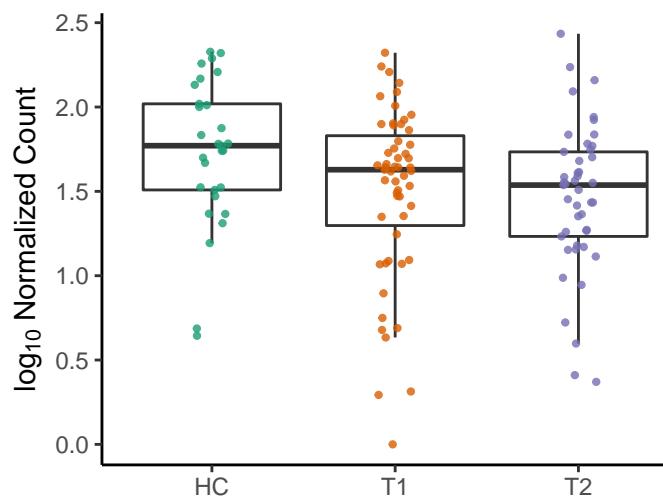
### Olsenella

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



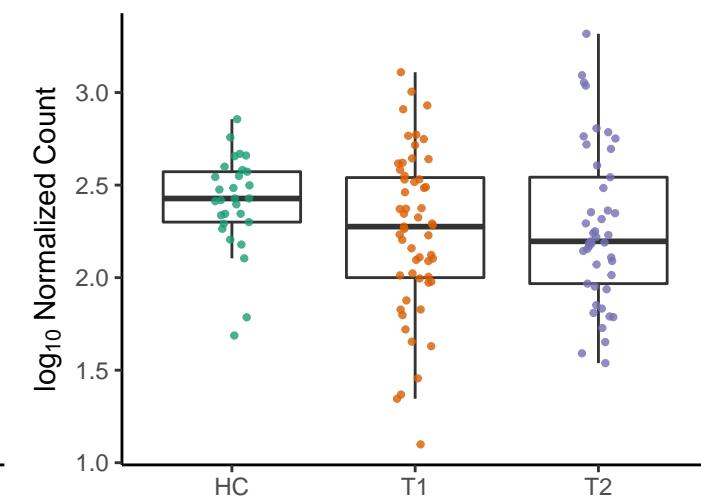
### Wolinella

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.031  
T1 vs. T2 adjusted p = 0.86



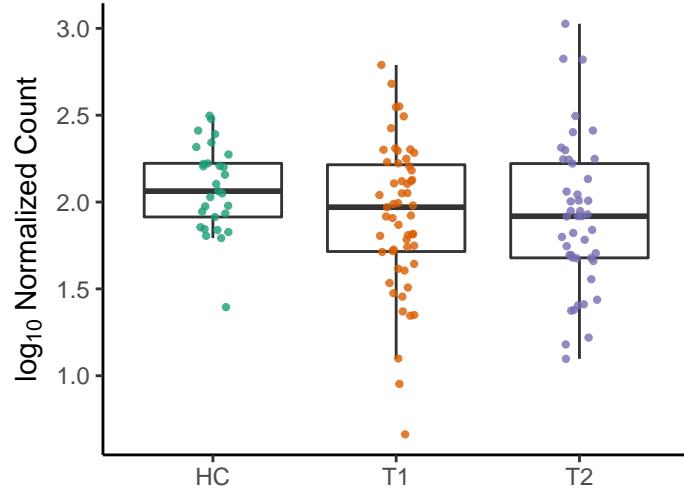
### Unclassified Bradyrhizobiaceae Family

non-ED vs. T1 adjusted p = 0.054  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.92



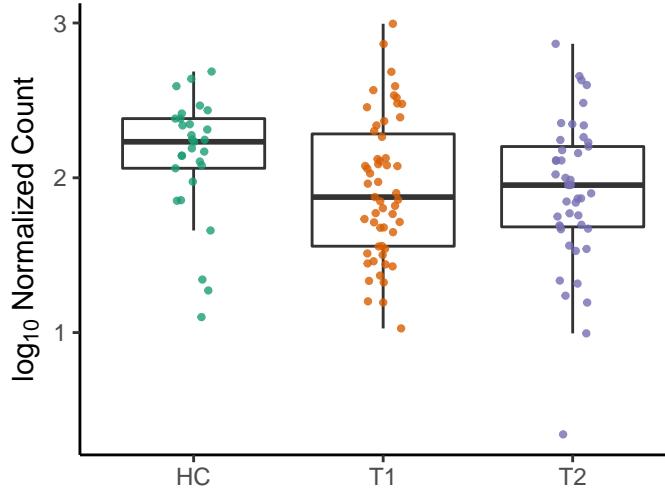
### *Croceicoccus*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.071  
 T1 vs. T2 adjusted p = 0.95



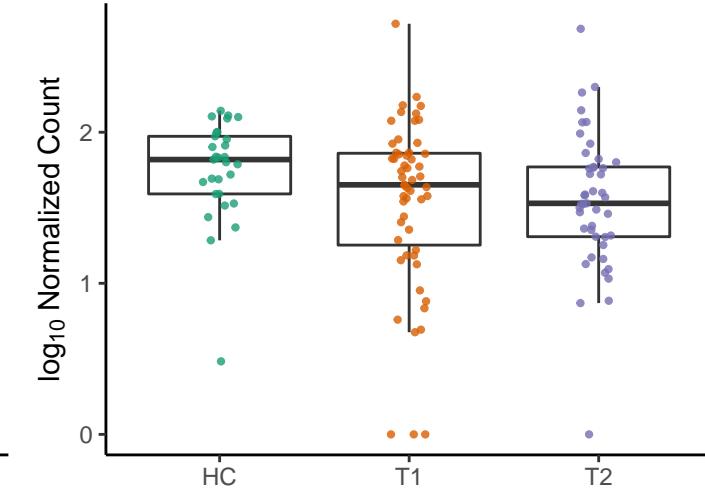
### *Marinitoga*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.048  
 T1 vs. T2 adjusted p = 0.92



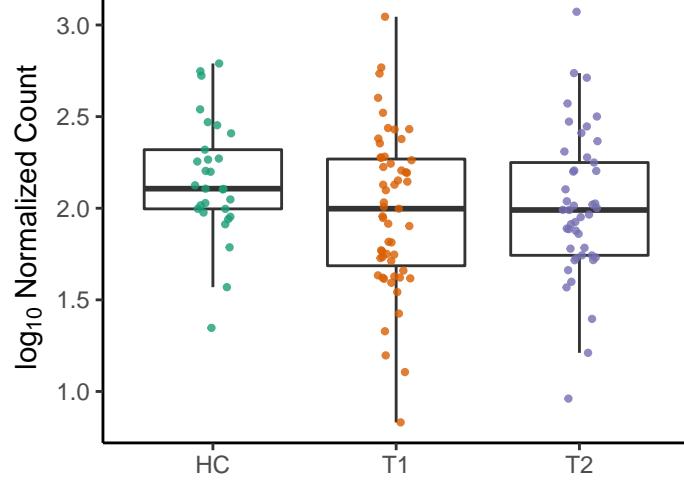
### *Woeseia*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.052  
 T1 vs. T2 adjusted p = 0.92



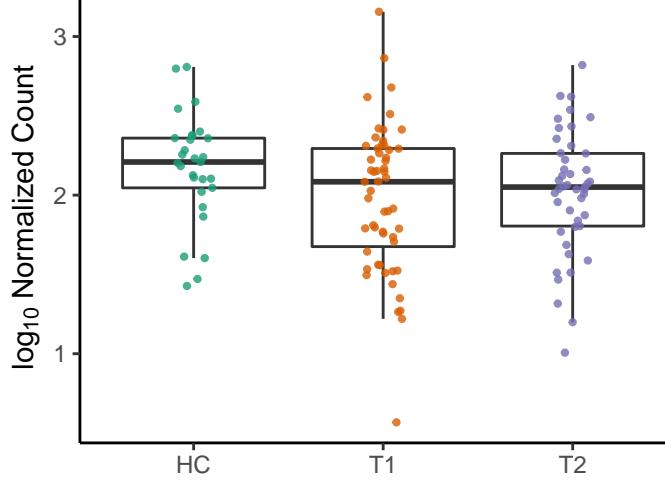
### *Gynuella*

non-ED vs. T1 adjusted p = 0.055  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.8



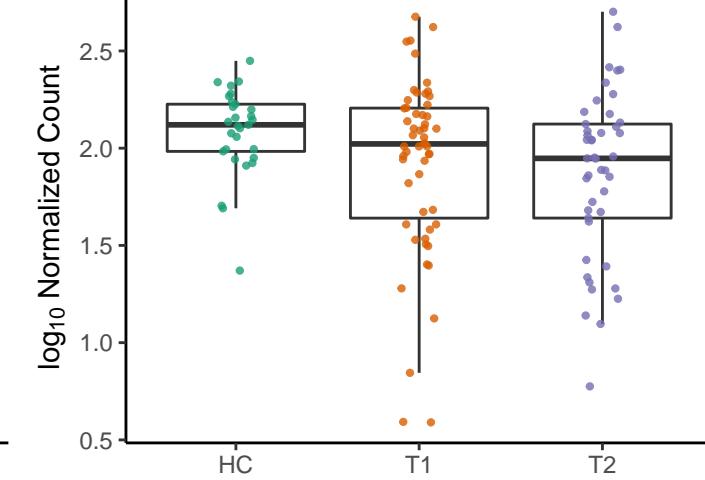
### *Cobetia*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.11  
 T1 vs. T2 adjusted p = 0.8



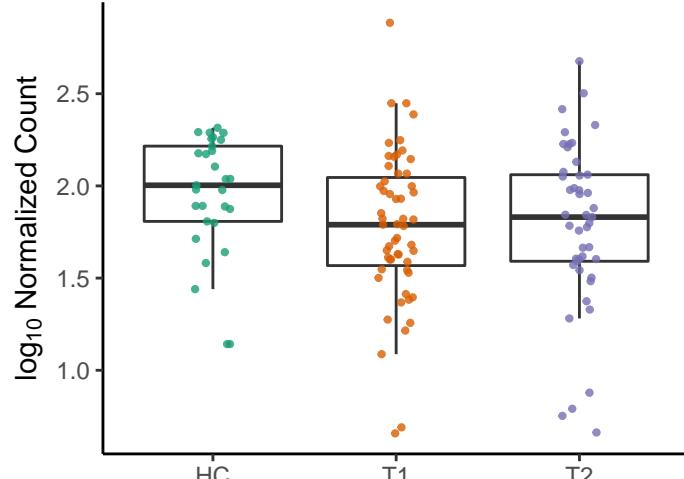
### *Nitrobacter*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.94



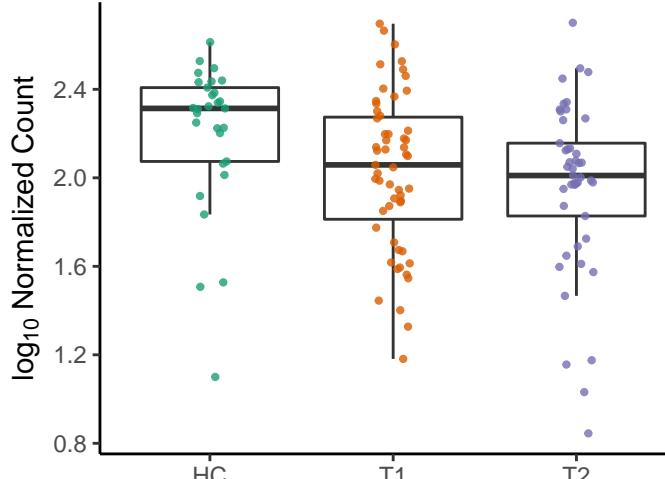
### *Thermodesulfovibrio*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.099  
 T1 vs. T2 adjusted p = 0.97



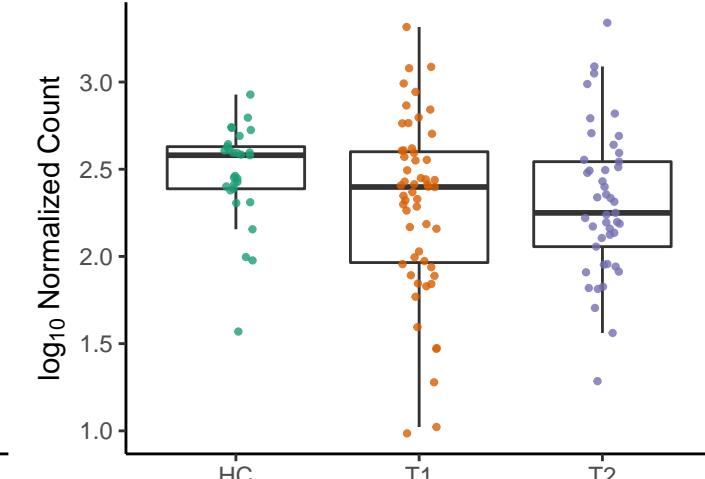
### *Kordia*

non-ED vs. T1 adjusted p = 0.056  
 non-ED vs. T2 adjusted p = 0.024  
 T1 vs. T2 adjusted p = 0.79



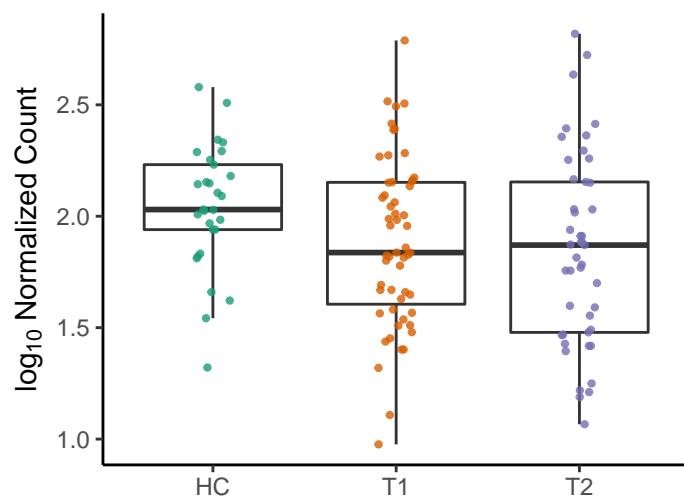
### *Candidatus Desulfuridis*

non-ED vs. T1 adjusted p = 0.057  
 non-ED vs. T2 adjusted p = 0.066  
 T1 vs. T2 adjusted p = 0.81



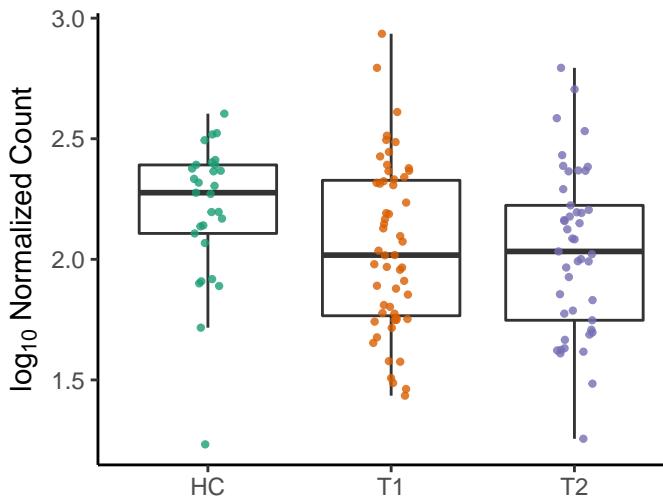
### Kluyveromyces

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



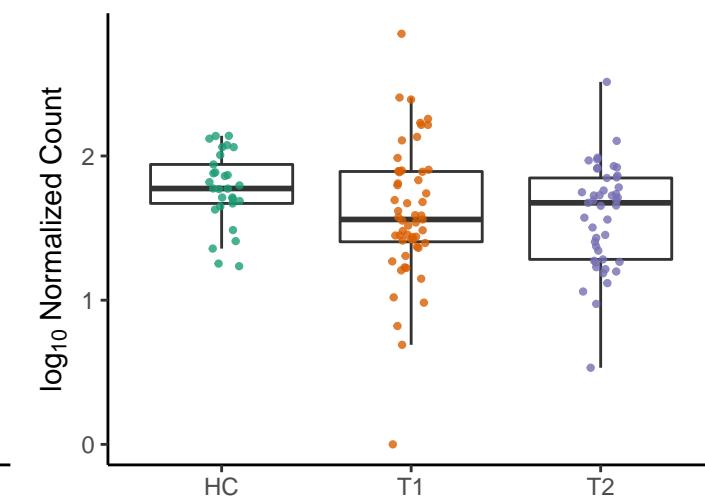
### Aeribacillus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.98



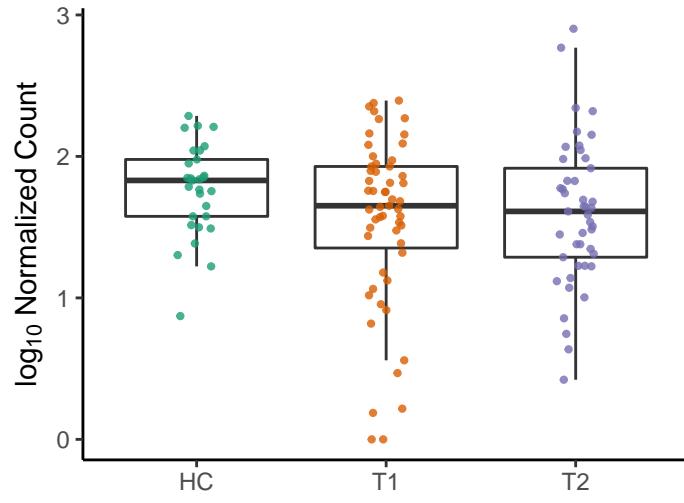
### Orbus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.97



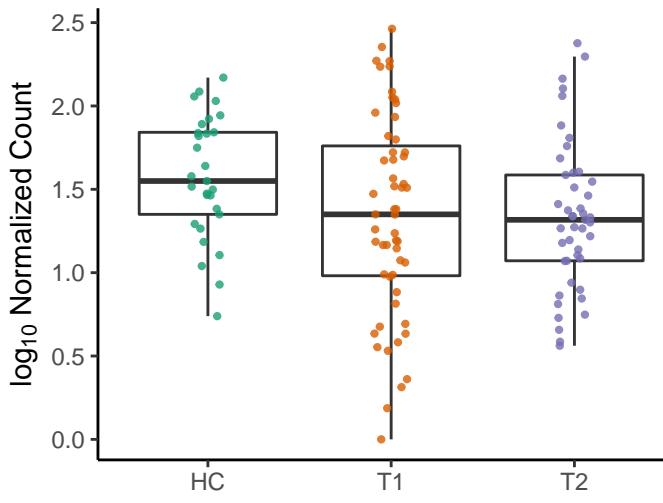
### Candidatus Methanomethylophilus

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



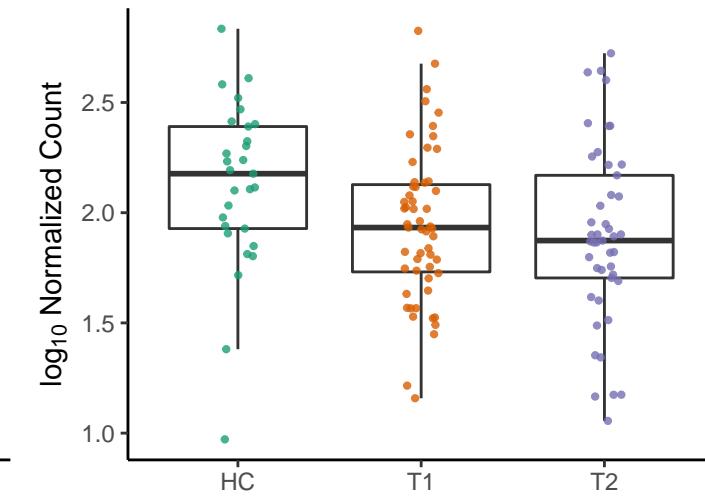
### Salarchaeum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.97



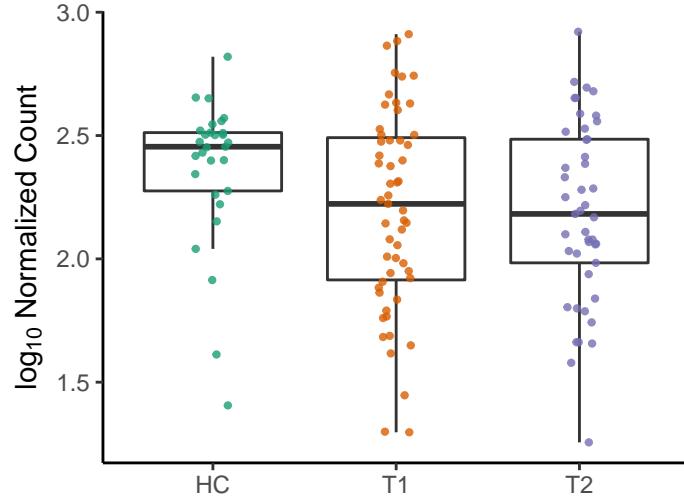
### Sulfurihydrogenibium

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.83



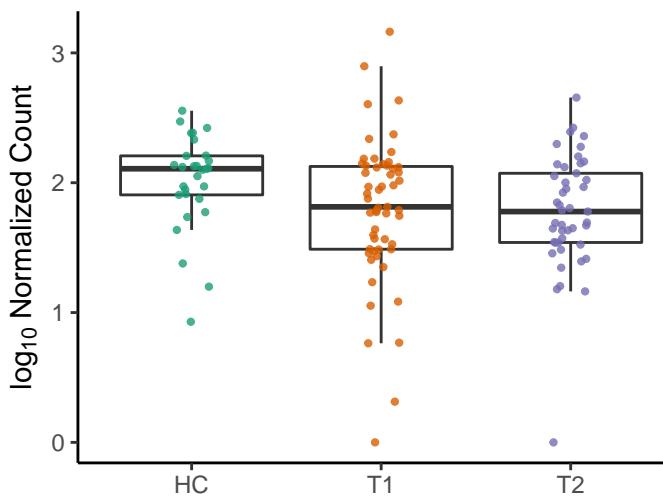
### Acetoanaerobium

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.91



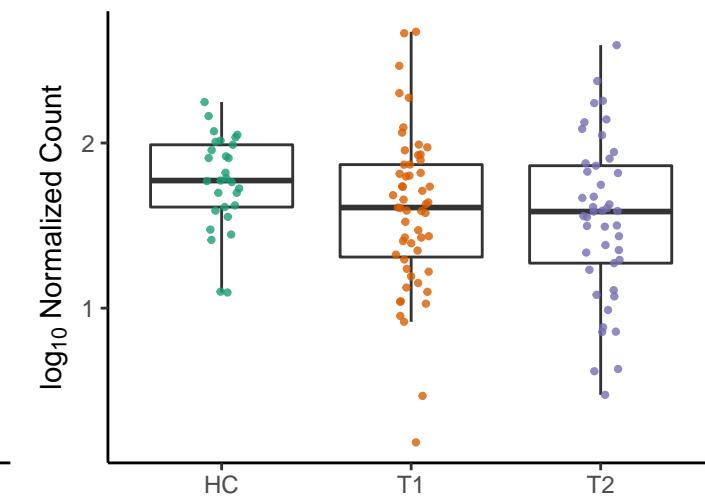
### Aromatoleum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.037  
T1 vs. T2 adjusted p = 0.99



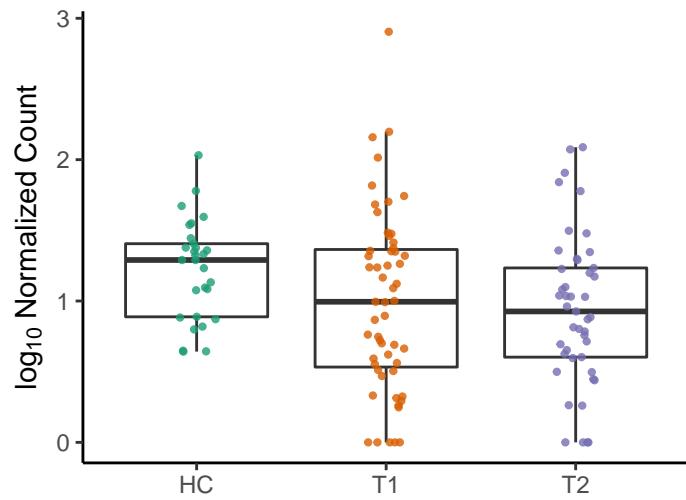
### Permianibacter

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.85



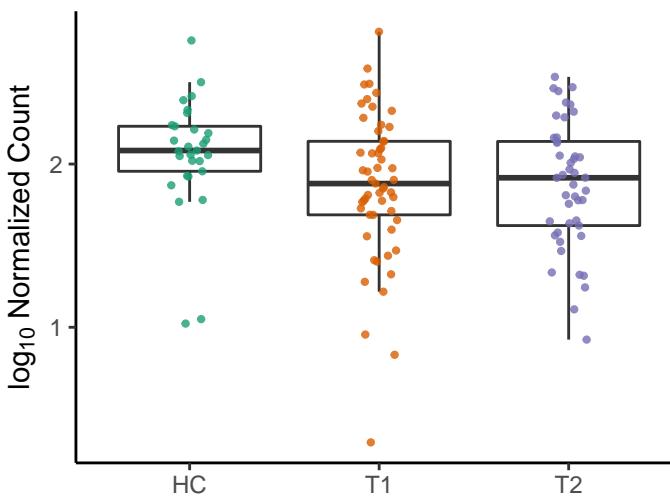
### Thermoplasma

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



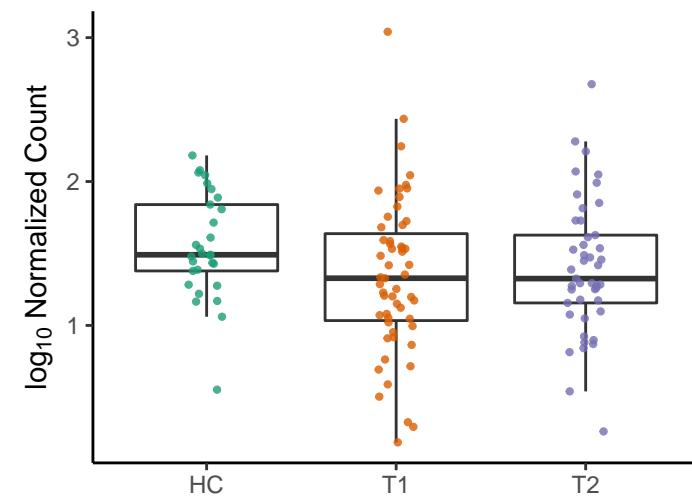
### Jannaschia

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.058  
T1 vs. T2 adjusted p = 0.9



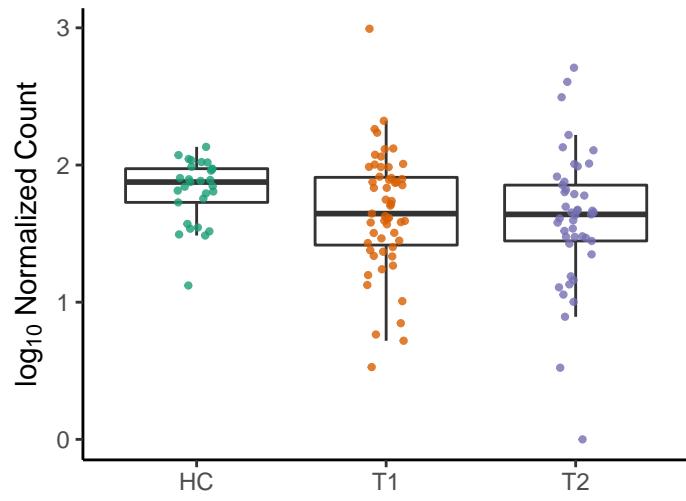
### Unclassified Euryarchaeota Phylum

non-ED vs. T1 adjusted p = 0.057  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.79



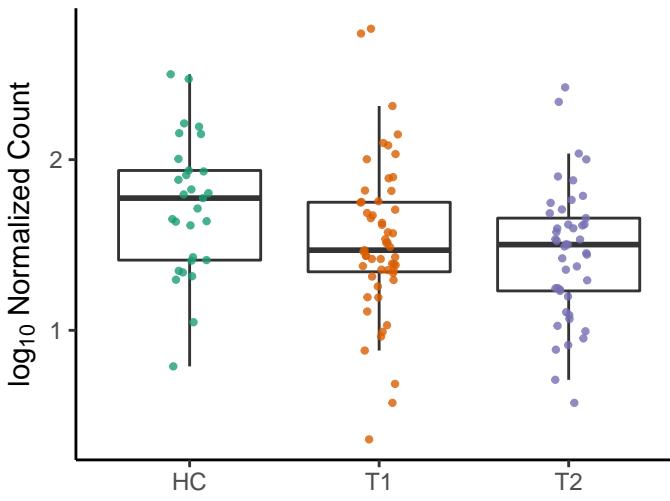
### Thioploca

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.042  
T1 vs. T2 adjusted p = 0.8



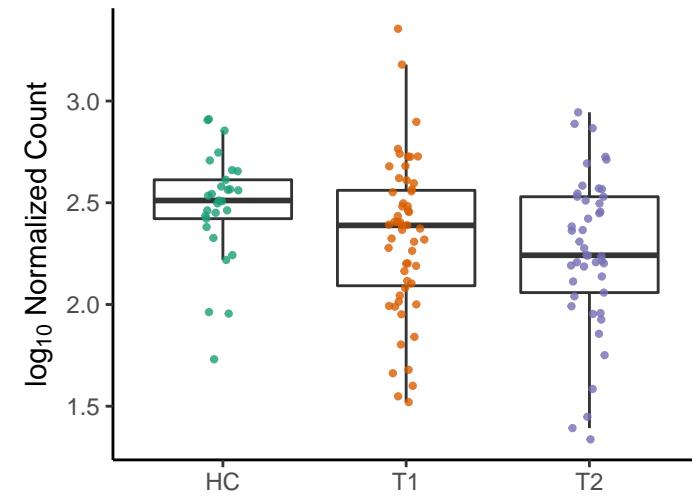
### Chroococcidiopsis

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.019  
T1 vs. T2 adjusted p = 0.81



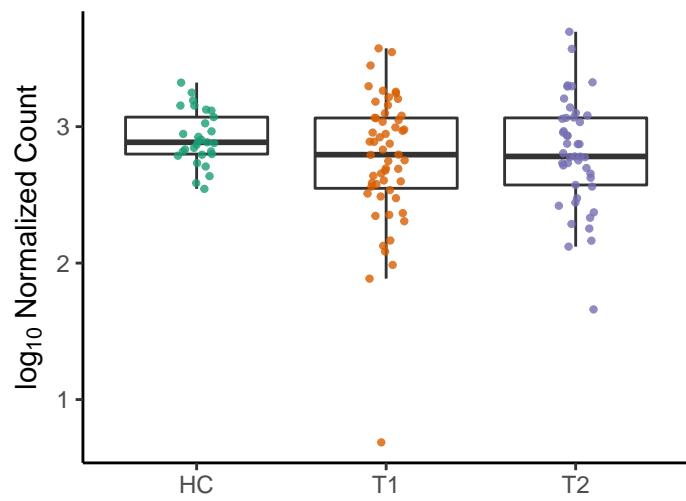
### Unclassified Sphingobacteriaceae Fam

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



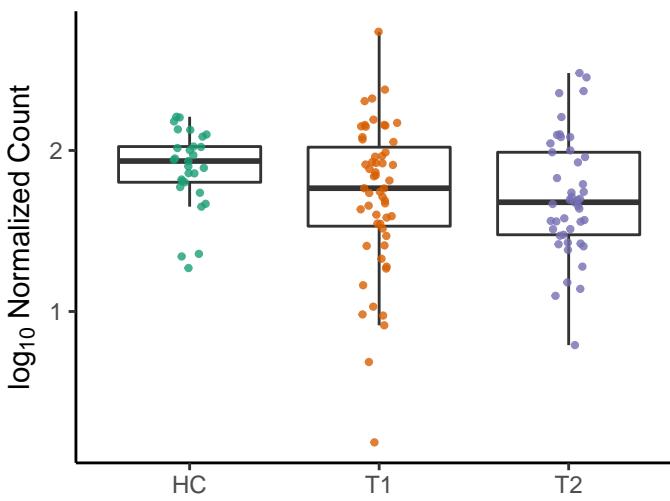
### Thermus

non-ED vs. T1 adjusted p = 0.058  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.8



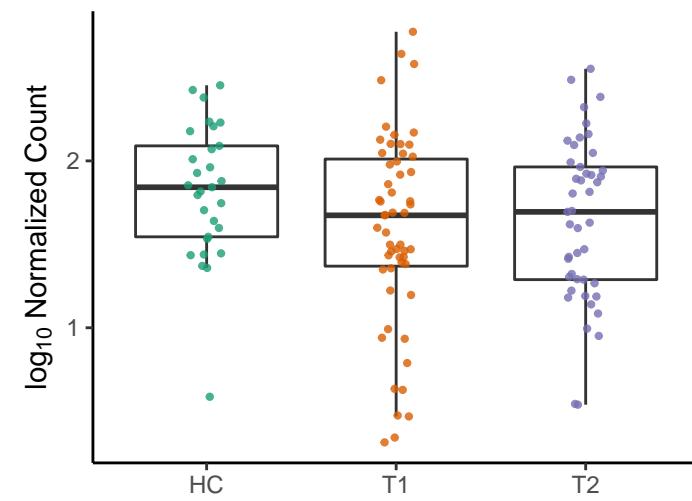
### Bremerella

non-ED vs. T1 adjusted p = 0.059  
non-ED vs. T2 adjusted p = 0.039  
T1 vs. T2 adjusted p = 0.81



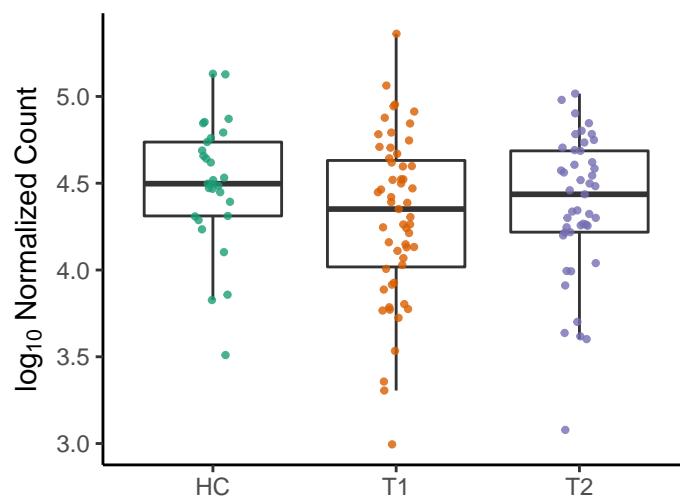
### Parvibaculum

non-ED vs. T1 adjusted p = 0.059  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.79



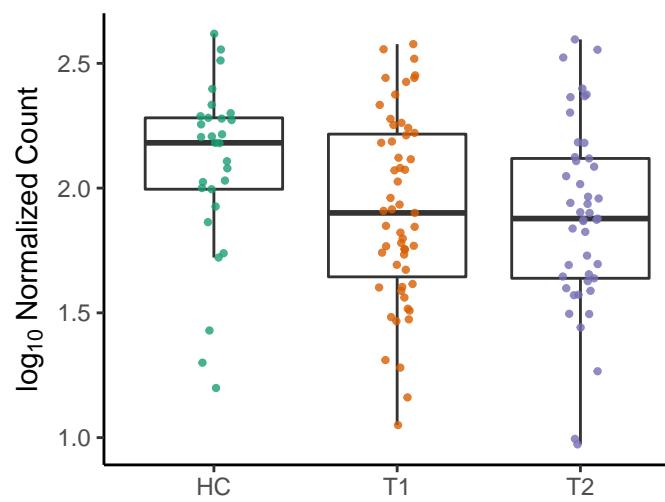
### *Christensenella*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.2  
 T1 vs. T2 adjusted p = 0.79



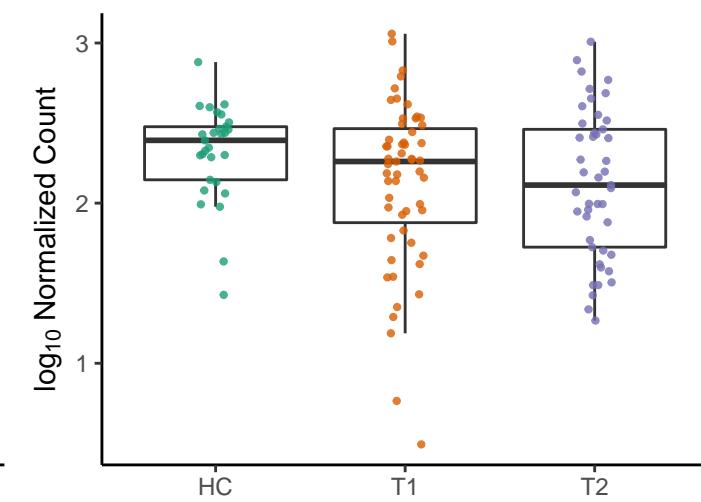
### *Rummeliibacillus*

non-ED vs. T1 adjusted p = 0.06  
 non-ED vs. T2 adjusted p = 0.042  
 T1 vs. T2 adjusted p = 0.96



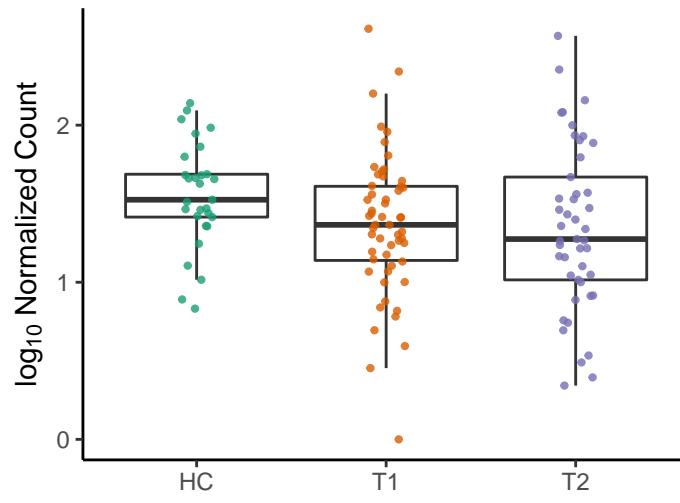
### *Desulfocurvibacter*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.055  
 T1 vs. T2 adjusted p = 0.93



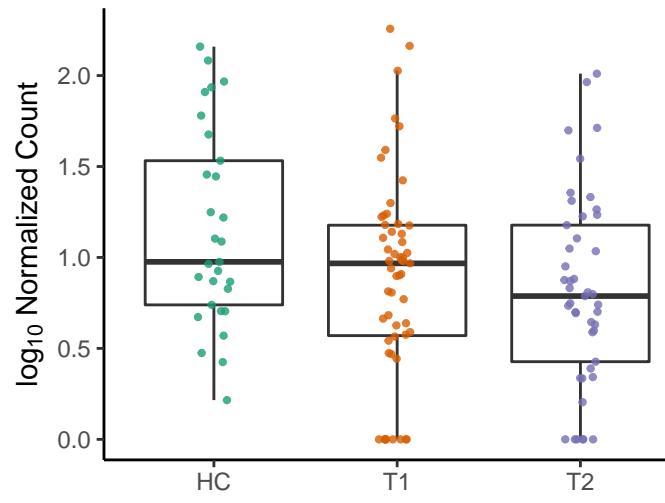
### *Litorilituus*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.073  
 T1 vs. T2 adjusted p = 0.97



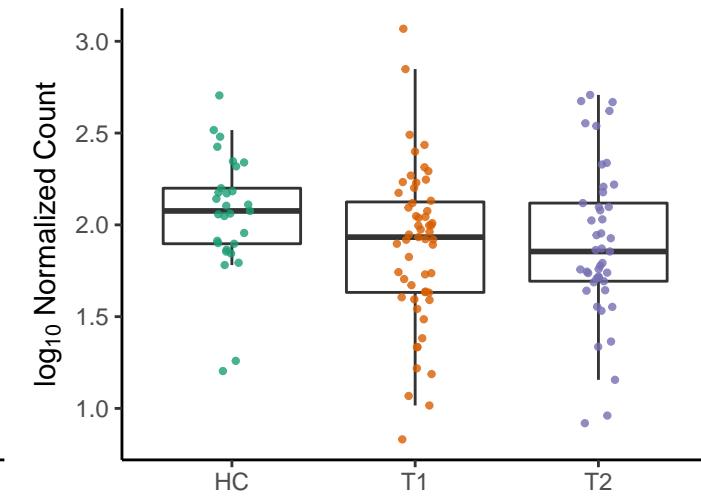
### Unclassified Entomoplasmatales Order

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.028  
 T1 vs. T2 adjusted p = 0.79



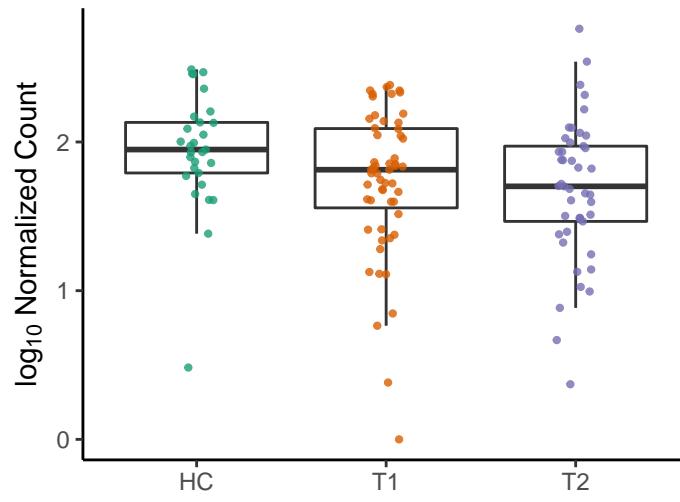
### *Chloroherpeton*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.81



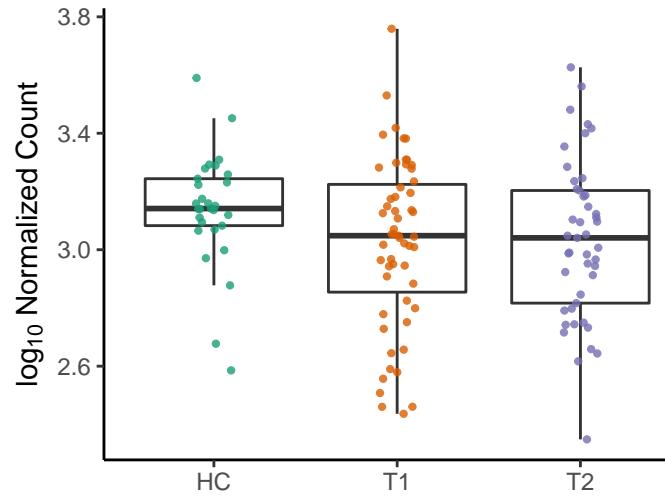
### *Maritalea*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.031  
 T1 vs. T2 adjusted p = 0.83



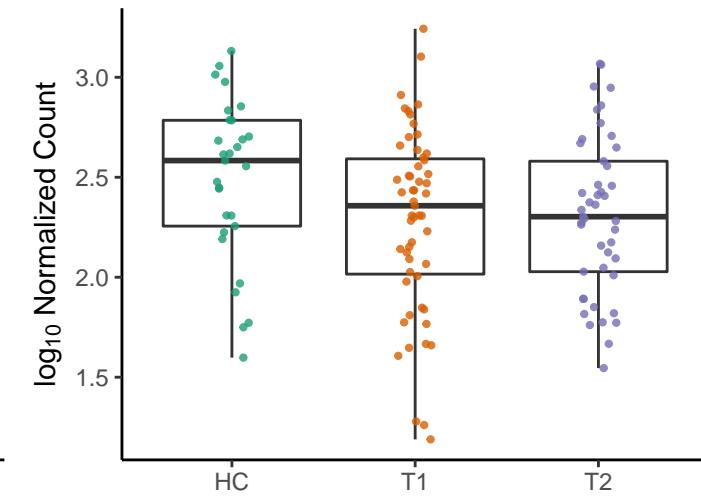
### *Muciluginibacter*

non-ED vs. T1 adjusted p = 0.061  
 non-ED vs. T2 adjusted p = 0.09  
 T1 vs. T2 adjusted p = 0.98



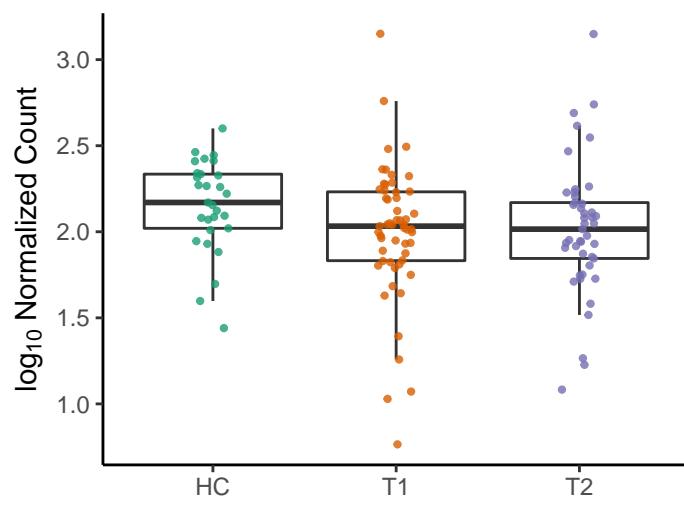
### *Dermabacter*

non-ED vs. T1 adjusted p = 0.062  
 non-ED vs. T2 adjusted p = 0.1  
 T1 vs. T2 adjusted p = 0.85



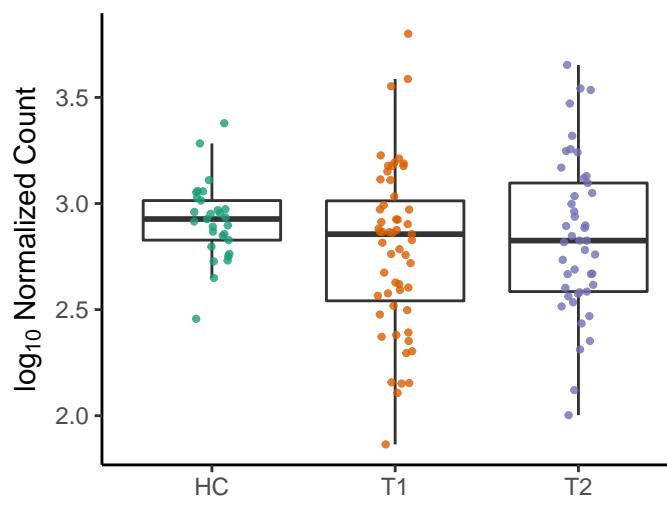
### Desulfobacula

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.92



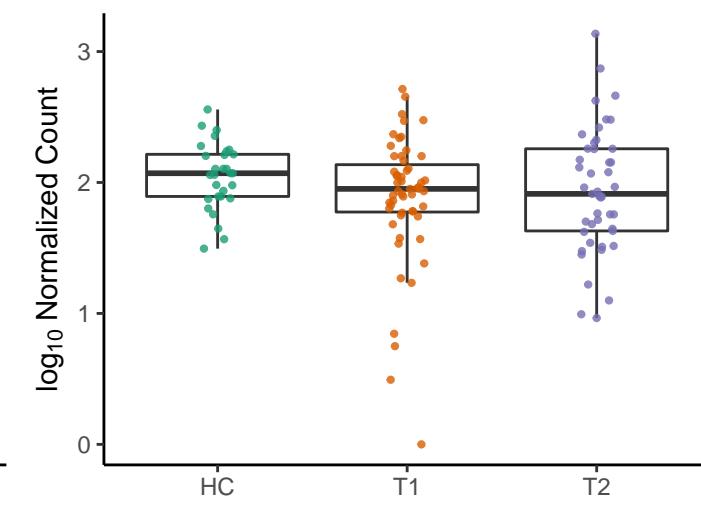
### Unclassified Peptococcaceae Family

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.3  
T1 vs. T2 adjusted p = 0.8



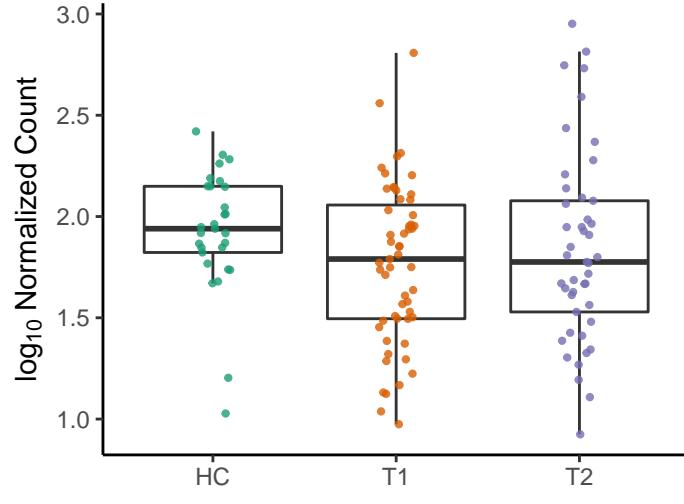
### Sulfurifustis

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.23  
T1 vs. T2 adjusted p = 0.79



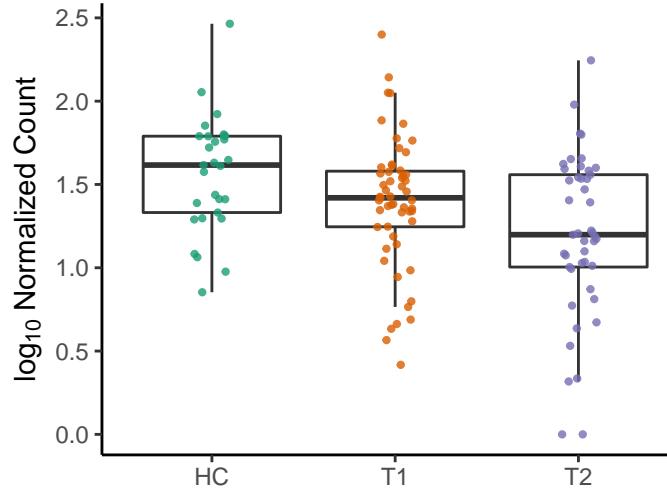
### Methanoplanus

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.8



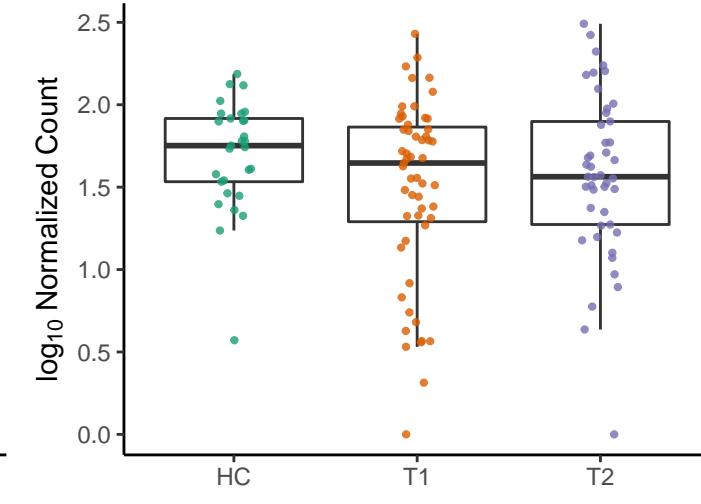
### Paenacaligenes

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.0056  
T1 vs. T2 adjusted p = 0.79



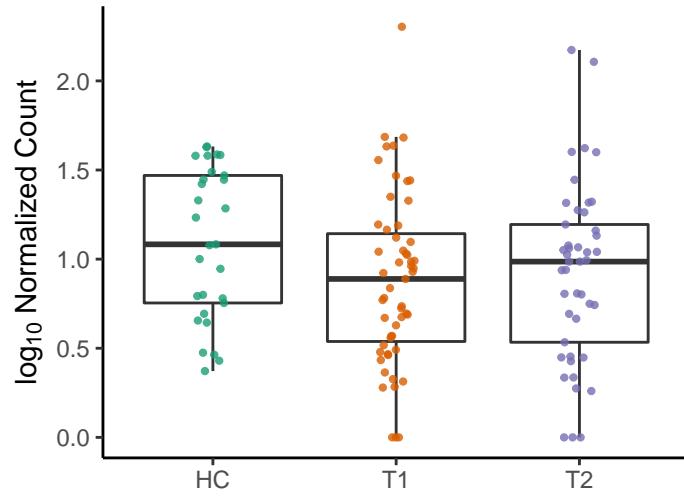
### Spongiibacter

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.8



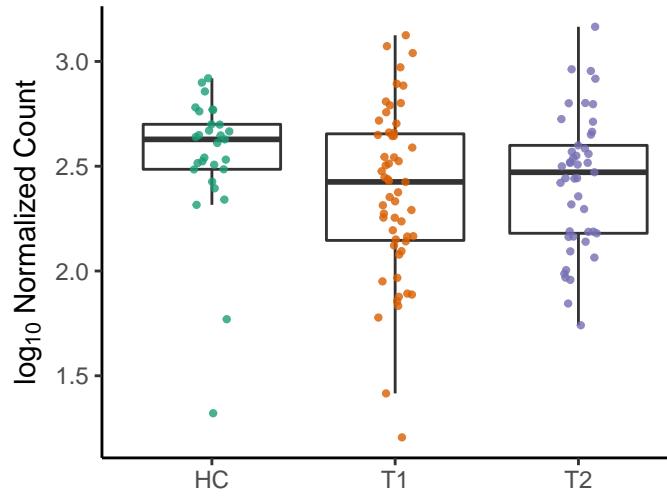
### Unclassified Ascomycota Phylum

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.9



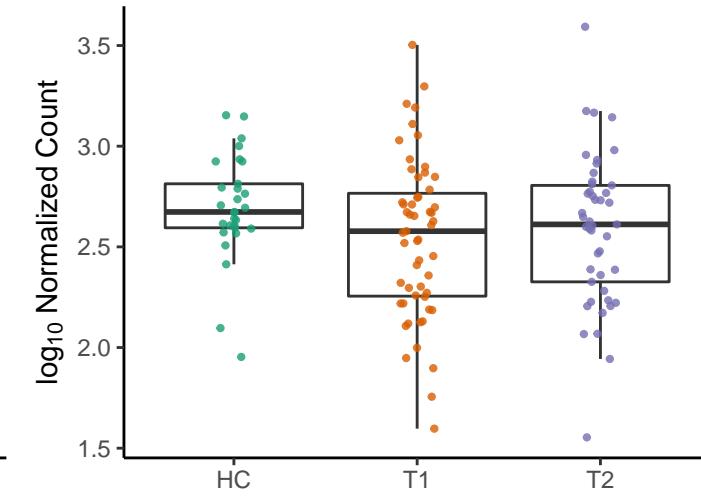
### Gudongella

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.79



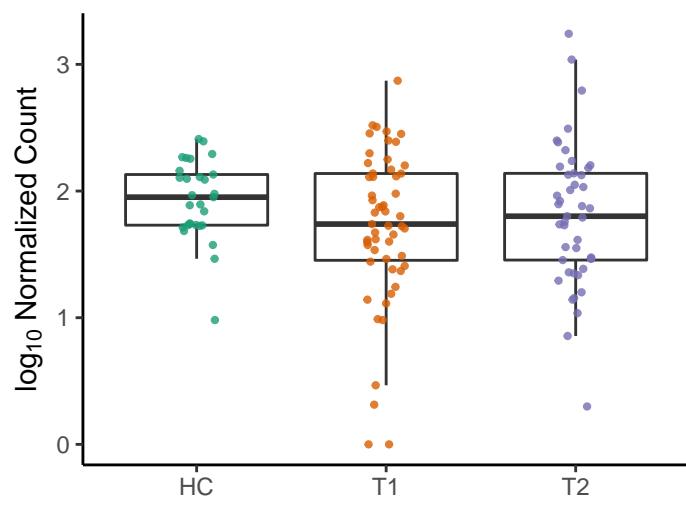
### Ndongobacter

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.79



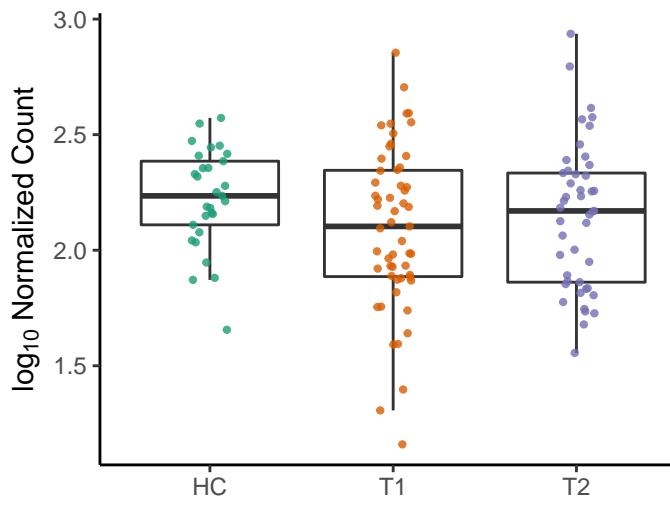
### Prauserella

non-ED vs. T1 adjusted p = 0.062  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.79



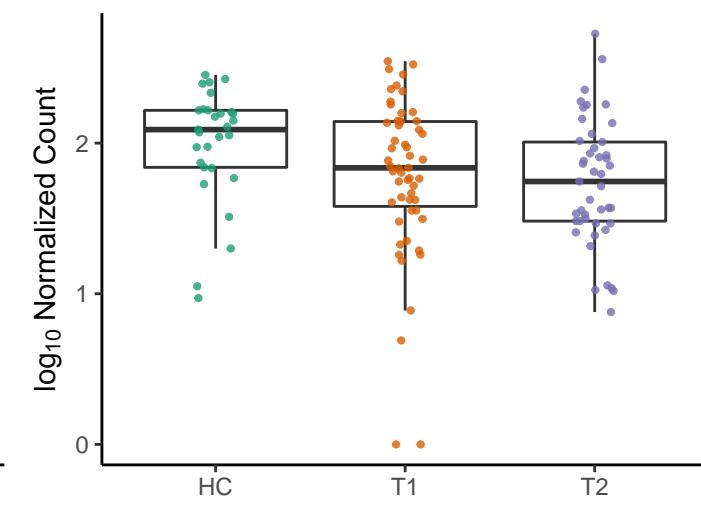
### Hahella

non-ED vs. T1 adjusted p = 0.063  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.79



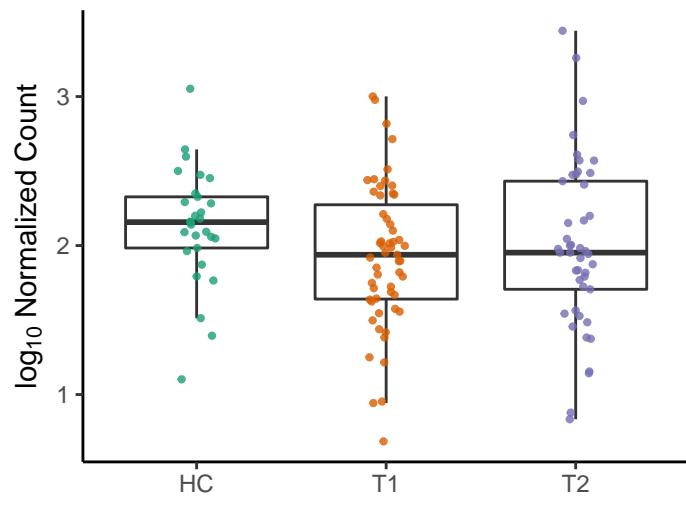
### Bernardetia

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



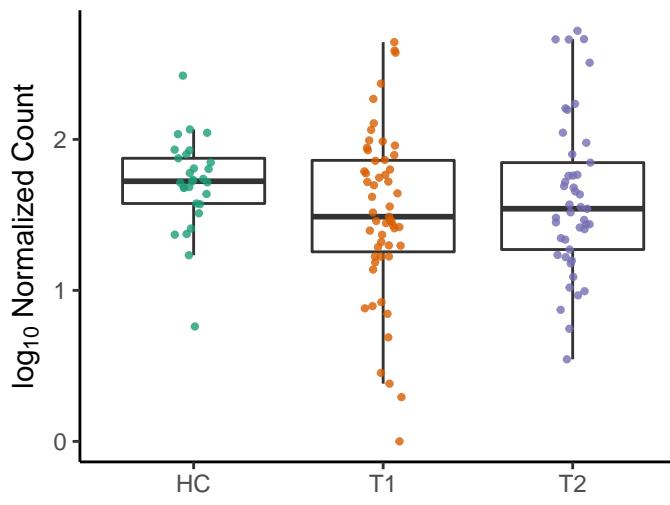
### Beutenbergia

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.8



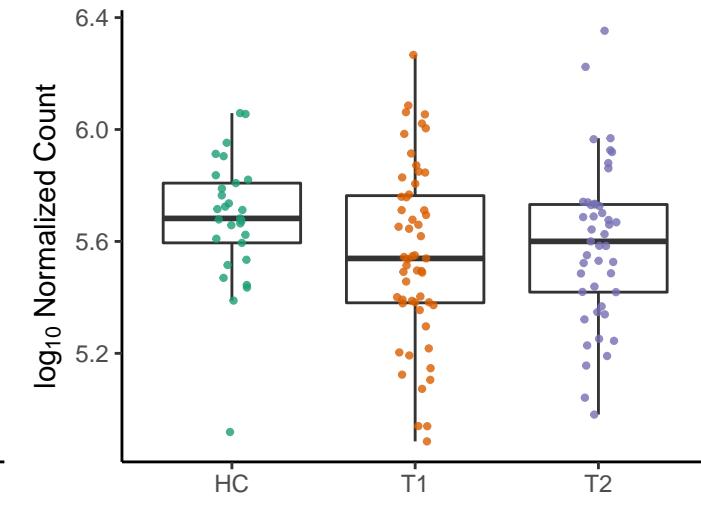
### Litoreibacter

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.89



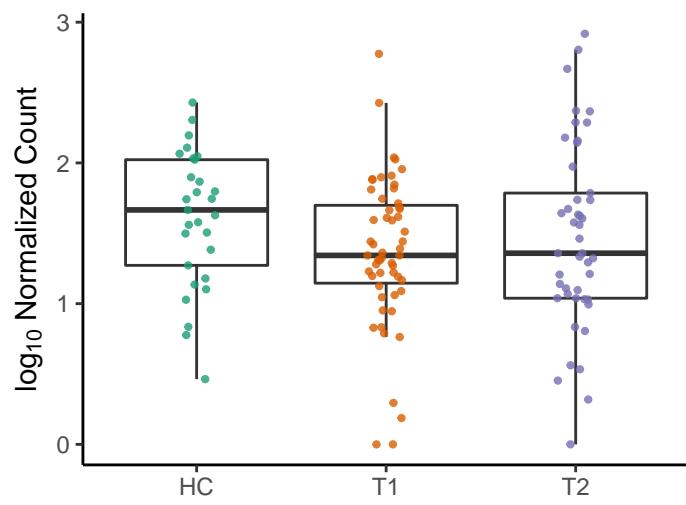
### Unclassified Clostridiales Order

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.8



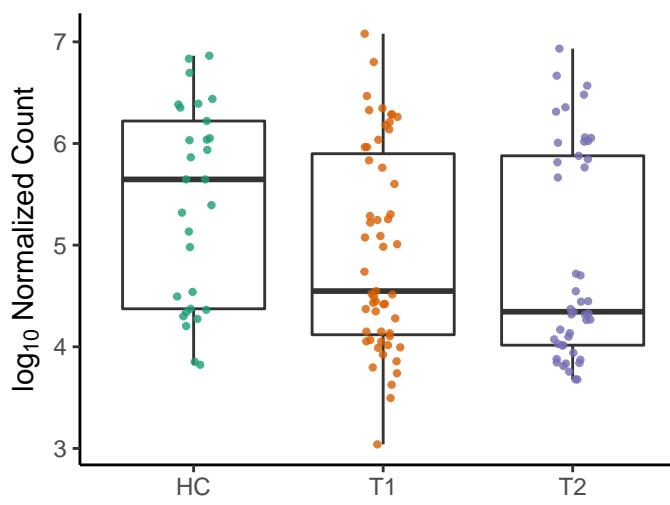
### Halalkalicoccus

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.35  
T1 vs. T2 adjusted p = 0.79



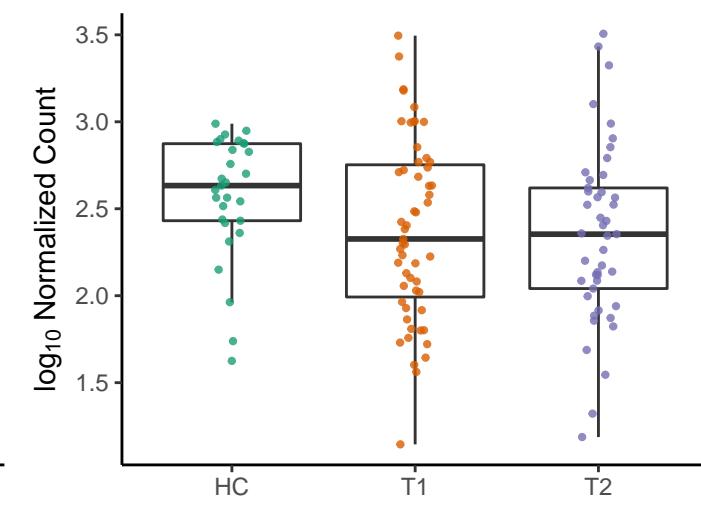
### Bifidobacterium

non-ED vs. T1 adjusted p = 0.064  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.99



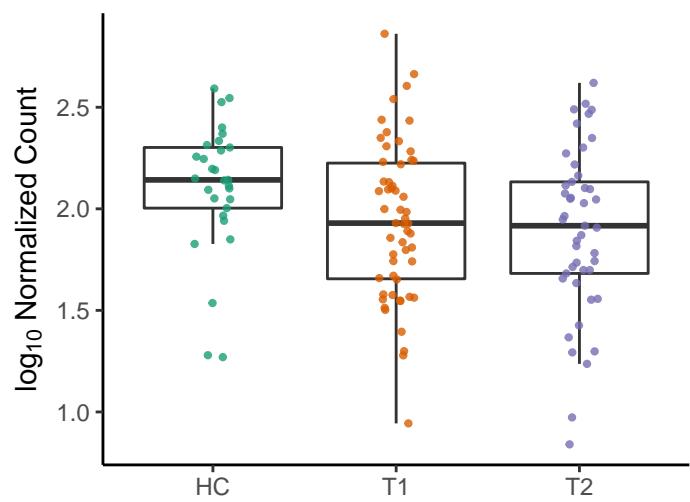
### Rickettsia

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.052  
T1 vs. T2 adjusted p = 0.89



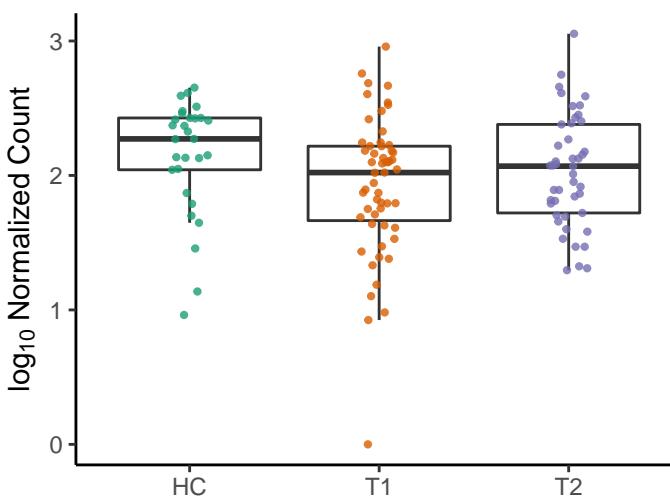
### Brochothrix

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.81



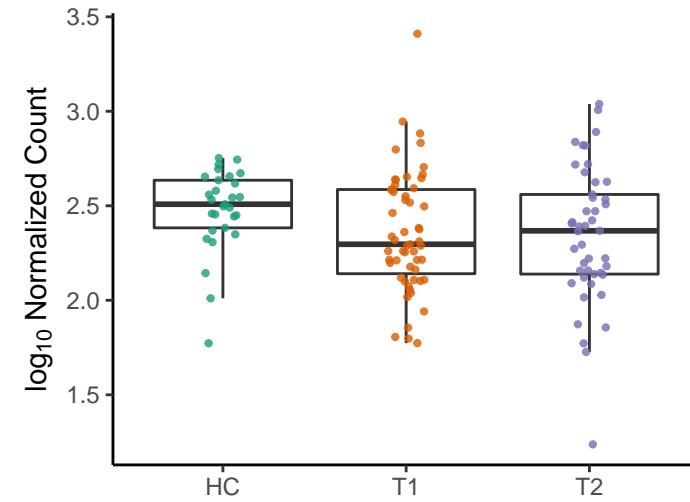
### Actinopolymorpha

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.3  
T1 vs. T2 adjusted p = 0.79



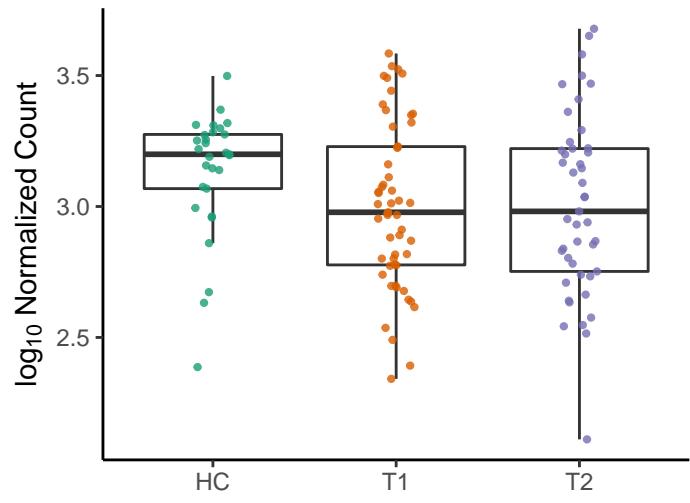
### Mannheimia

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.99



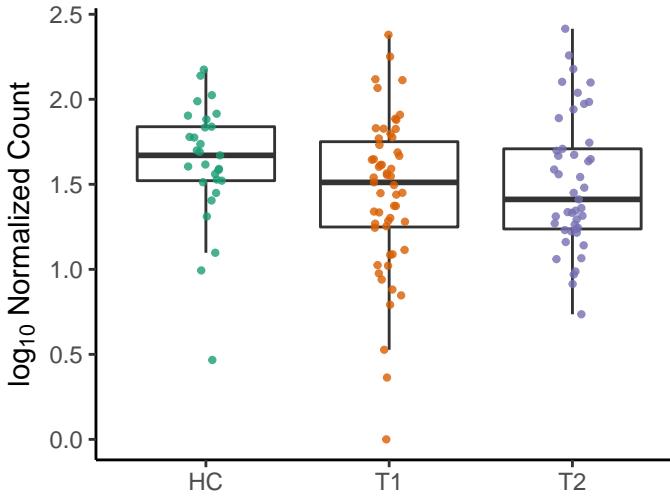
### Listeria

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.98



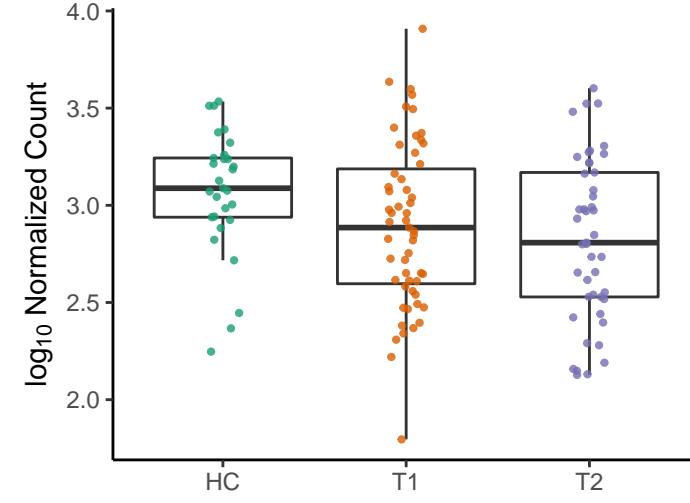
### Hippea

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.84



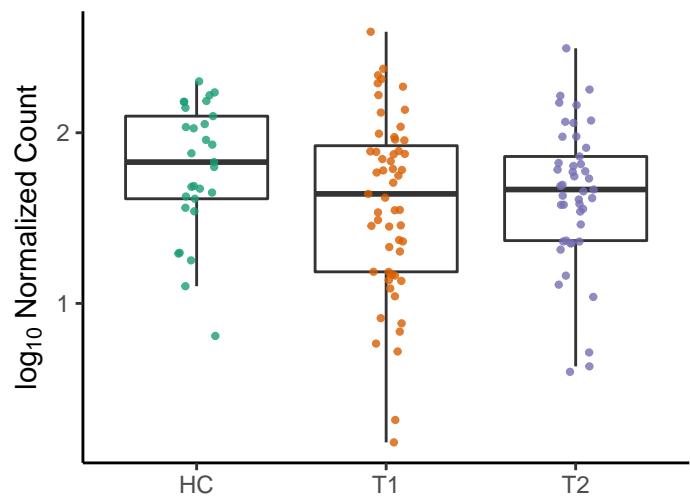
### Arcobacter

non-ED vs. T1 adjusted p = 0.065  
non-ED vs. T2 adjusted p = 0.023  
T1 vs. T2 adjusted p = 0.79



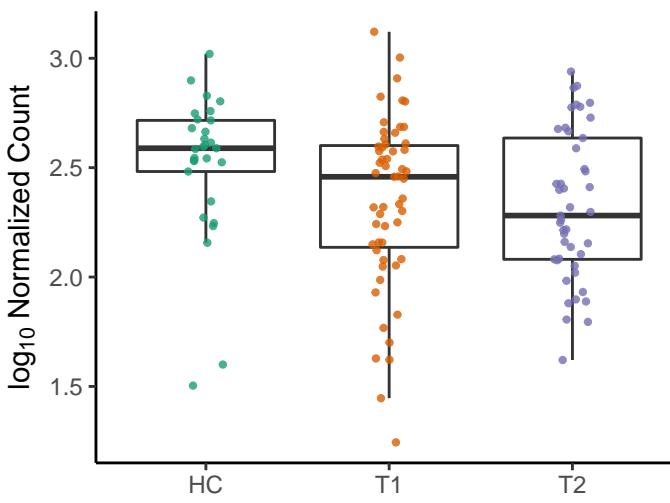
### Natronorubrum

non-ED vs. T1 adjusted p = 0.066  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.93



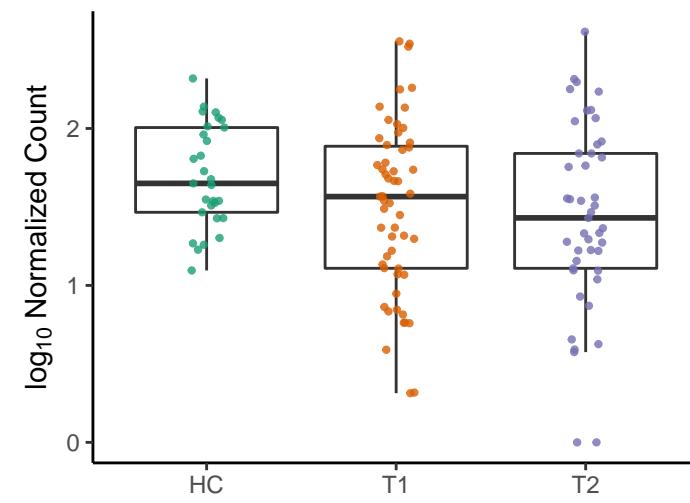
### Cellulophaga

non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.79

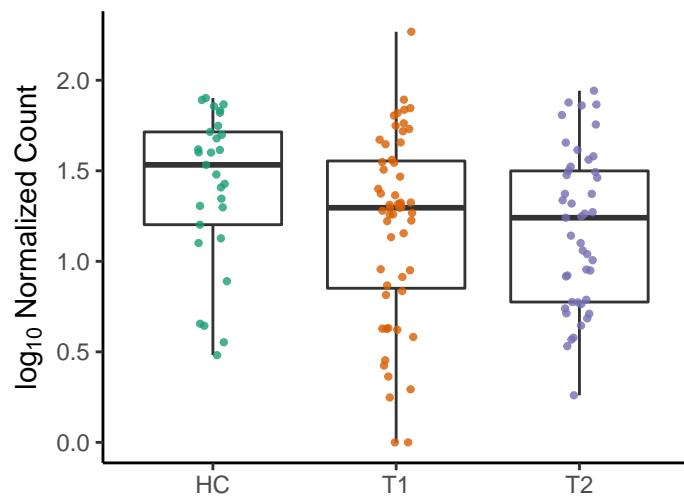


### Halovivax

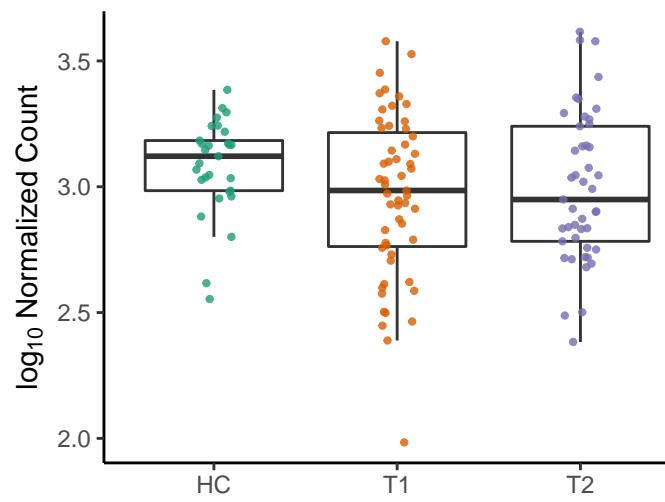
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.94



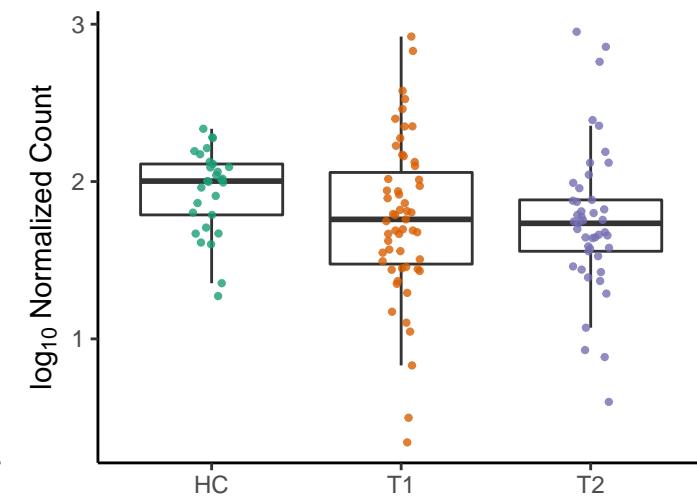
**Candidatus Nitrosocosmicus**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.83



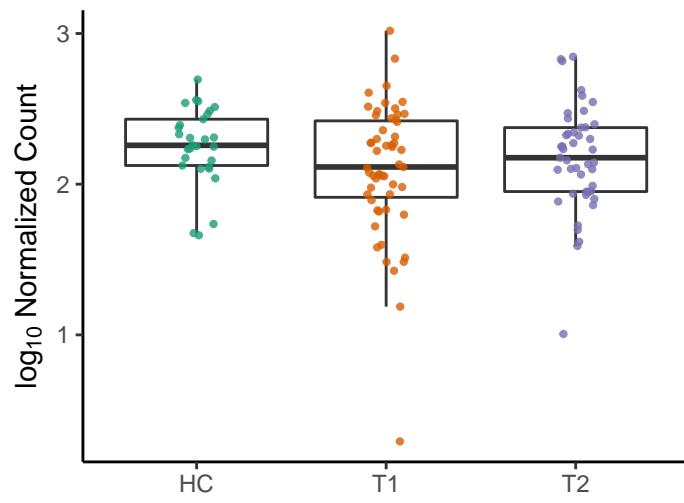
**Desulfotomaculum**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.8



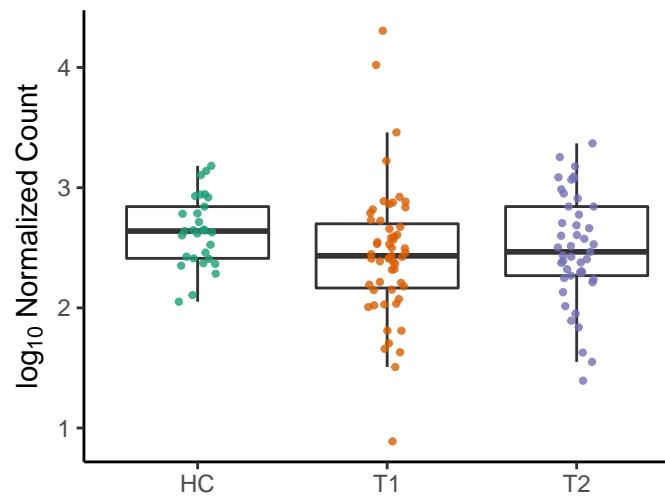
**Unclassified candidate division Zixibacter**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.051  
T1 vs. T2 adjusted p = 0.91



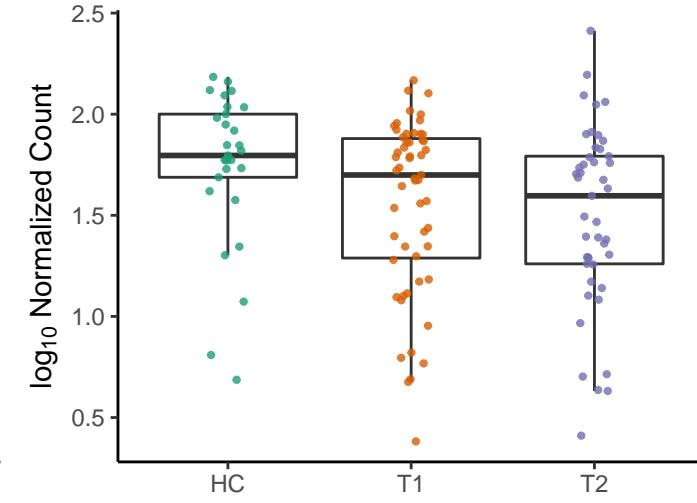
**Unclassified Beijerinckiaceae Family**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.79



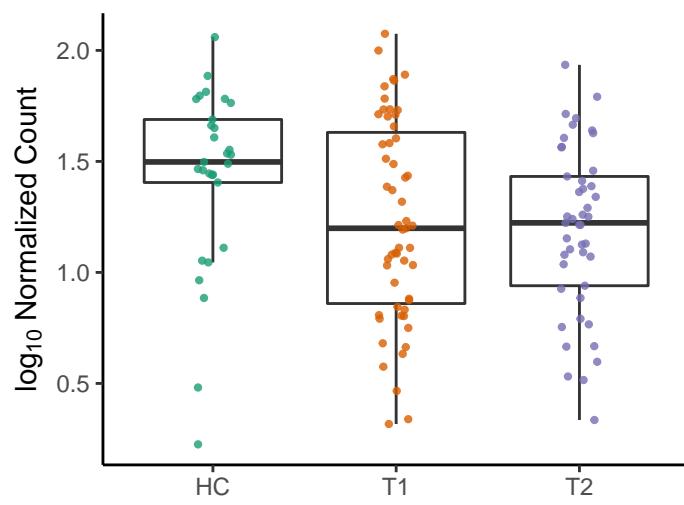
**Clavibacter**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.79



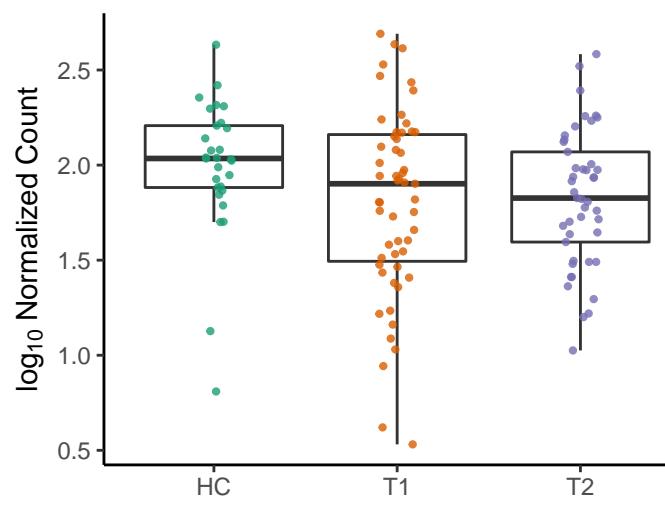
**Ogataea**  
non-ED vs. T1 adjusted p = 0.067  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.86



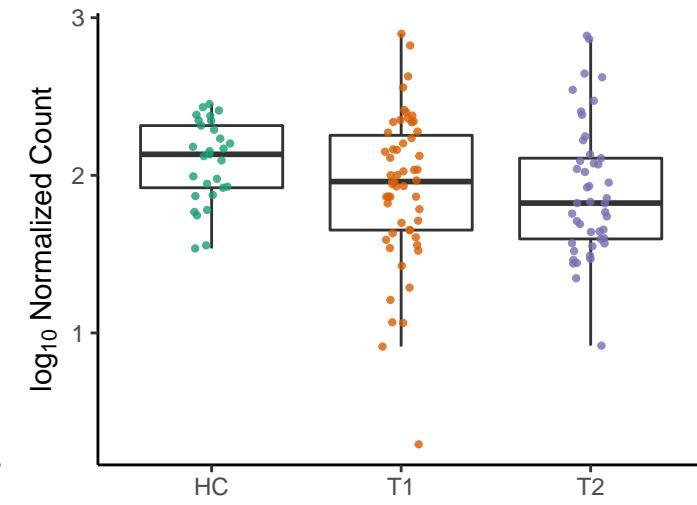
**Cetia**  
non-ED vs. T1 adjusted p = 0.068  
non-ED vs. T2 adjusted p = 0.034  
T1 vs. T2 adjusted p = 0.79



**Sulfuricaulis**  
non-ED vs. T1 adjusted p = 0.068  
non-ED vs. T2 adjusted p = 0.084  
T1 vs. T2 adjusted p = 0.8

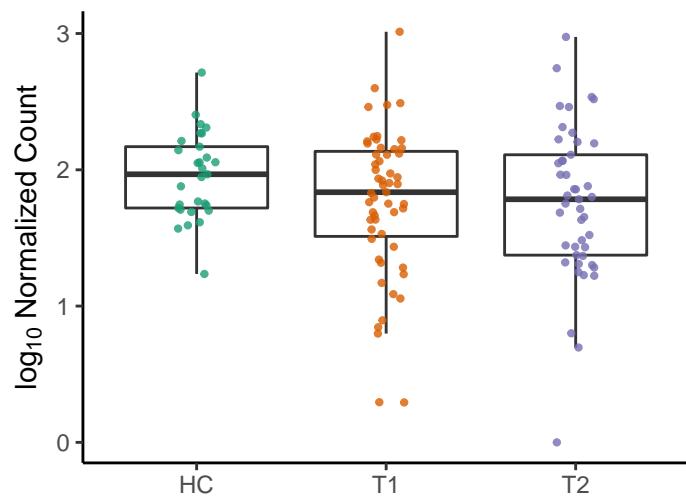


**Unclassified Pseudonocardiaceae Family**  
non-ED vs. T1 adjusted p = 0.068  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 1



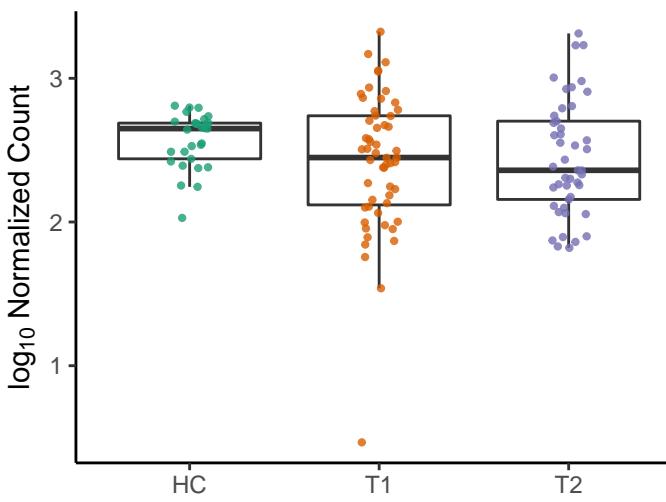
### Arenimonas

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.94



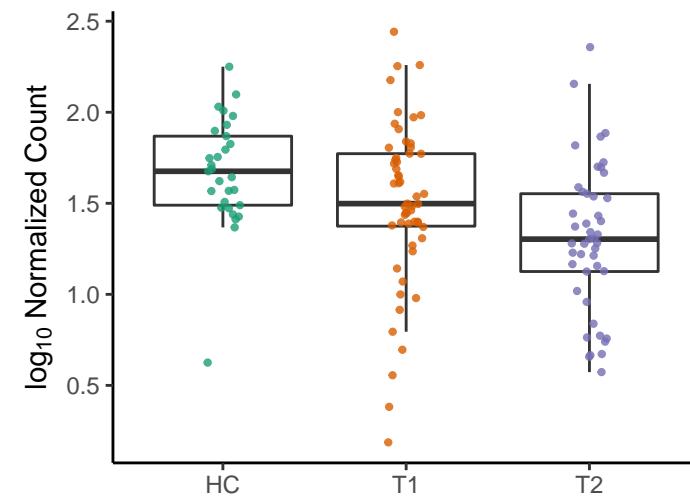
### Gemmata

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.11  
T1 vs. T2 adjusted p = 0.82



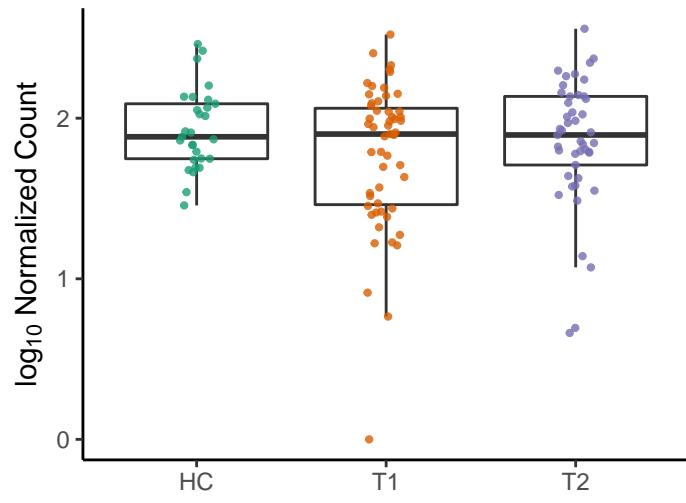
### Candidatus Hamiltonella

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.0025  
T1 vs. T2 adjusted p = 0.79



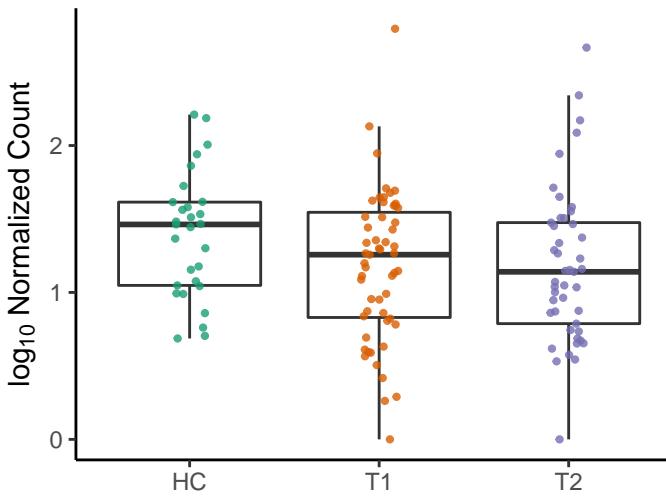
### Austwickia

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.8



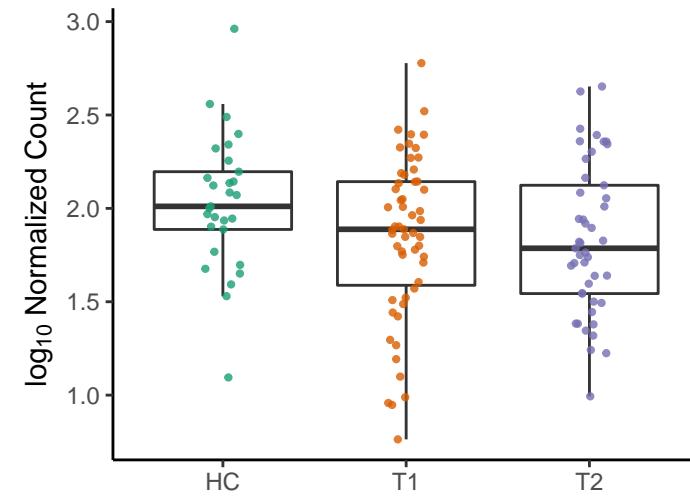
### Haloquadratum

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.092  
T1 vs. T2 adjusted p = 0.96



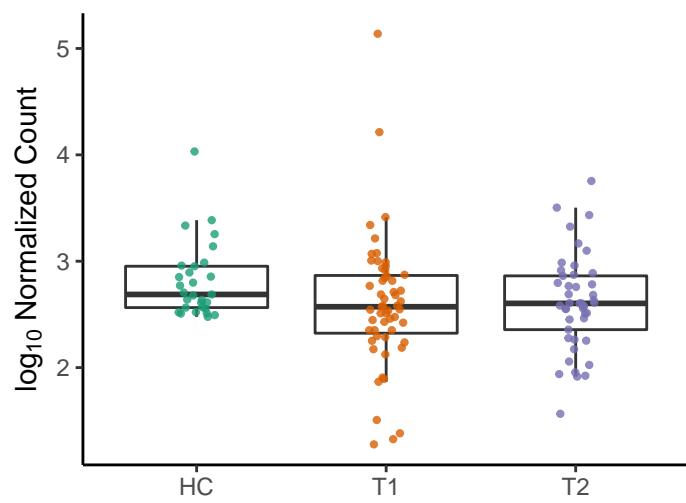
### Unclassified Frankiales Order

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.99



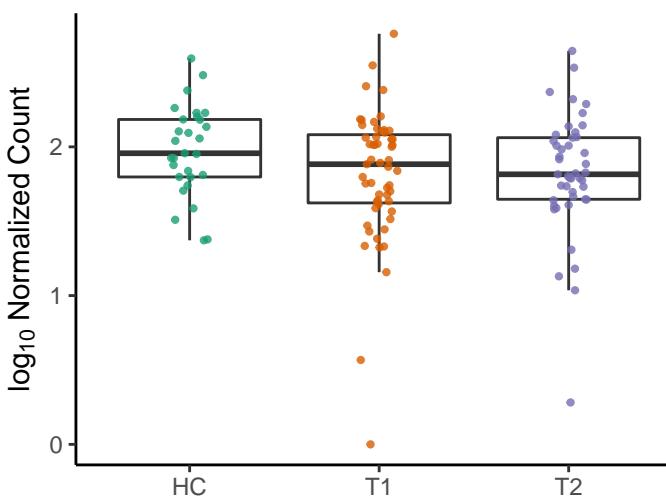
### Unclassified Victivallales Order

non-ED vs. T1 adjusted p = 0.069  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.85



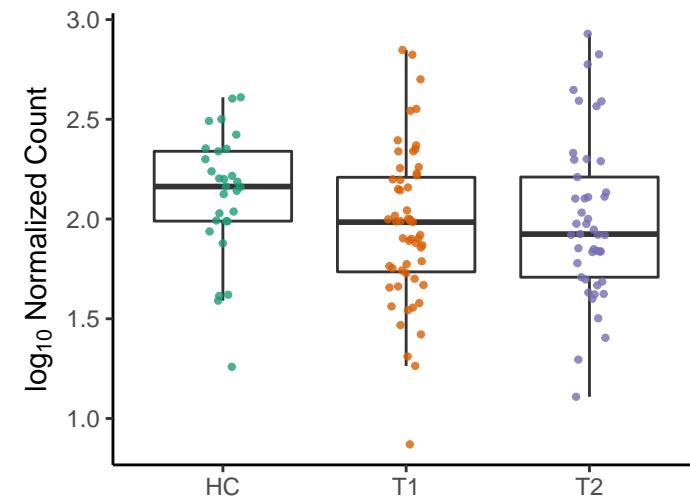
### Chelatavorans

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.093  
T1 vs. T2 adjusted p = 0.83



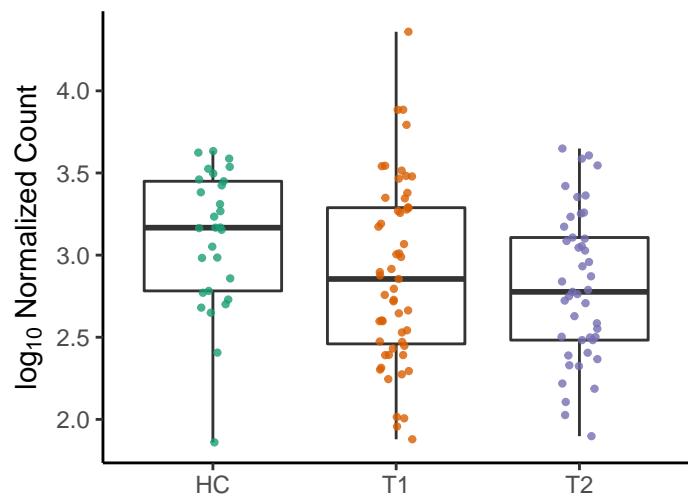
### Cercospora

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.81



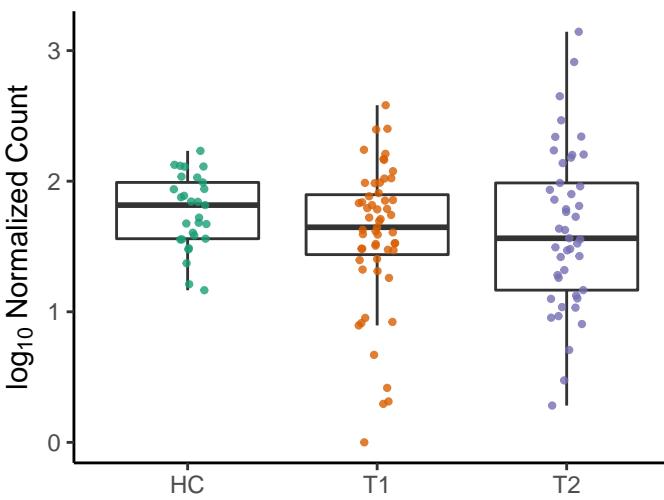
### Romboutsia

non-ED vs. T1 adjusted p = 0.07  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.79



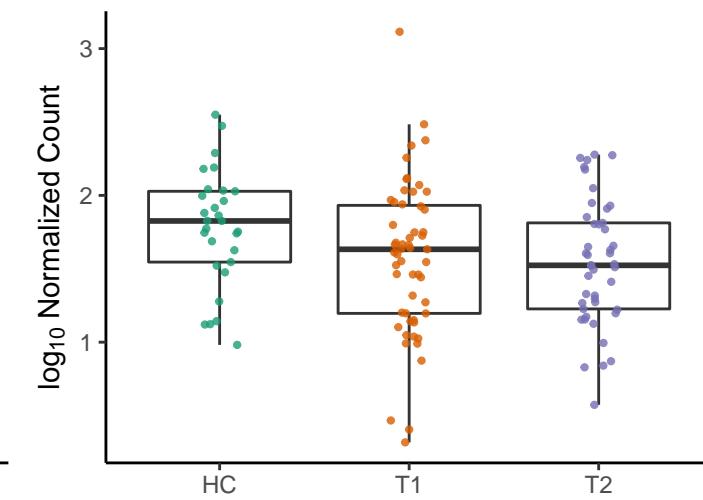
### Protaetibacter

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.25  
T1 vs. T2 adjusted p = 0.79



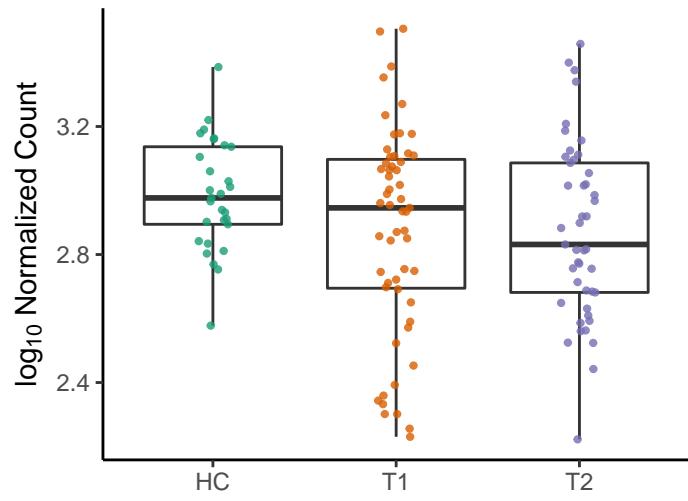
### Turneriella

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.038  
T1 vs. T2 adjusted p = 1



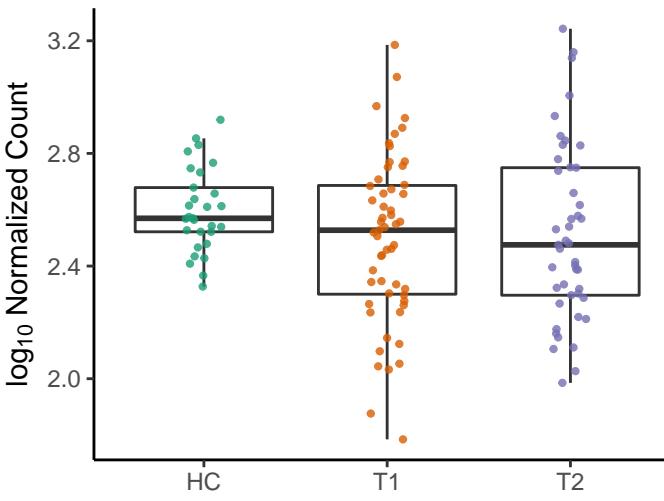
### Spirosoma

non-ED vs. T1 adjusted p = 0.071  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.98



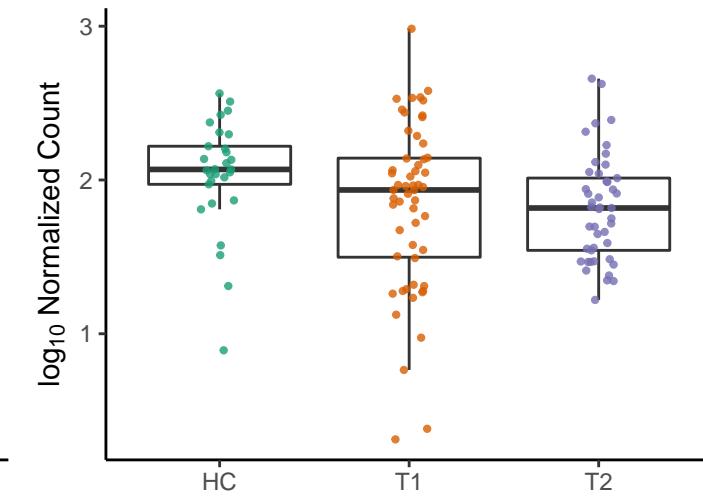
### Brenneria

non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.8



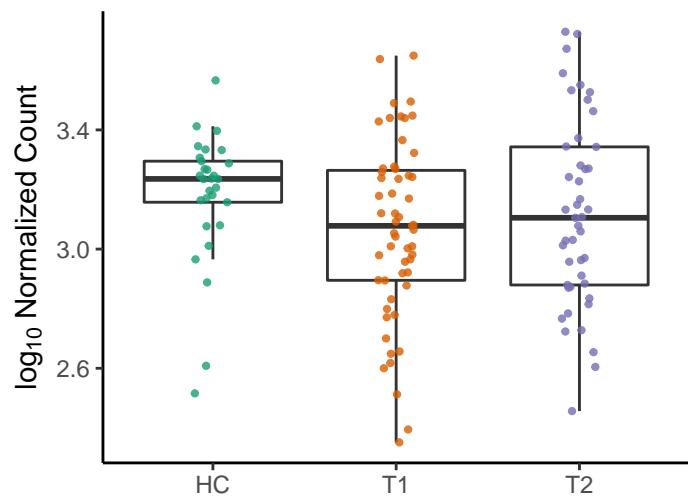
### Magnetospira

non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.9



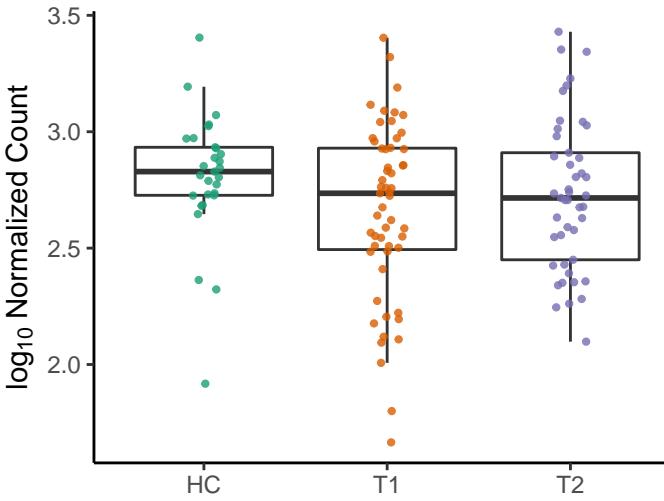
### Desulfobacterium

non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.79



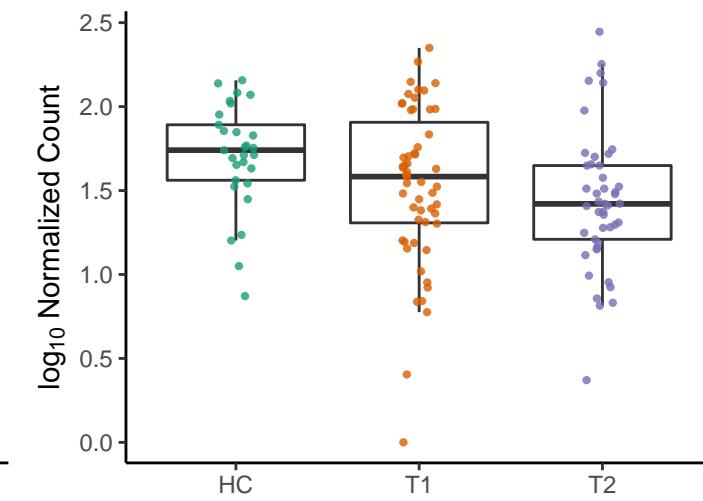
### Dehalobacterium

non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.3  
T1 vs. T2 adjusted p = 0.79



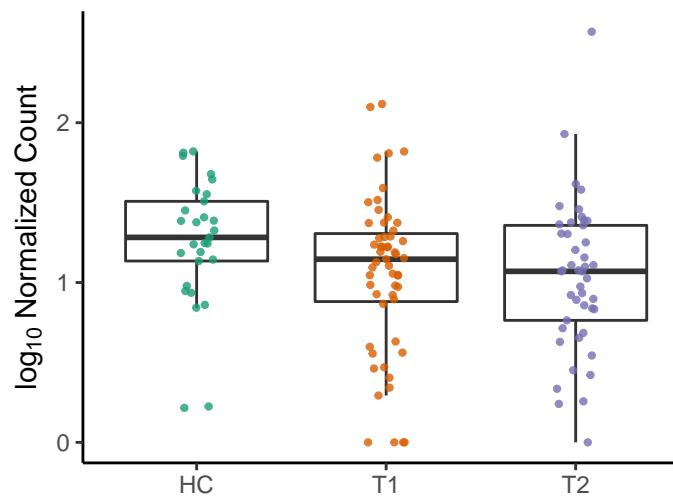
### Unclassified Fusobacteriales Order

non-ED vs. T1 adjusted p = 0.072  
non-ED vs. T2 adjusted p = 0.015  
T1 vs. T2 adjusted p = 0.79



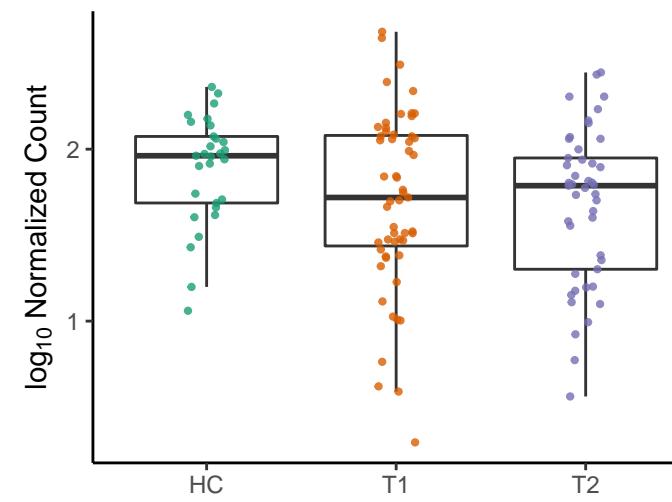
### Cuniculiplasma

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.06  
T1 vs. T2 adjusted p = 0.85



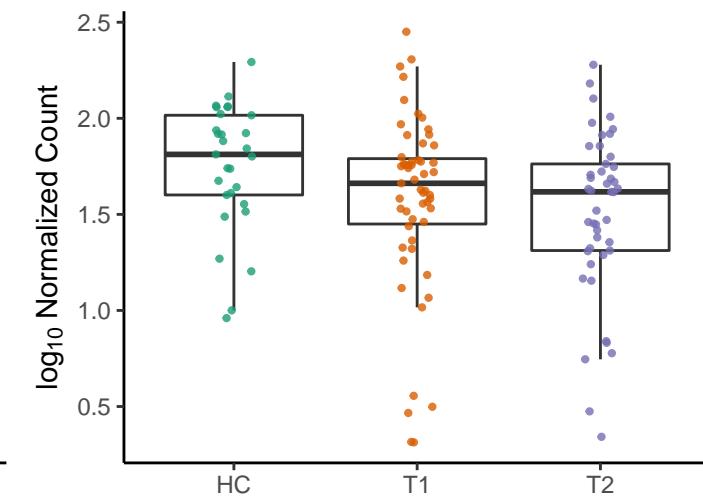
### Pseudactinotalea

non-ED vs. T1 adjusted p = 0.073  
non-ED vs. T2 adjusted p = 0.043  
T1 vs. T2 adjusted p = 0.94



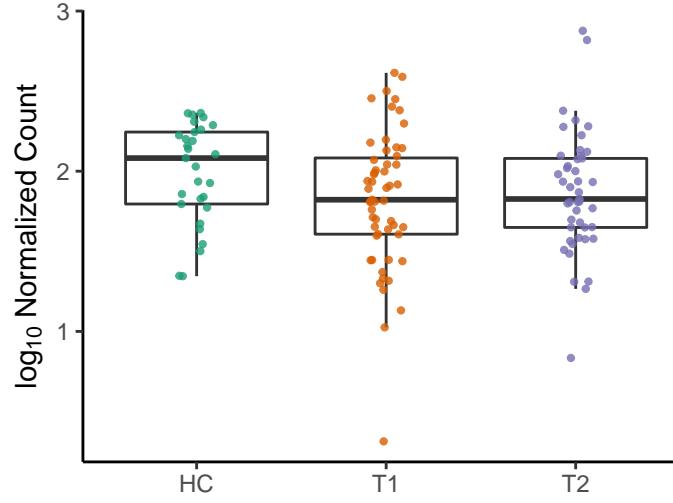
### Sulfuricurvum

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.026  
T1 vs. T2 adjusted p = 0.79



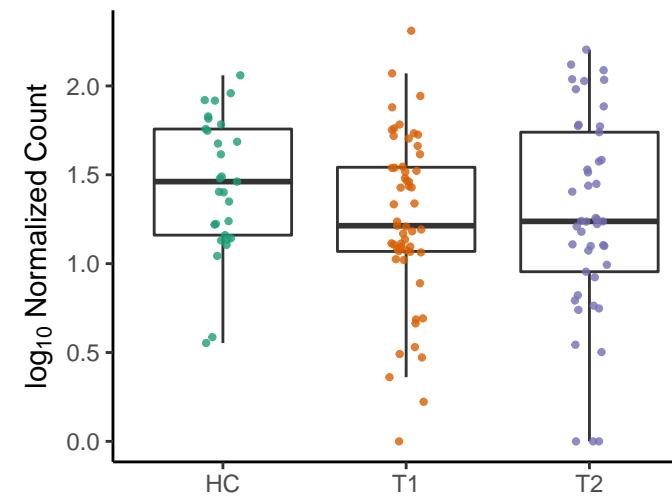
### Methanoregula

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.8



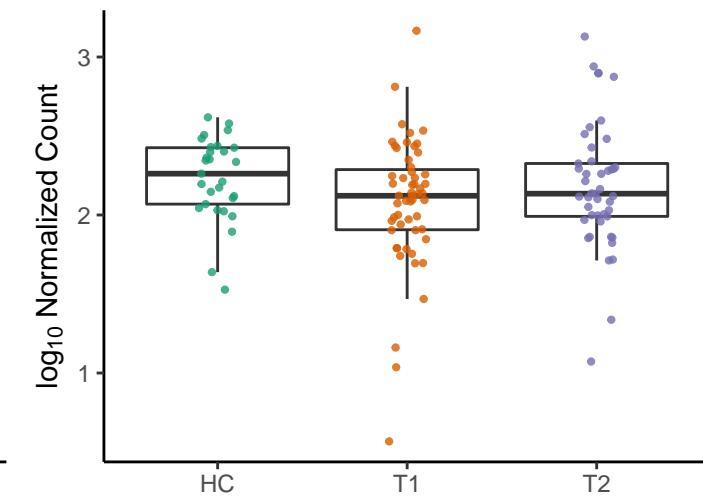
### Candidatus Nitrosoglobus

non-ED vs. T1 adjusted p = 0.074  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.8



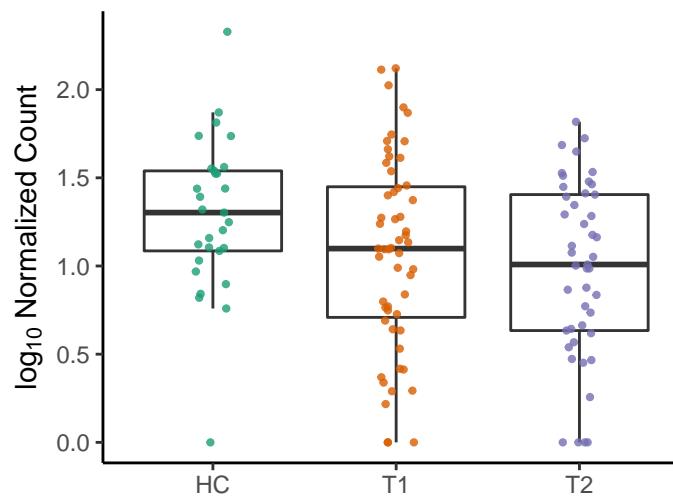
### Unclassified Sporolactobacillaceae Family

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.58  
T1 vs. T2 adjusted p = 0.79



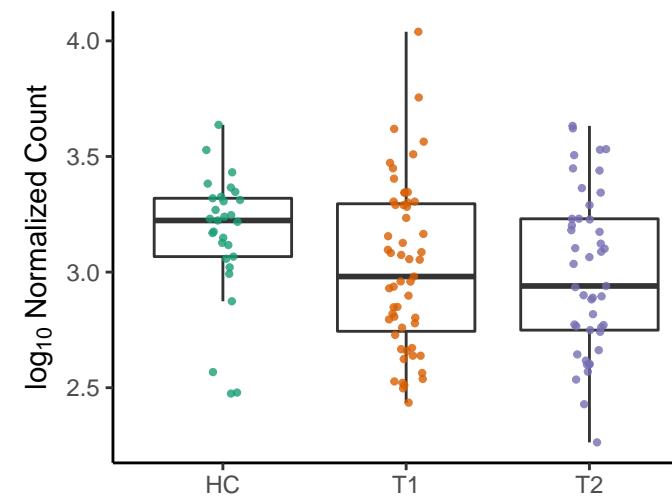
### Hydrogenobacter

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



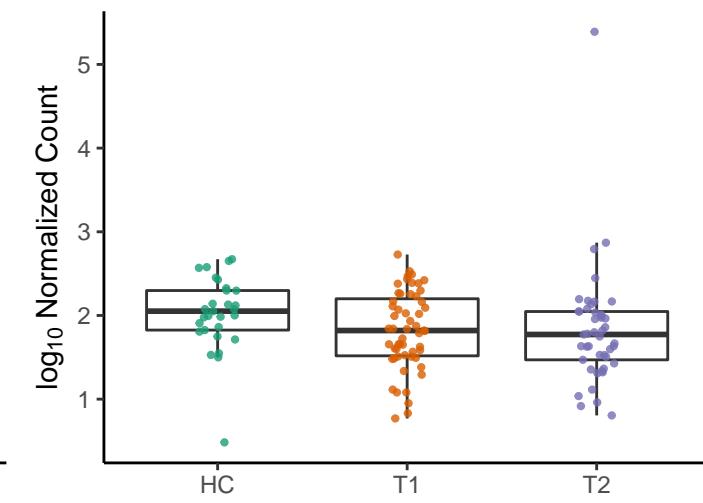
### Leptotrichia

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.049  
T1 vs. T2 adjusted p = 0.97



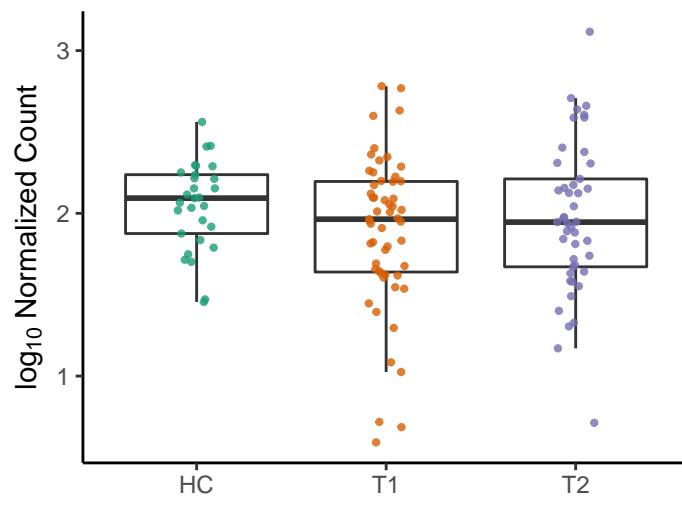
### Nakaseomyces

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.99



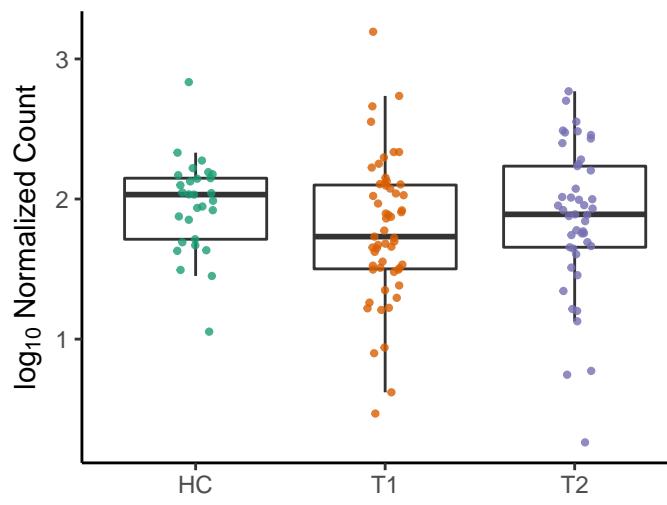
### Youhaiella

non-ED vs. T1 adjusted p = 0.075  
non-ED vs. T2 adjusted p = 0.39  
T1 vs. T2 adjusted p = 0.79



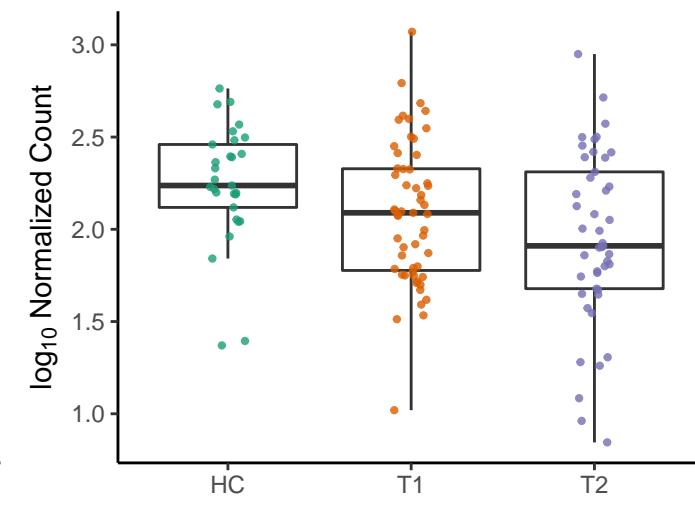
### Monaibacterium

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.39  
T1 vs. T2 adjusted p = 0.79



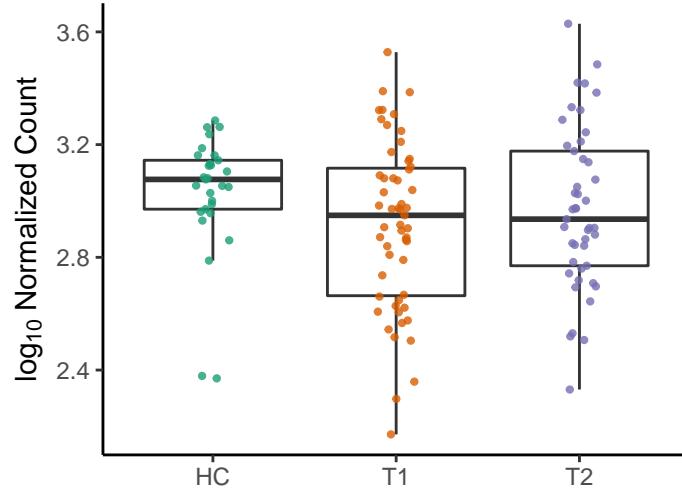
### Lacinutrix

non-ED vs. T1 adjusted p = 0.076  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



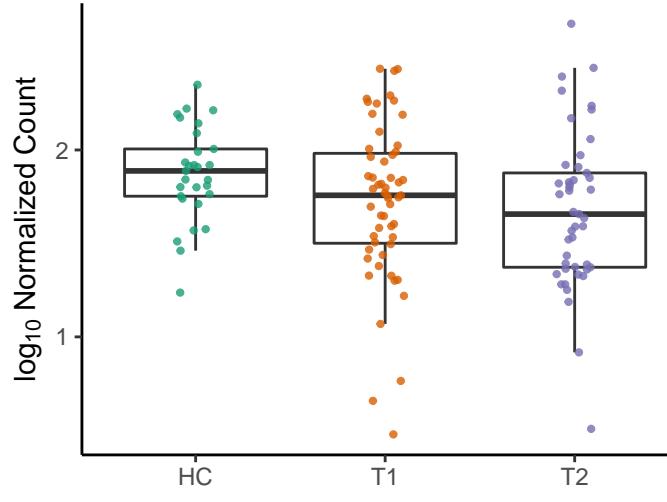
### Desulfosporosinus

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.37  
T1 vs. T2 adjusted p = 0.79



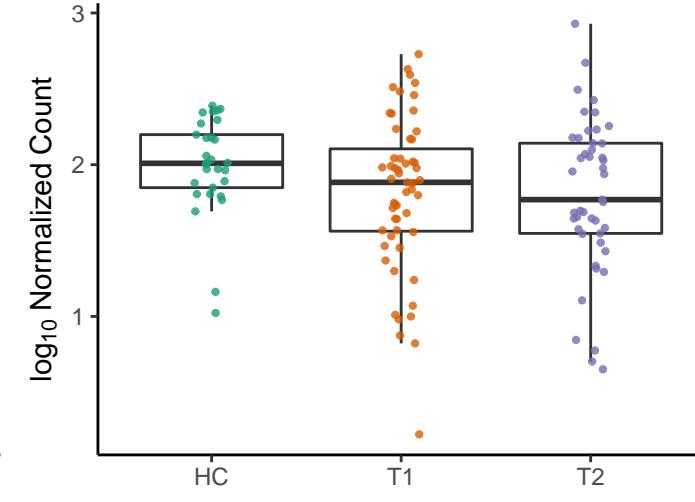
### Basfia

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.8



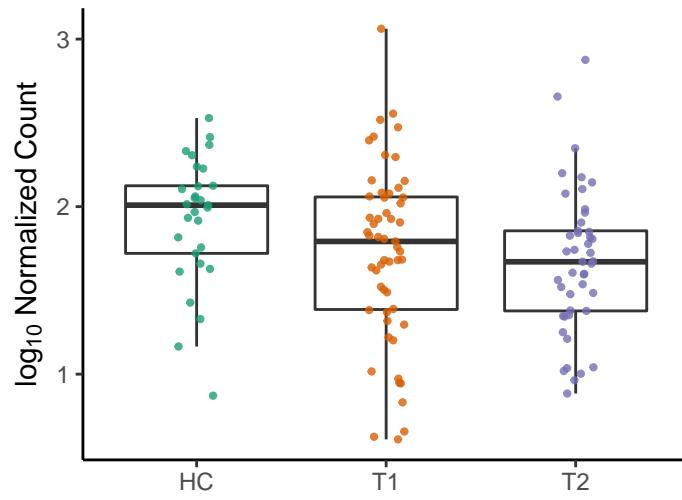
### Fluviicola

non-ED vs. T1 adjusted p = 0.077  
non-ED vs. T2 adjusted p = 0.083  
T1 vs. T2 adjusted p = 0.93



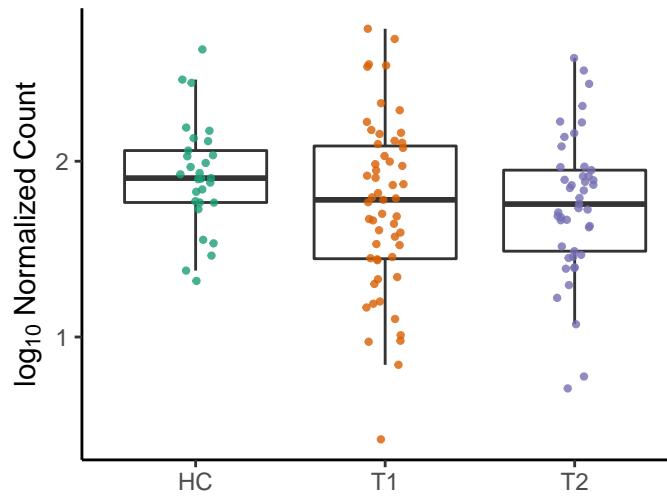
### Thermodesulfobium

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.027  
T1 vs. T2 adjusted p = 0.79



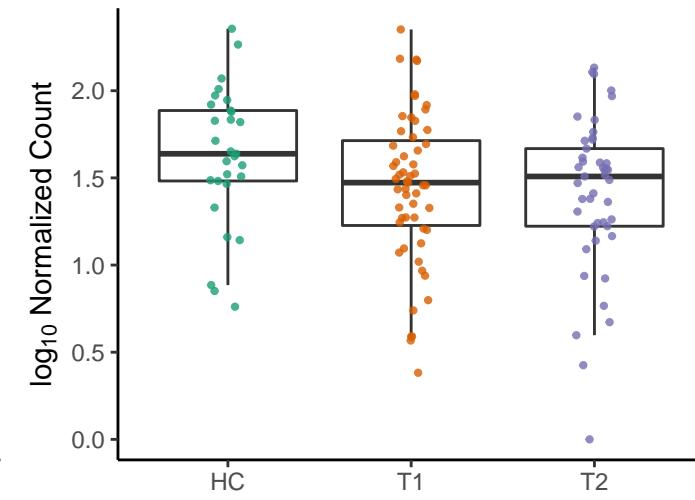
### Acidisarcina

non-ED vs. T1 adjusted p = 0.078  
non-ED vs. T2 adjusted p = 0.075  
T1 vs. T2 adjusted p = 0.93



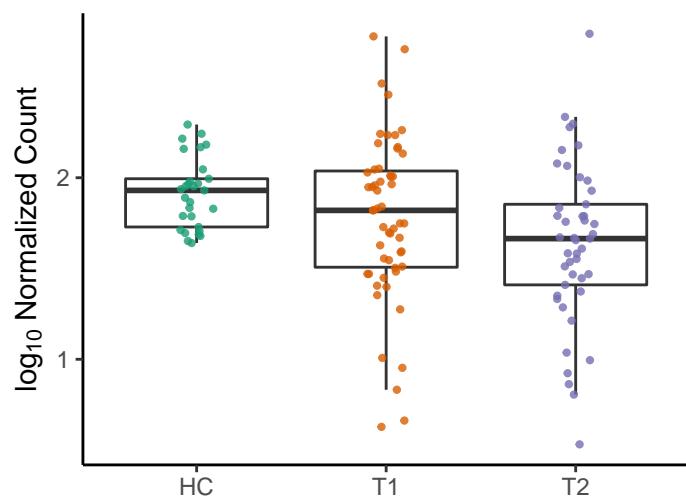
### Cycloclasticus

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.057  
T1 vs. T2 adjusted p = 0.99



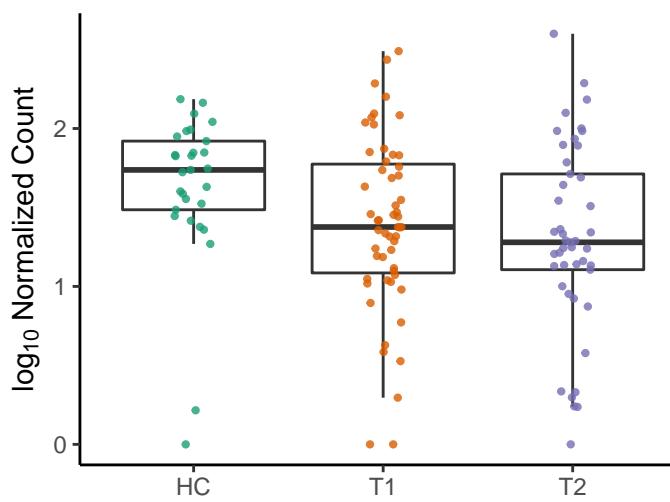
### Arenibacter

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.0068  
T1 vs. T2 adjusted p = 0.79



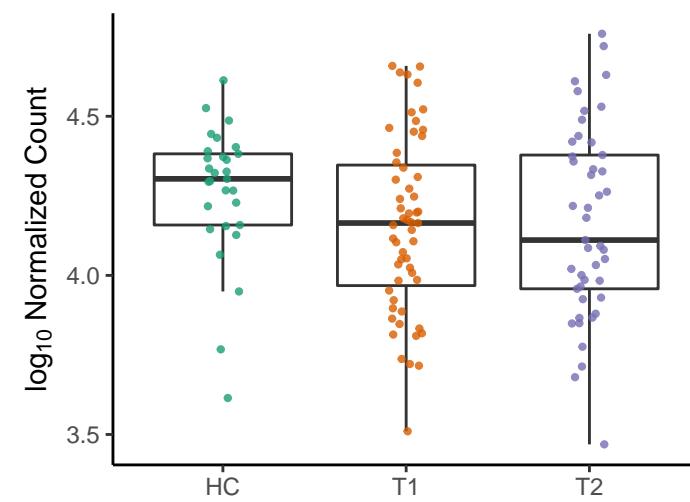
### Unclassified Candidatus Gracilibacteria F

non-ED vs. T1 adjusted p = 0.079  
non-ED vs. T2 adjusted p = 0.032  
T1 vs. T2 adjusted p = 0.89



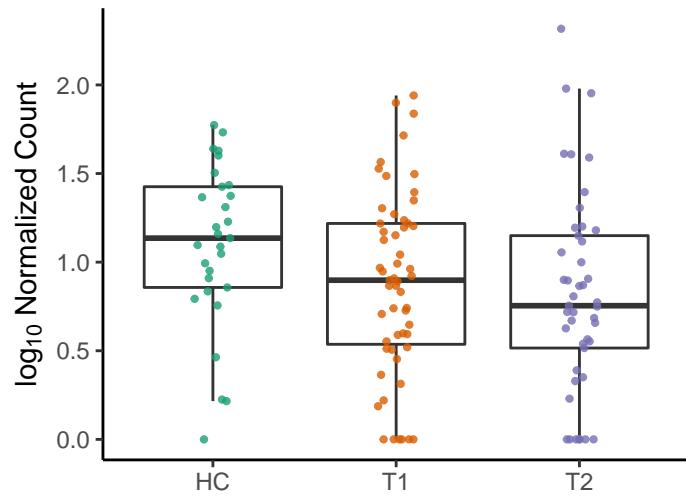
### Bacillus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.92



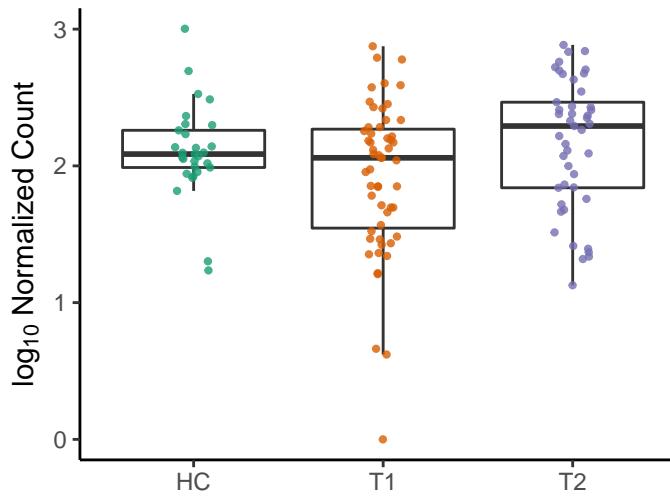
### Candidatus Nitrosopelagicus

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.045  
T1 vs. T2 adjusted p = 0.79



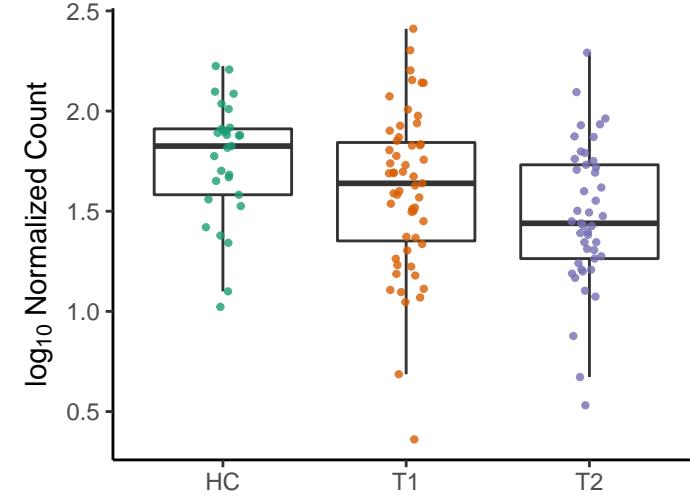
### Unclassified Propionibacteriaceae Family

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.62  
T1 vs. T2 adjusted p = 0.77



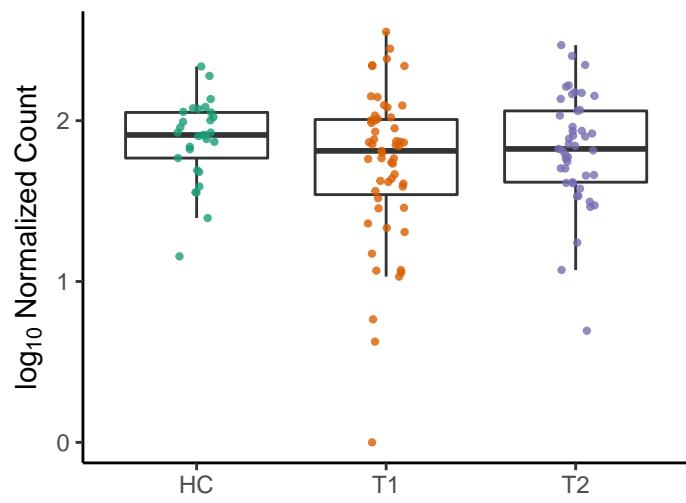
### Dolosigranulum

non-ED vs. T1 adjusted p = 0.08  
non-ED vs. T2 adjusted p = 0.0071  
T1 vs. T2 adjusted p = 0.79



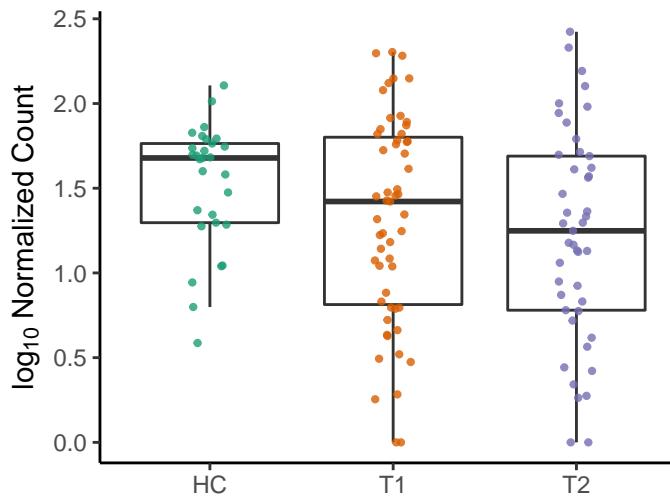
### Thermosulfurimonas

non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.45  
T1 vs. T2 adjusted p = 0.79



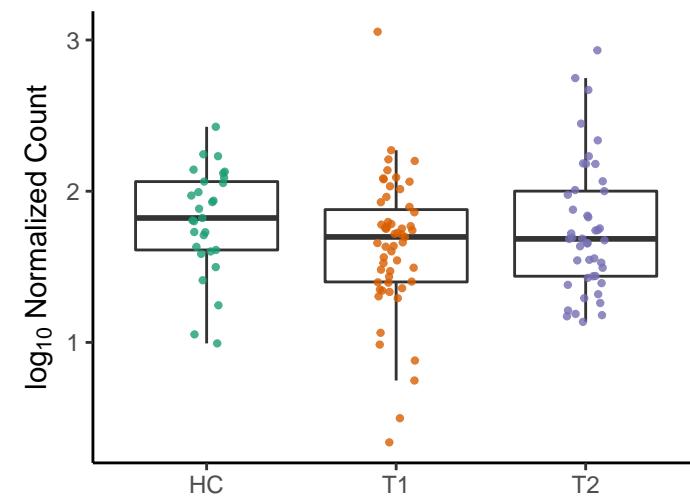
### Unclassified Nocardiaceae Family

non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.028  
T1 vs. T2 adjusted p = 0.83



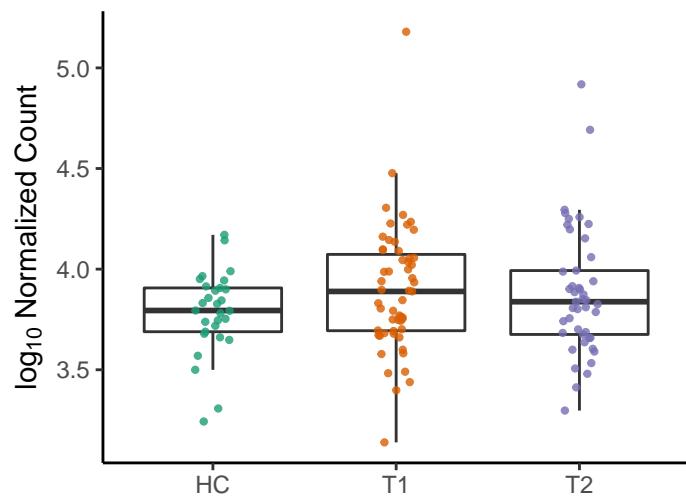
### Microcoleus

non-ED vs. T1 adjusted p = 0.081  
non-ED vs. T2 adjusted p = 0.54  
T1 vs. T2 adjusted p = 0.79



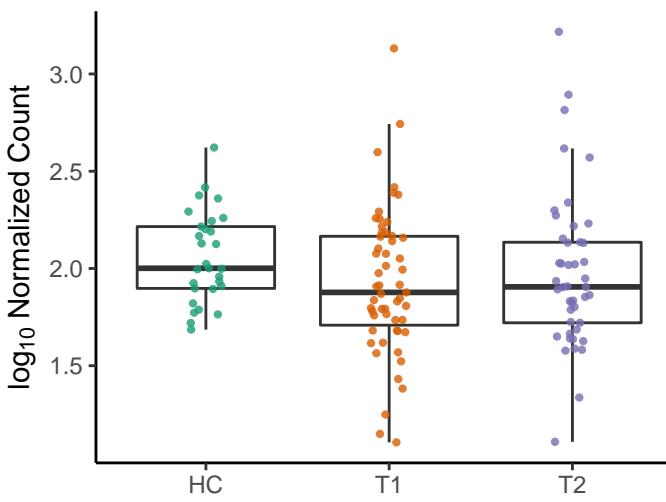
### Hungatella

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.97



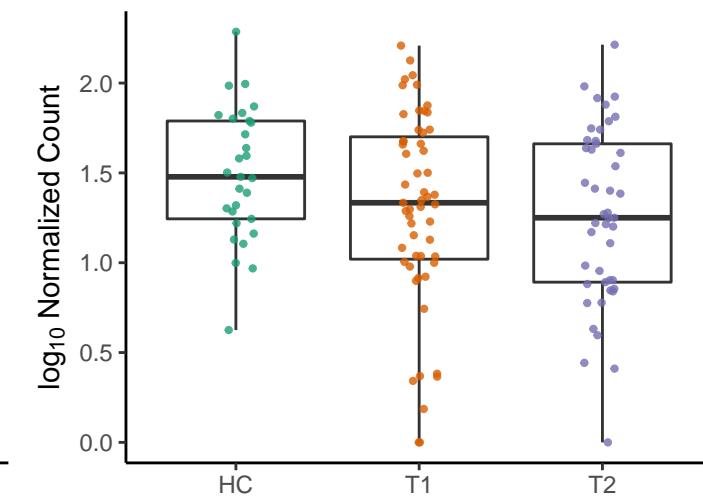
### Rubinisphaera

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.85



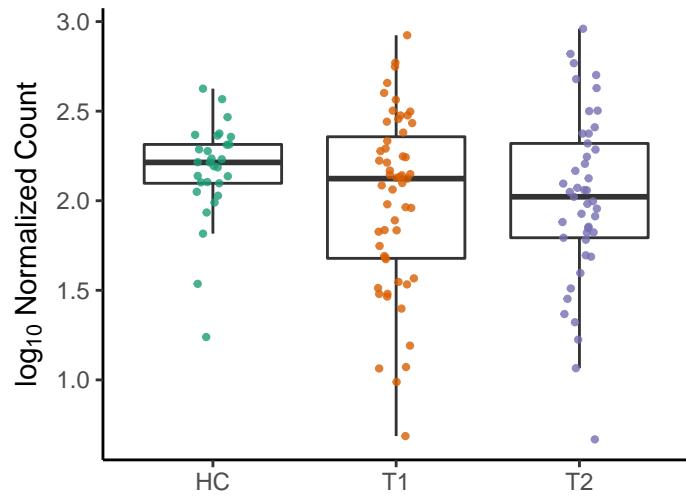
### Haloprofundus

non-ED vs. T1 adjusted p = 0.082  
non-ED vs. T2 adjusted p = 0.044  
T1 vs. T2 adjusted p = 0.92



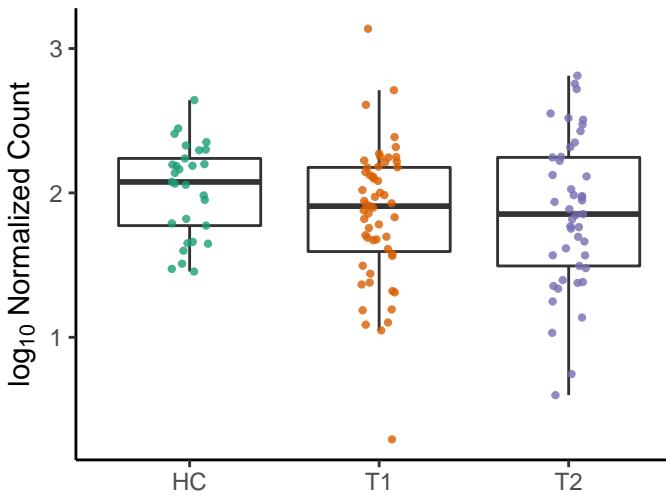
### Solimonas

non-ED vs. T1 adjusted p = 0.083  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.85



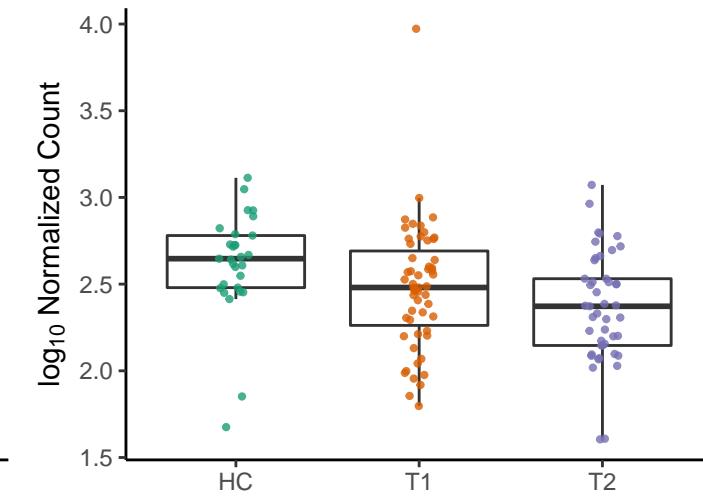
### Unclassified Halomonadaceae Family

non-ED vs. T1 adjusted p = 0.083  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.86



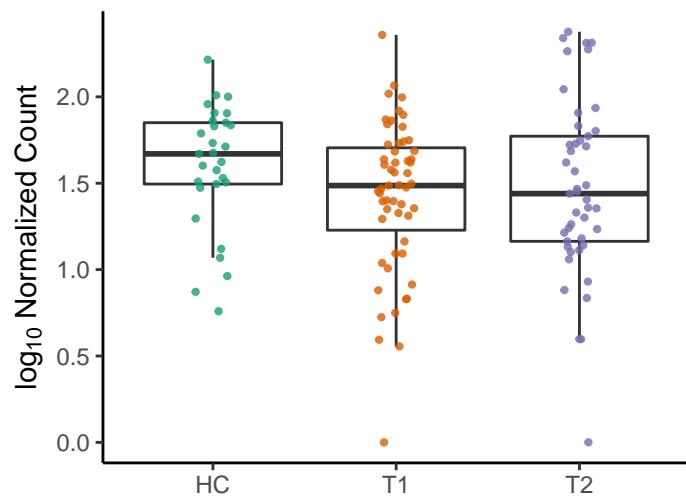
### Unclassified Nostocales Order

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.0095  
T1 vs. T2 adjusted p = 0.79



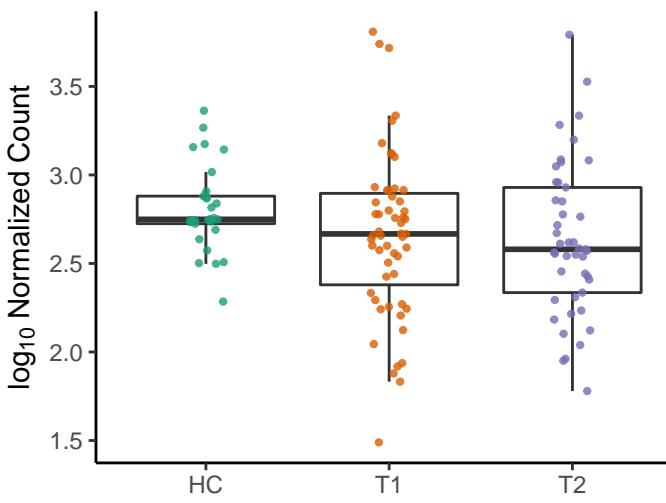
### Unclassified Planococcaceae Family

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.26  
T1 vs. T2 adjusted p = 0.91



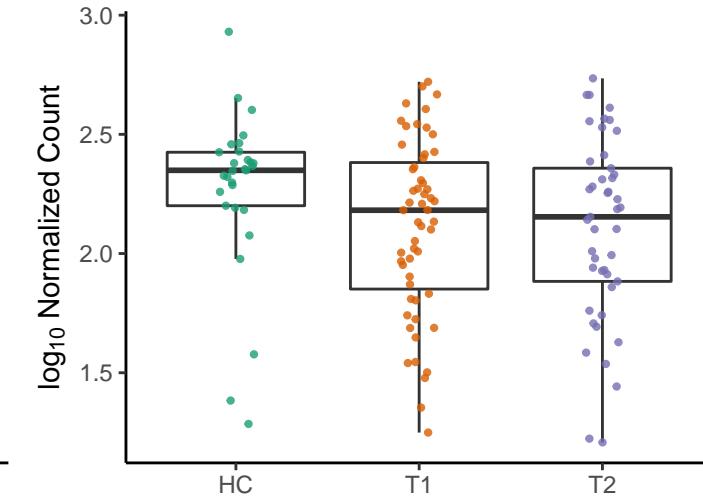
### Trueperella

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.053  
T1 vs. T2 adjusted p = 0.93



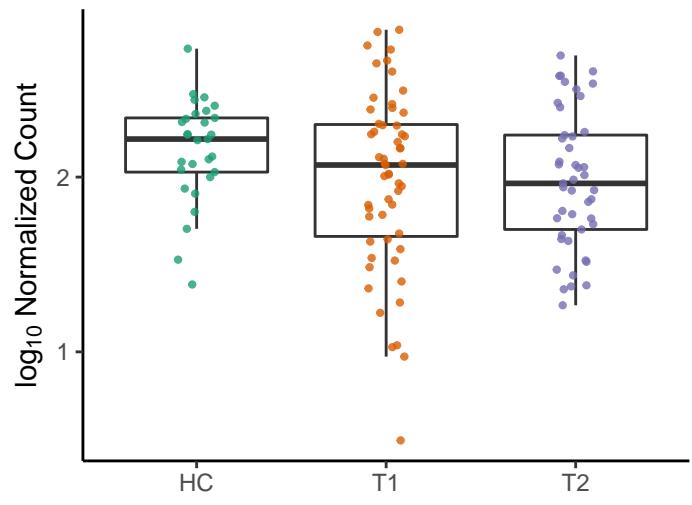
### Aliivibrio

non-ED vs. T1 adjusted p = 0.084  
non-ED vs. T2 adjusted p = 0.09  
T1 vs. T2 adjusted p = 0.91



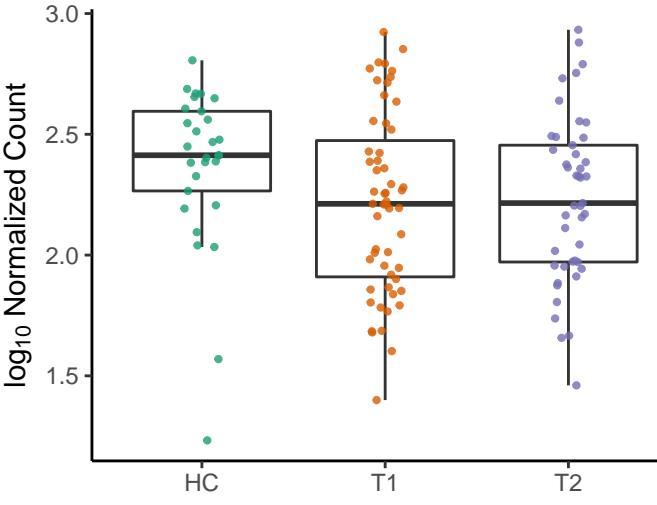
### *Natronolimnobius*

non-ED vs. T1 adjusted p = 0.084  
 non-ED vs. T2 adjusted p = 0.059  
 T1 vs. T2 adjusted p = 0.91



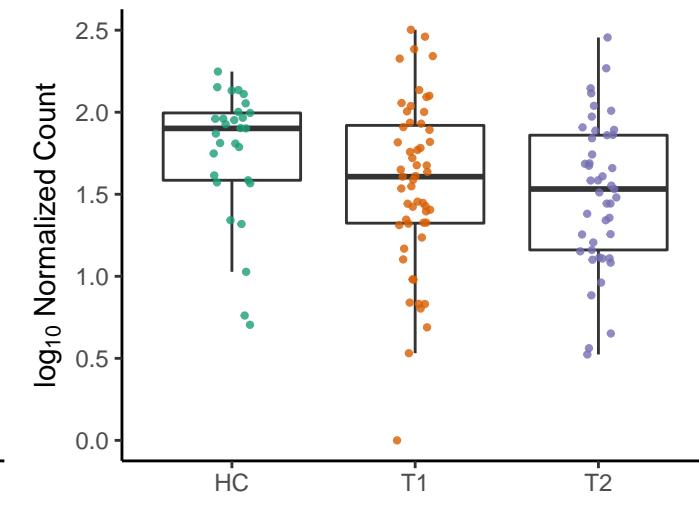
### *Fervidobacterium*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.13  
 T1 vs. T2 adjusted p = 0.96



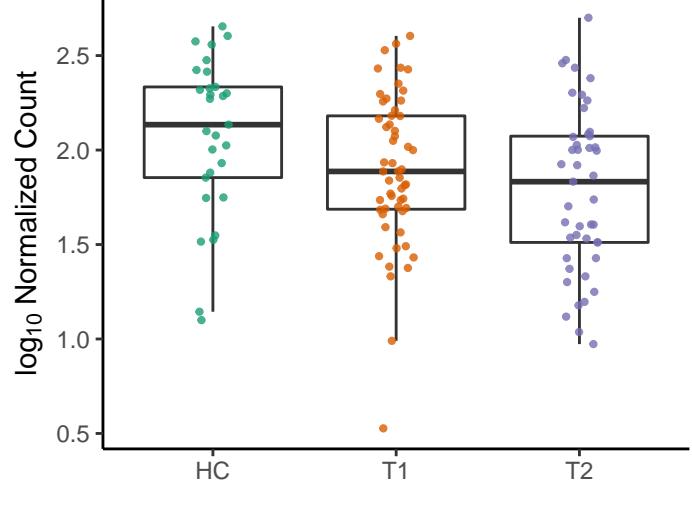
### *Owenweeksia*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.032  
 T1 vs. T2 adjusted p = 0.79



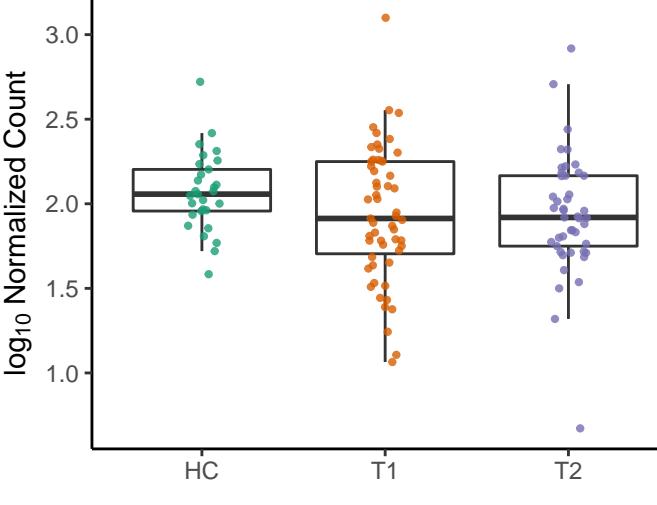
### *Halobacteroides*

non-ED vs. T1 adjusted p = 0.085  
 non-ED vs. T2 adjusted p = 0.022  
 T1 vs. T2 adjusted p = 0.79



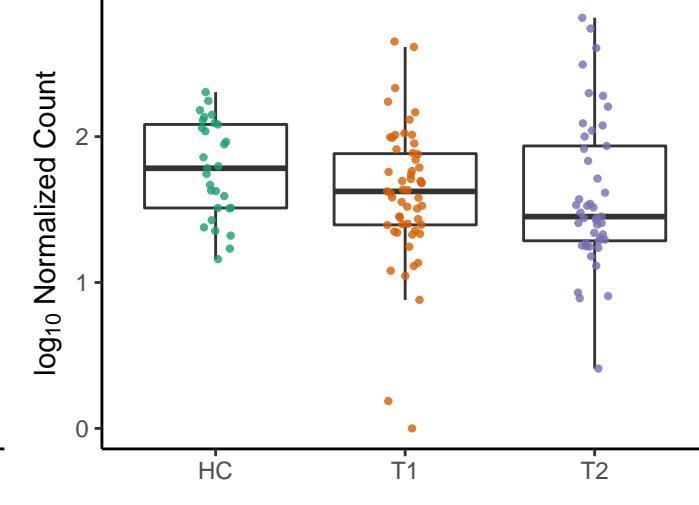
### *Granulosicoccus*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.083  
 T1 vs. T2 adjusted p = 1



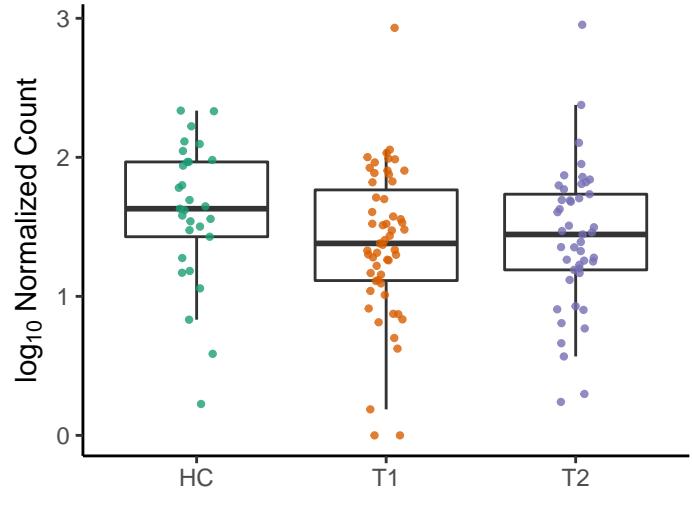
### *Limnobaculum*

non-ED vs. T1 adjusted p = 0.087  
 non-ED vs. T2 adjusted p = 0.12  
 T1 vs. T2 adjusted p = 0.98



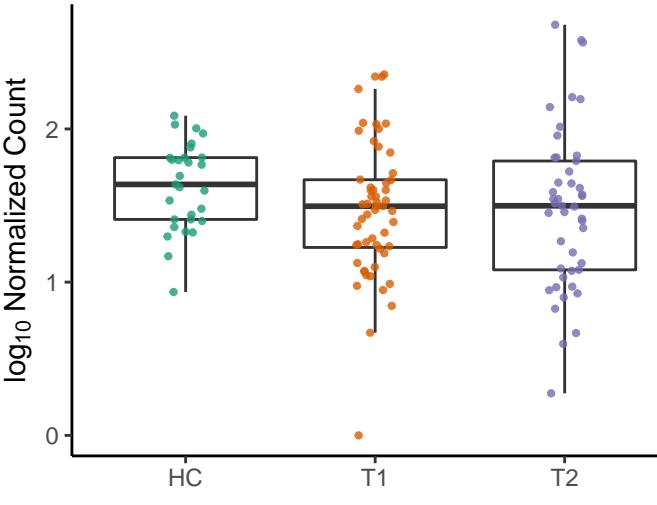
### *Thermodesulfatator*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.16  
 T1 vs. T2 adjusted p = 0.84



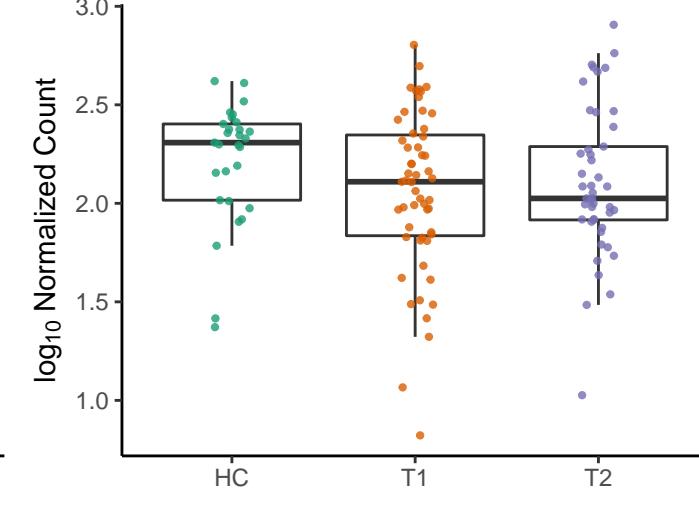
### *Mycetocola*

non-ED vs. T1 adjusted p = 0.088  
 non-ED vs. T2 adjusted p = 0.17  
 T1 vs. T2 adjusted p = 0.9



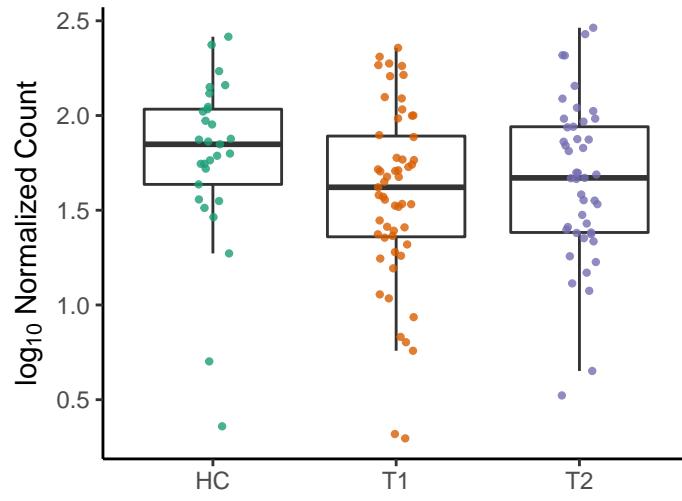
### *Caldanaerobacter*

non-ED vs. T1 adjusted p = 0.089  
 non-ED vs. T2 adjusted p = 0.22  
 T1 vs. T2 adjusted p = 0.93



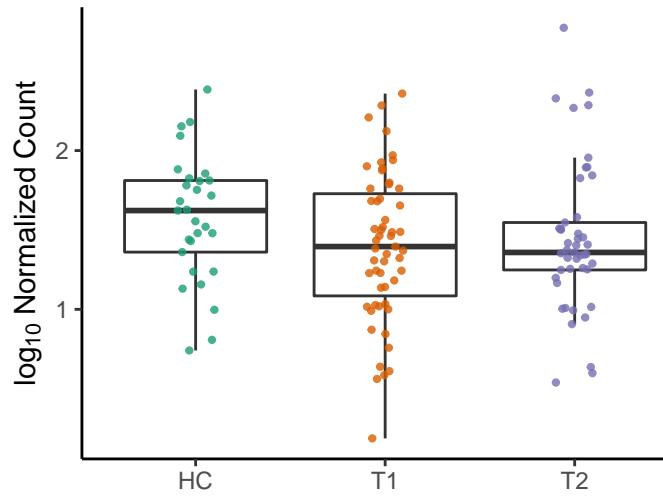
### Candidatus Riesia

non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.29  
T1 vs. T2 adjusted p = 0.79



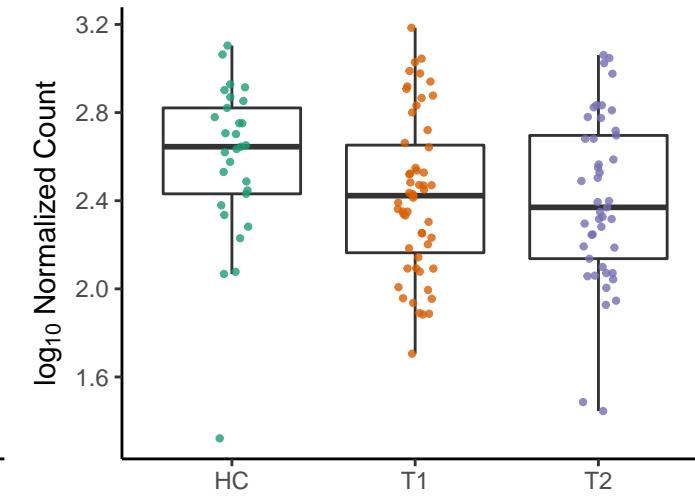
### Simonsiella

non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.85



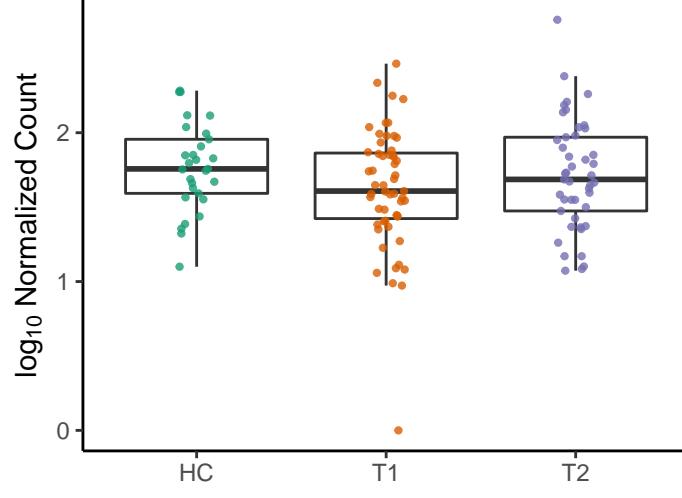
### Caloramator

non-ED vs. T1 adjusted p = 0.09  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.86



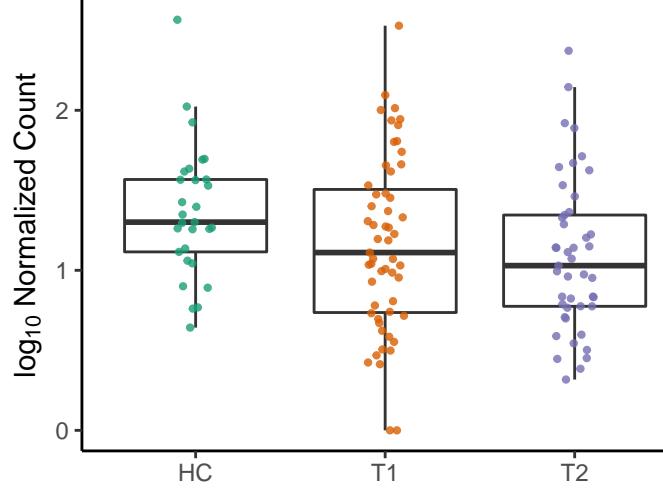
### Hoyosella

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.51  
T1 vs. T2 adjusted p = 0.79



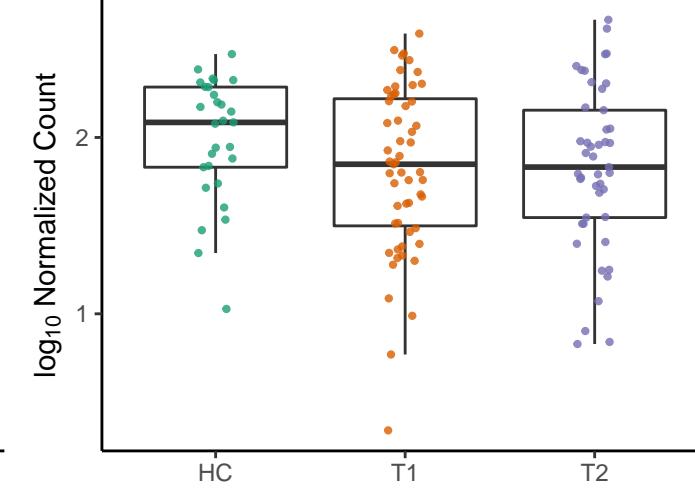
### Candidatus Fukatsuia

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.03  
T1 vs. T2 adjusted p = 0.8



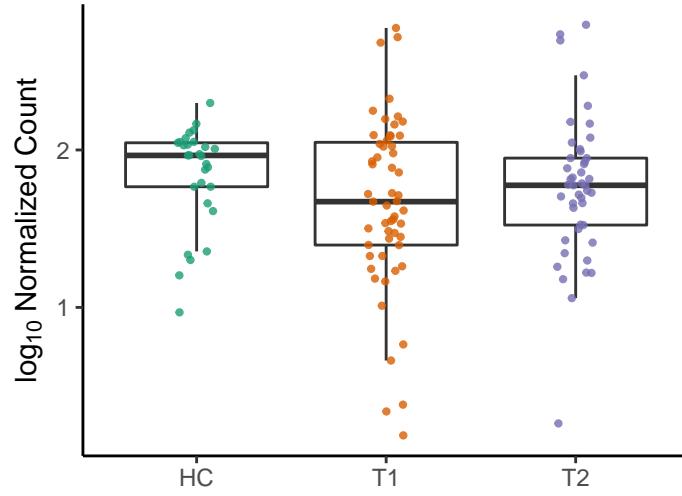
### Candidatus Syntrophocurvum

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.12  
T1 vs. T2 adjusted p = 0.99



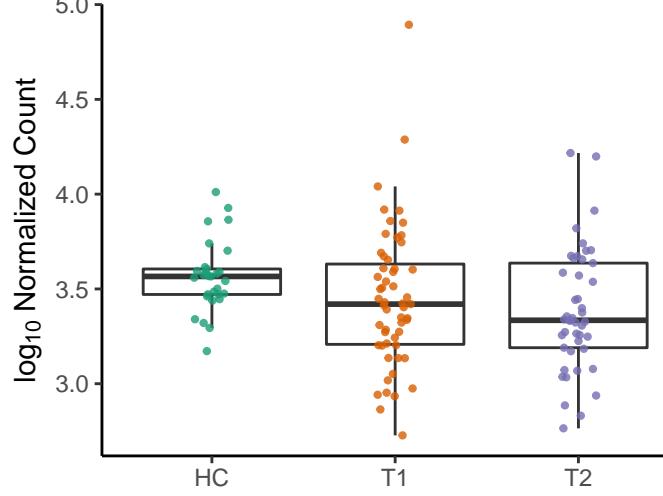
### Acetomicrobium

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.44  
T1 vs. T2 adjusted p = 0.79



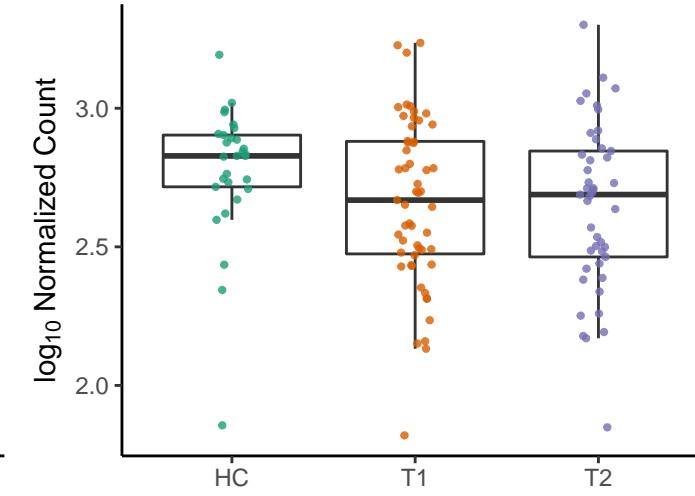
### Unclassified Enterobacterales Order

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.017  
T1 vs. T2 adjusted p = 0.97



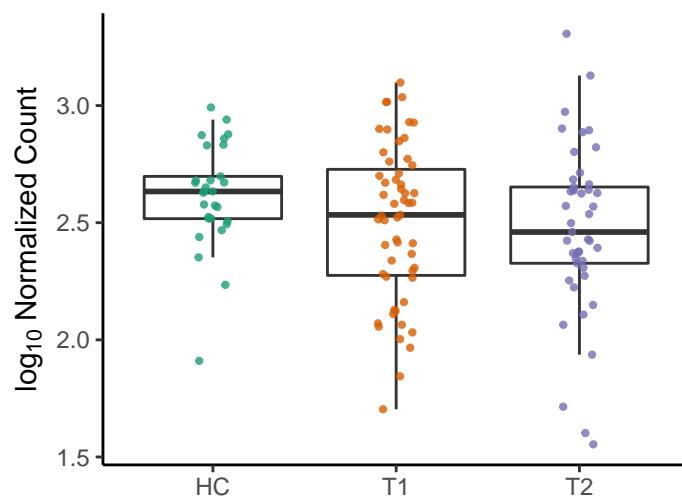
### Providencia

non-ED vs. T1 adjusted p = 0.091  
non-ED vs. T2 adjusted p = 0.078  
T1 vs. T2 adjusted p = 0.94



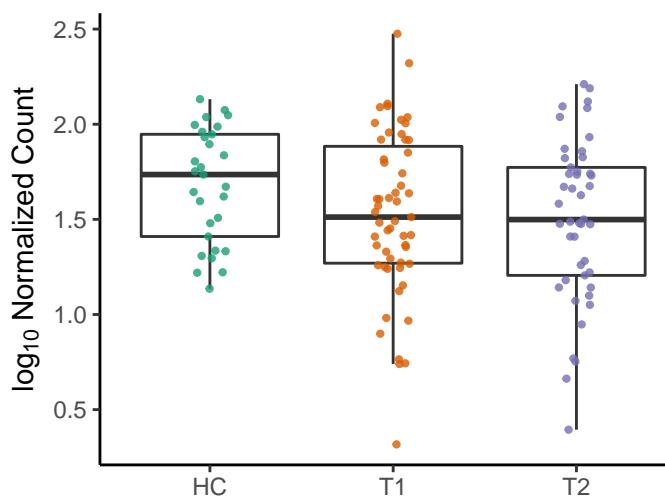
### Actinobacillus

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.063  
T1 vs. T2 adjusted p = 0.97



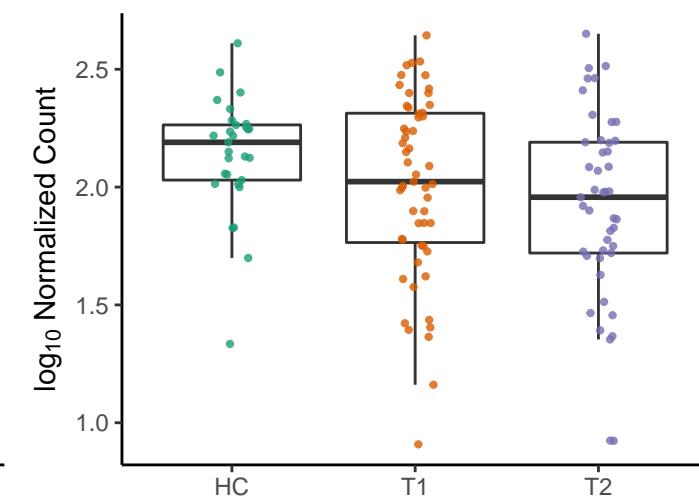
### Commensalibacter

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.067  
T1 vs. T2 adjusted p = 0.8



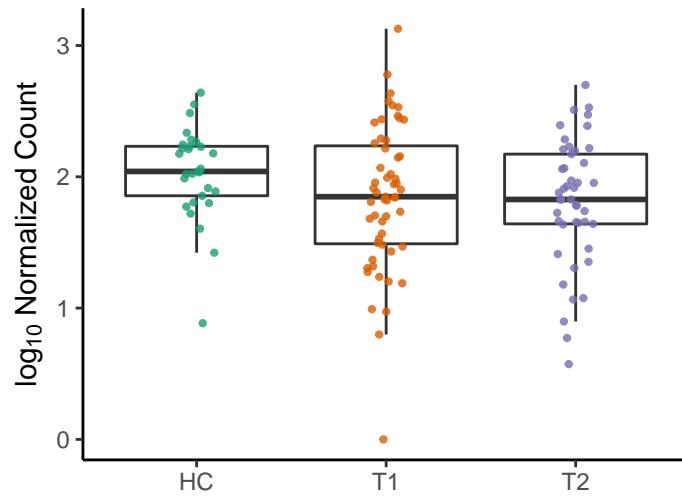
### Liberibacter

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.018  
T1 vs. T2 adjusted p = 0.79



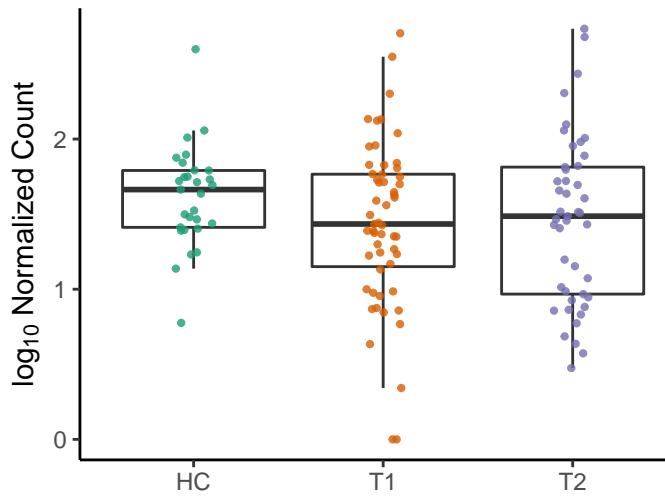
### Kytococcus

non-ED vs. T1 adjusted p = 0.092  
non-ED vs. T2 adjusted p = 0.05  
T1 vs. T2 adjusted p = 0.99



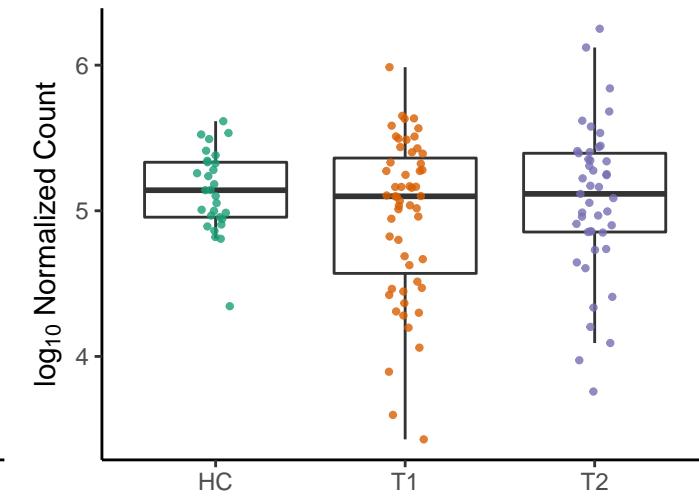
### Halostella

non-ED vs. T1 adjusted p = 0.093  
non-ED vs. T2 adjusted p = 0.17  
T1 vs. T2 adjusted p = 0.97



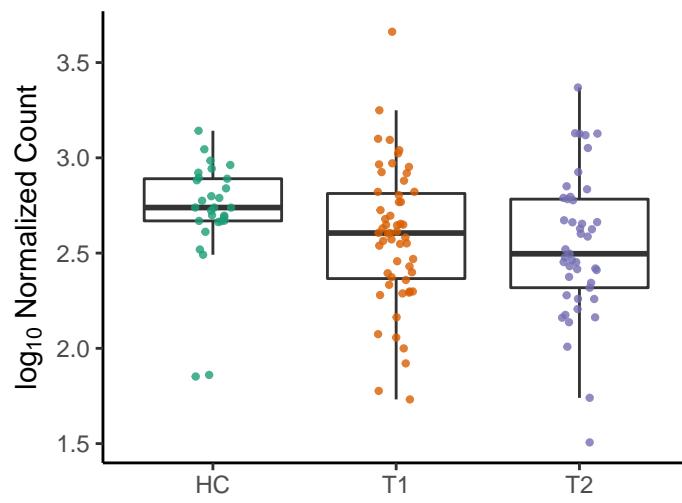
### Anaerobutyricum

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.55  
T1 vs. T2 adjusted p = 0.79



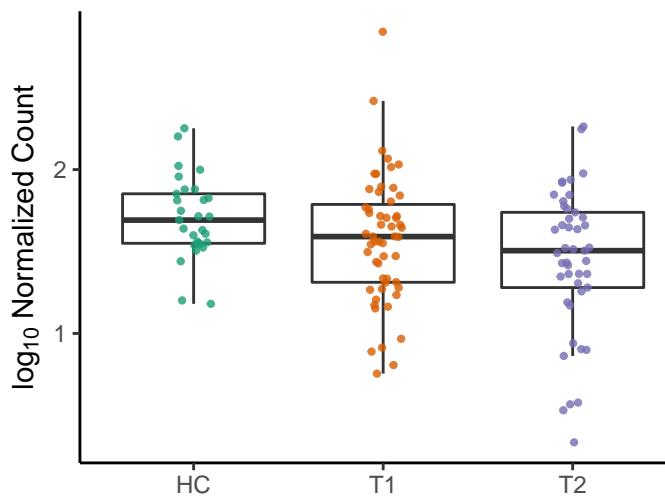
### Unclassified Pasteurellaceae Family

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.98



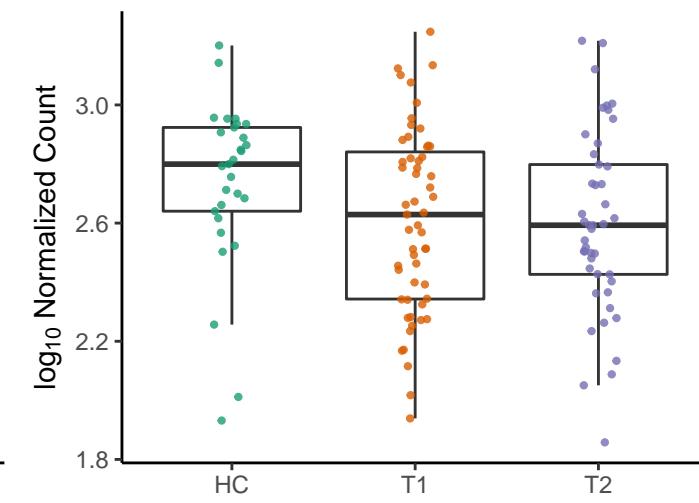
### Gillisia

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.014  
T1 vs. T2 adjusted p = 0.79



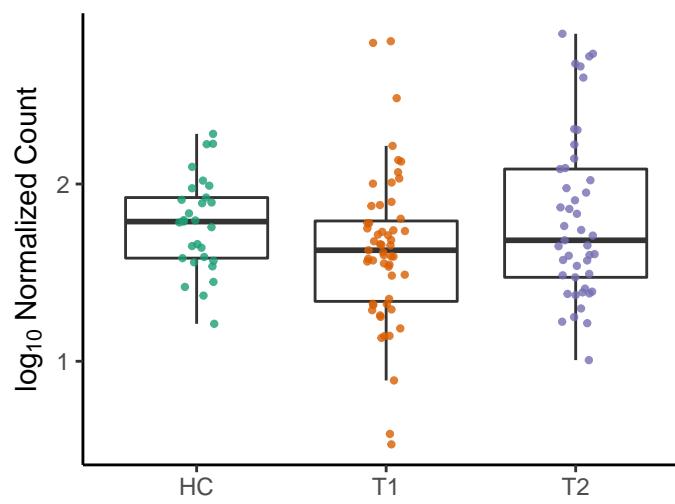
### Bartonella

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.087  
T1 vs. T2 adjusted p = 0.99



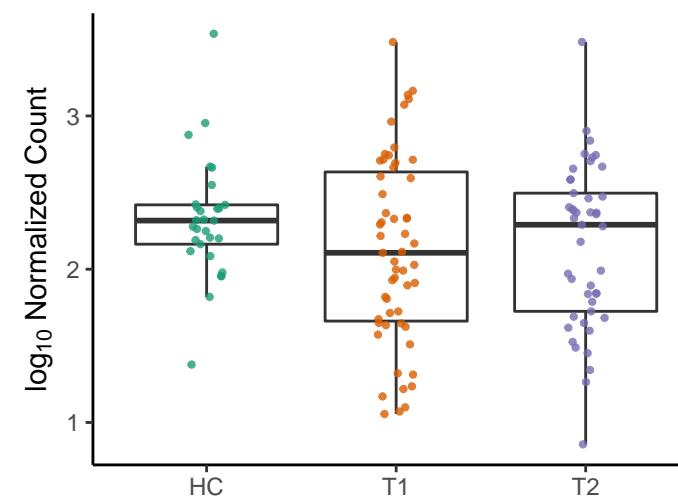
### Mariniblastus

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.72  
T1 vs. T2 adjusted p = 0.77



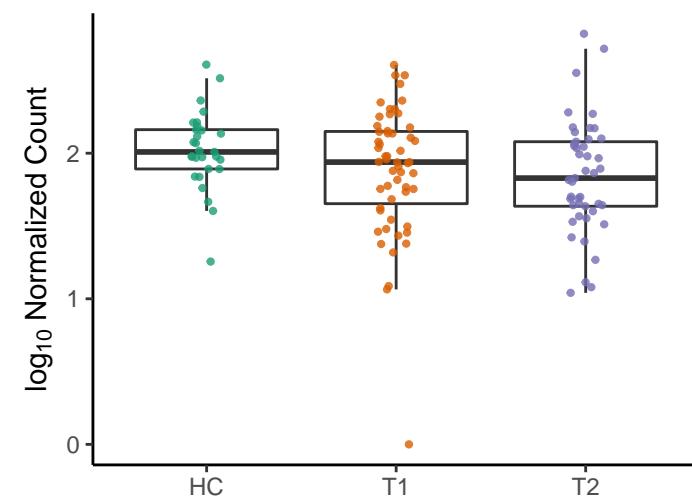
### Unclassified Actinomycetaceae Family

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.14  
T1 vs. T2 adjusted p = 0.8



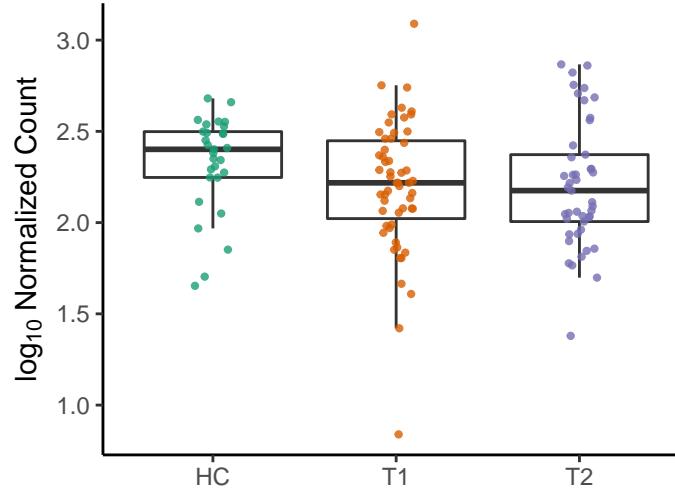
### Unclassified Flammovirgaceae Family

non-ED vs. T1 adjusted p = 0.094  
non-ED vs. T2 adjusted p = 0.041  
T1 vs. T2 adjusted p = 0.81



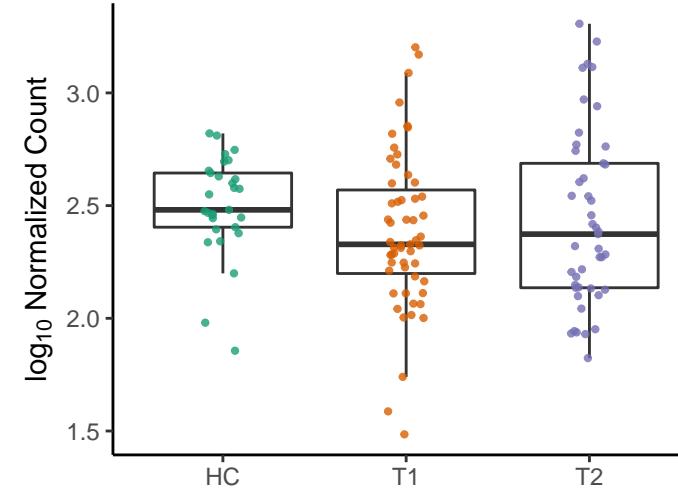
### Tepidanaerobacter

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.13  
T1 vs. T2 adjusted p = 0.99



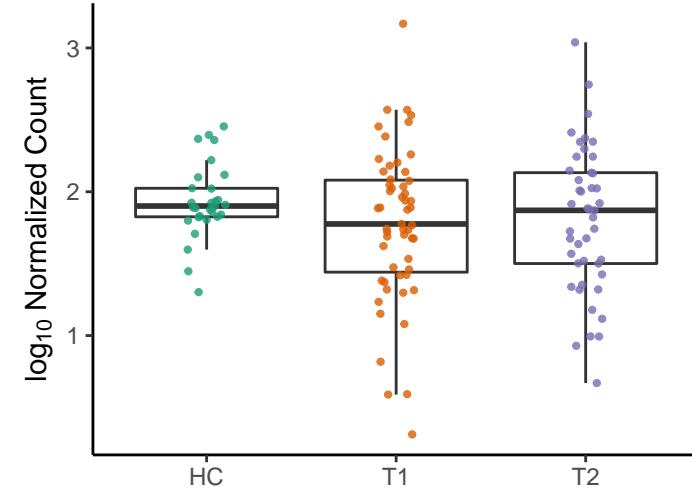
### Parageobacillus

non-ED vs. T1 adjusted p = 0.095  
non-ED vs. T2 adjusted p = 0.42  
T1 vs. T2 adjusted p = 0.8



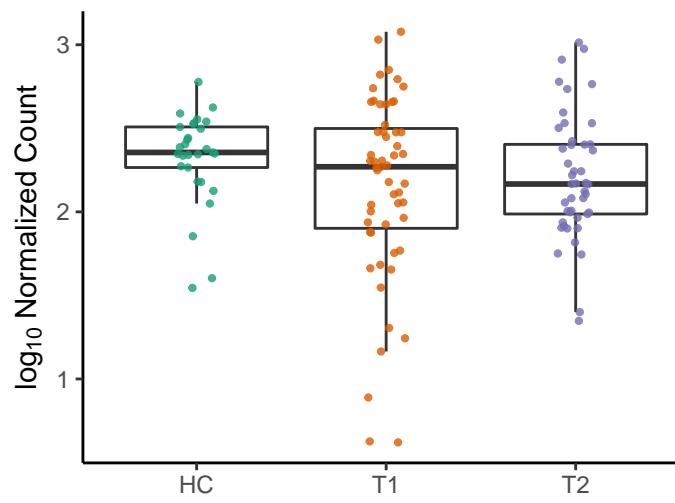
### Oceanicola

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.19  
T1 vs. T2 adjusted p = 0.8



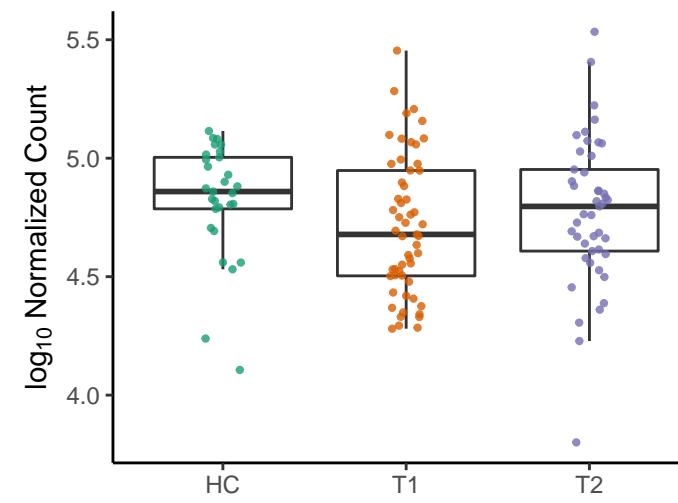
### Azospira

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.18  
T1 vs. T2 adjusted p = 0.79



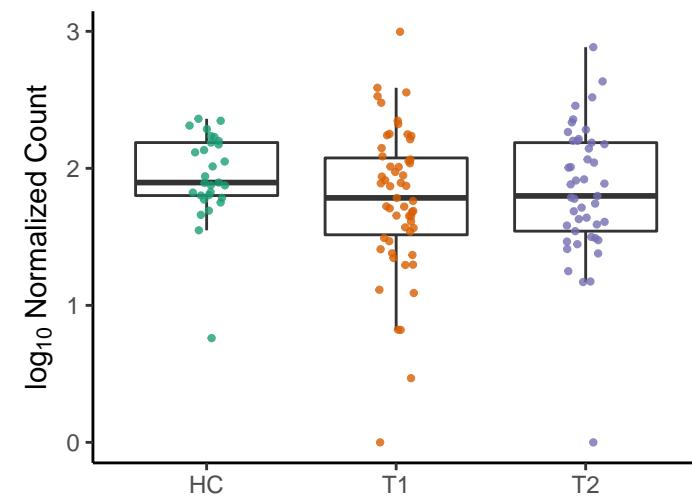
### Clostridioides

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.48  
T1 vs. T2 adjusted p = 0.79



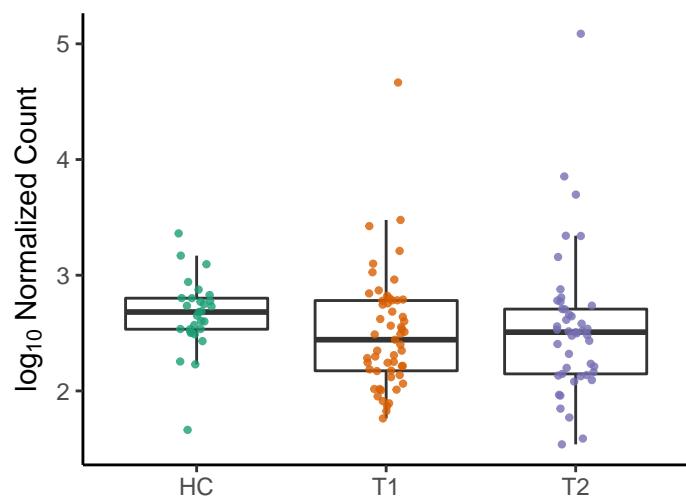
### Jeongeupia

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.28  
T1 vs. T2 adjusted p = 0.79



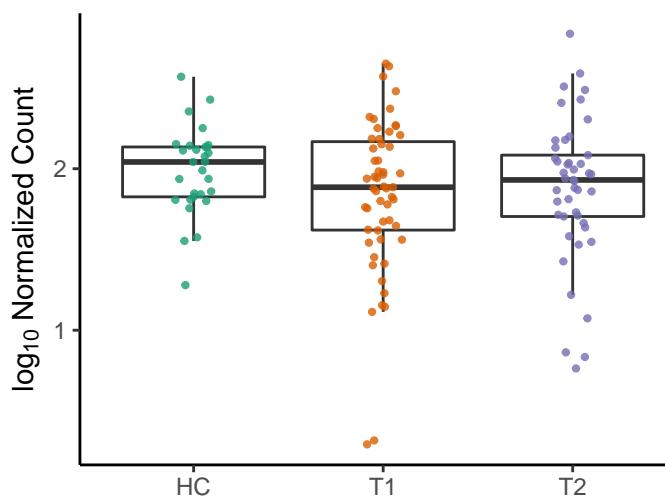
### Atopobium

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.32  
T1 vs. T2 adjusted p = 0.85



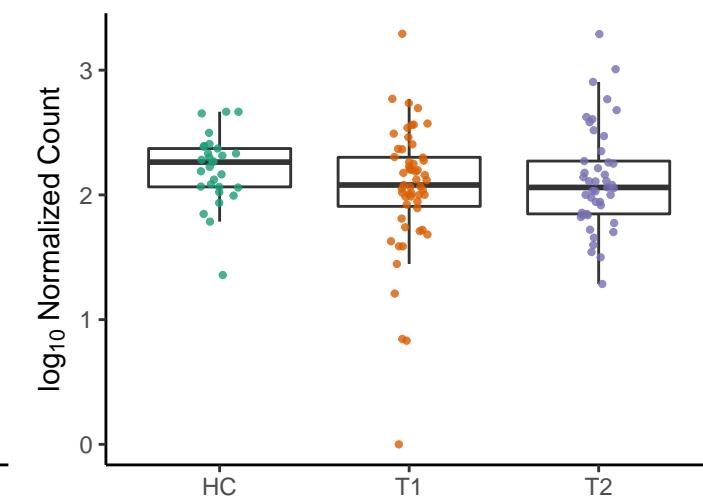
### Desulfomonile

non-ED vs. T1 adjusted p = 0.096  
non-ED vs. T2 adjusted p = 0.22  
T1 vs. T2 adjusted p = 0.8



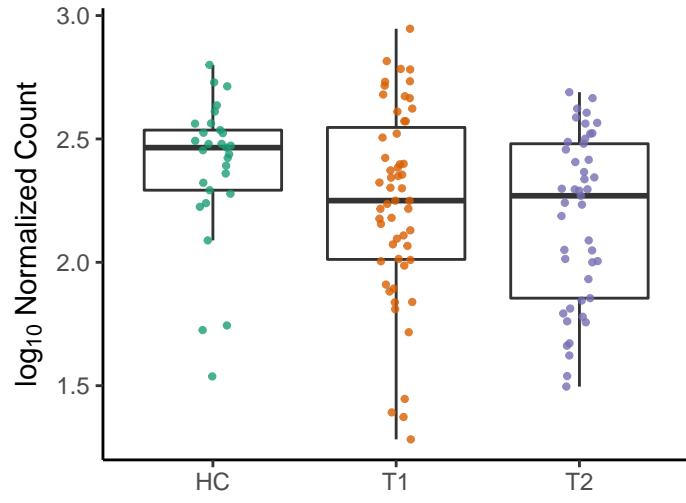
### Hoeflea

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.34  
T1 vs. T2 adjusted p = 0.79



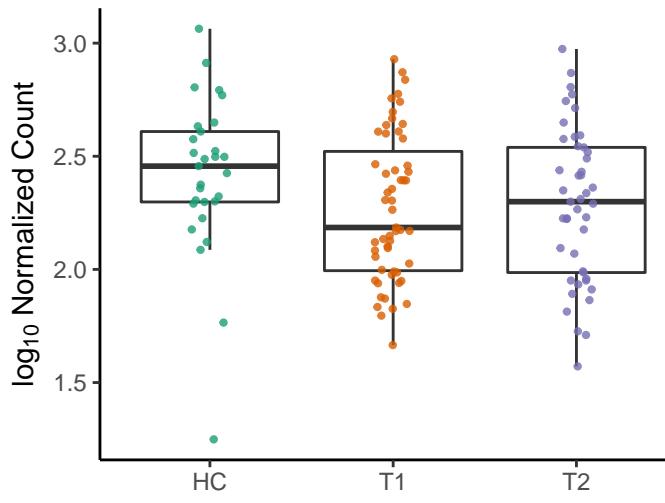
### Tetrapisispora

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.024  
T1 vs. T2 adjusted p = 0.79



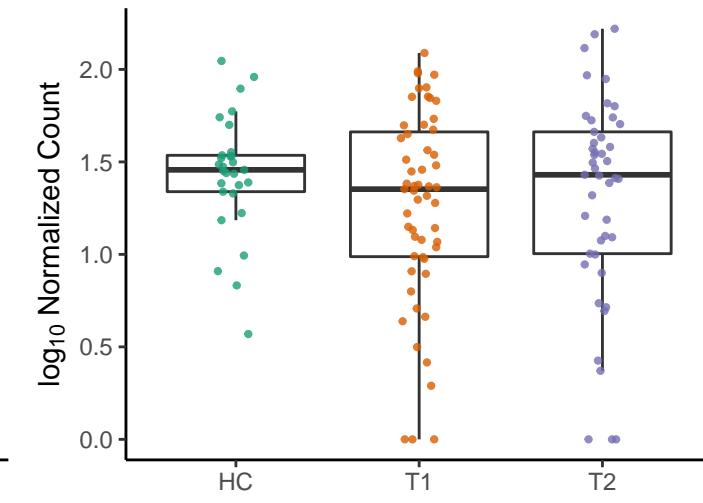
### Kurthia

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.15  
T1 vs. T2 adjusted p = 0.97



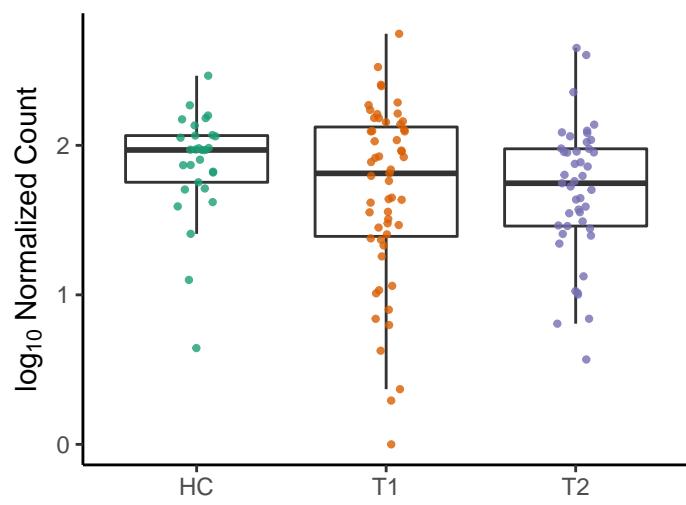
### Pajaroellobacter

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.27  
T1 vs. T2 adjusted p = 0.81



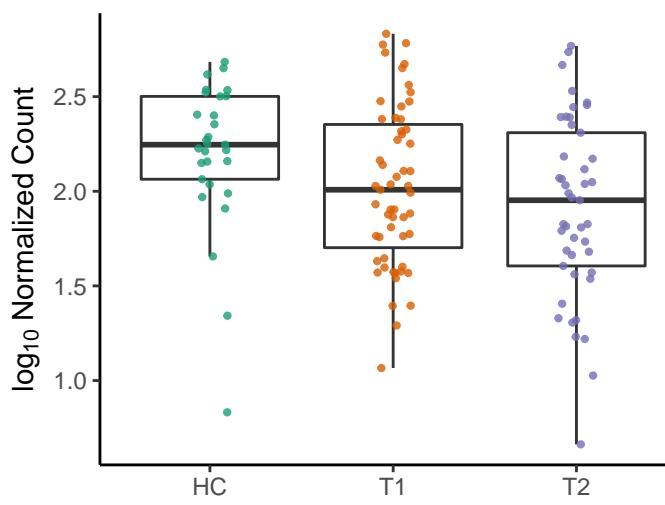
### Unclassified Vibionaceae Family

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.085  
T1 vs. T2 adjusted p = 0.99



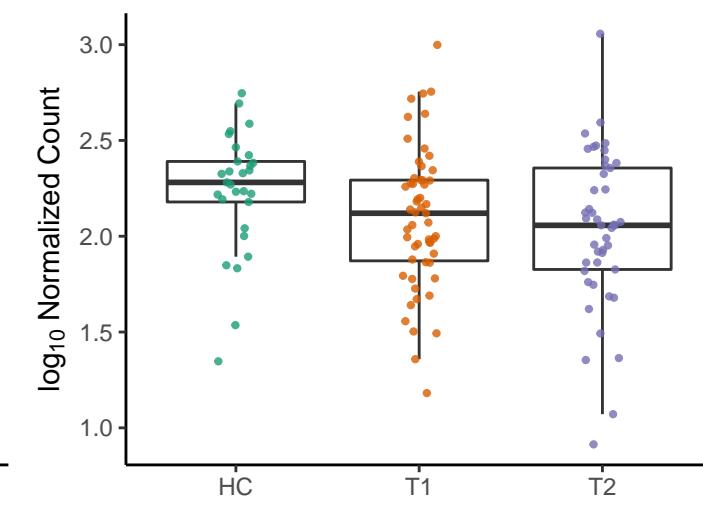
### Borreliella

non-ED vs. T1 adjusted p = 0.097  
non-ED vs. T2 adjusted p = 0.022  
T1 vs. T2 adjusted p = 0.79



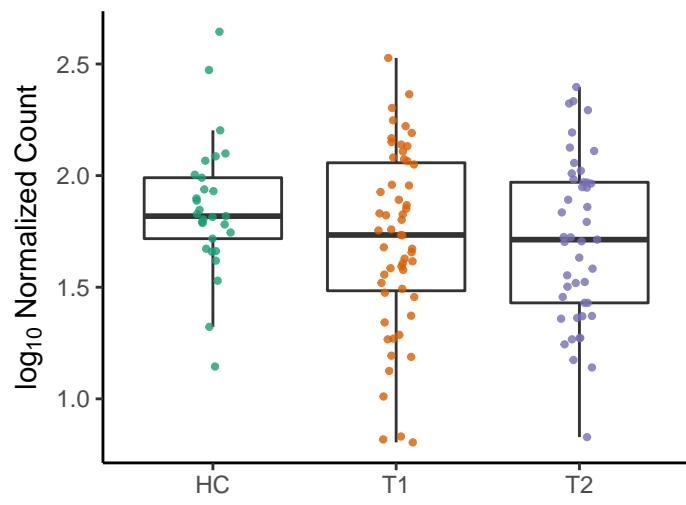
### Cyclobacterium

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.04  
T1 vs. T2 adjusted p = 0.79



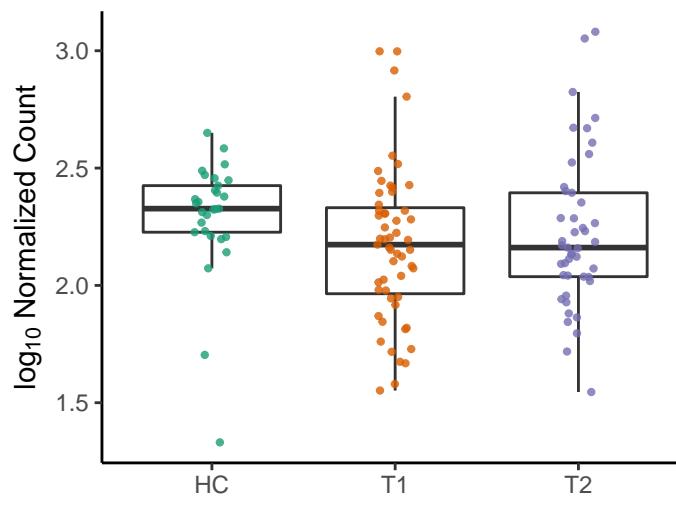
### Nitrososphaera

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.097  
T1 vs. T2 adjusted p = 0.89



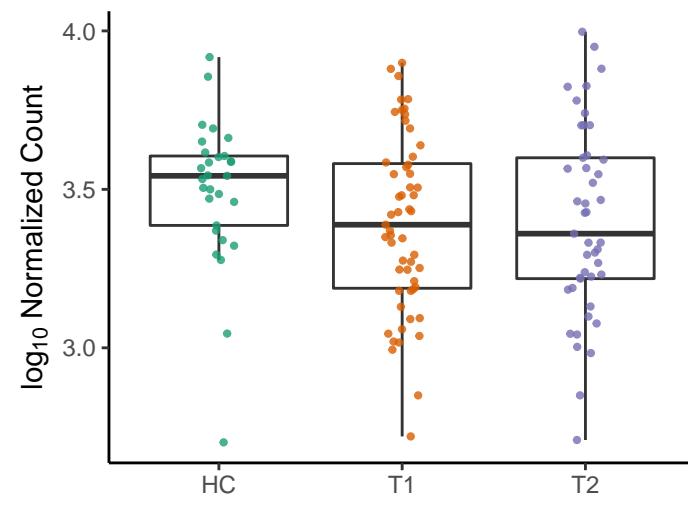
### Muricauda

non-ED vs. T1 adjusted p = 0.098  
non-ED vs. T2 adjusted p = 0.36  
T1 vs. T2 adjusted p = 0.81



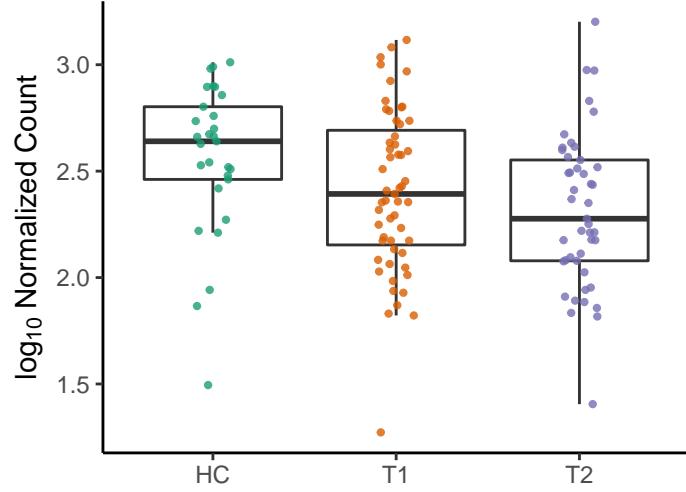
### Unclassified Bacillales Order

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.16  
T1 vs. T2 adjusted p = 0.9



### Crassaminicella

non-ED vs. T1 adjusted p = 0.099  
non-ED vs. T2 adjusted p = 0.02  
T1 vs. T2 adjusted p = 0.79



### Veillonella

non-ED vs. T1 adjusted p = 0.1  
non-ED vs. T2 adjusted p = 0.71  
T1 vs. T2 adjusted p = 0.79

