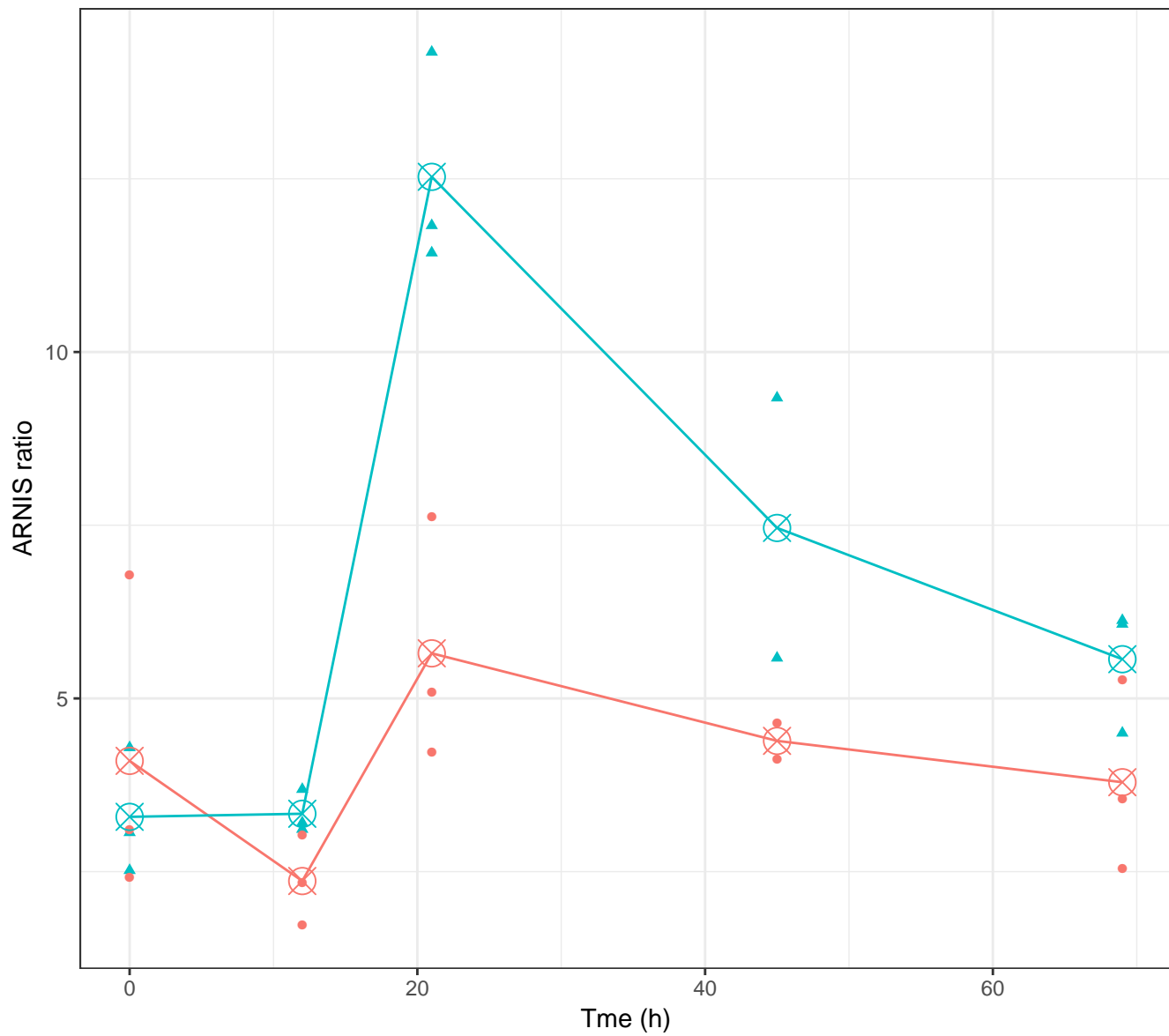


Supplementary Figure 1. Dynamics of specific bacterial lineages determined with the ARNIS ratio in the control treatment (red colour) and bacterivore-free (Filtered–1micron) treatment (blue colour). Circles and triangles show values in replicates of the control and bacterivore-free treatments, respectively. Lines connect average values (crossed circles) from the treatments.

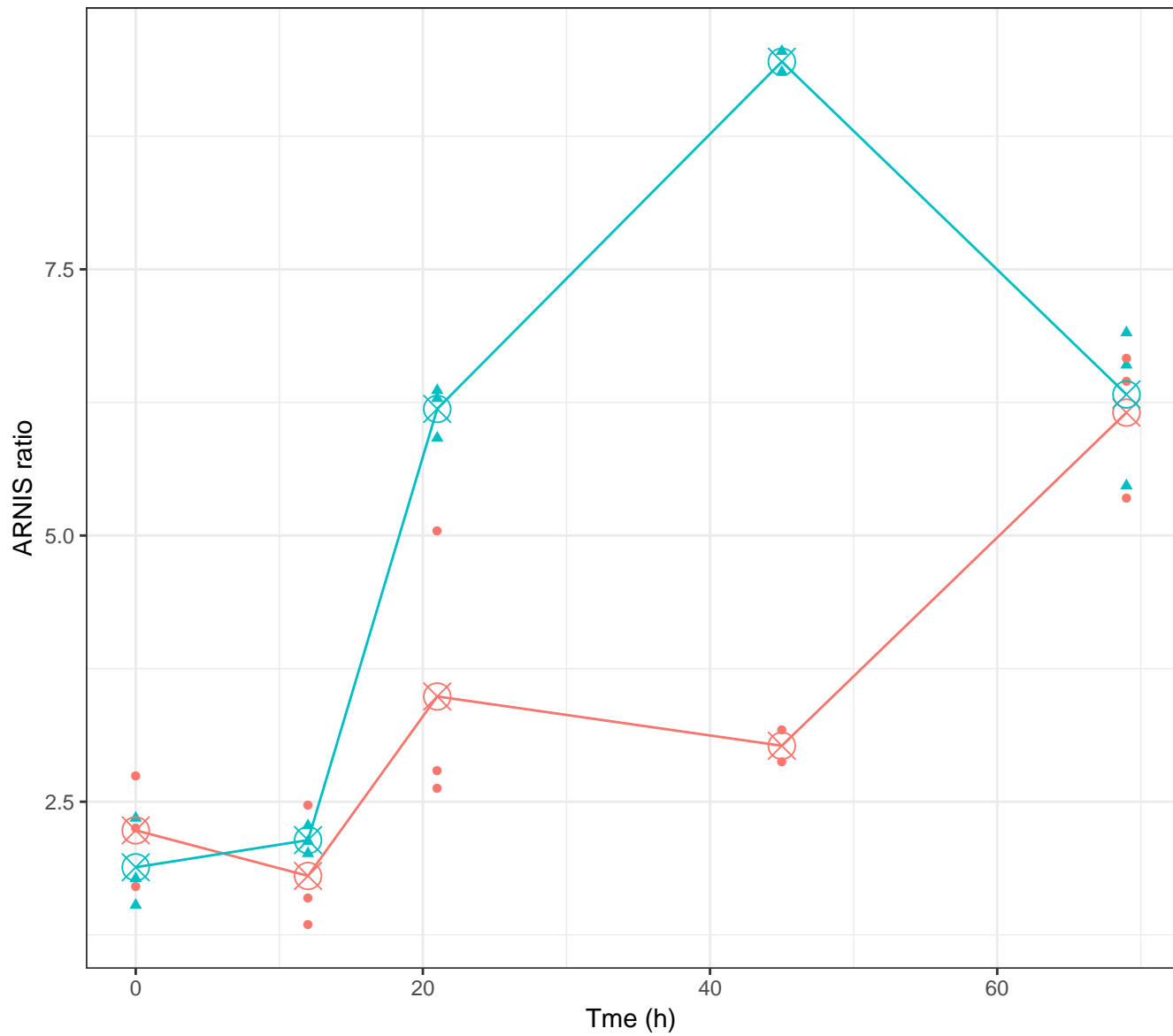
OTU.3_Actinobacteria_clade_acl_B1

Treatment Control Filtered-1micron



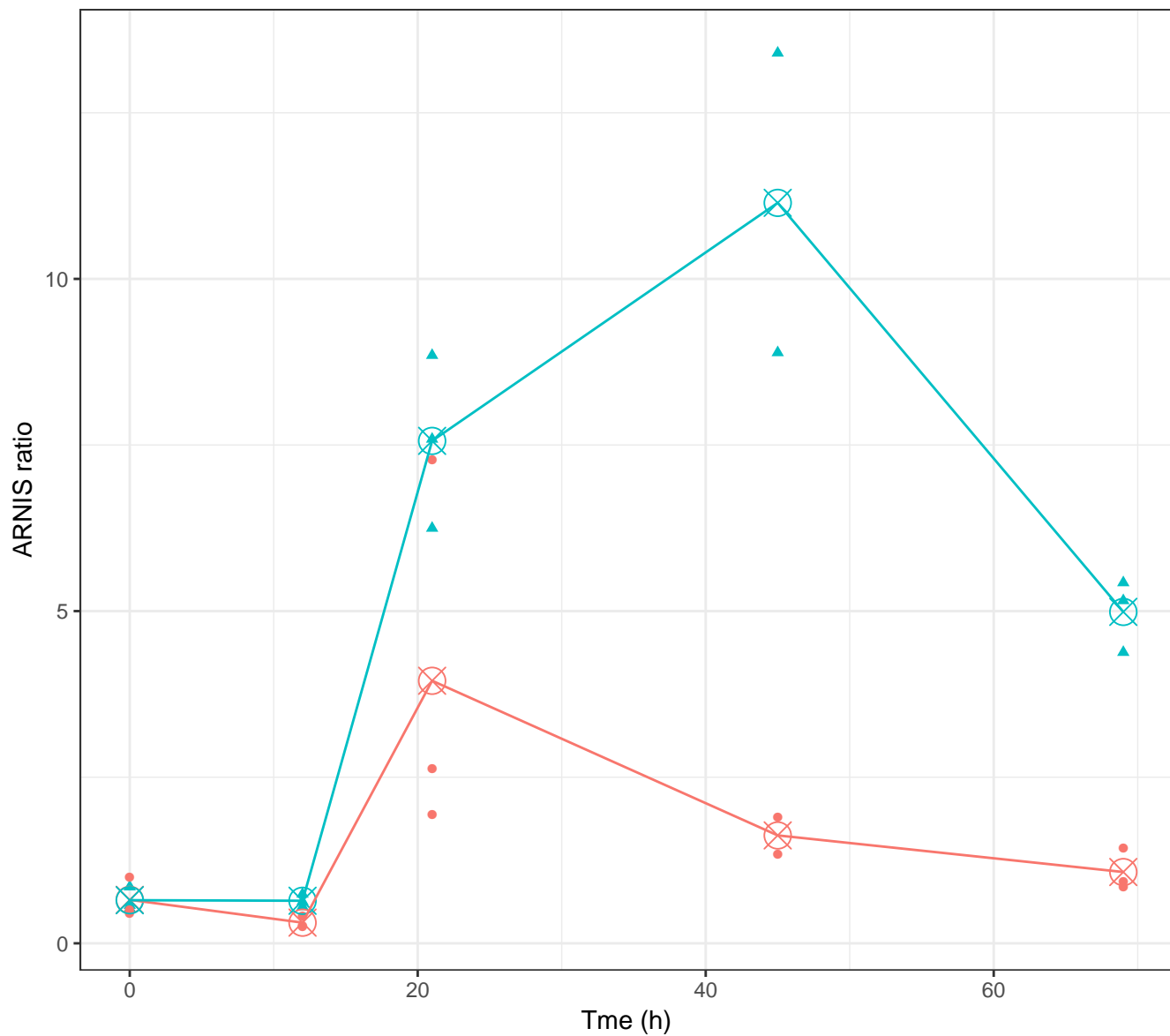


OTU.12_Verrucomicrobia_FukuN18_freshwater_group

Treatment ⊗ Control ⊗ Filtered-1micron

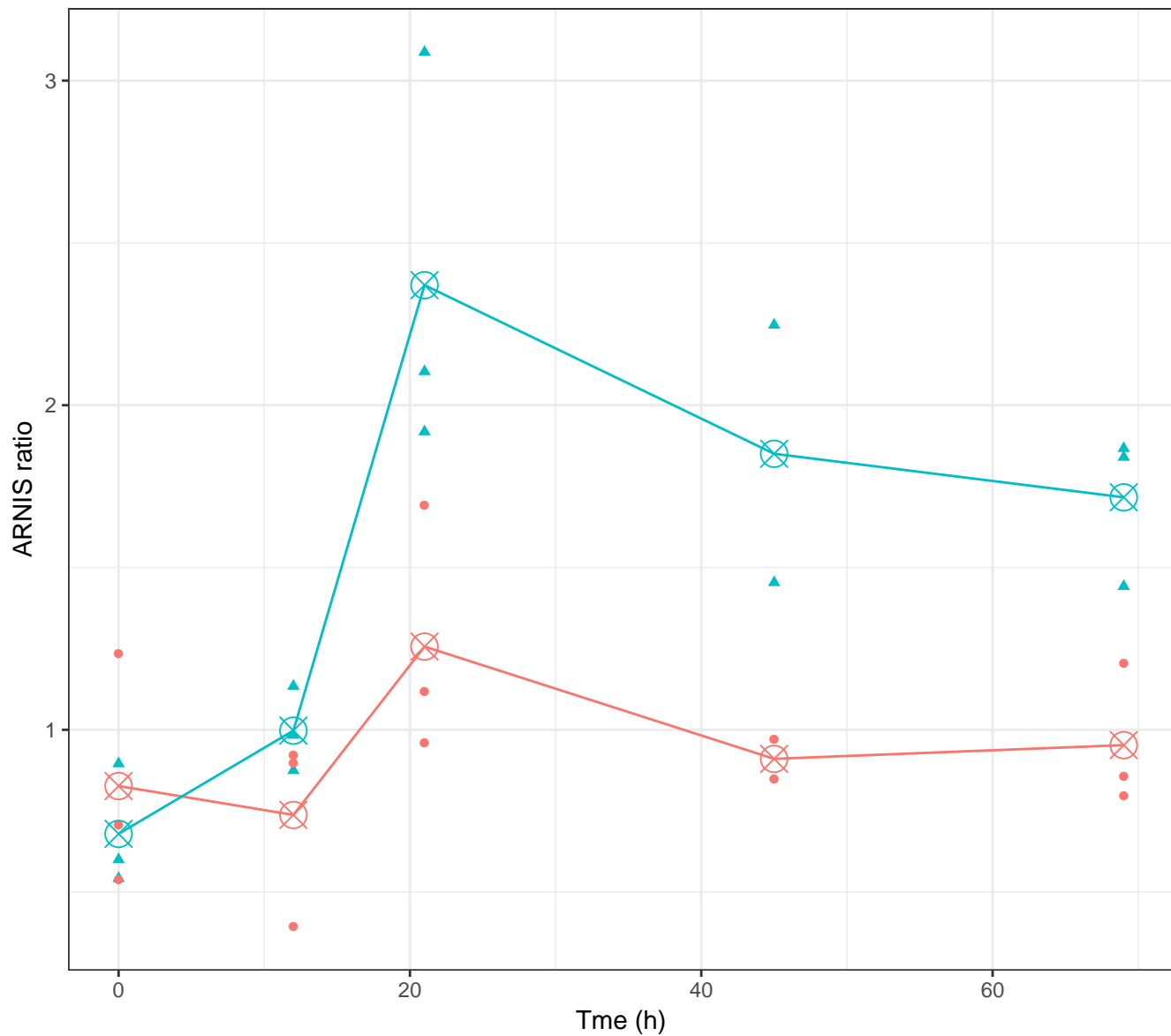


OTU.24_Bacteroidetes_Leadbetterella

Treatment  Control  Filtered-1micron

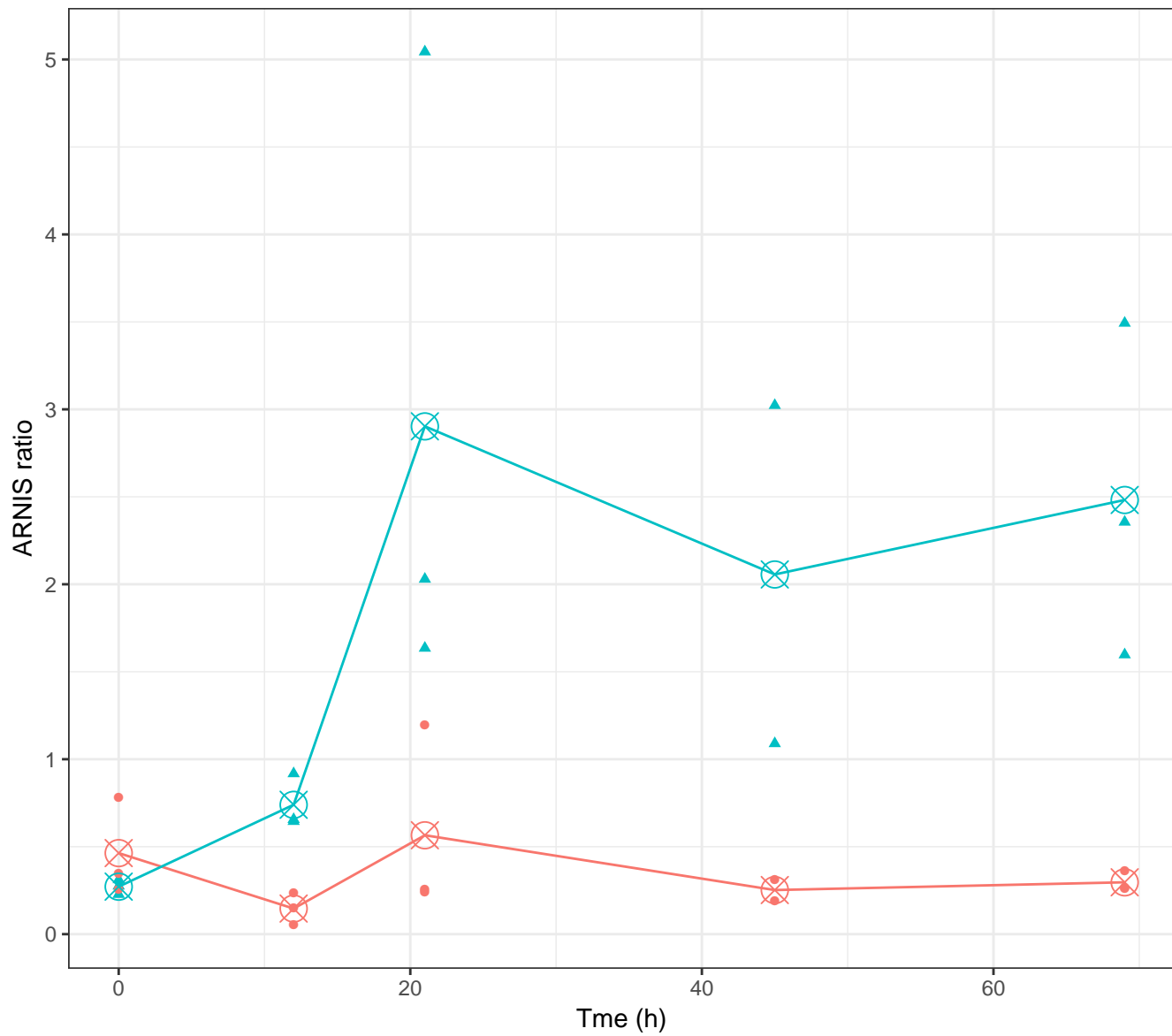
OTU.1_Actinobacteria_clade_acl_A6

Treatment ⊗ Control ⊗ Filtered-1micron



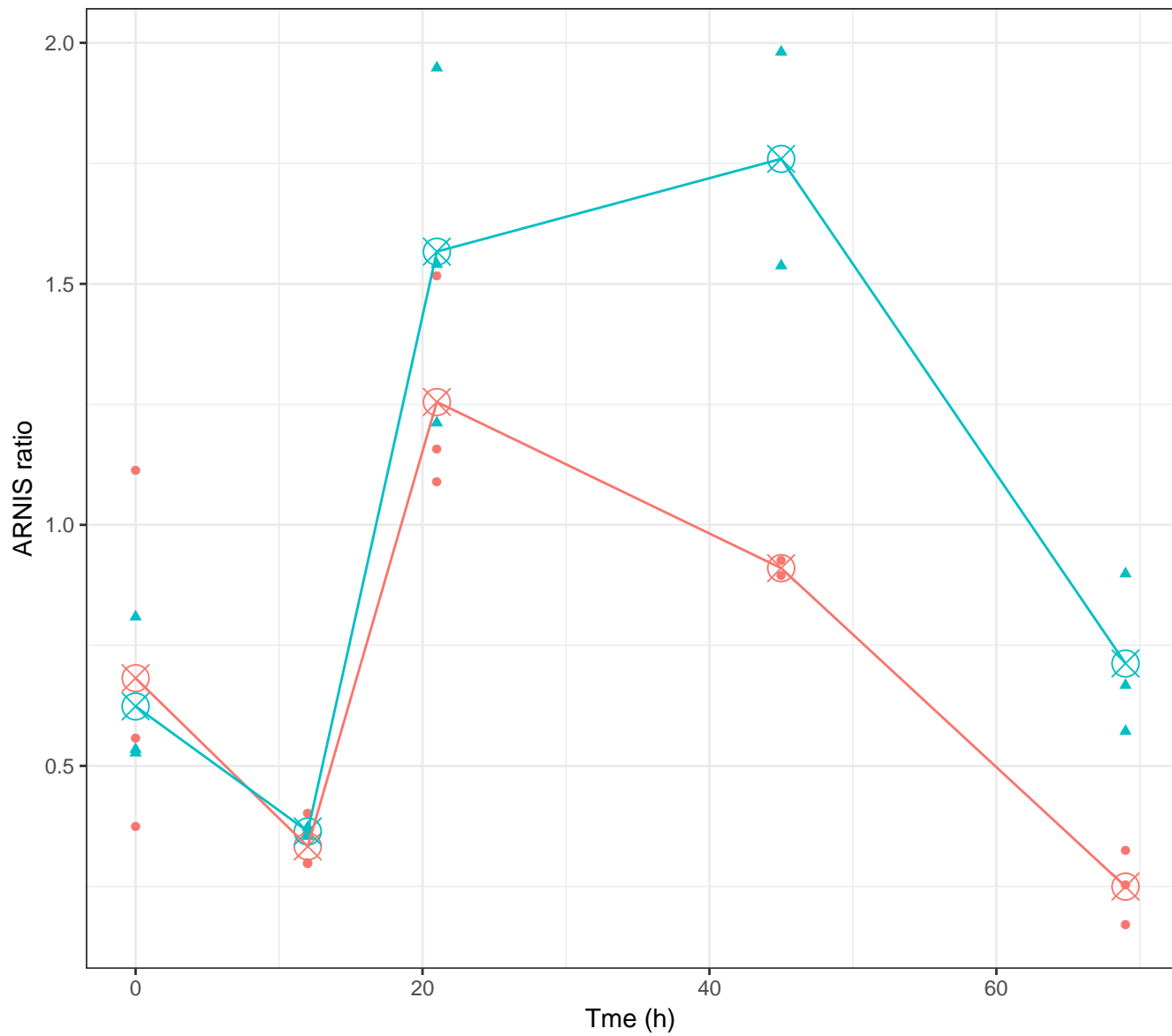
OTU.18_Betaproteobacteria_Limnohabitans

Treatment Control Filtered-1micron





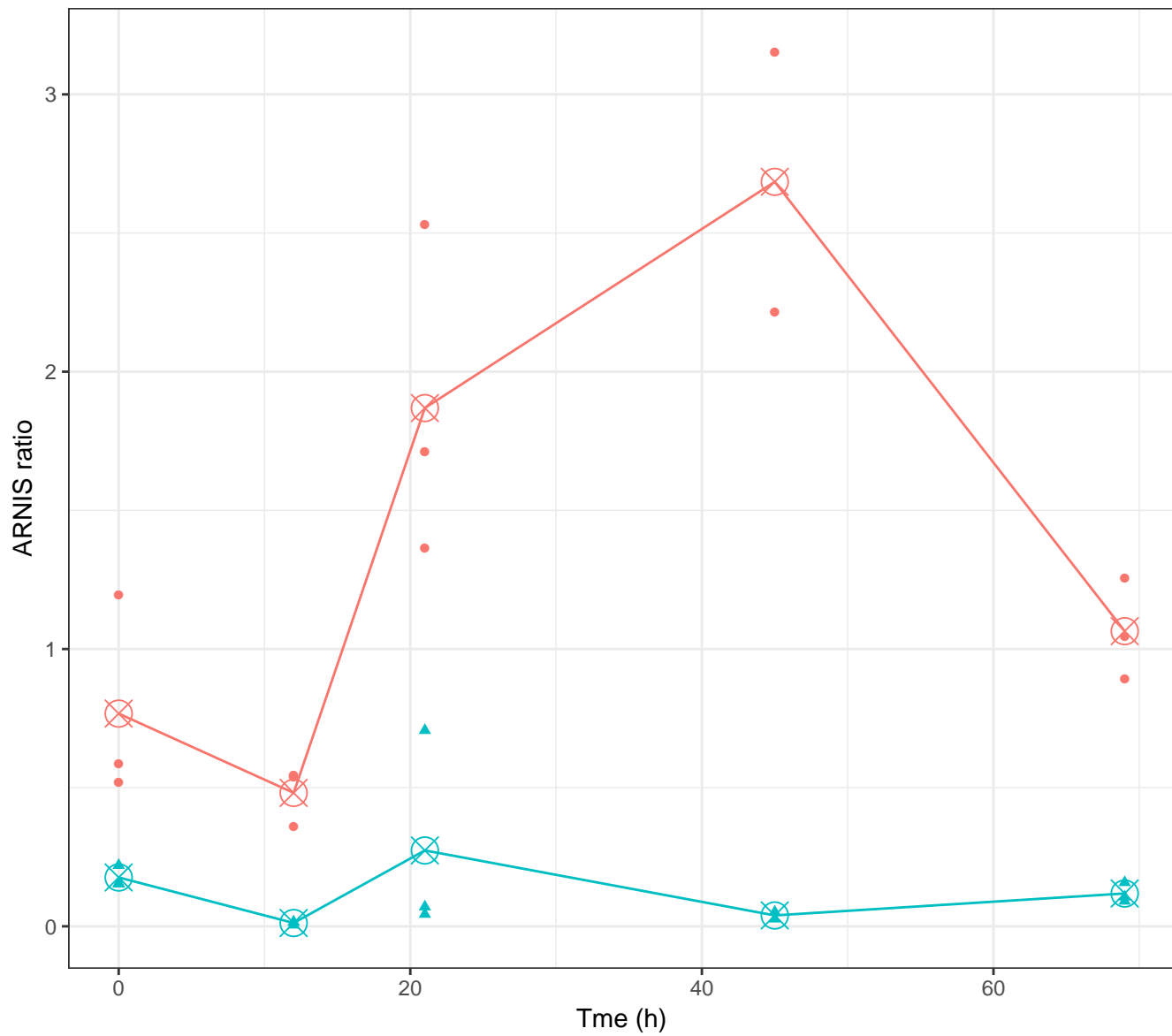
OTU.25_Betaproteobacteria_Methylopumilus_planktonicus_LD28

Treatment Control Filtered-1micron



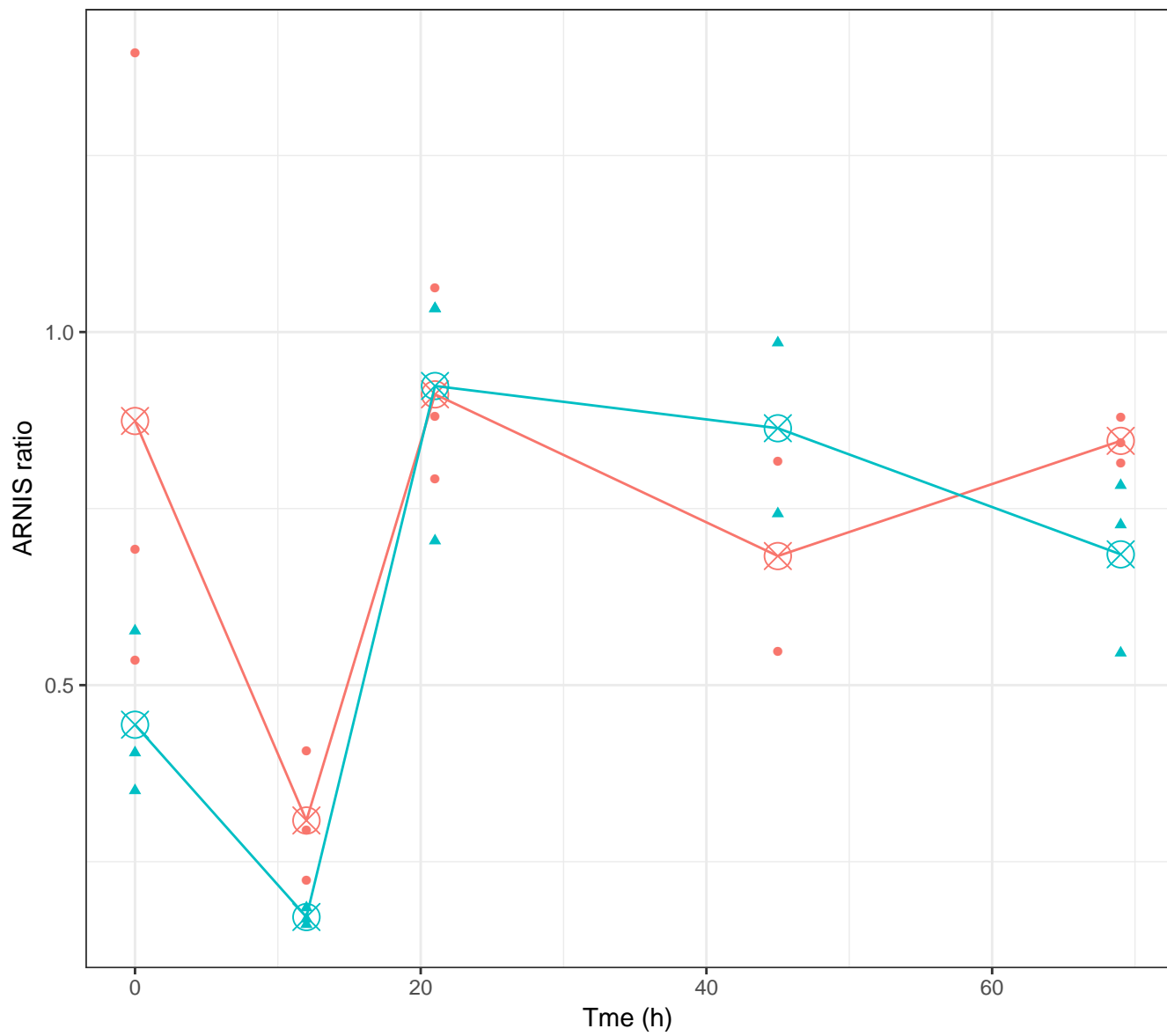
OTU.60_Bacteroidetes_Candidatus_Aquirestis

Treatment  Control  Filtered-1micron



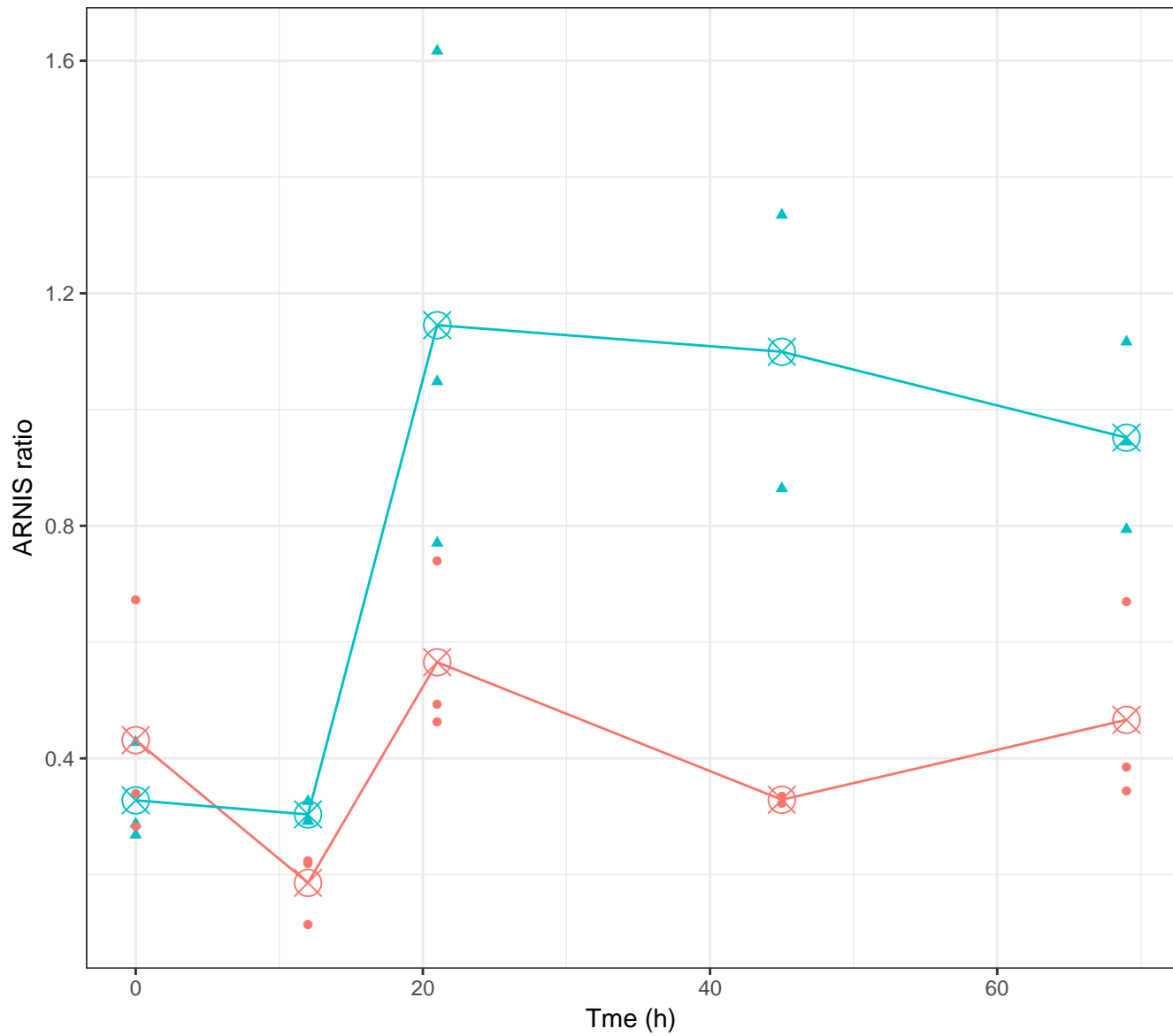
OTU.38_Verrucomicrobia_Prostheco bacter

Treatment Control Filtered-1micron



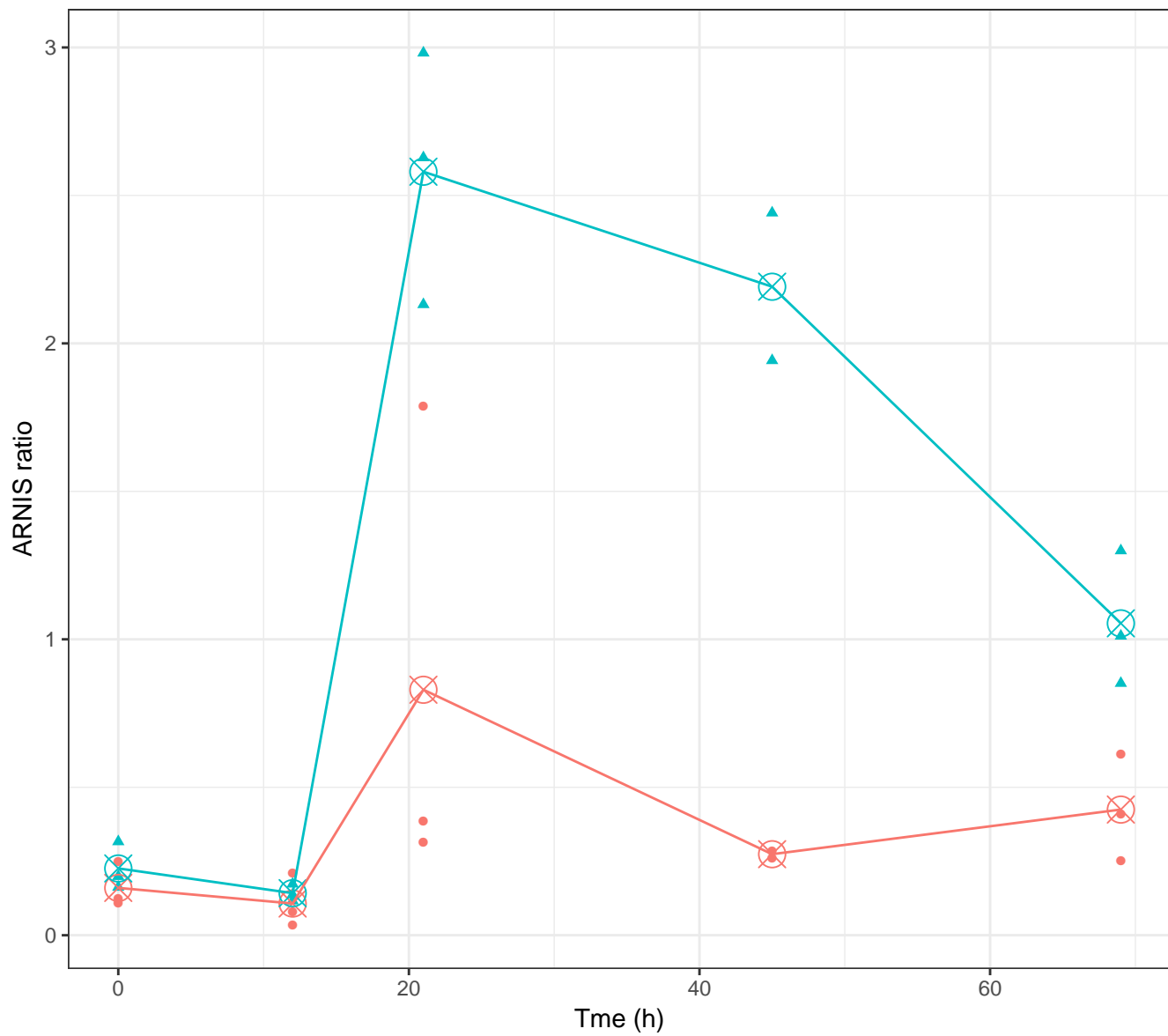
OTU.5065_Actinobacteria_Candidatus_Planktophila

Treatment ⊗ Control ⊗ Filtered-1micron



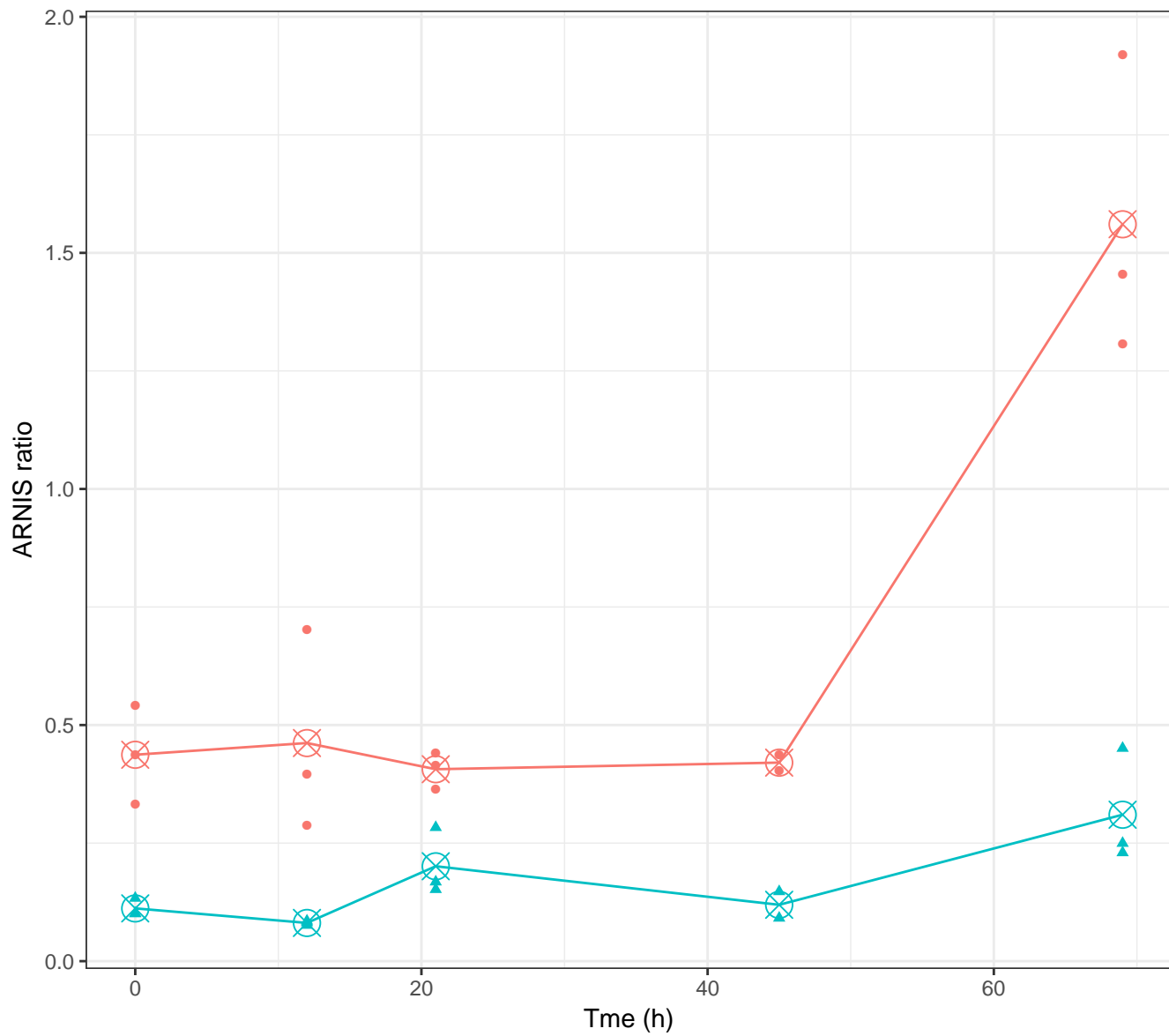
OTU.42_Bacteroidetes_Fluviicola

Treatment Control Filtered-1micron



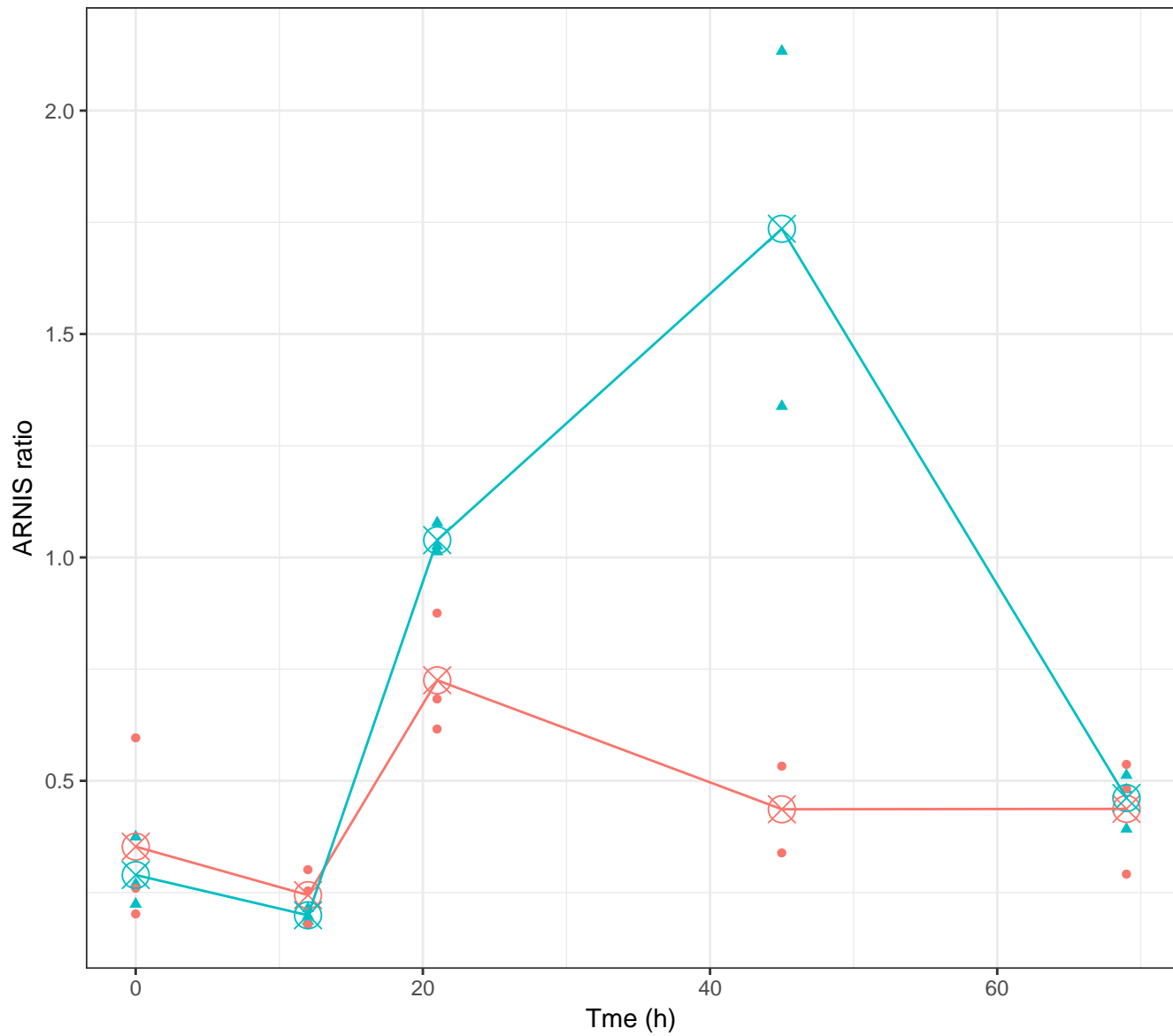
OTU.44_Betaproteobacteria_Nitrosomonadaceae

Treatment Control Filtered-1micron





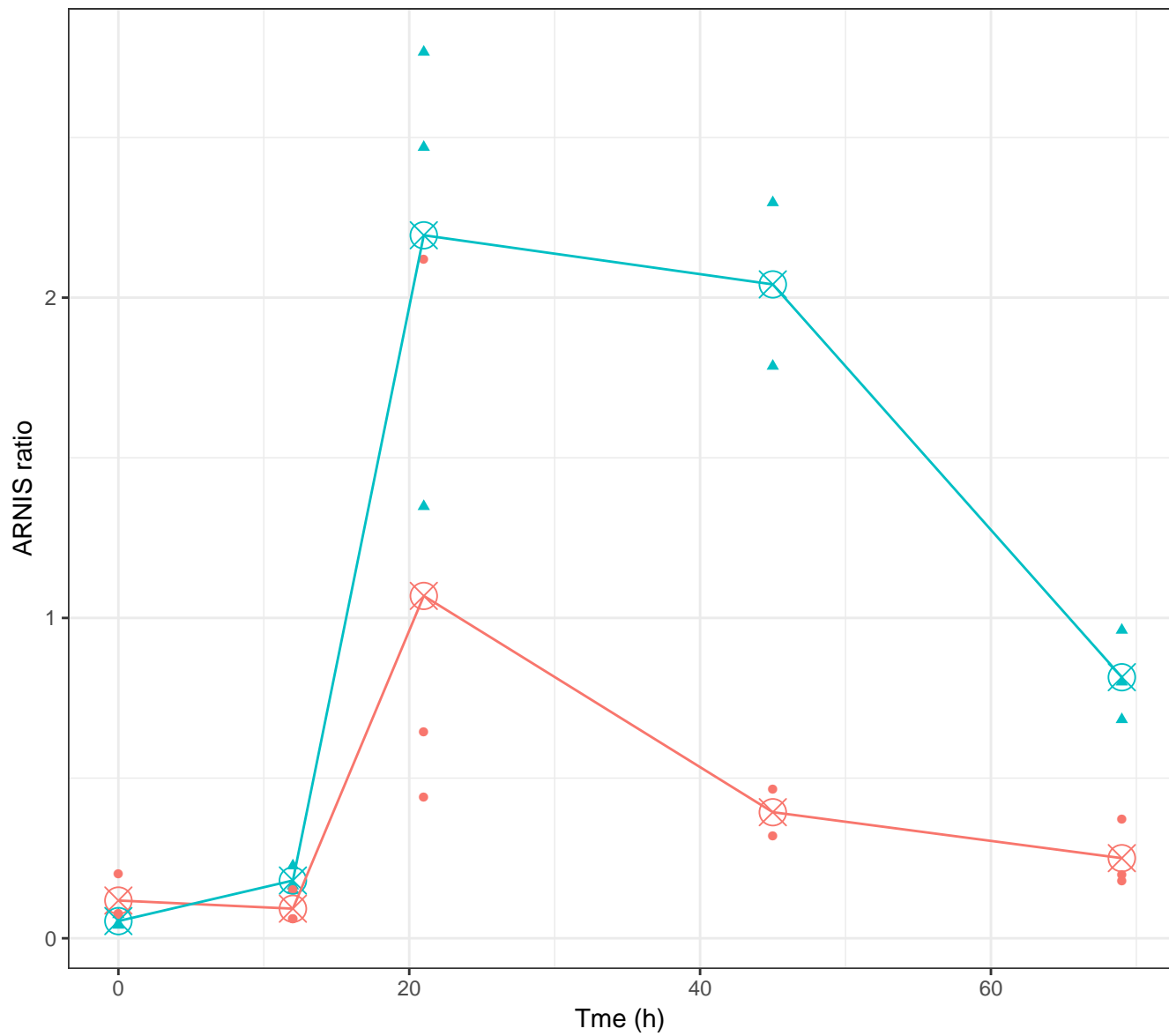
OTU.244_Betaproteobacteria_Polynucleobacter

Treatment Control Filtered-1micron



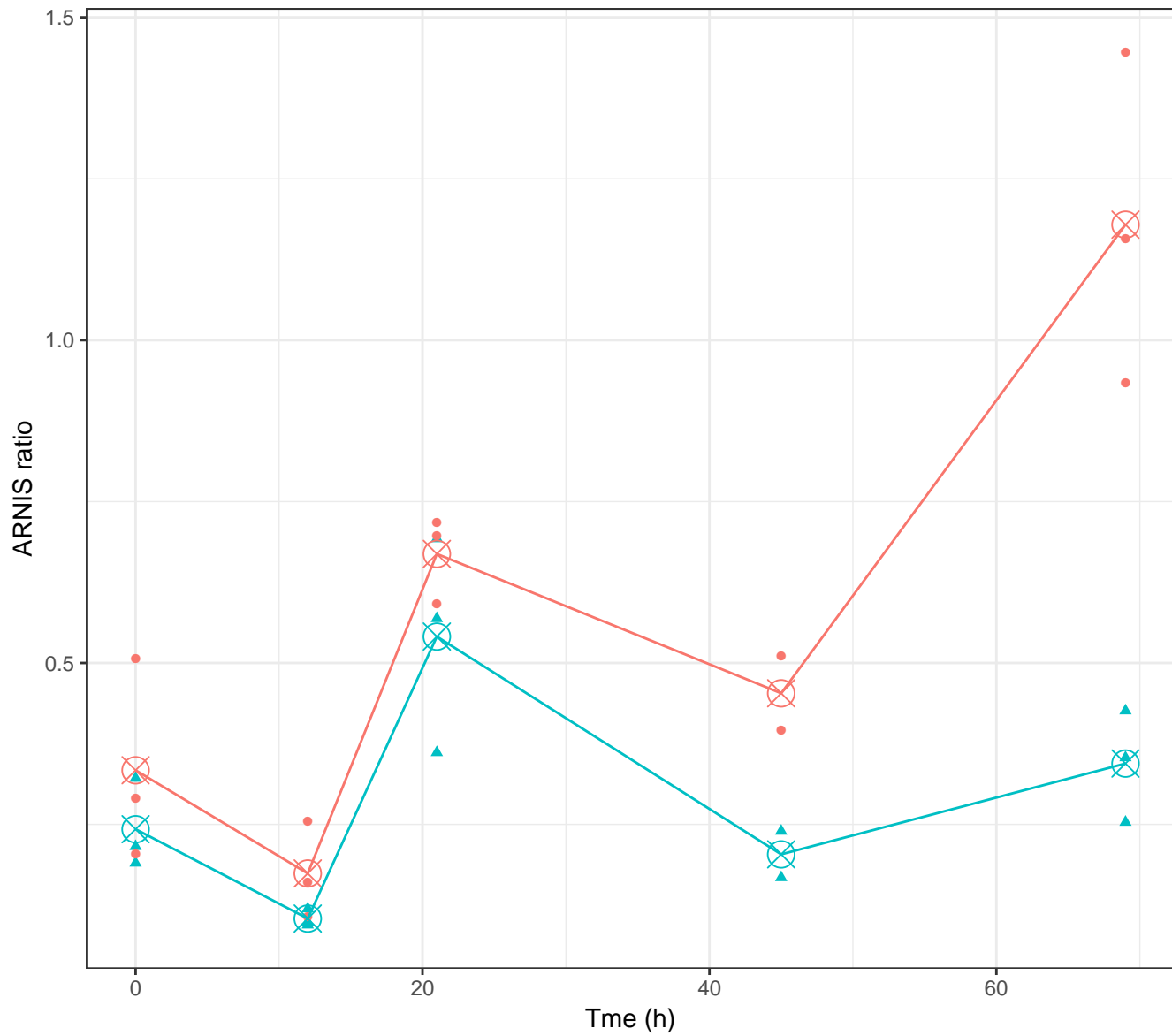


OTU.48_Bacteroidetes_Flavobacterium

Treatment  Control  Filtered-1micron

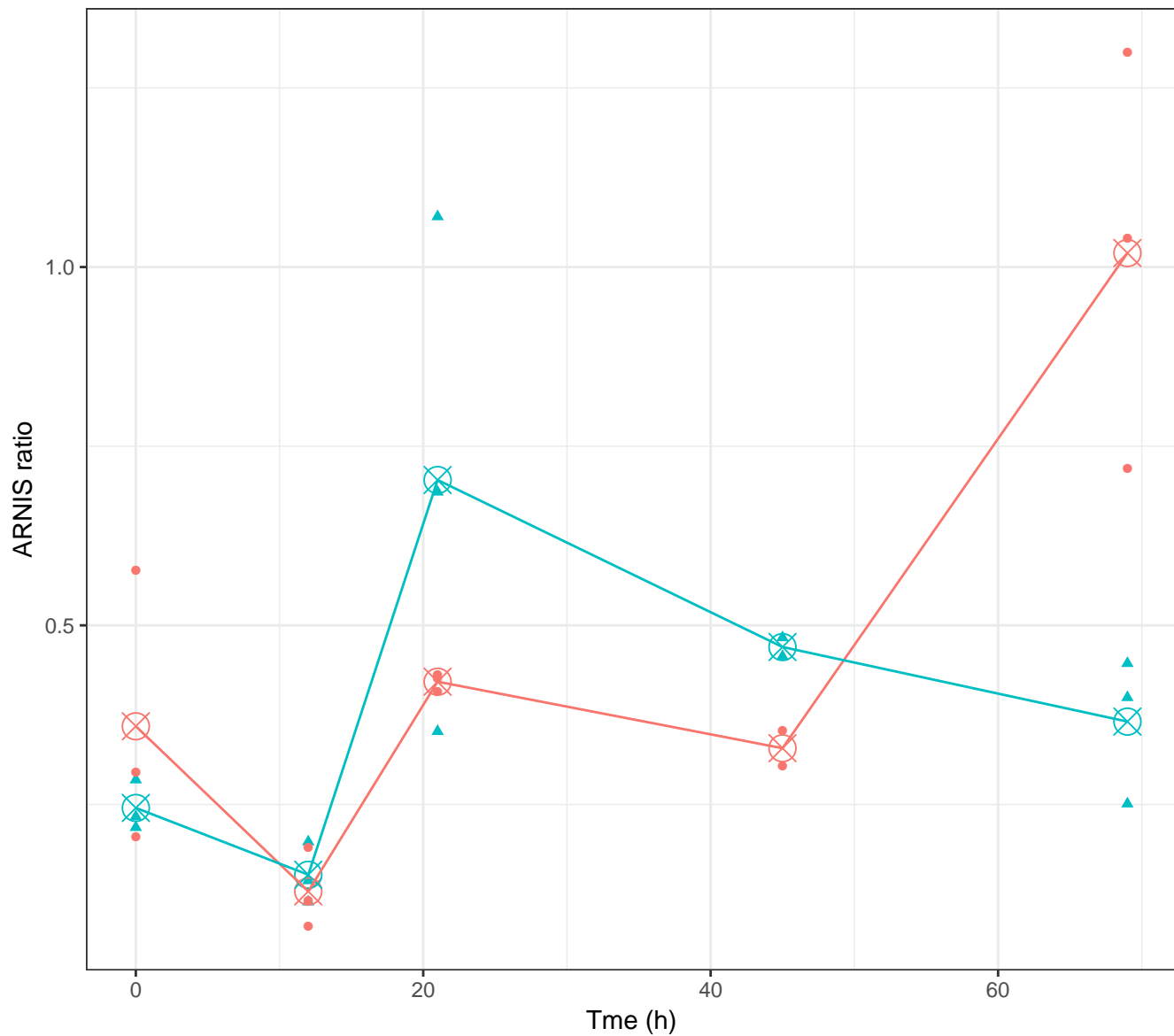


OTU.51_Verrucomicrobia_FukuN18_freshwater_group



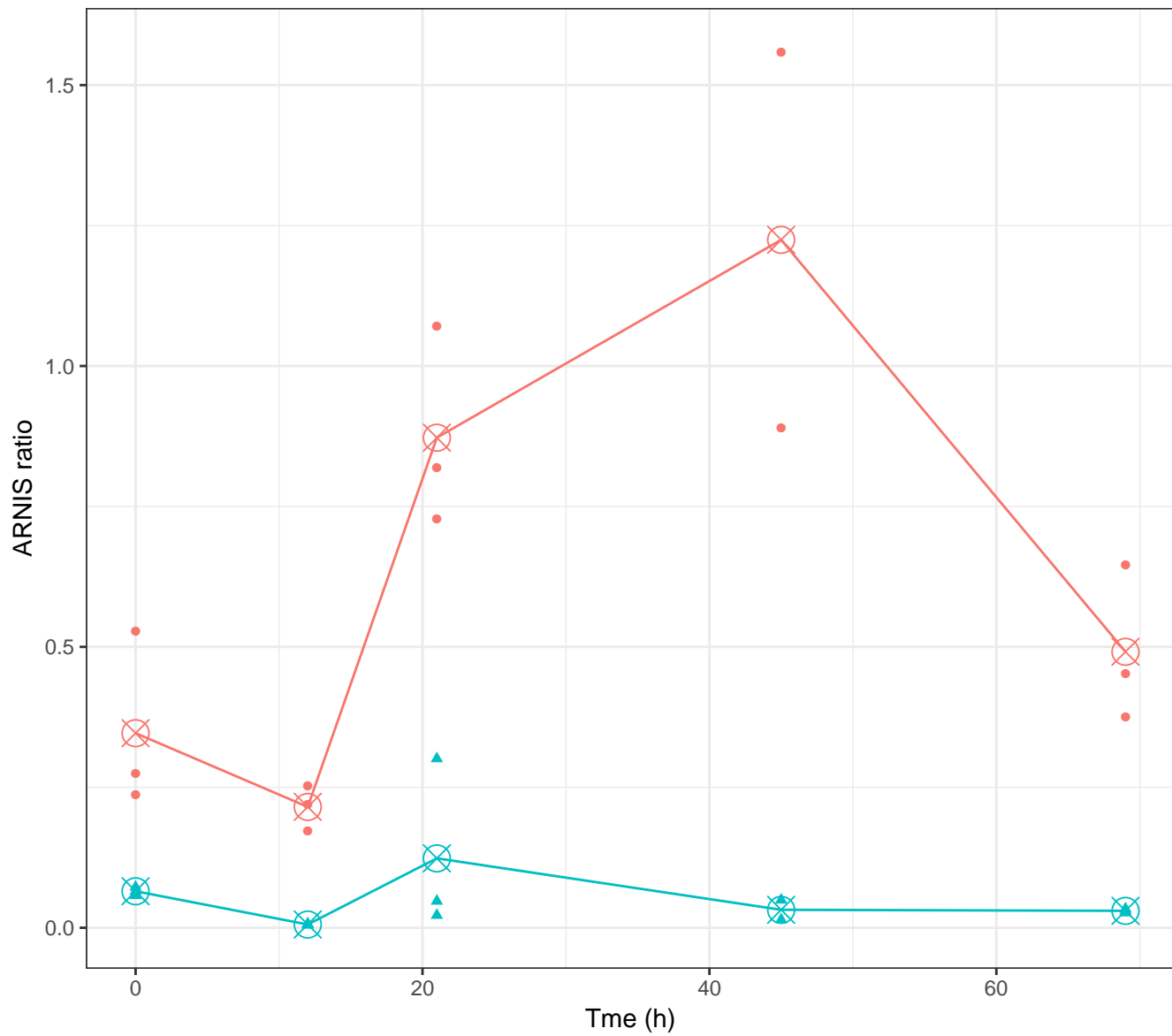
Treatment  Control  Filtered-1micron

OTU.10_Betaproteobacteria_Polynucleobacter



Treatment Control Filtered-1micron

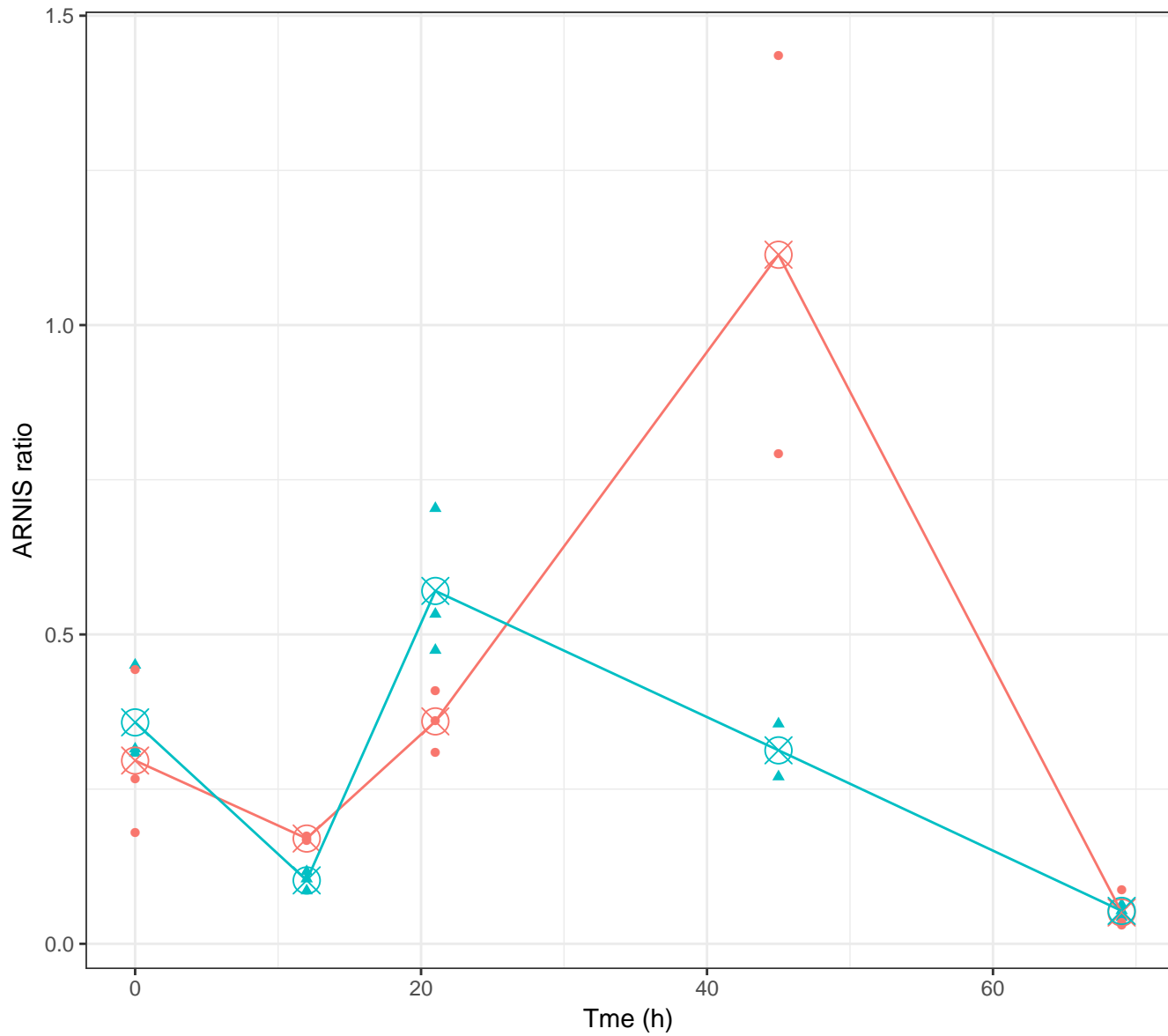


OTU.62_Bacteroidetes_Saprospiraceae

Treatment  Control  Filtered-1micron

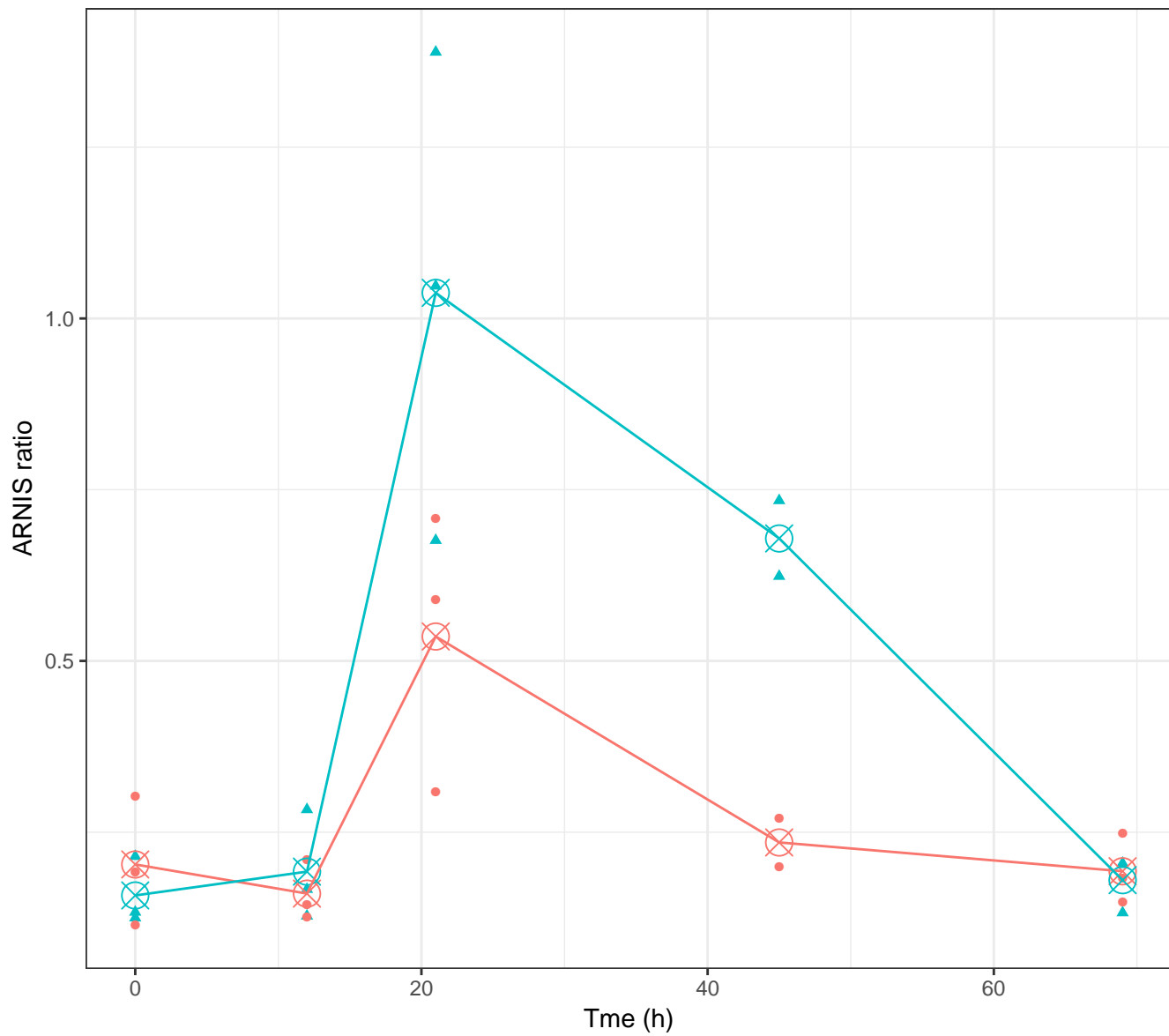
OTU.65_Planctomycetes_Planctomycetaceae

Treatment  Control  Filtered-1micron



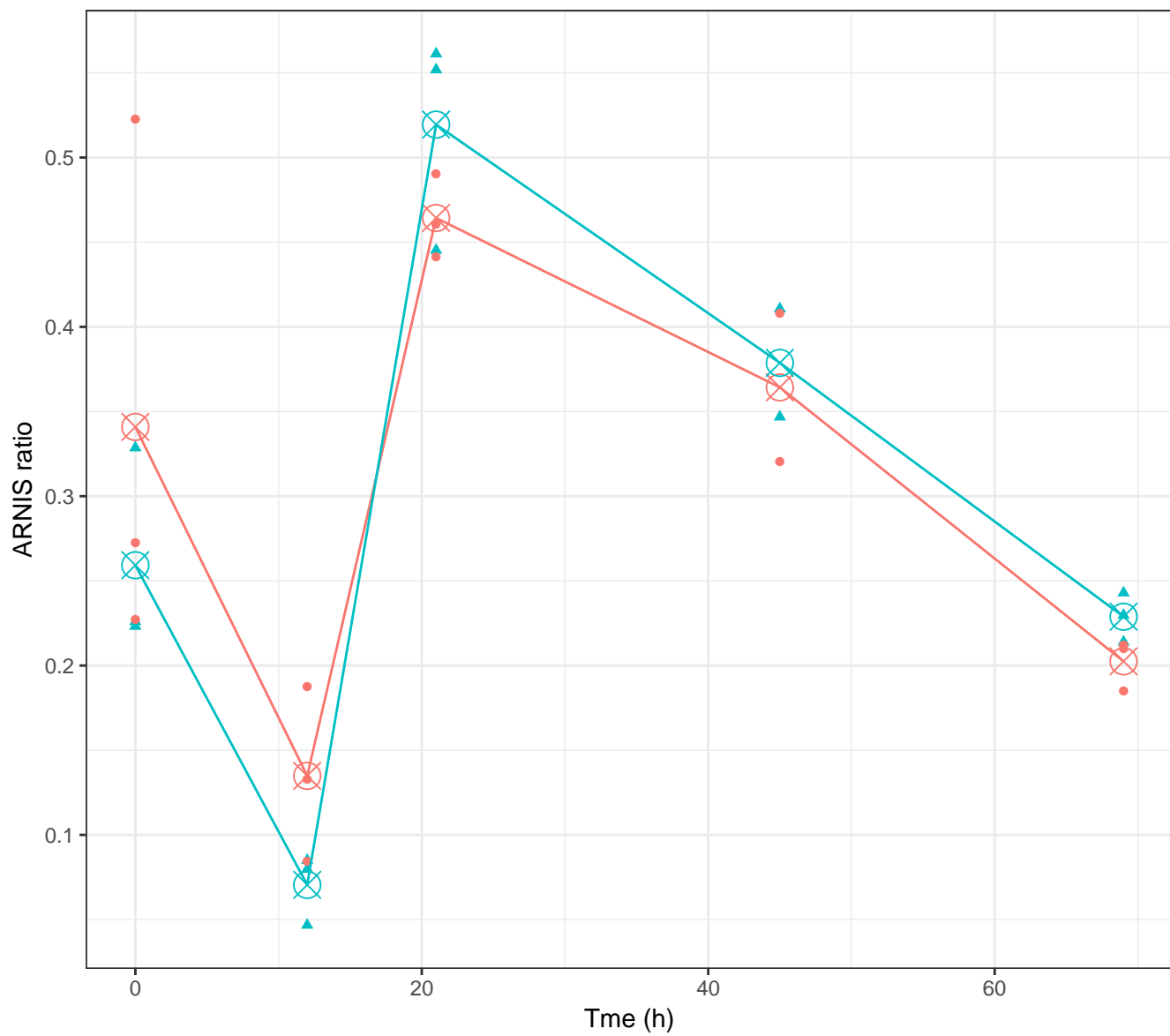
OTU.15_Actinobacteria_clade_acSTL

Treatment Control Filtered-1micron



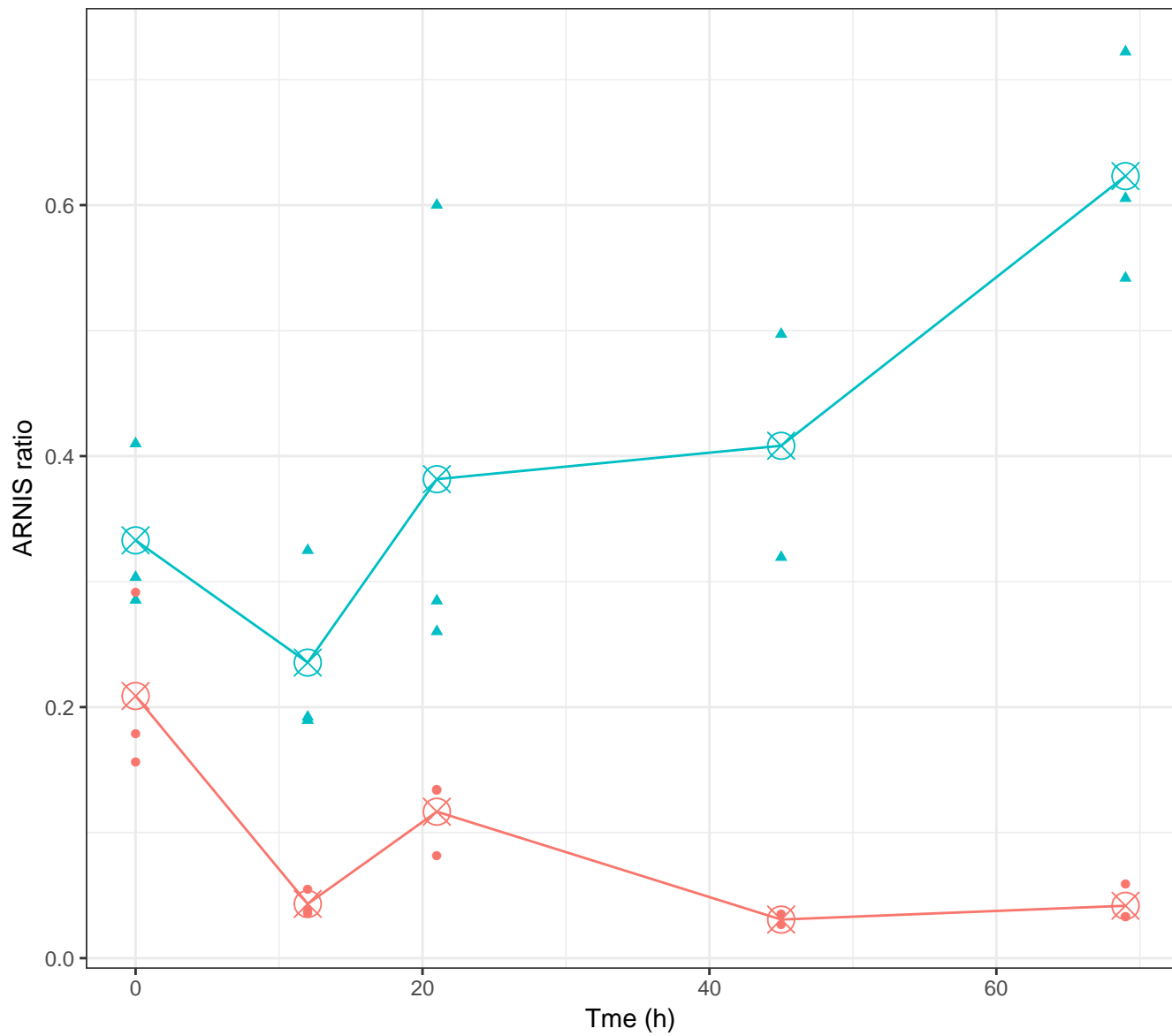


OTU.37_Bacteroidetes_Algoriphagus



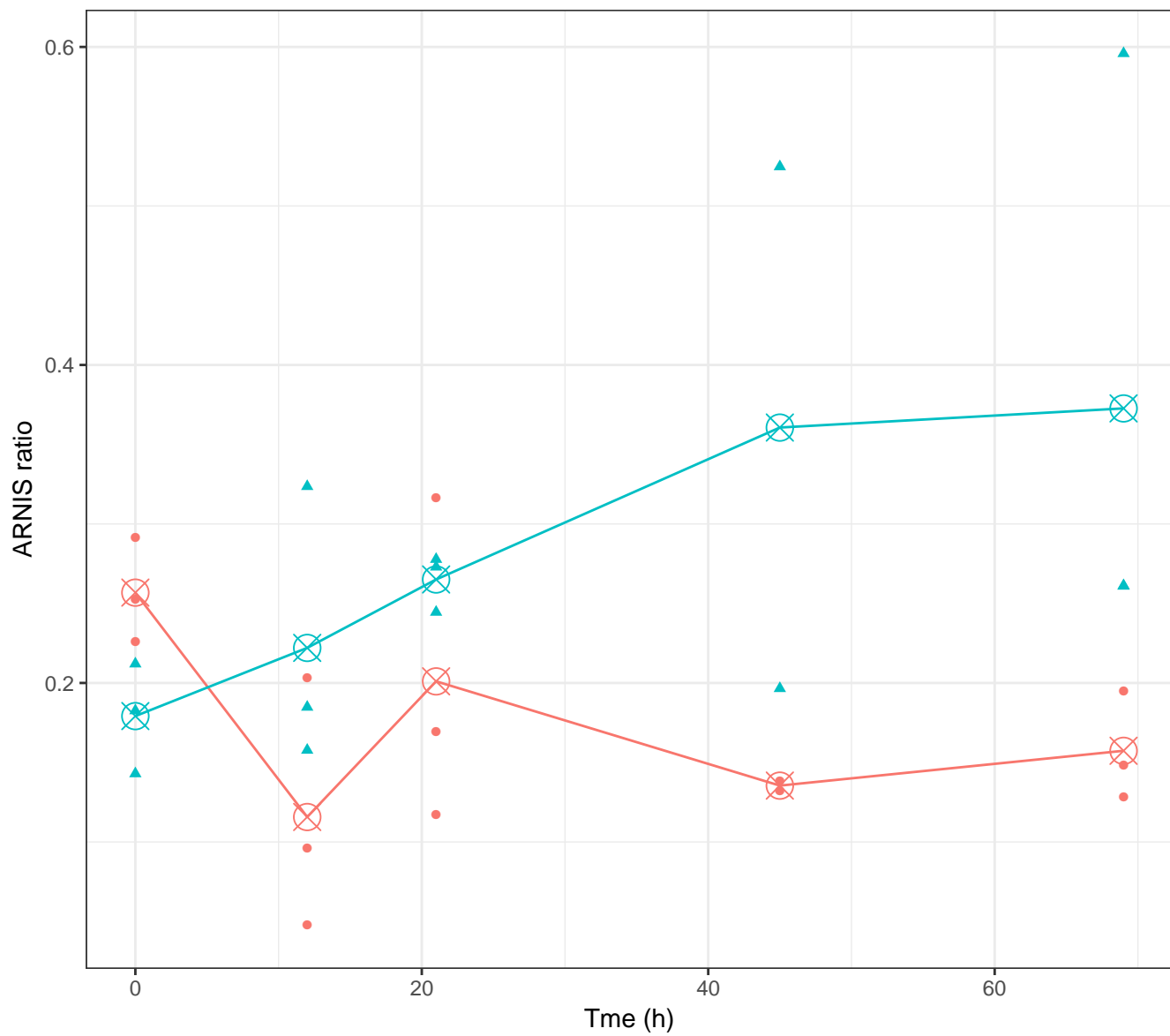
Treatment Control Filtered-1micron



OTU.28_Verrucomicrobia_Opitutae_vadinHA64

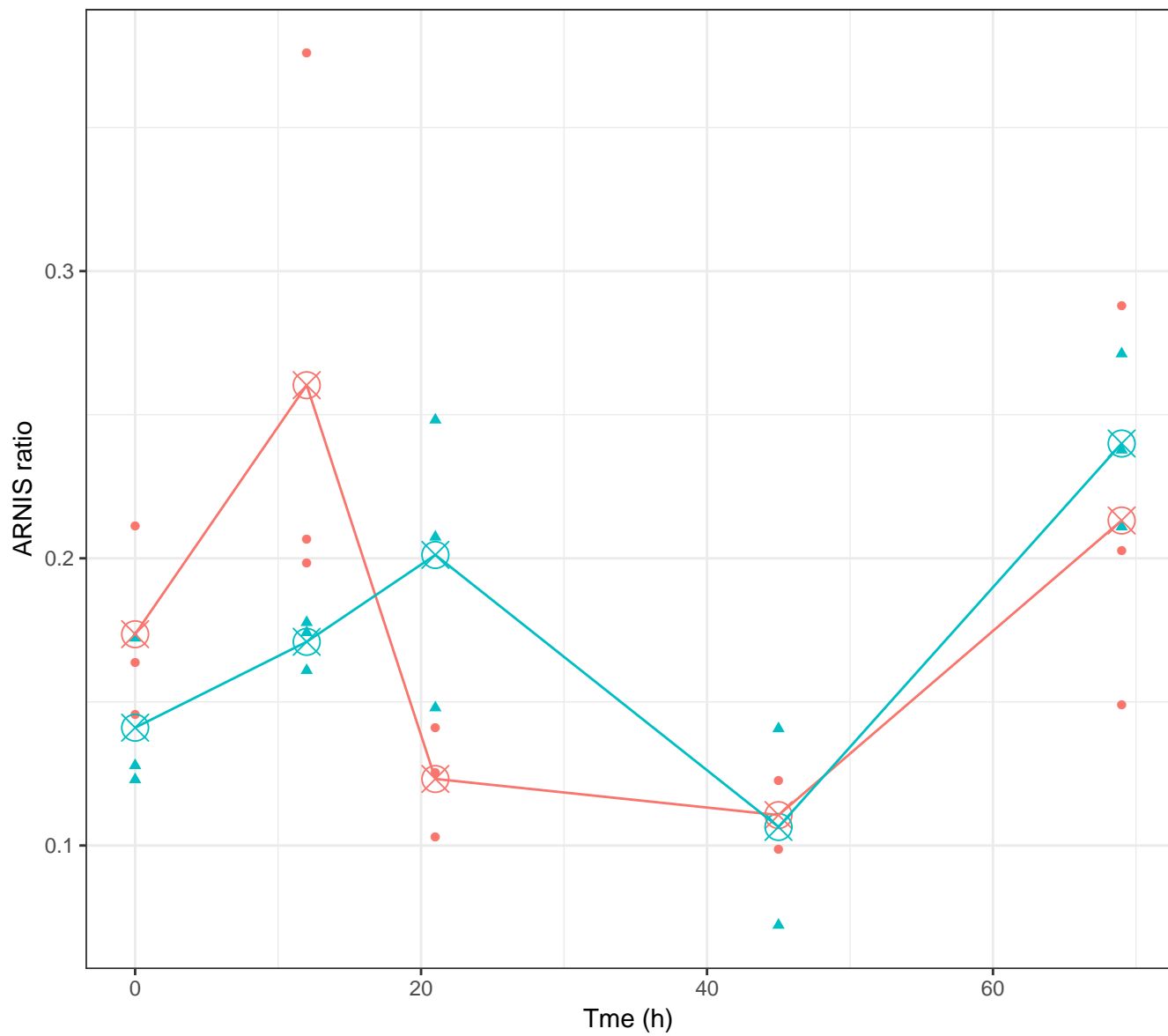
Treatment  Control  Filtered-1micron

OTU.383_Betaproteobacteria_Albidiferax_3

Treatment  Control  Filtered-1micron

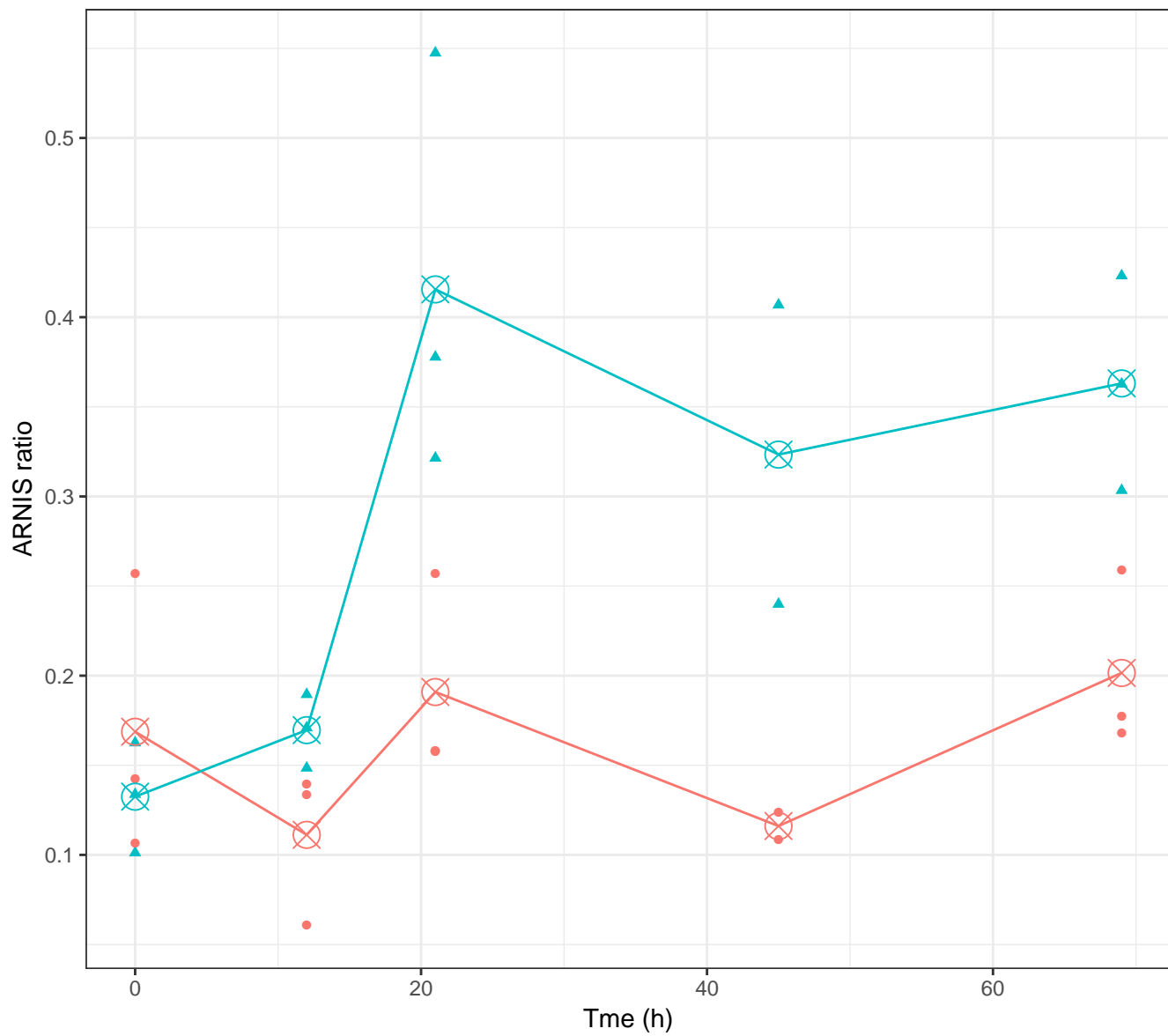
OTU.5_Actinobacteria_Illumatobacter

Treatment Control Filtered-1micron



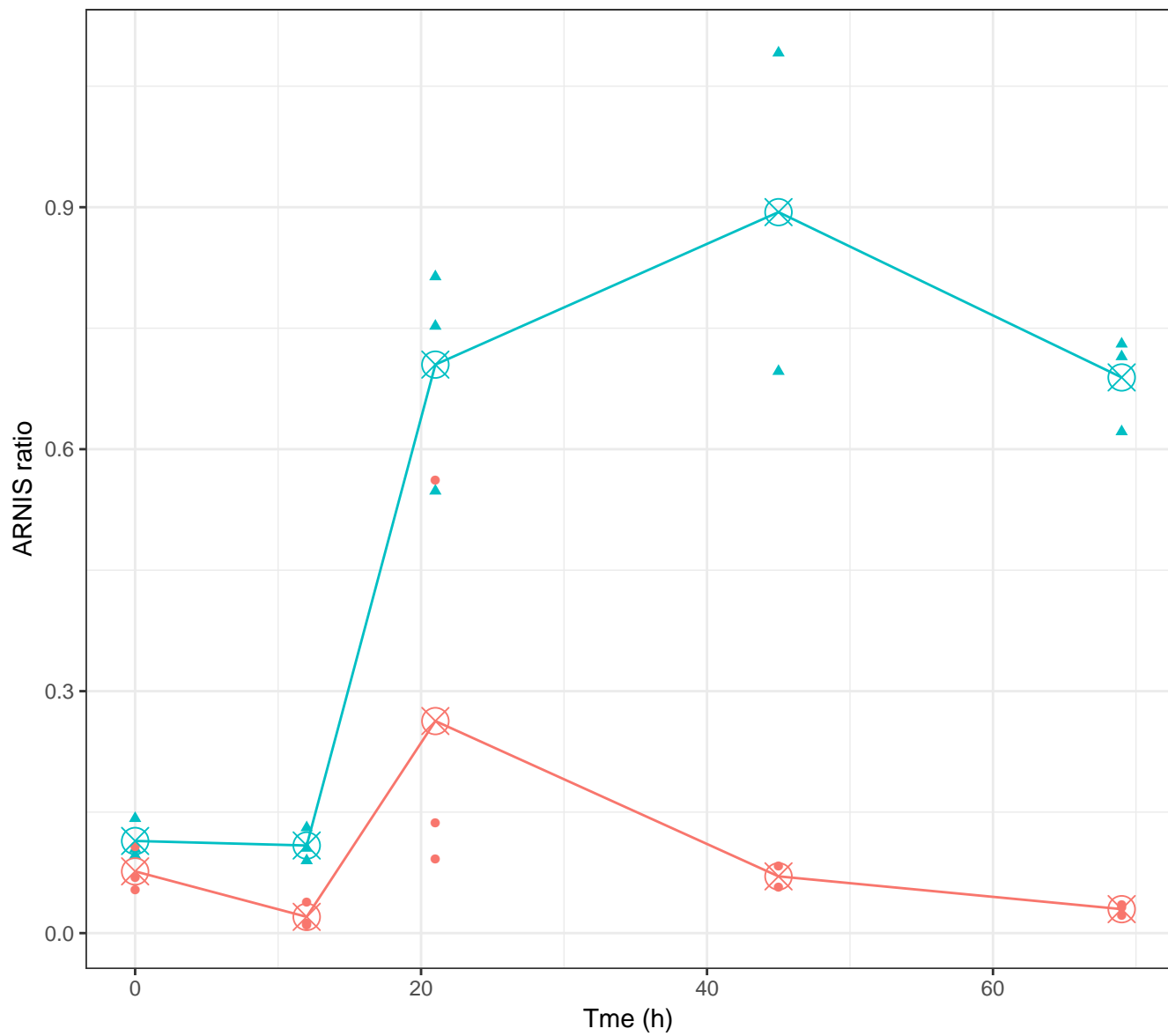
OTU.16_Actinobacteria_clade_acl_A1

Treatment Control Filtered-1micron



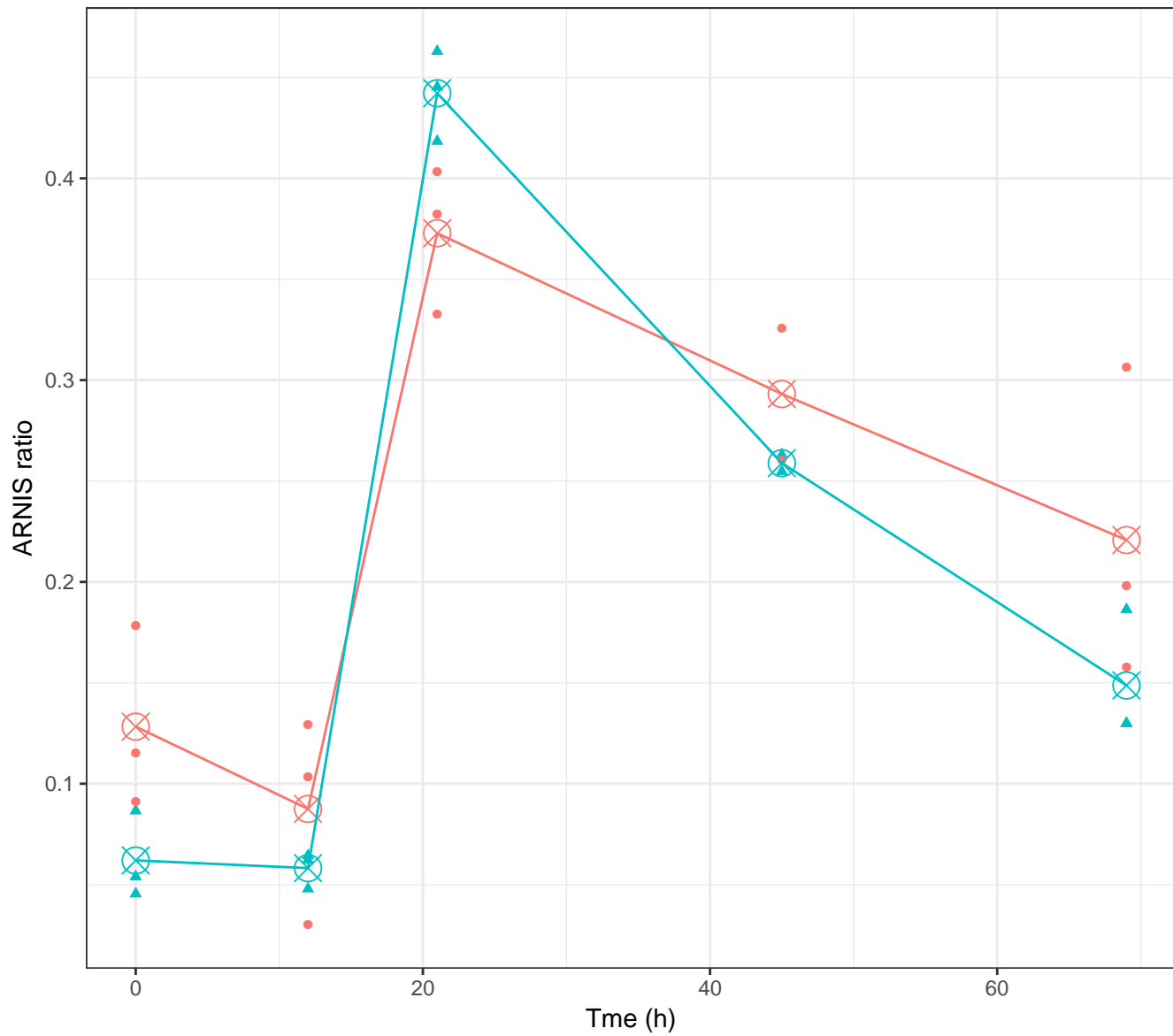
OTU.17_Bacteroidetes_Fluviicola

Treatment Control Filtered-1micron



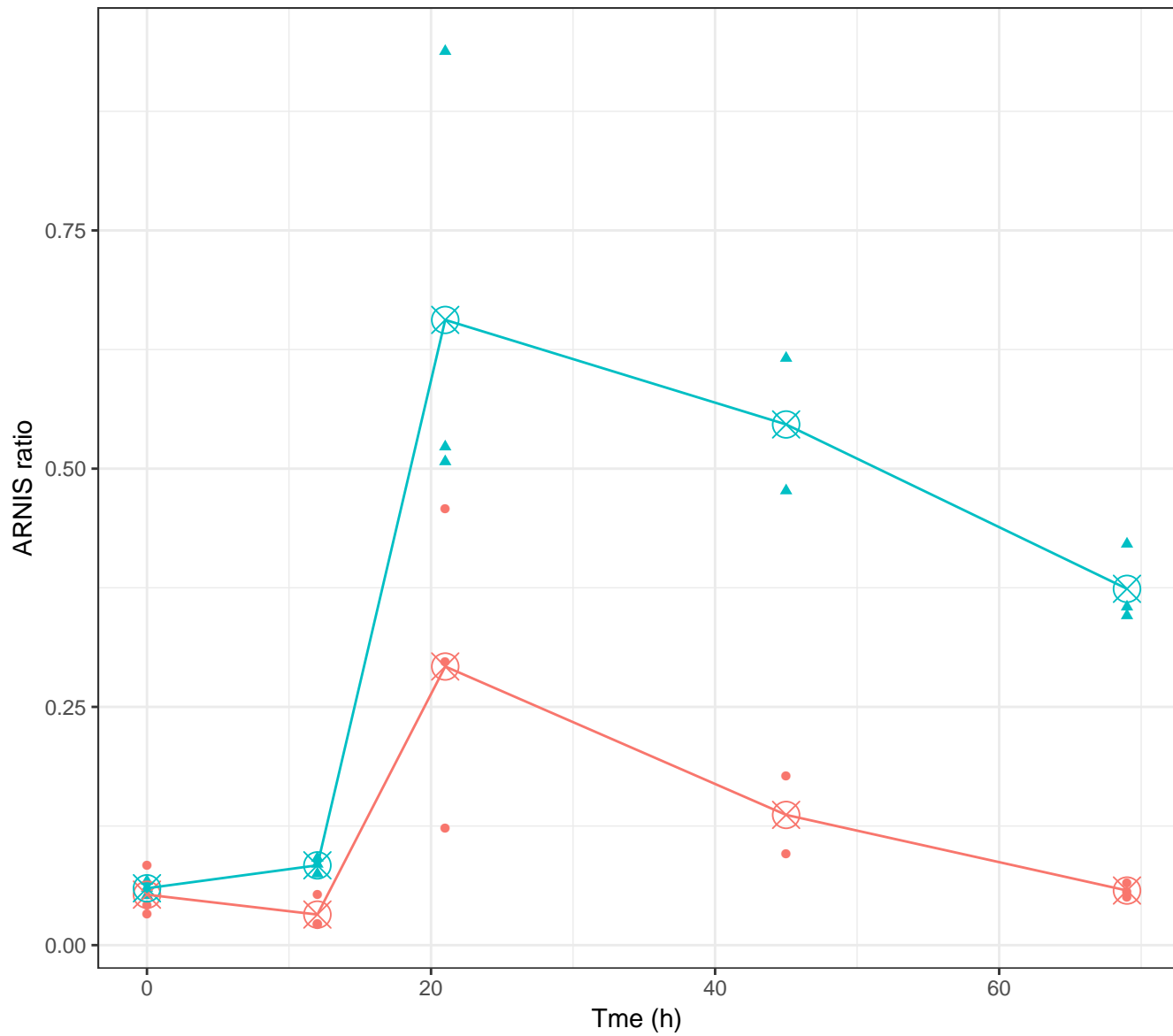
OTU.14_Bacteroidetes_NS9_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



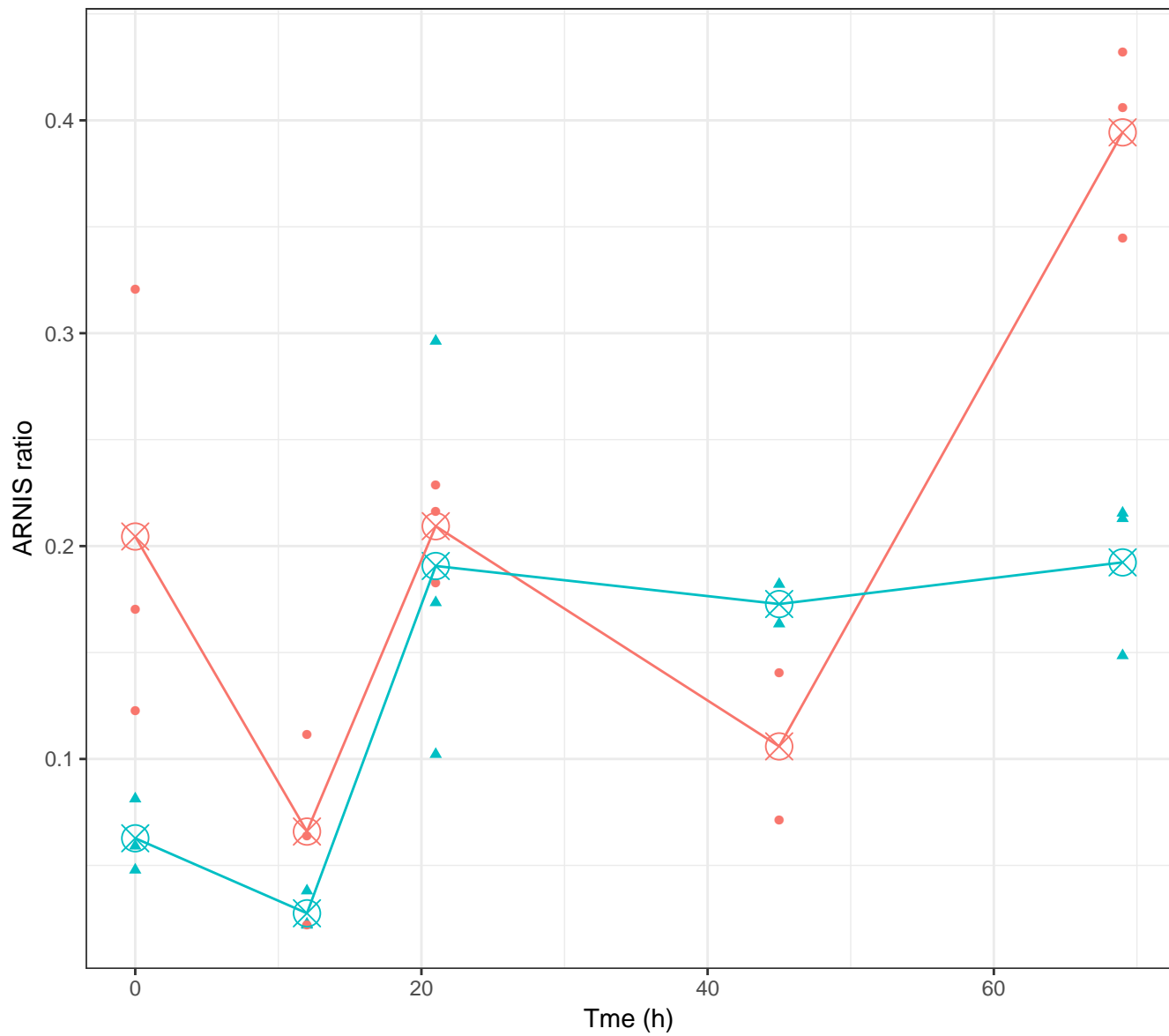
OTU.85_Bacteroidetes_NS11_12_marine_group

Treatment Control Filtered-1micron



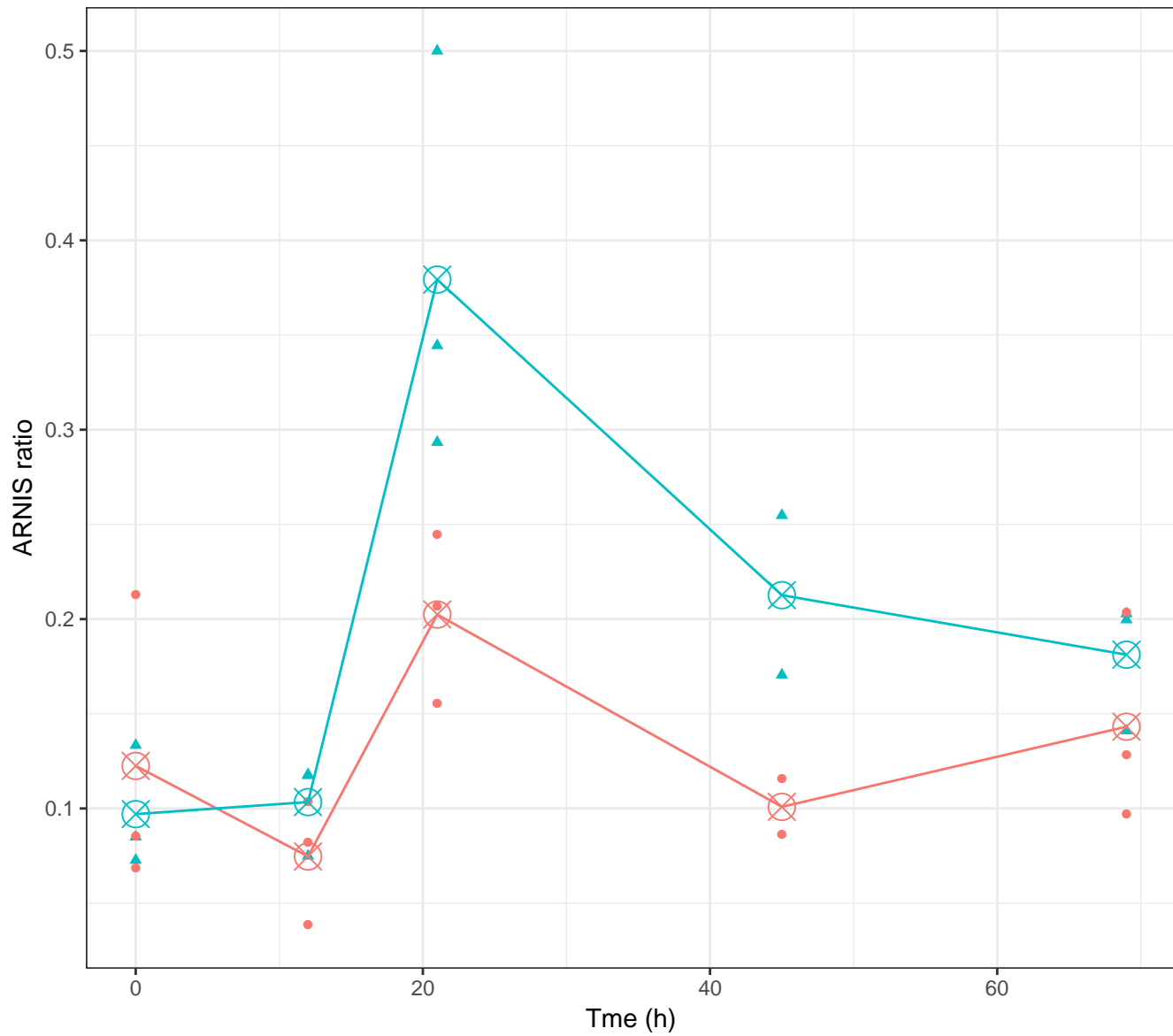
OTU.87_Verrucomicrobia_Prostheco bacter

Treatment Control Filtered-1micron



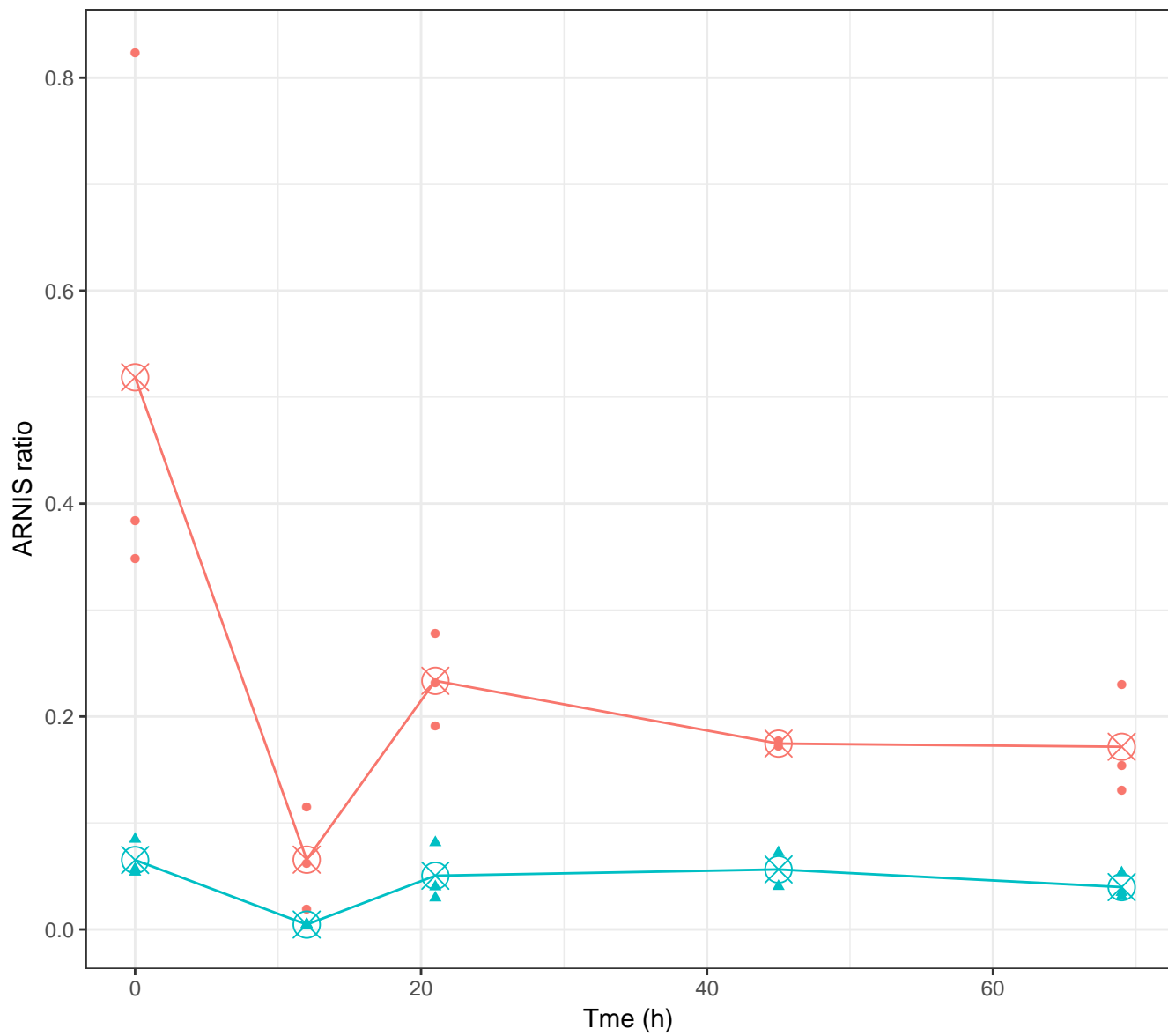
OTU.7_Actinobacteria_Candidatus_Planktophila

Treatment ⊗ Control ⊗ Filtered-1micron



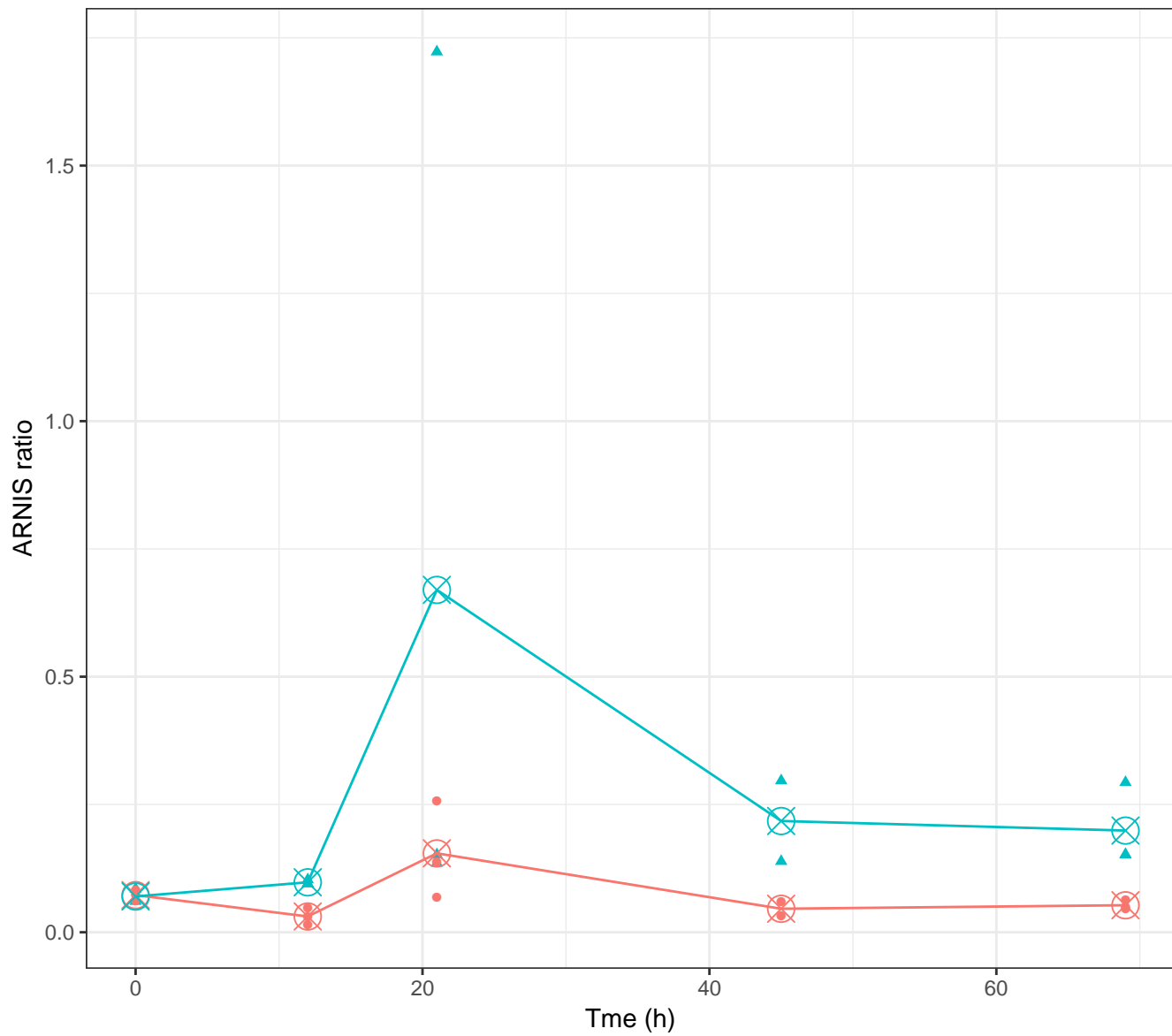
OTU.101_Verrucomicrobia_Brevifollis

Treatment Control Filtered-1micron



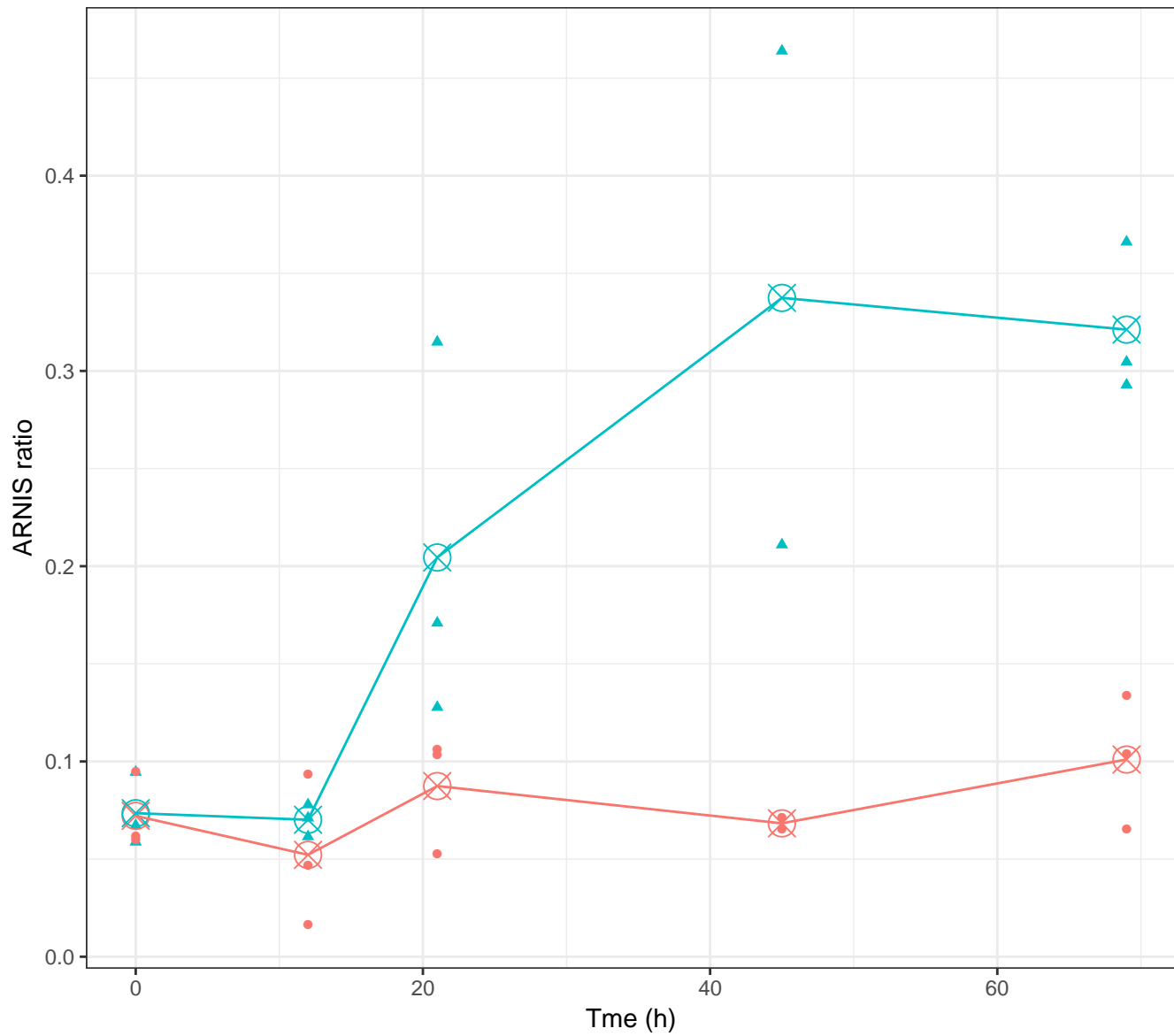
OTU.53_Betaproteobacteria_Caenimonas

Treatment Control Filtered-1micron



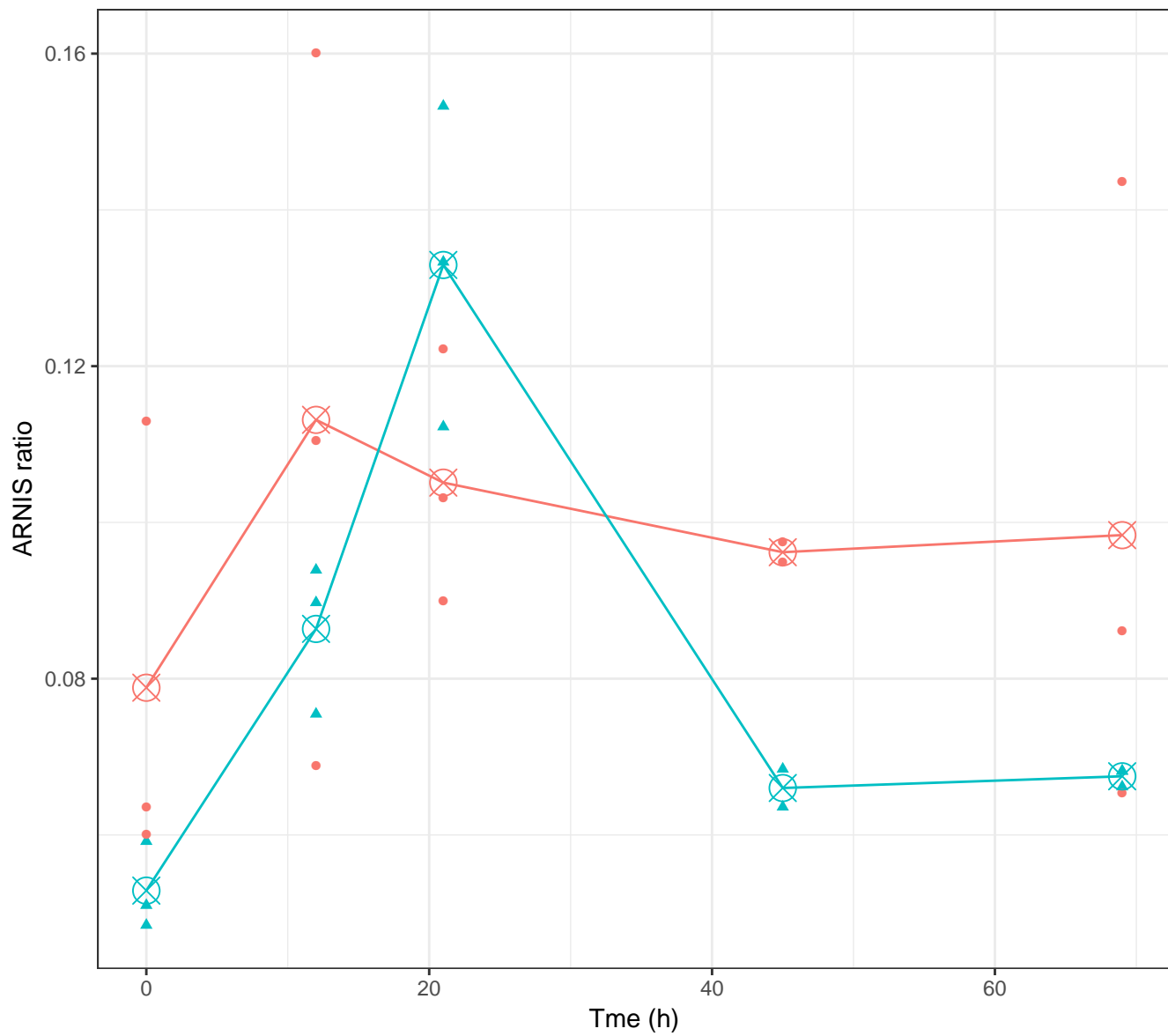
OTU.31_Betaproteobacteria_Polaromonas

Treatment ⊗ Control ⊗ Filtered-1micron



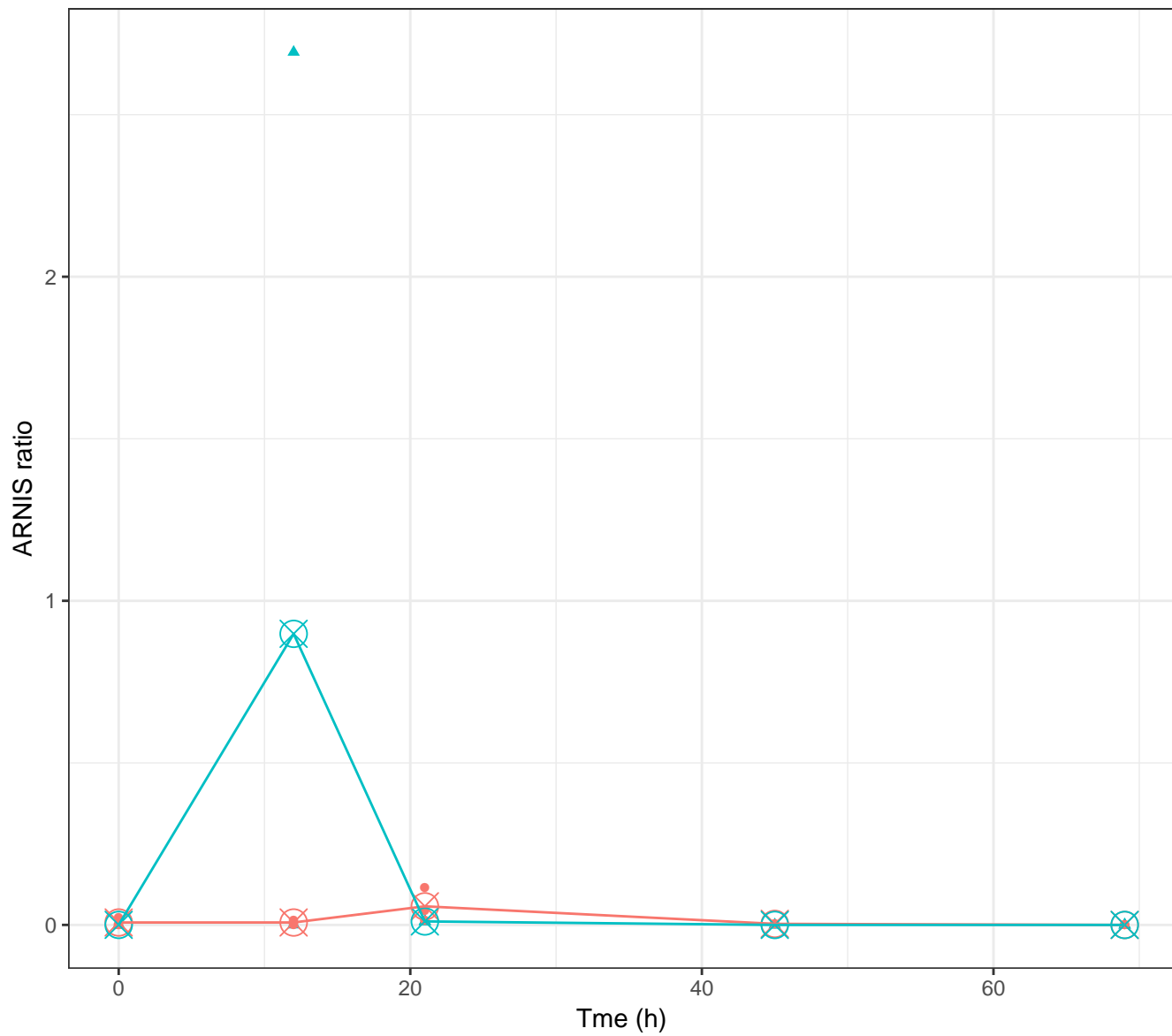
OTU.41_Actinobacteria_clade_ac_VII

Treatment Control Filtered-1micron



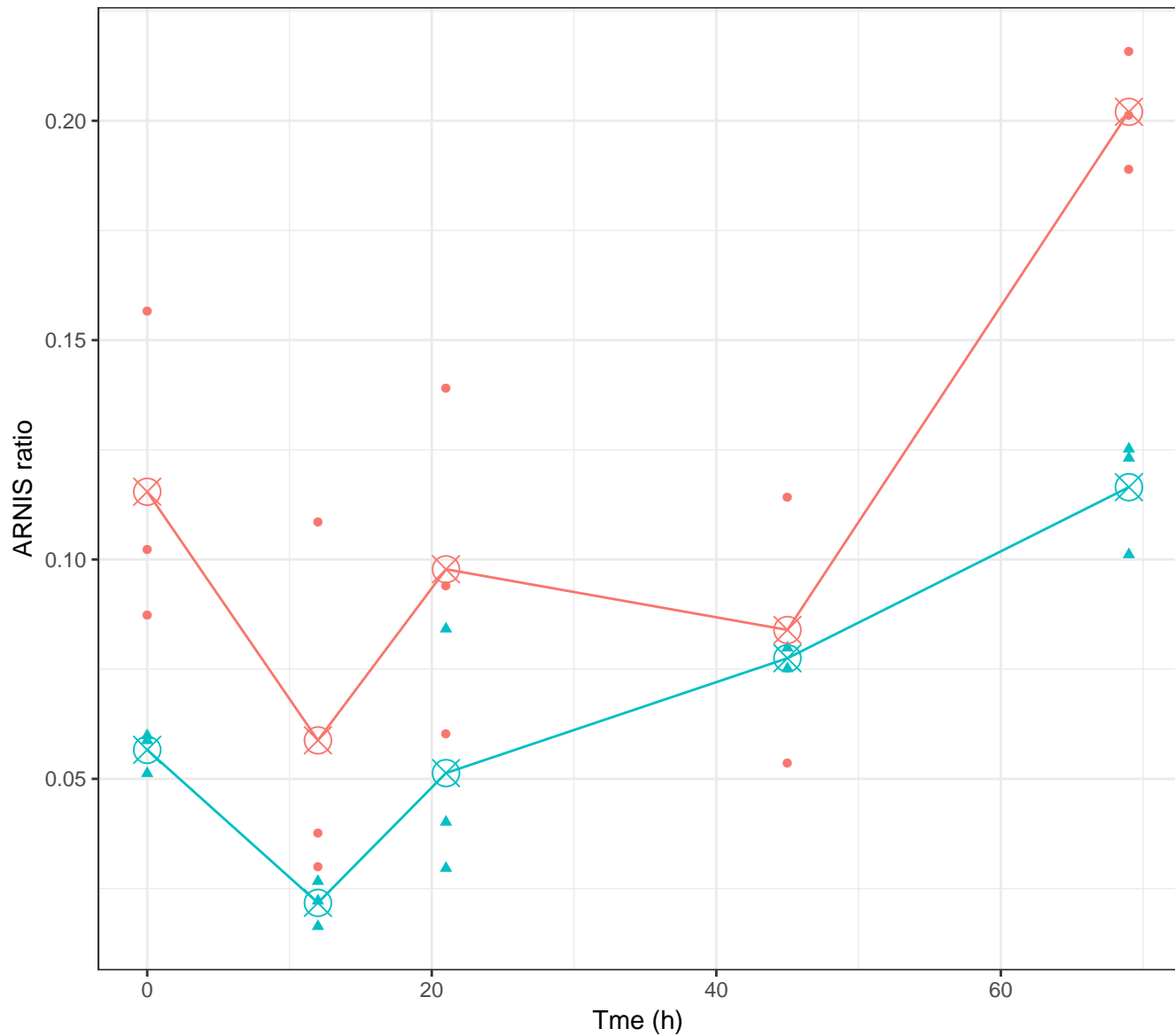
OTU.104_Alphaproteobacteria_Sphingomonas

Treatment Control Filtered-1micron



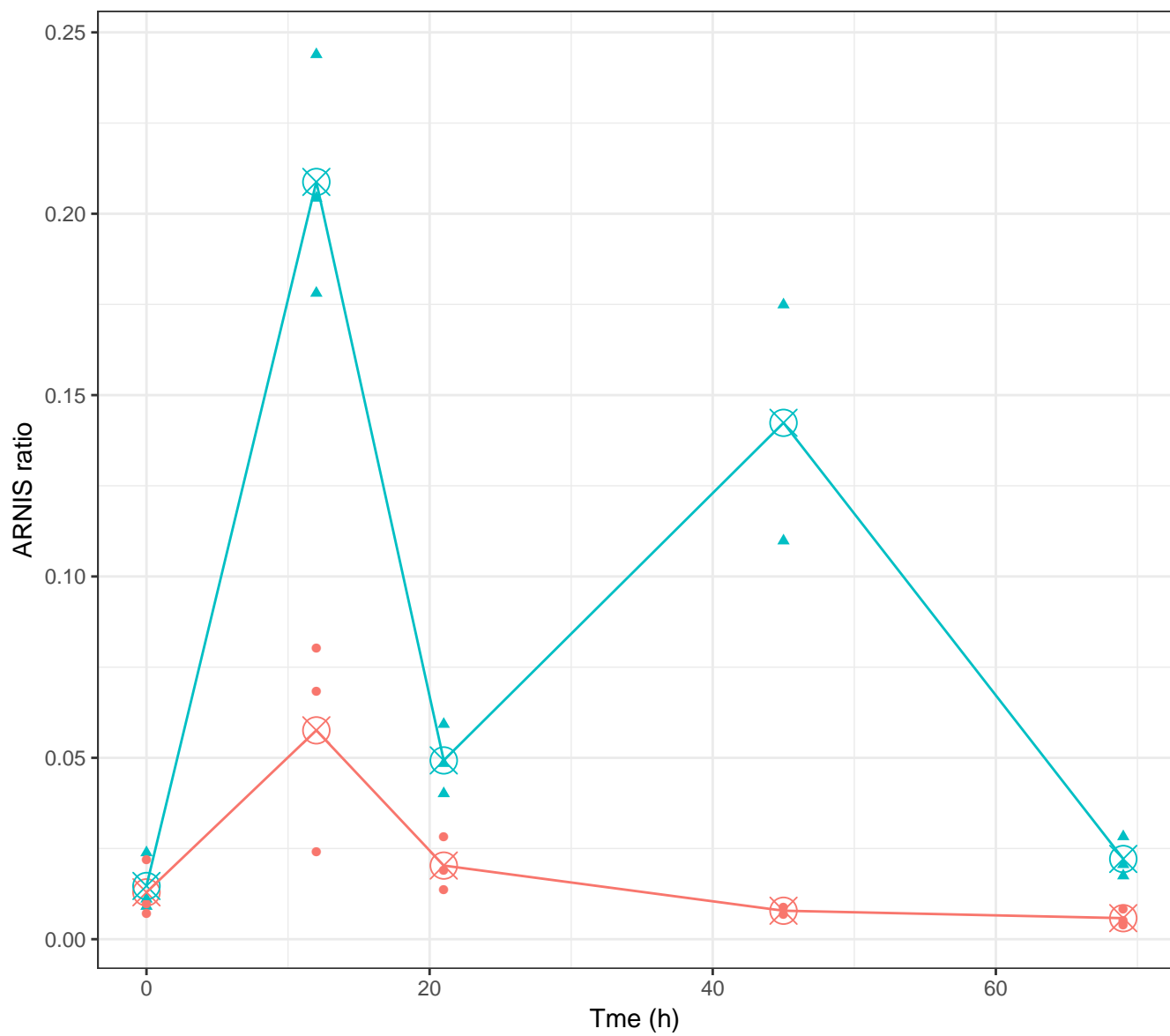
OTU.126_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



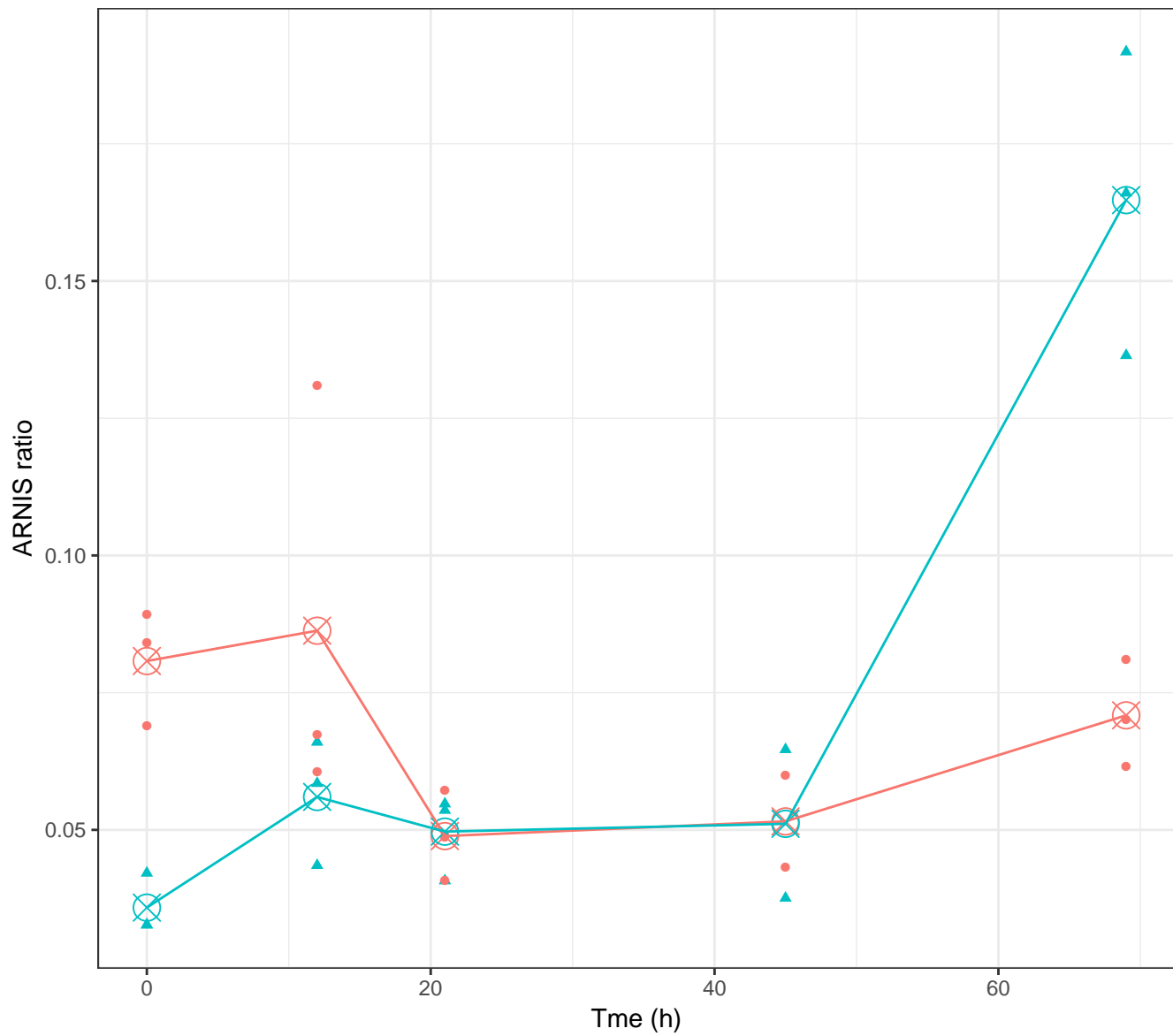
OTU.8066_Betaproteobacteria_Polynucleobacter

Treatment Control Filtered-1micron





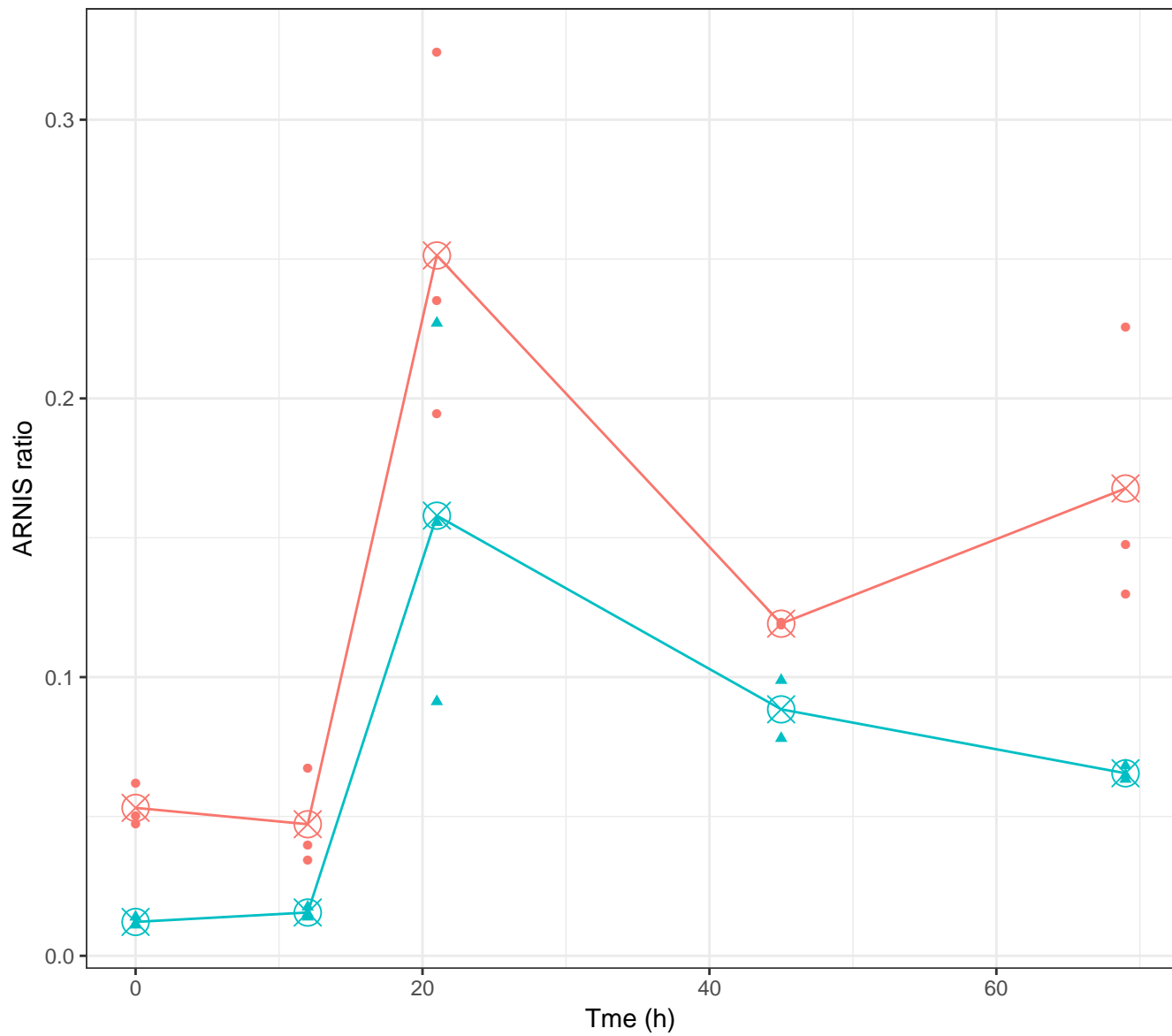
OTU.119_Alphaproteobacteria_Roseomonas

Treatment Control Filtered-1micron



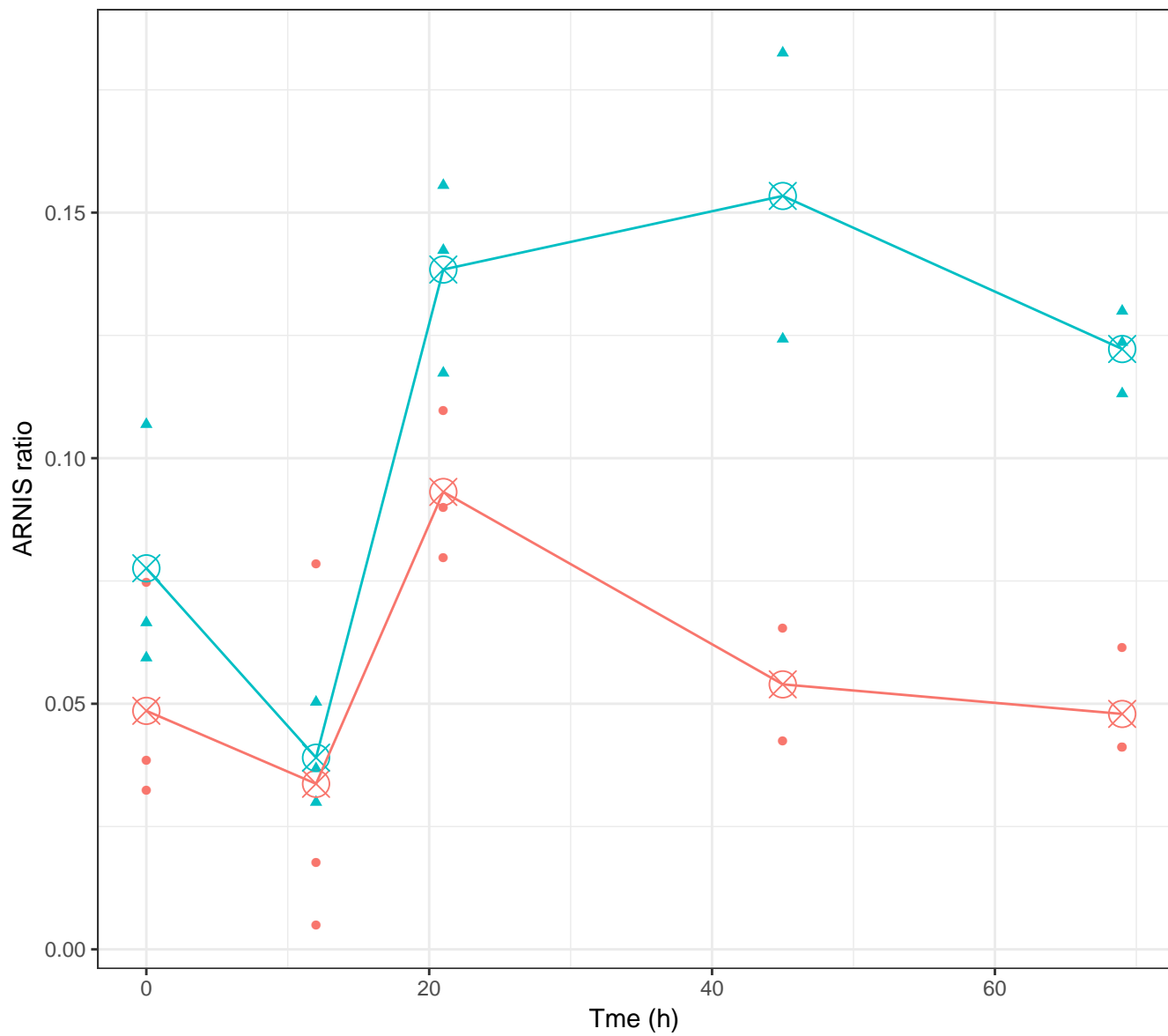
OTU.92_Bacteroidetes_Ferruginibacter

Treatment  Control  Filtered-1micron



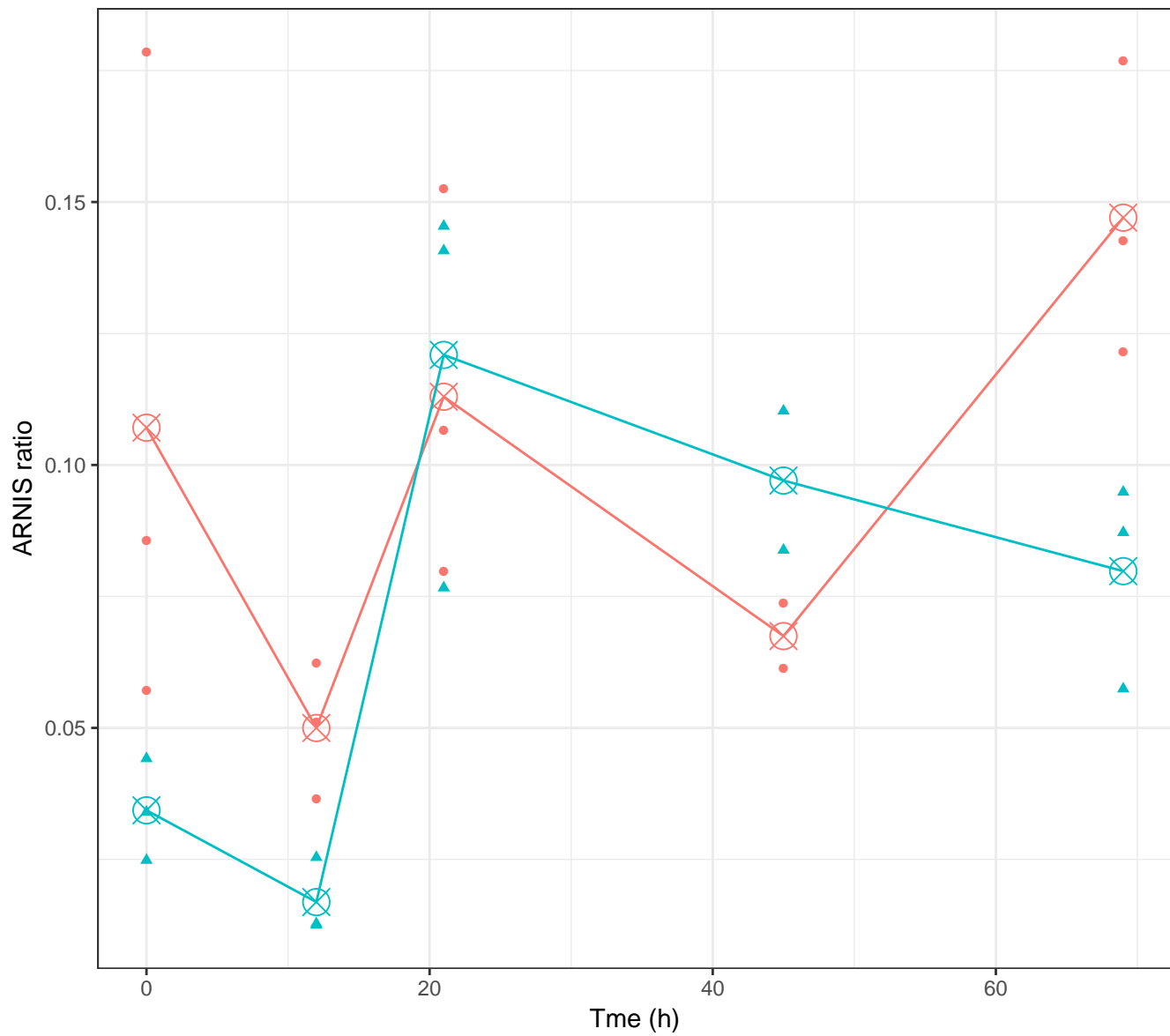
OTU.82_Bacteroidetes_Sediminibacterium

Treatment ⊗ Control ⊗ Filtered-1micron



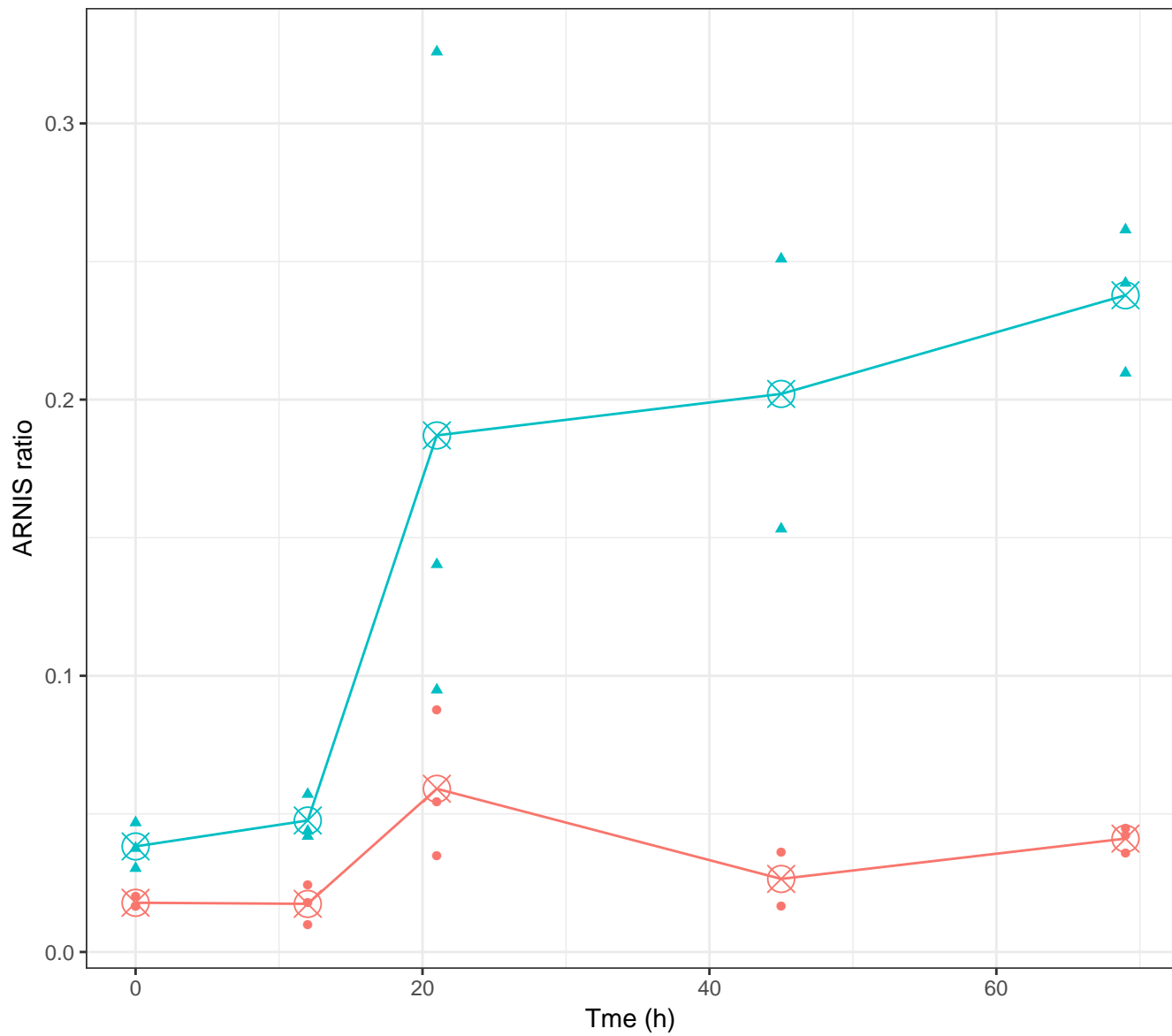


OTU.3808_Verrucomicrobia_Prostheco bacter

Treatment ⊗ Control ⊗ Filtered-1micron

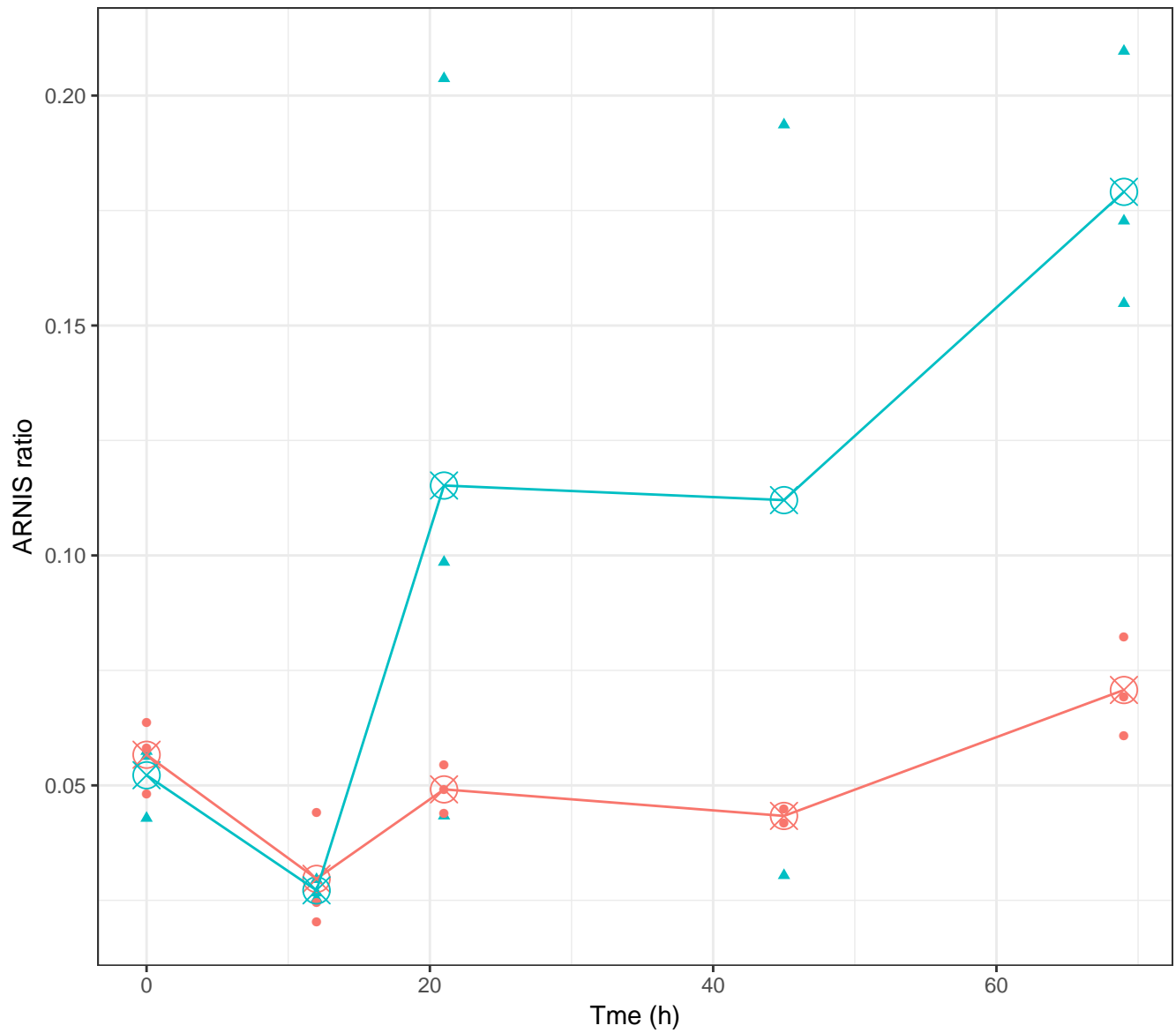


OTU.2_Betaproteobacteria_Limnohabitans_Lim.B

Treatment  Control  Filtered-1micron

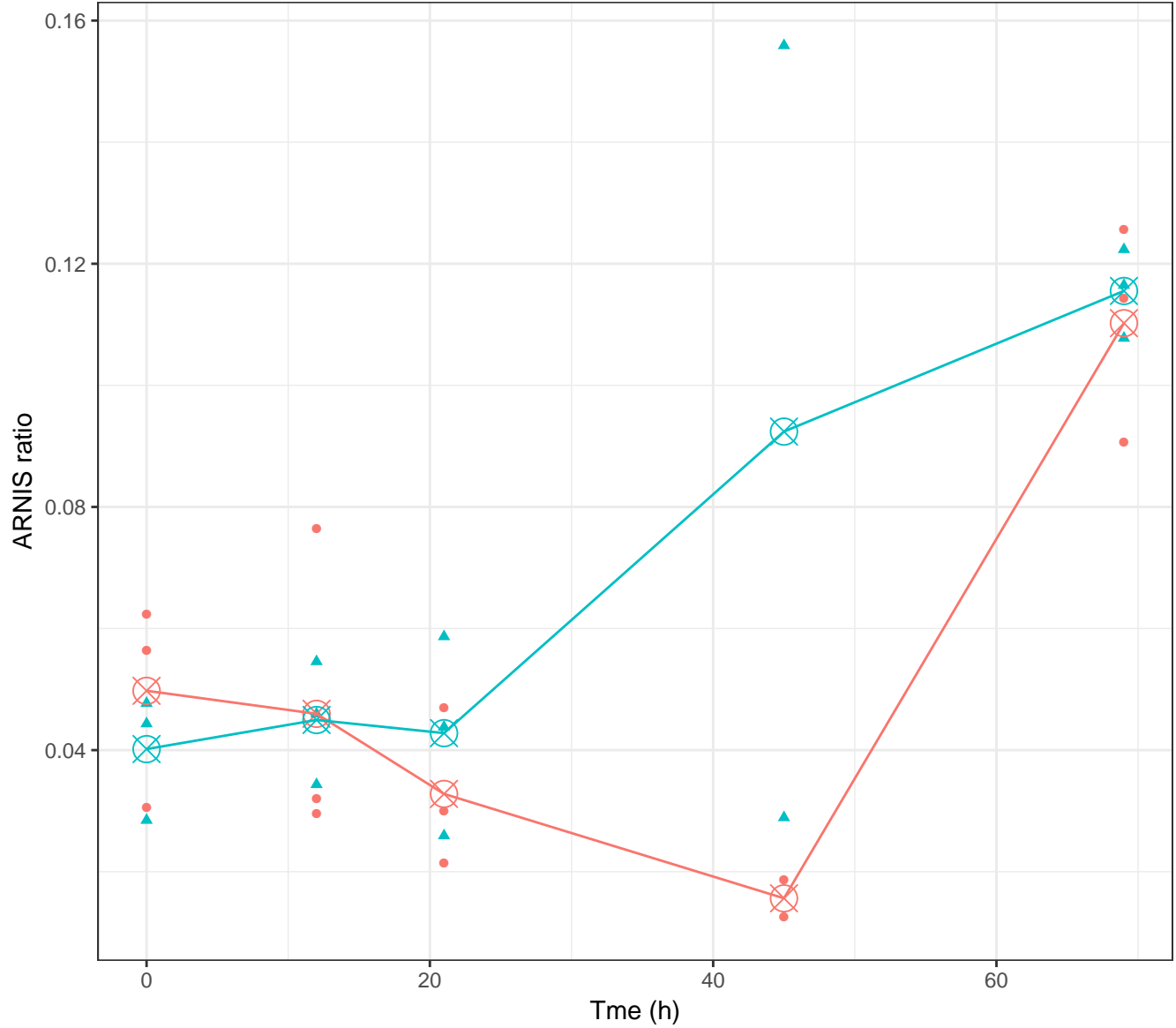
OTU.97_Verrucomicrobia_OPB35_soil_group

Treatment Control Filtered-1micron





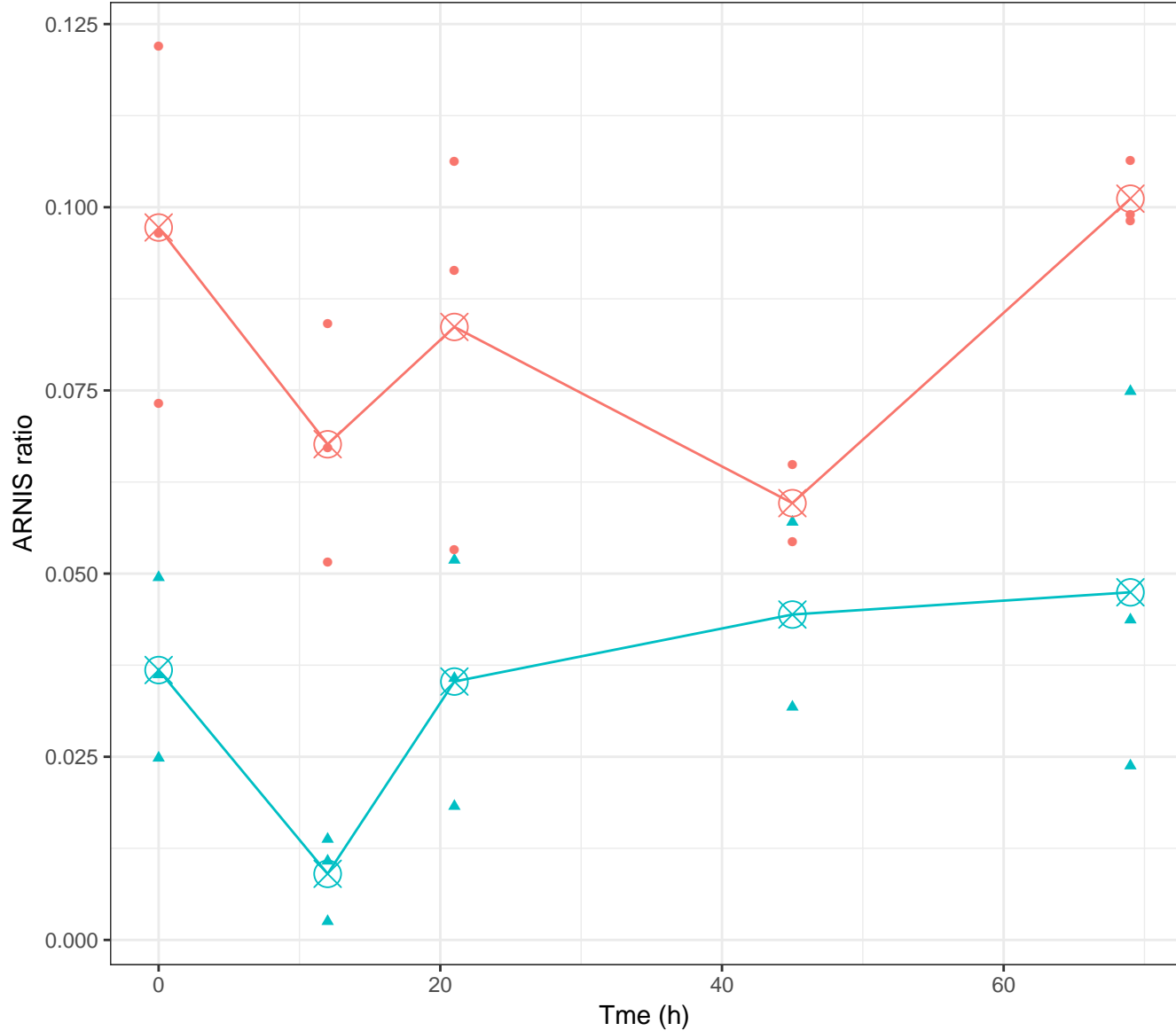
OTU.164_Gammaproteobacteria_Xanthomonadales

Treatment Control Filtered-1micron



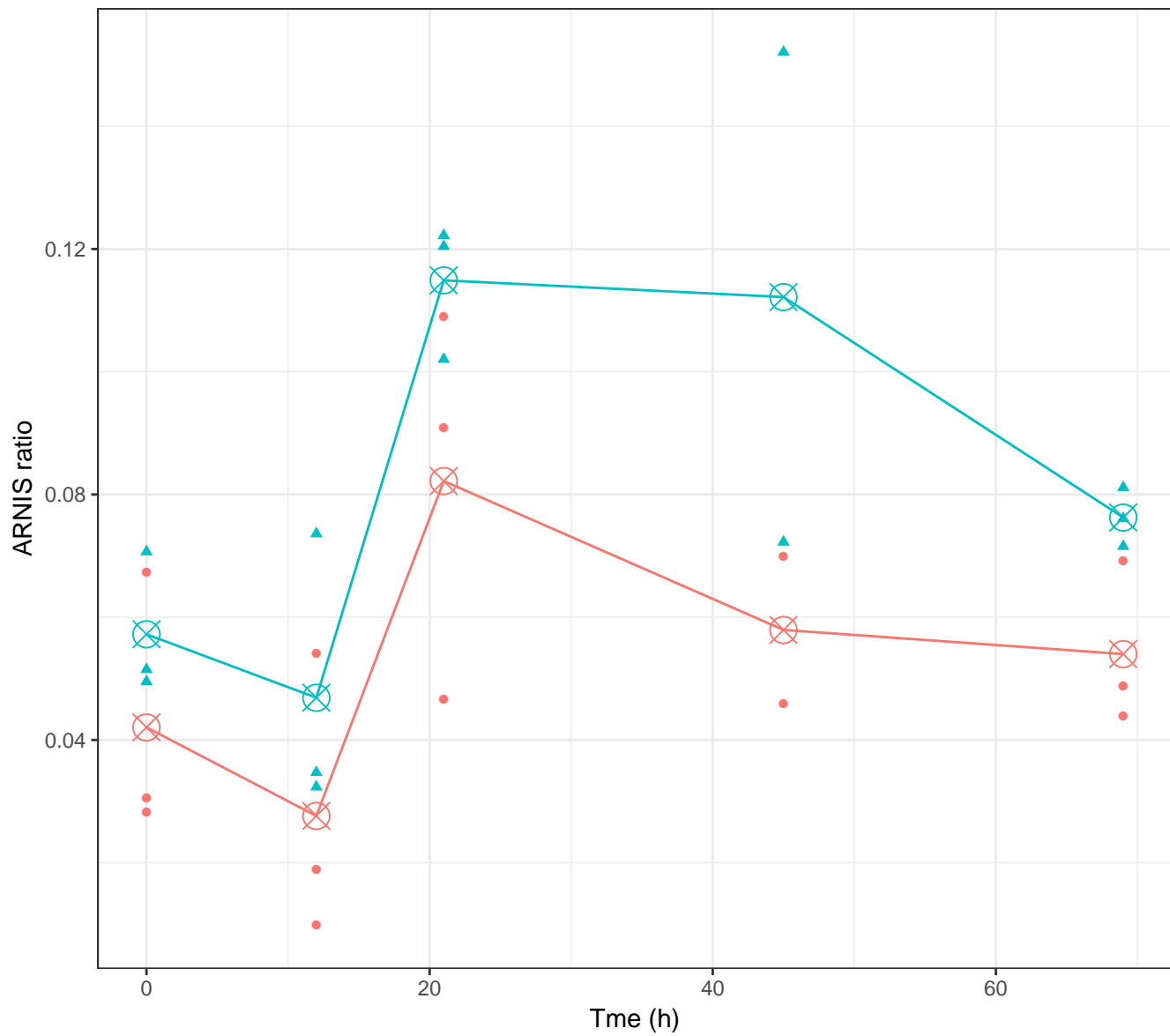
OTU.86_Betaproteobacteria_Comamonadaceae

Treatment  Control  Filtered-1micron



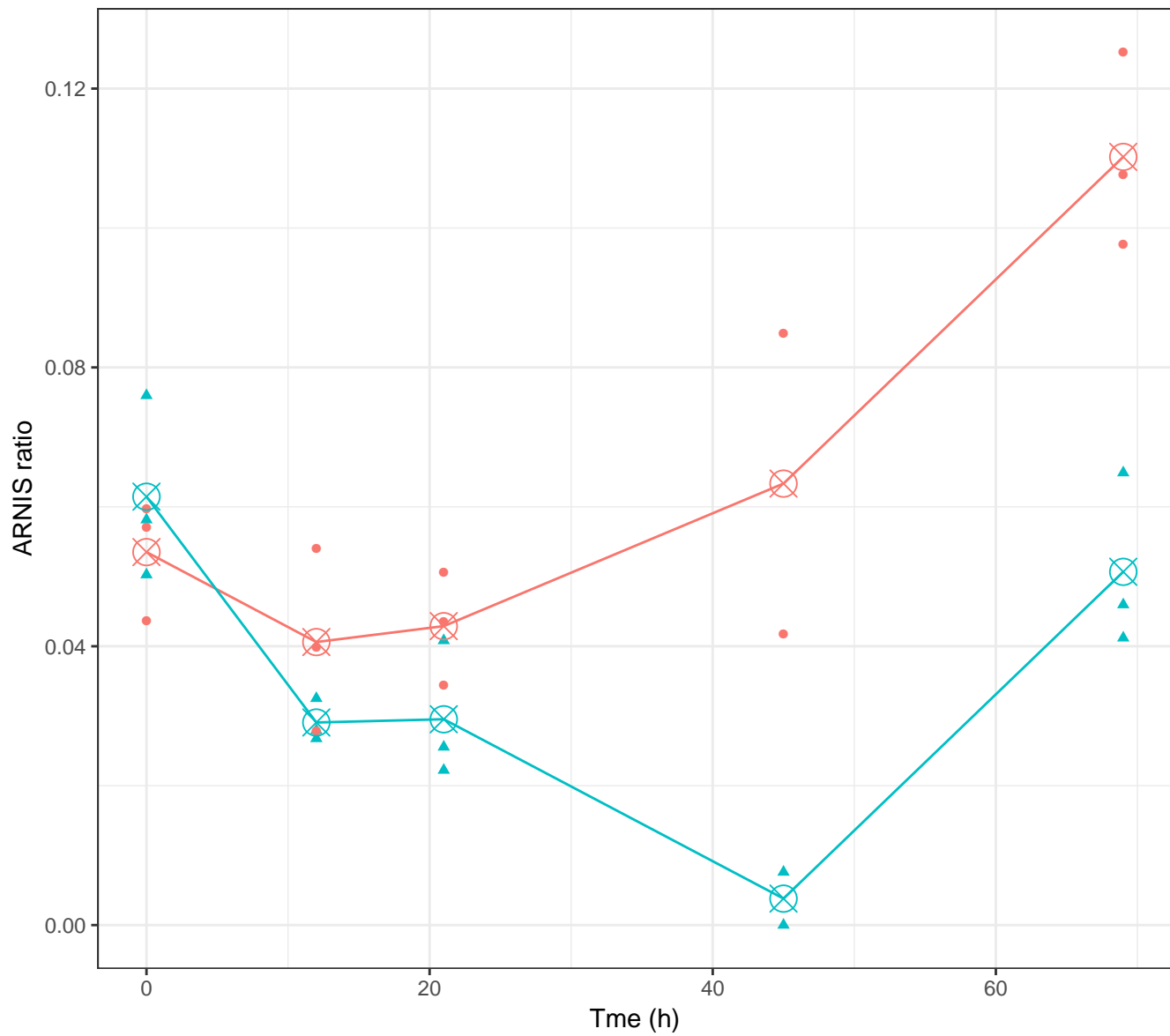
OTU.23_Bacteroidetes_Sediminibacterium

Treatment Control Filtered-1micron



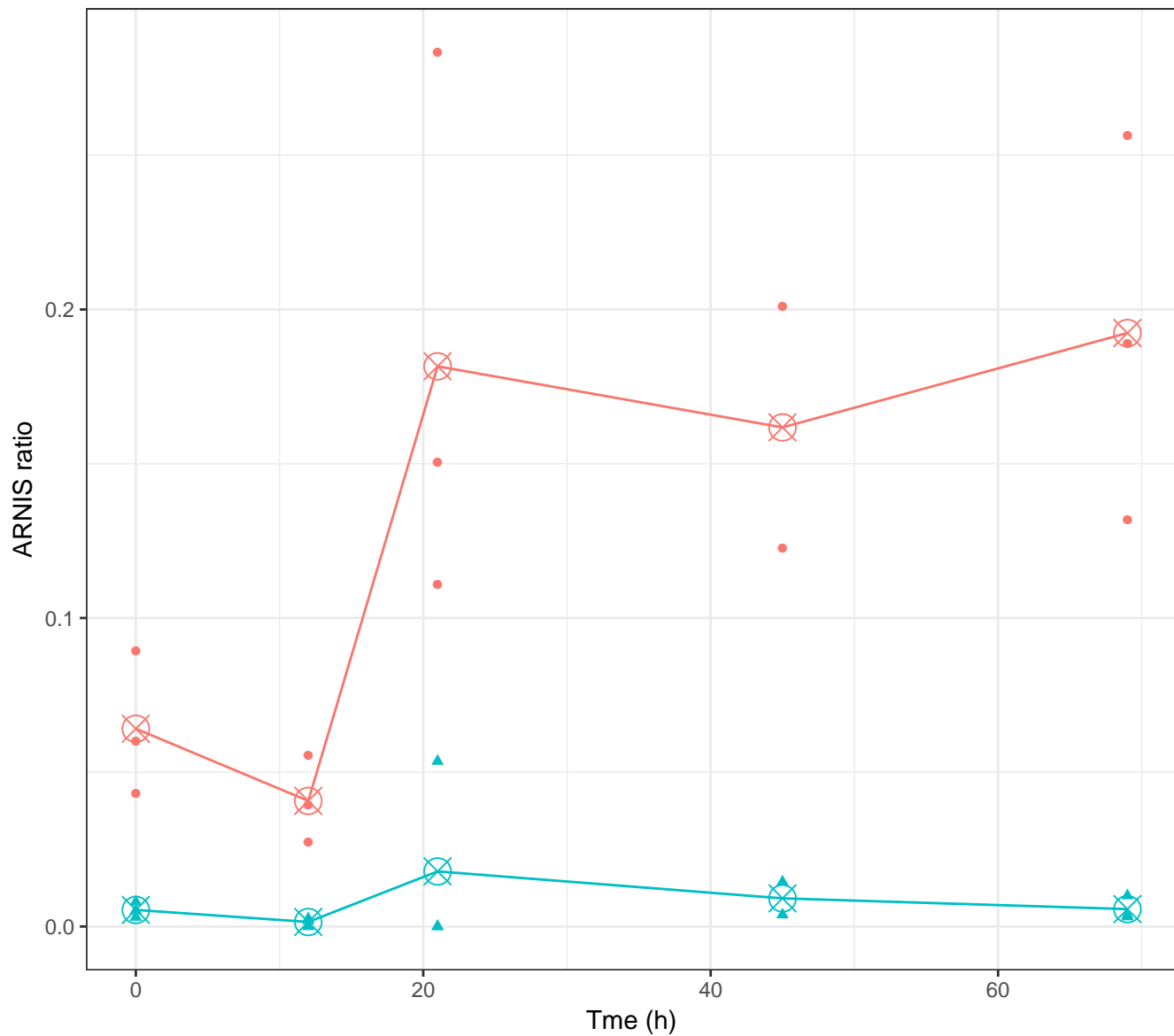


OTU.259_Chloroflexi_Roseiflexus

Treatment Control Filtered-1micron

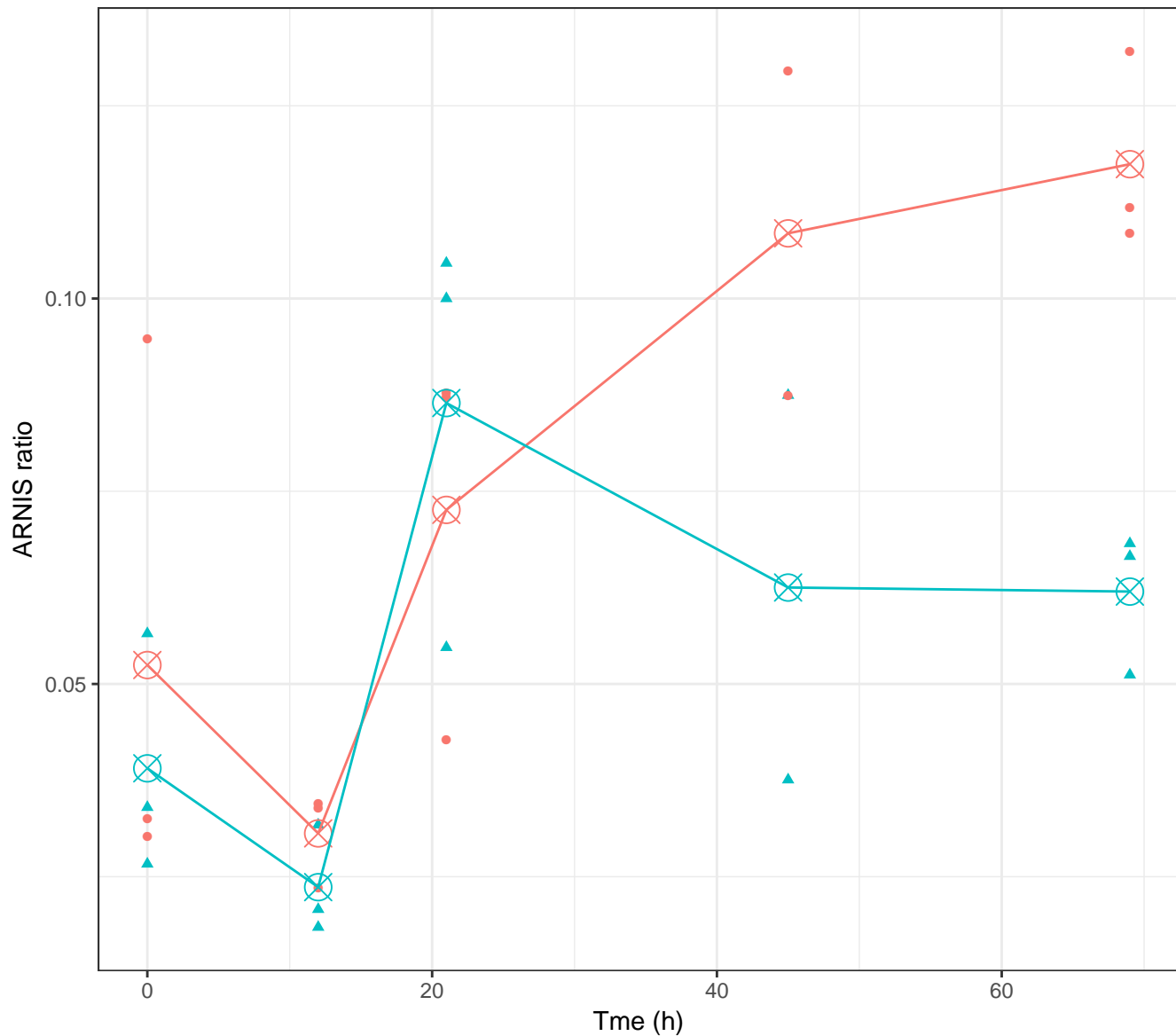


OTU.173_Bacteroidetes_Sphingobacteriaceae_LiUU.11.161

Treatment  Control  Filtered-1micron

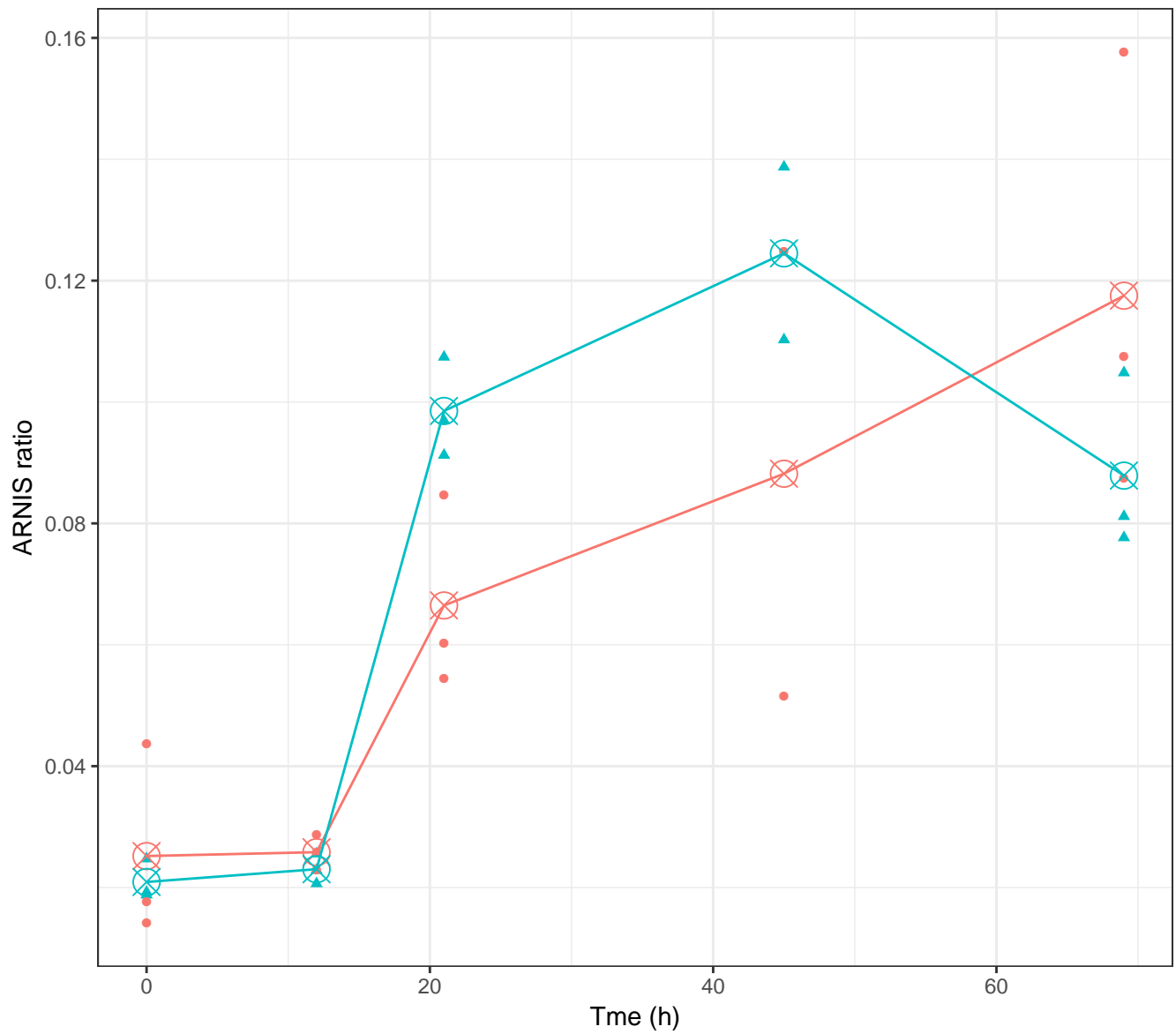
OTU.154_Verrucomicrobia_FukuN18_freshwater_group

Treatment ⊗ Control ⊗ Filtered-1micron



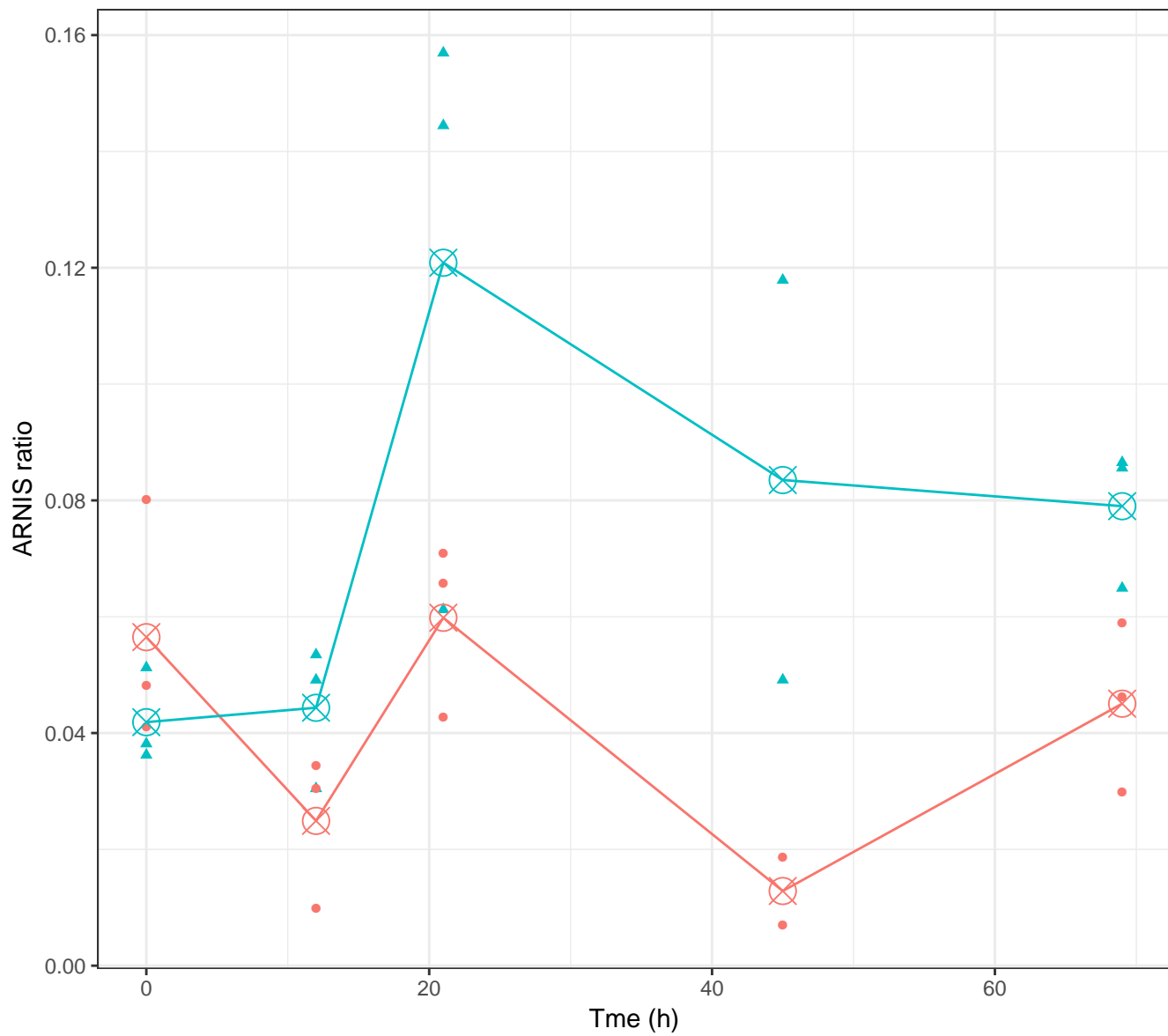
OTU.149_Bacteroidetes_Hydrotalea

Treatment Control Filtered-1micron



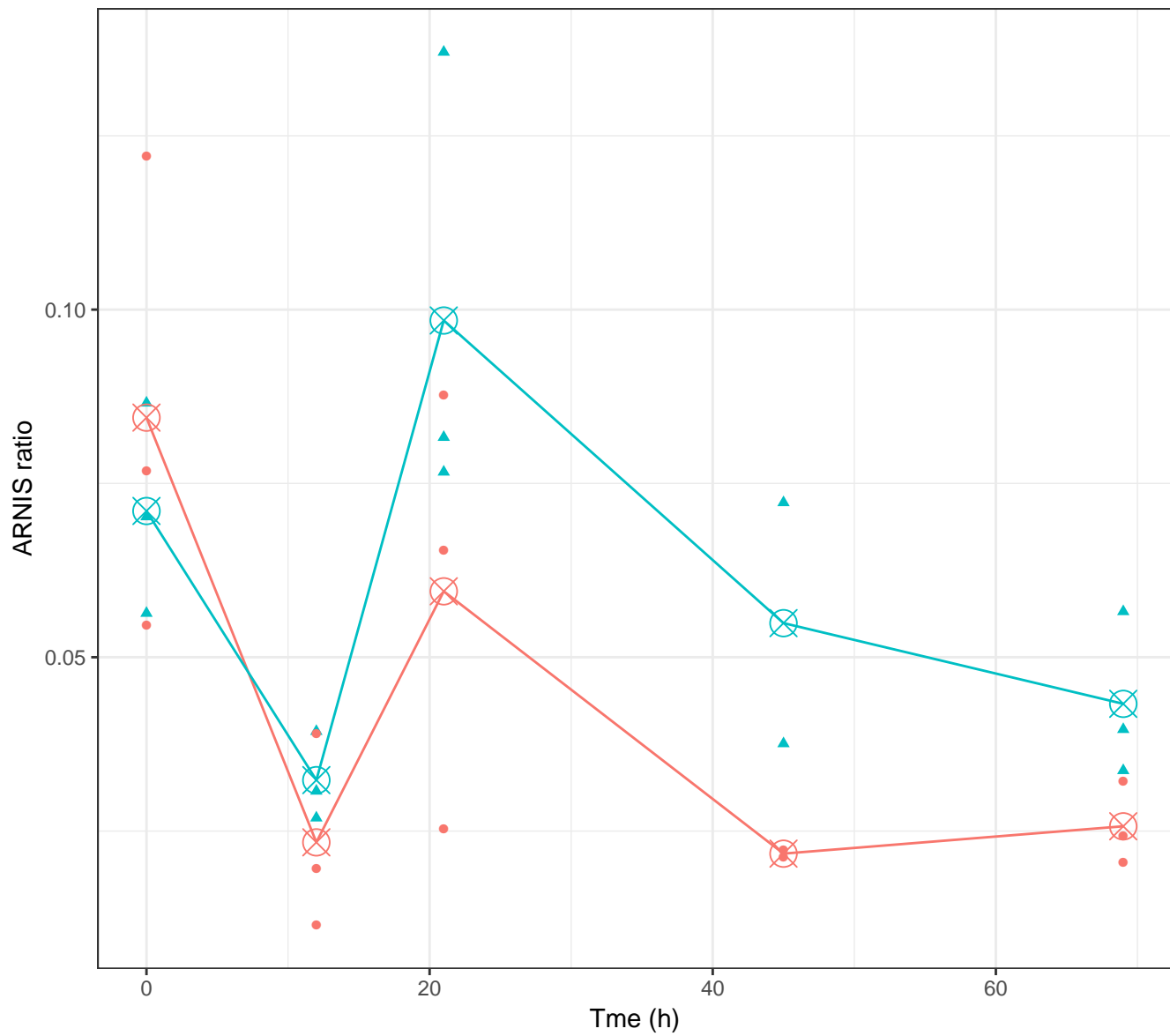
OTU.142_Actinobacteria_clade_acl.C

Treatment ⊗ Control ⊗ Filtered-1micron



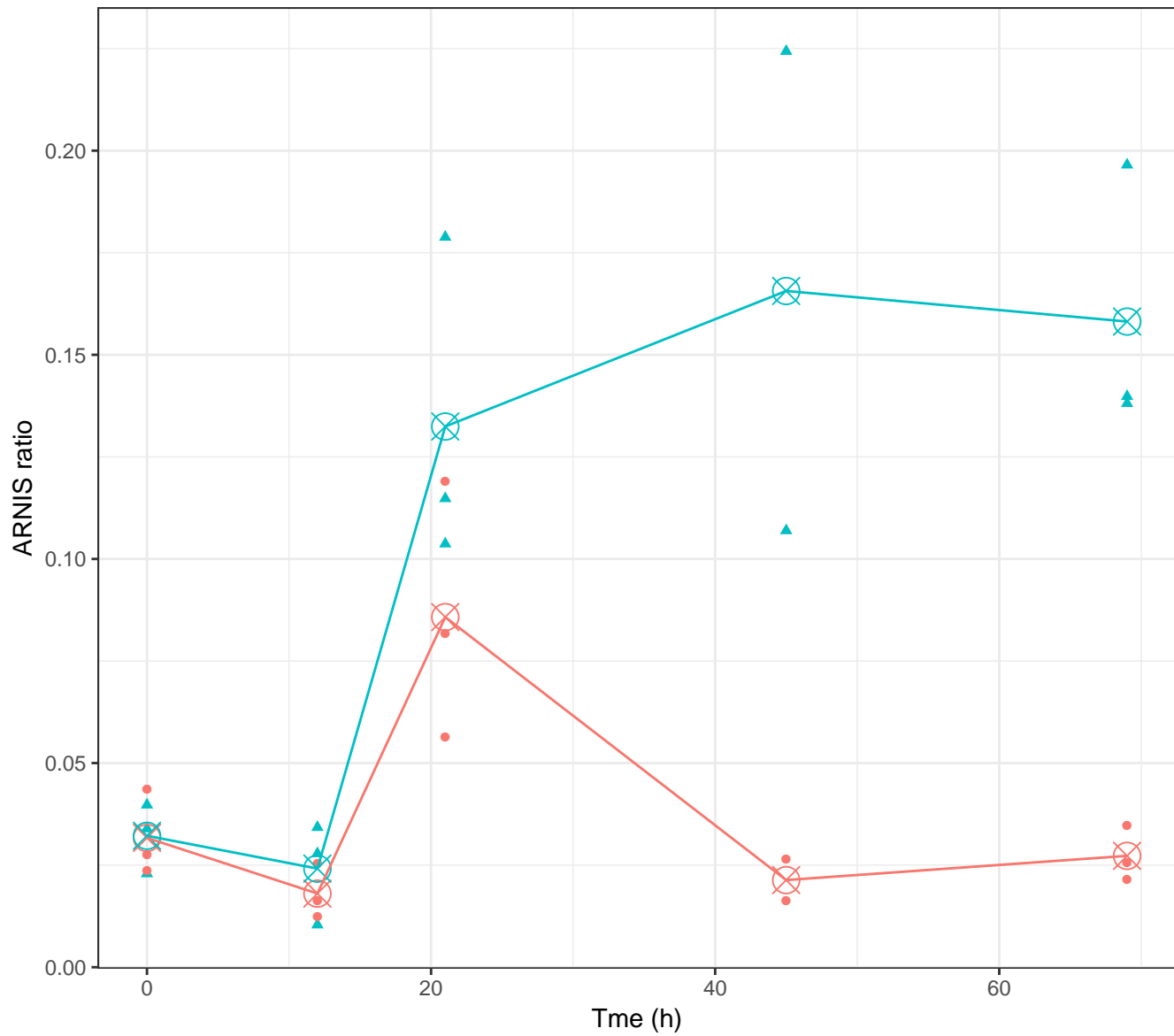
OTU.147_Chlorobi_OPB56

Treatment ⊗ Control ⊗ Filtered-1micron



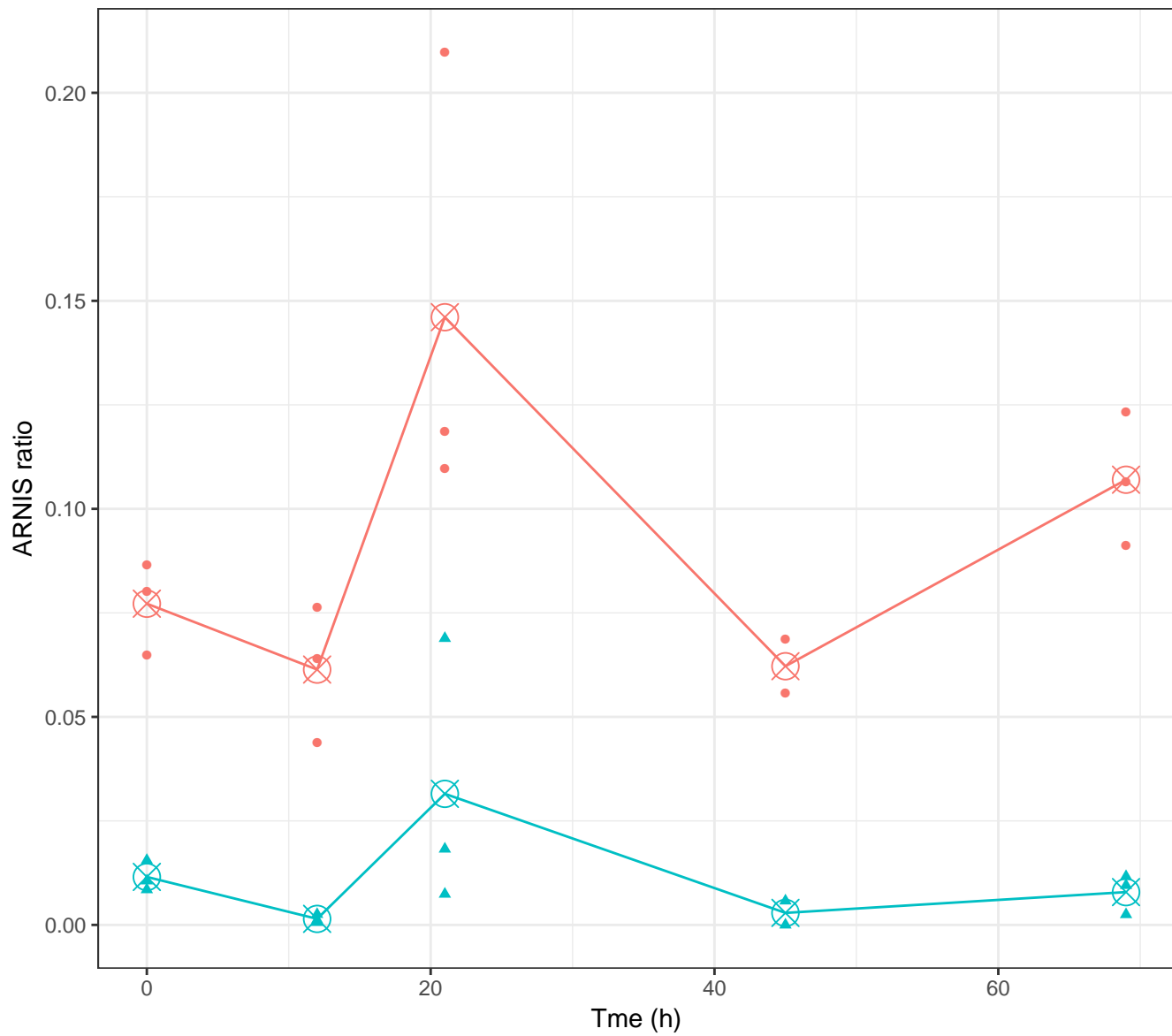
OTU.145_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



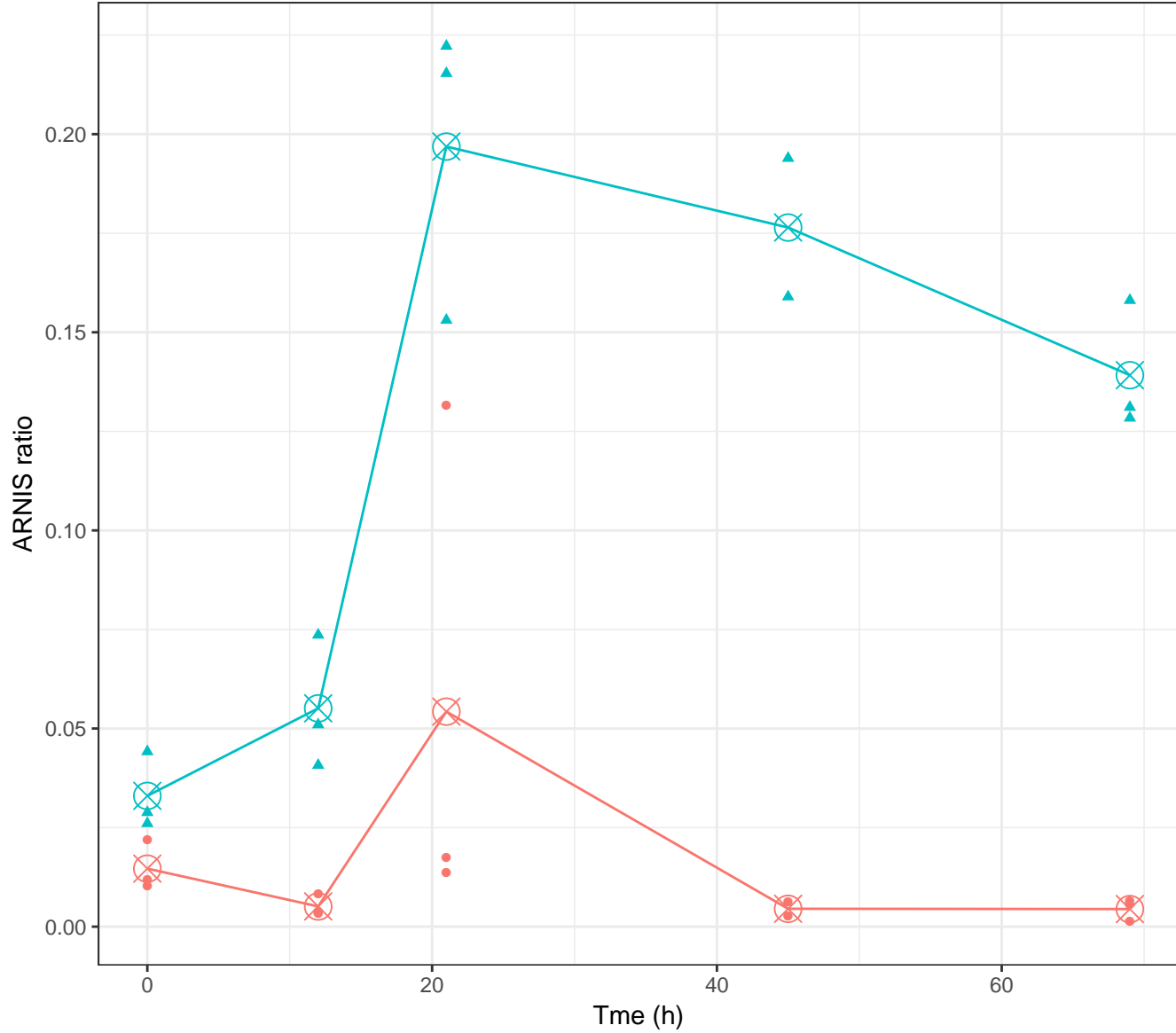
OTU.188_Planctomycetes_Pirellula

Treatment Control Filtered-1micron



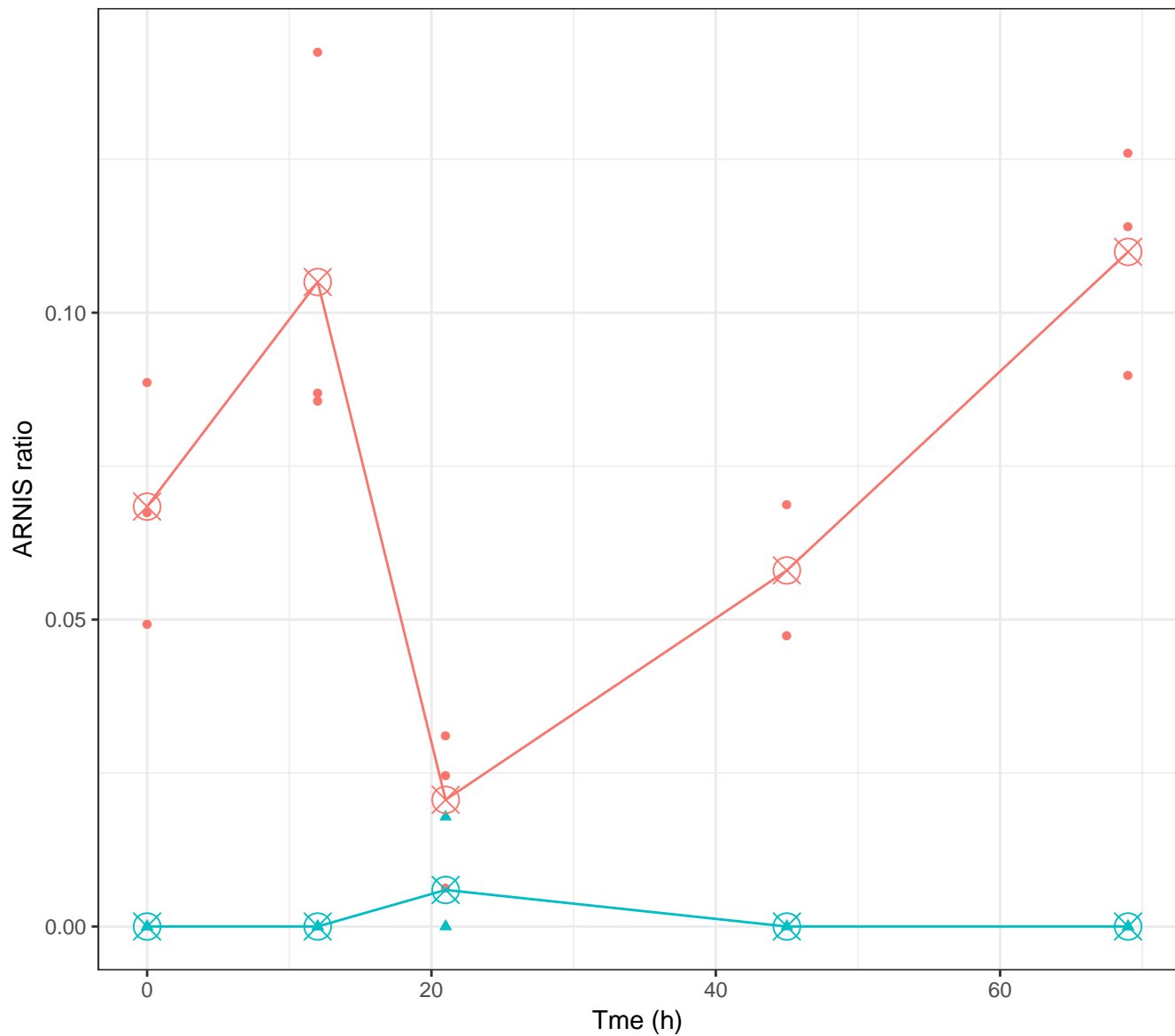
OTU.146_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron





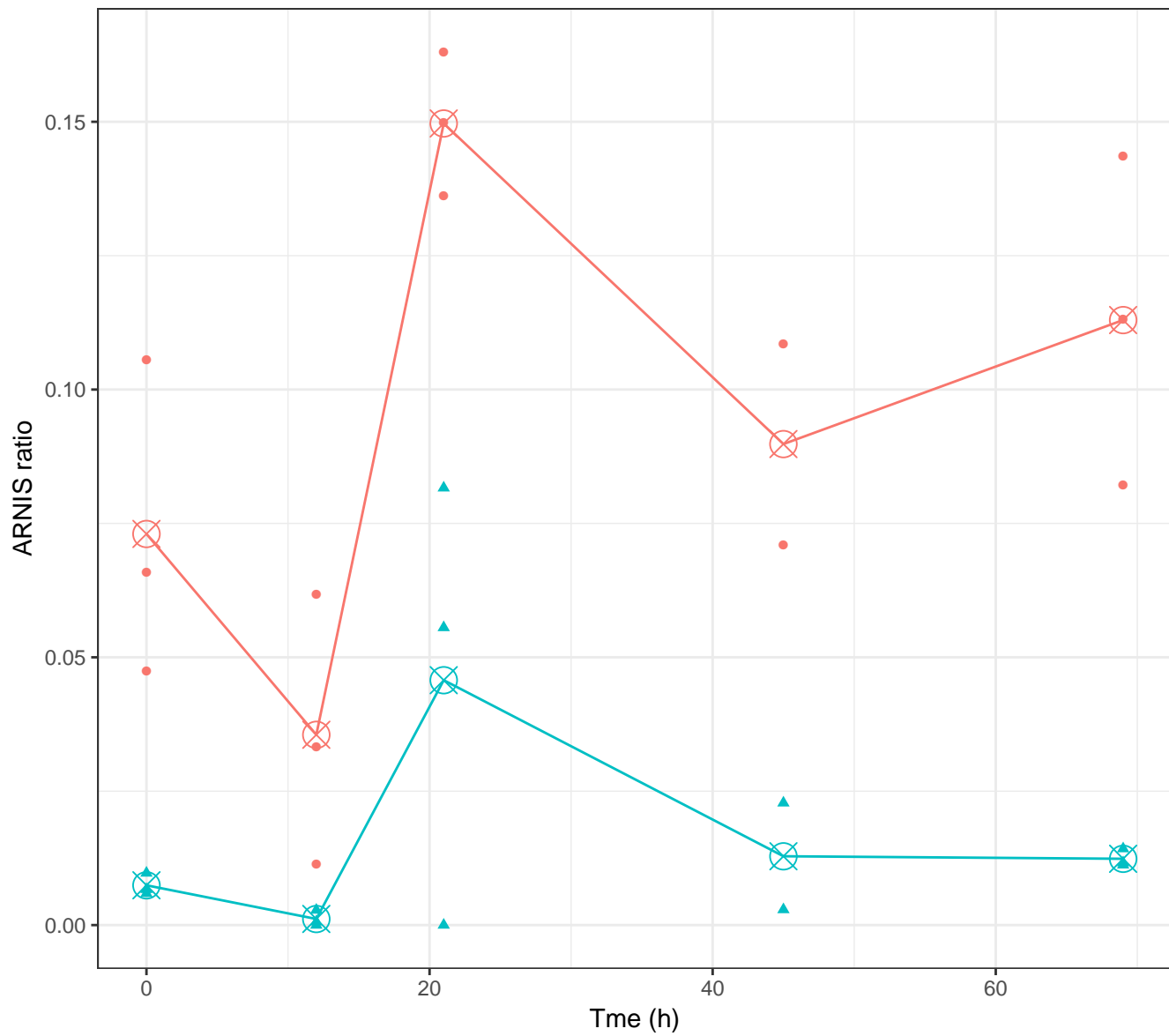
OTU.155_Alphaproteobacteria_Rhizobiales_alpha_I_cluster

Treatment Control Filtered-1micron



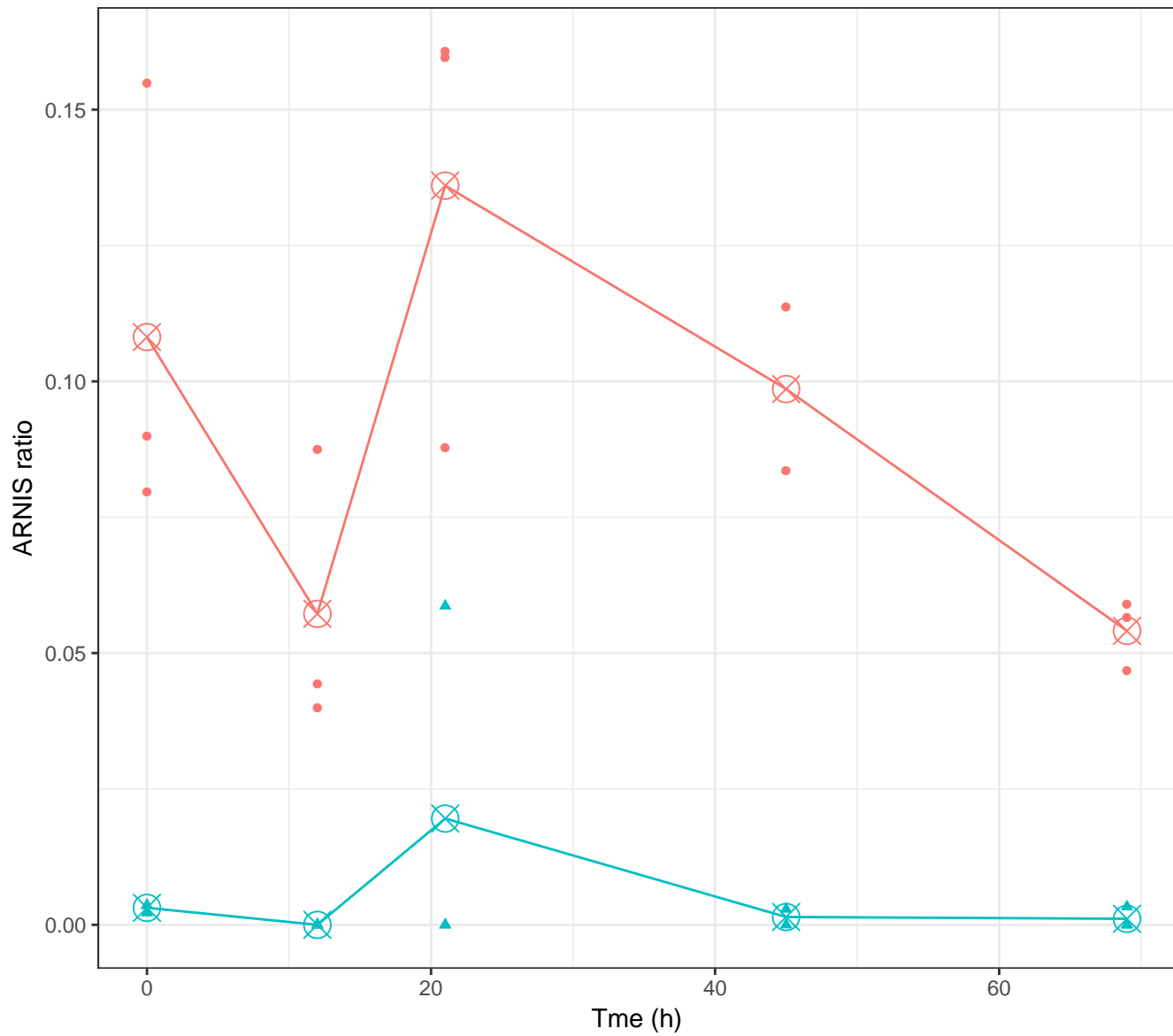
OTU.160_Verrucomicrobia_Verrucomicrobiaceae

Treatment  Control  Filtered-1micron



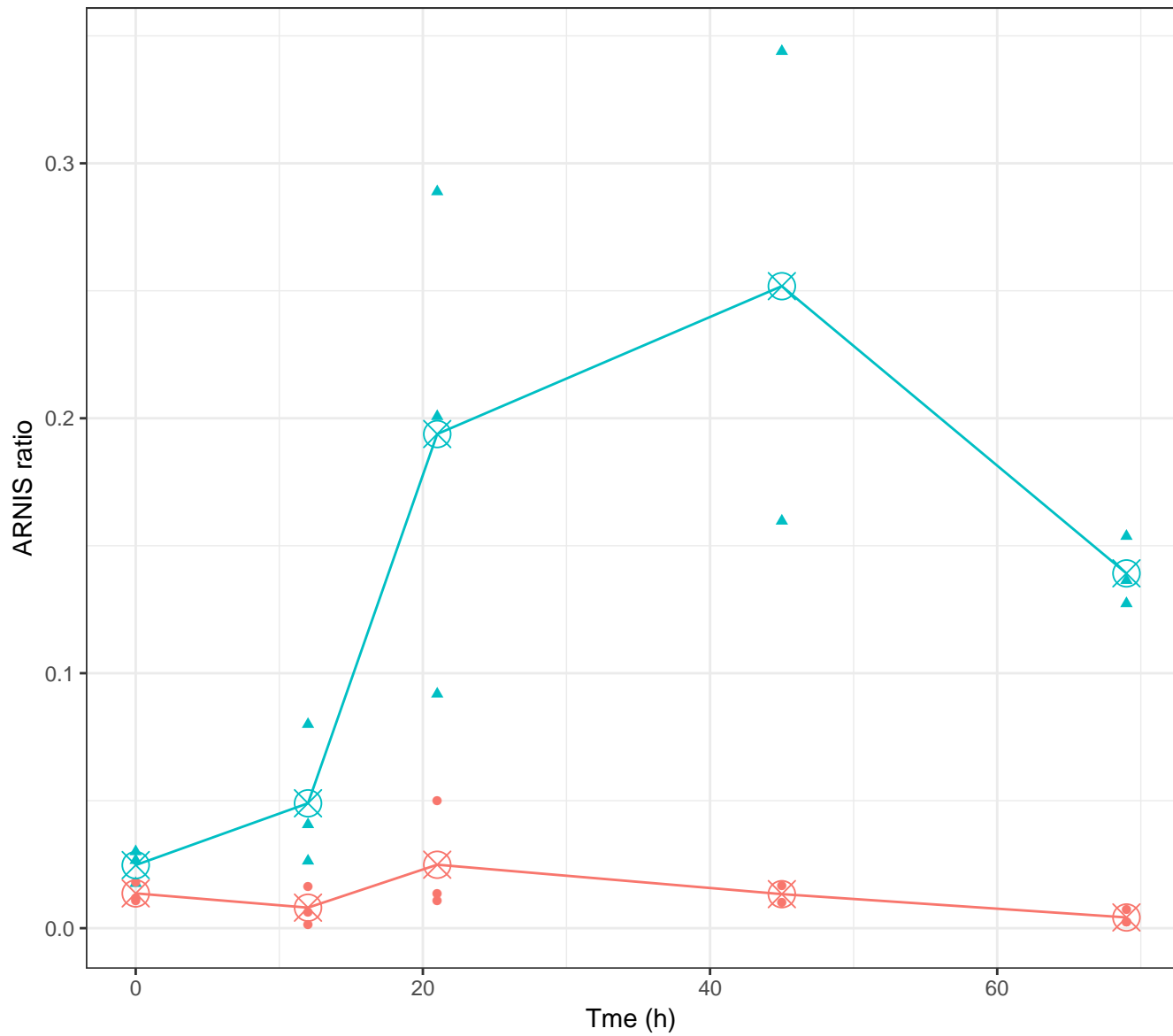


OTU.170_Planctomycetes_Planctomyces

Treatment Control Filtered-1micron

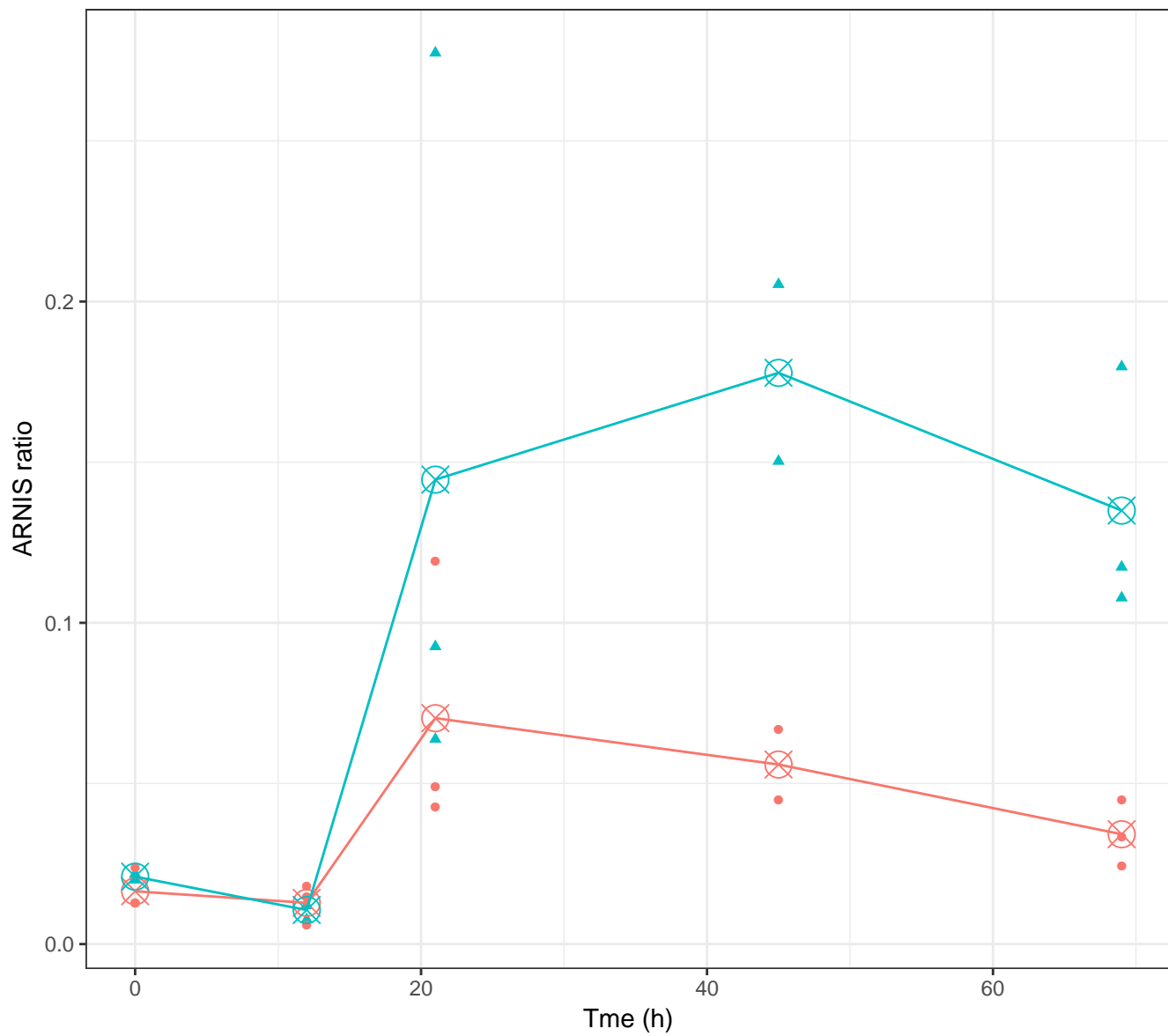


OTU.156_Bacteroidetes_NS11.12_marine_group

Treatment  Control  Filtered-1micron

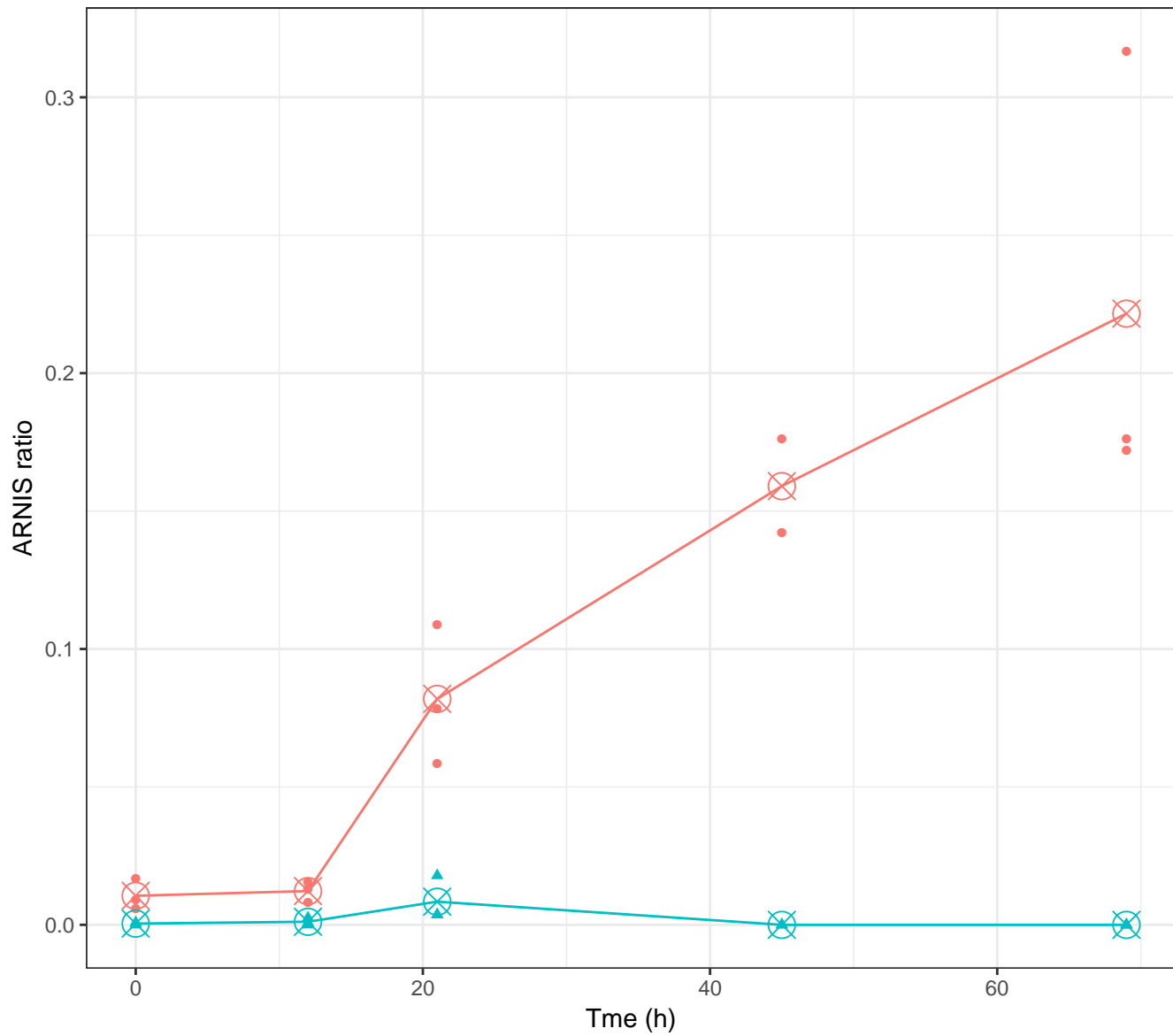
OTU.1912_Bacteroidetes_Pedobacter

Treatment Control Filtered-1micron



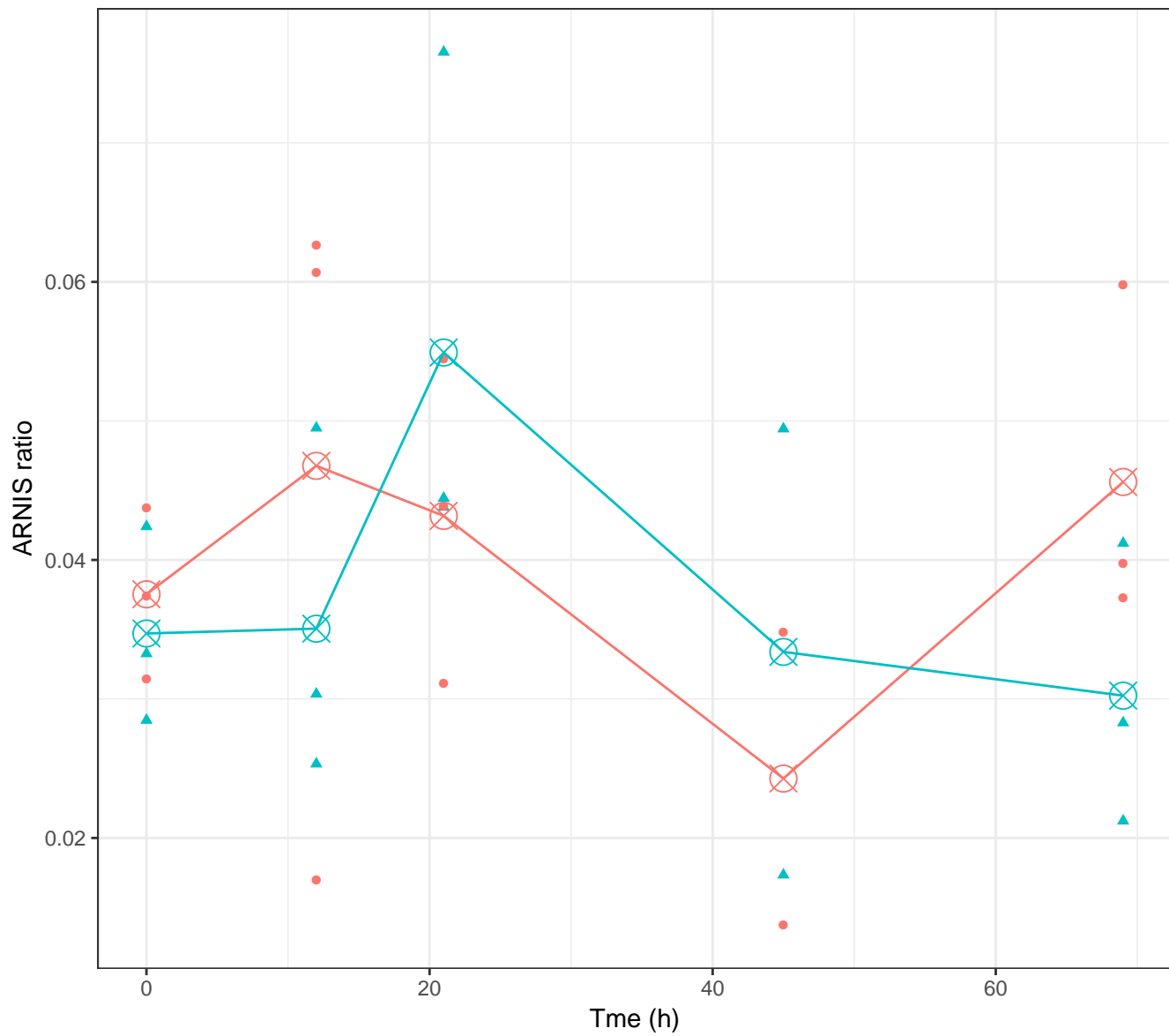
OTU.217_Gammaproteobacteria_Legionella

Treatment Control Filtered-1micron



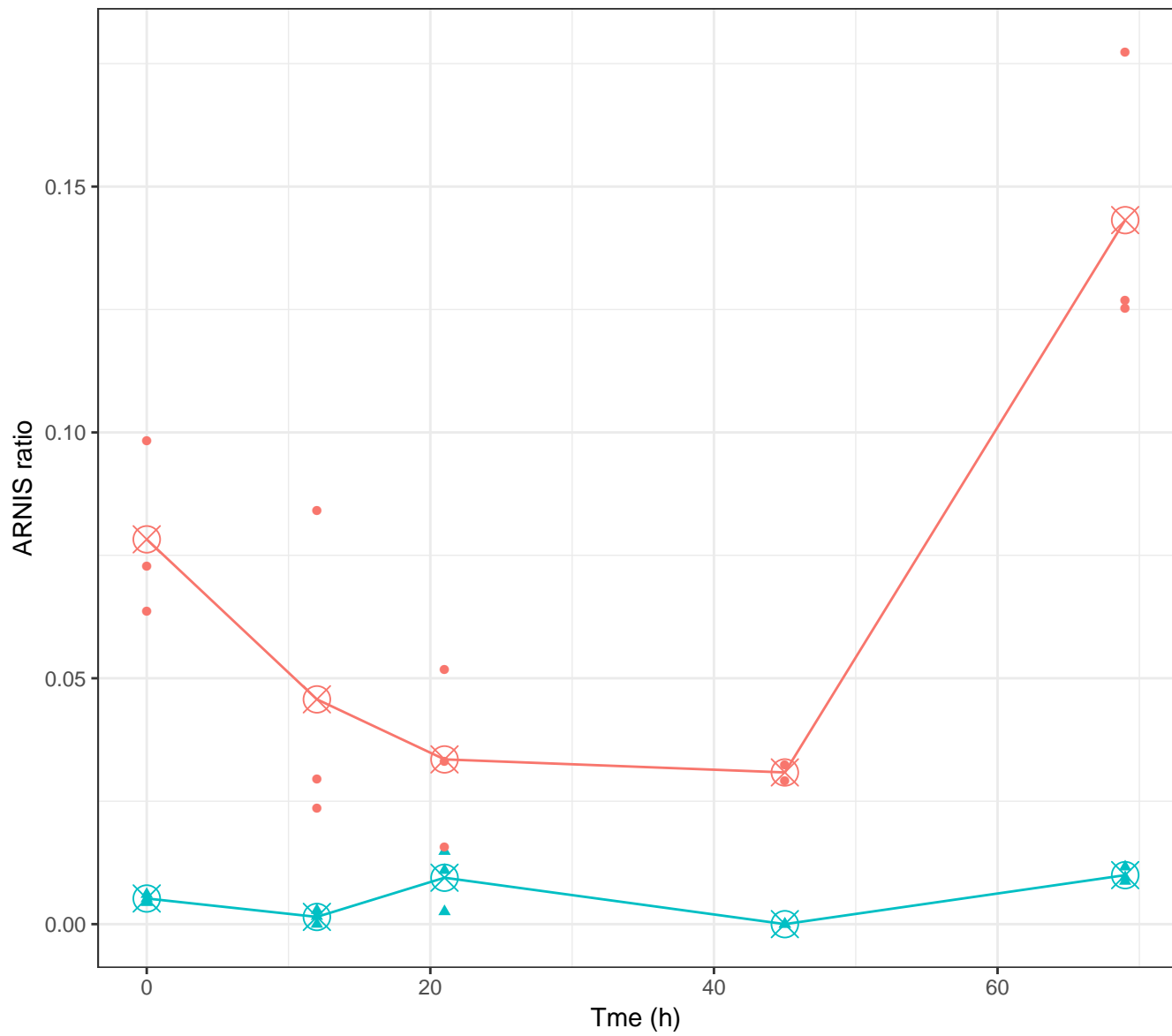
OTU.39_Actinobacteria_acll.luna_MWH.Ta3

Treatment ⊗ Control ⊗ Filtered-1micron



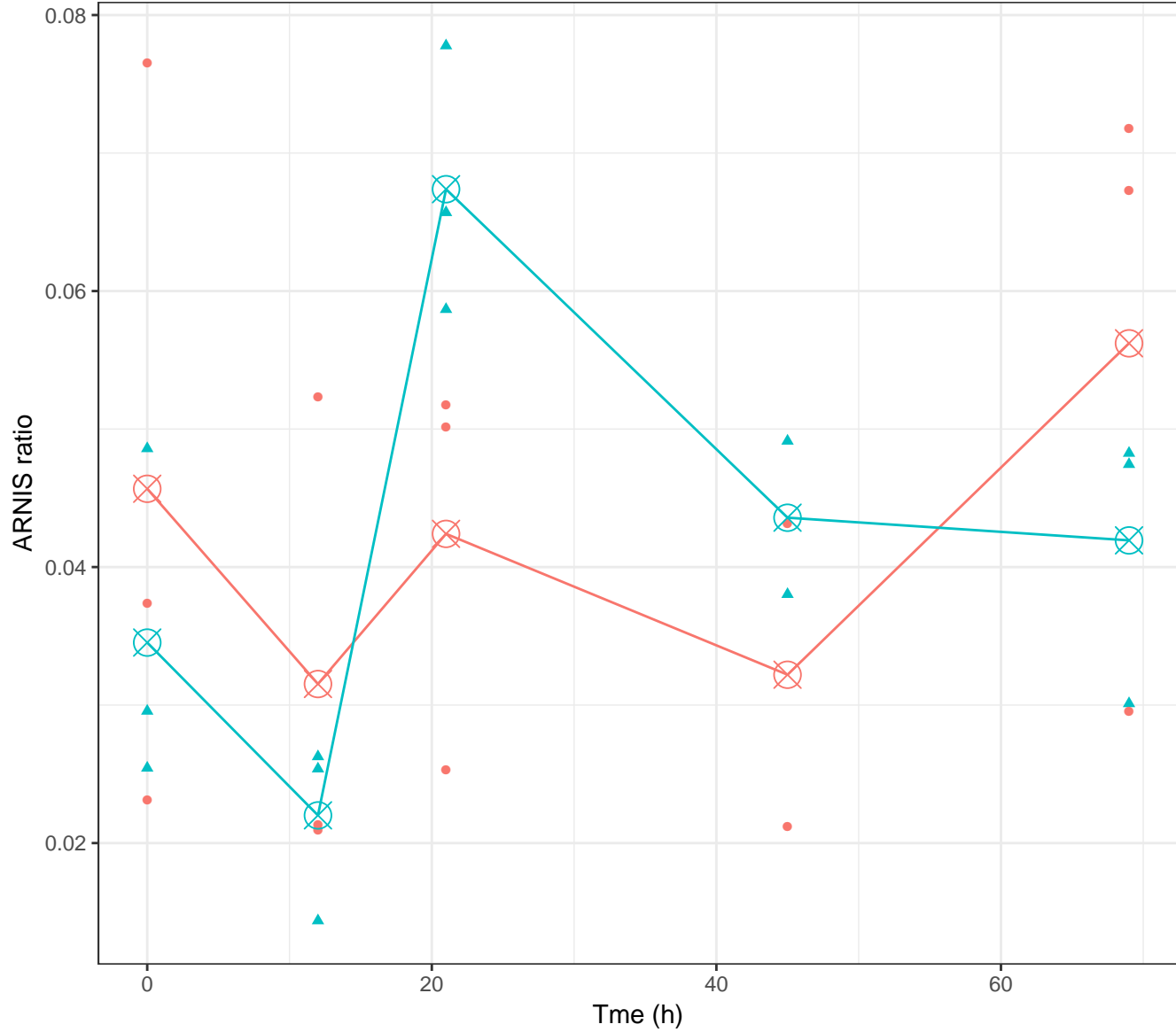
OTU.165_Planctomyces_OM190

Treatment Control Filtered-1micron



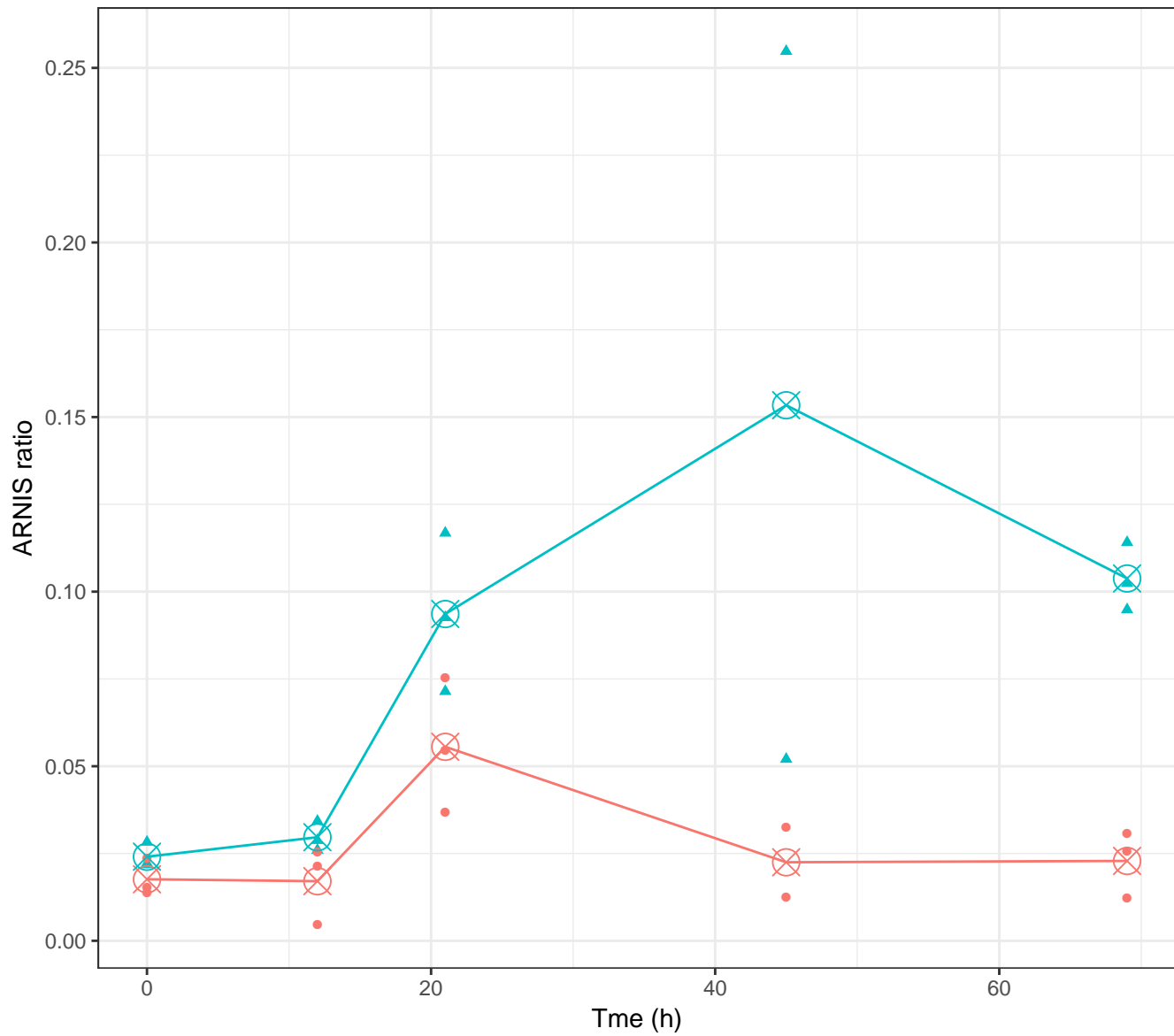
OTU.206_Actinobacteria_Candidatus_Aquiluna

Treatment ⊗ Control ⊗ Filtered-1micron





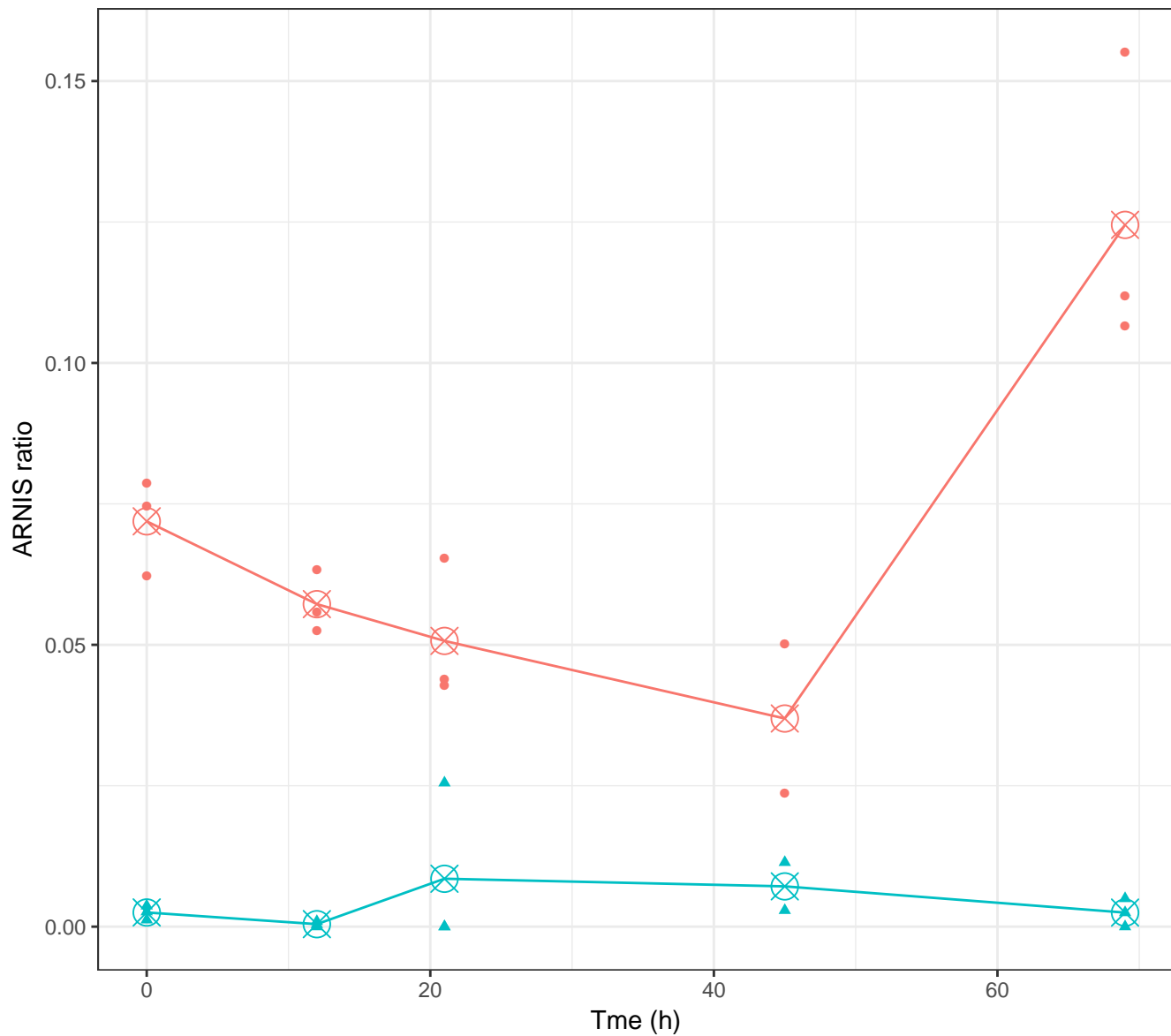
OTU.3957_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



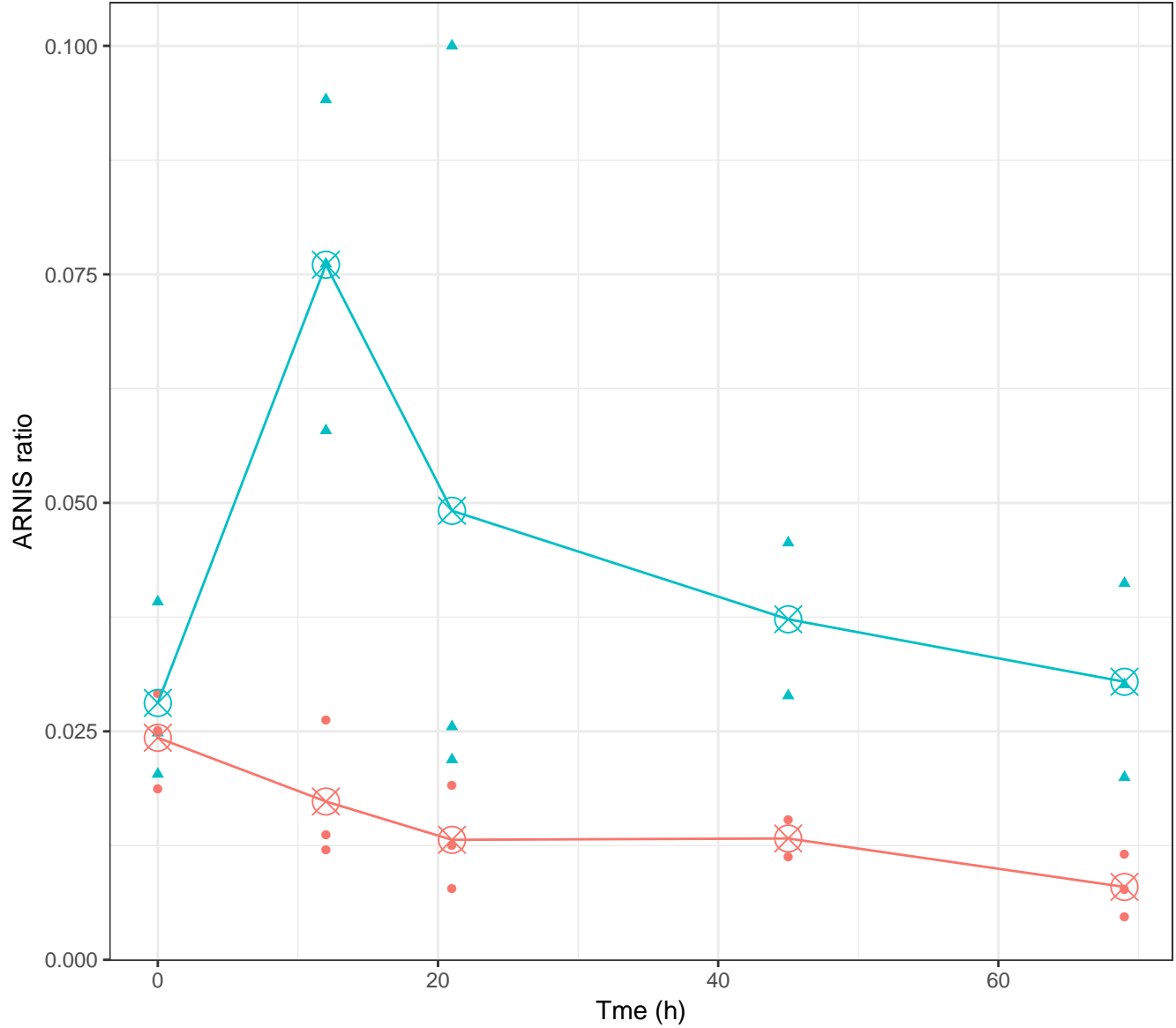
OTU.183_Verrucomicrobia_Verrucomicrobiaceae

Treatment  Control  Filtered-1micron



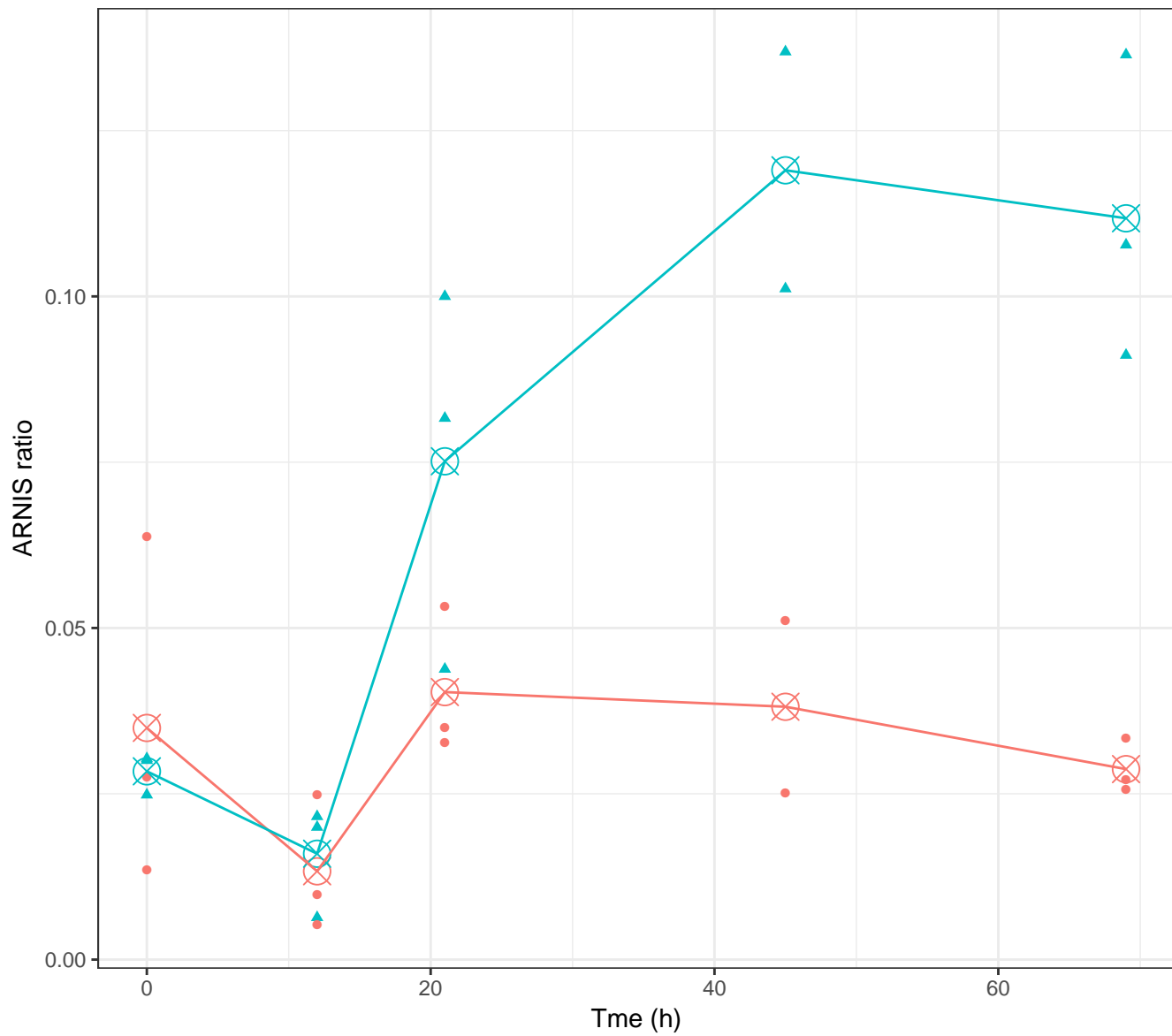


OTU.45_Alphaproteobacteria_SAR11clade_LD12_freshwater_rgroup

Treatment ⊗ Control ⊗ Filtered-1micron

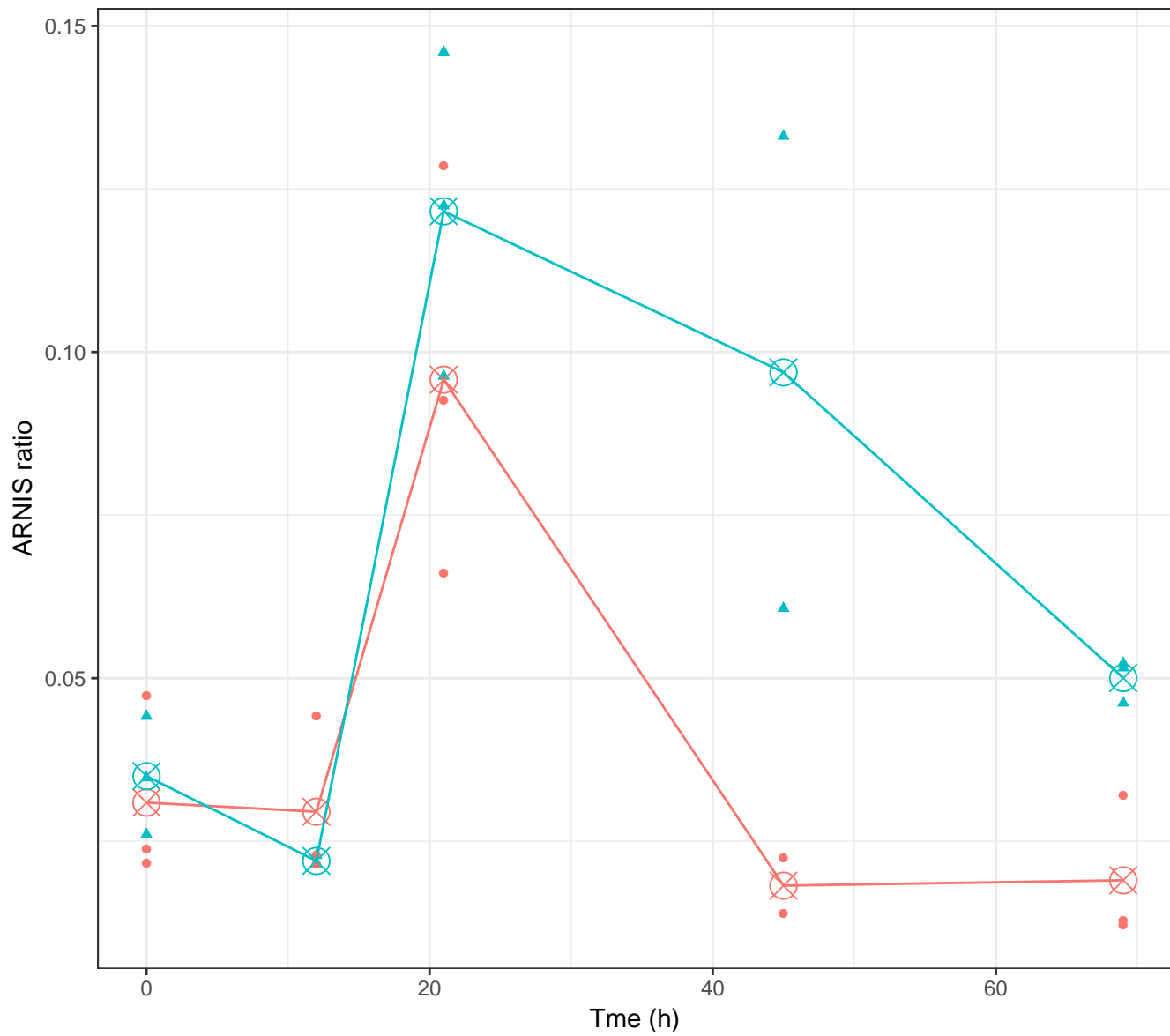


OTU.193_Verrucomicrobia_Opitutus



Treatment  Control  Filtered-1micron

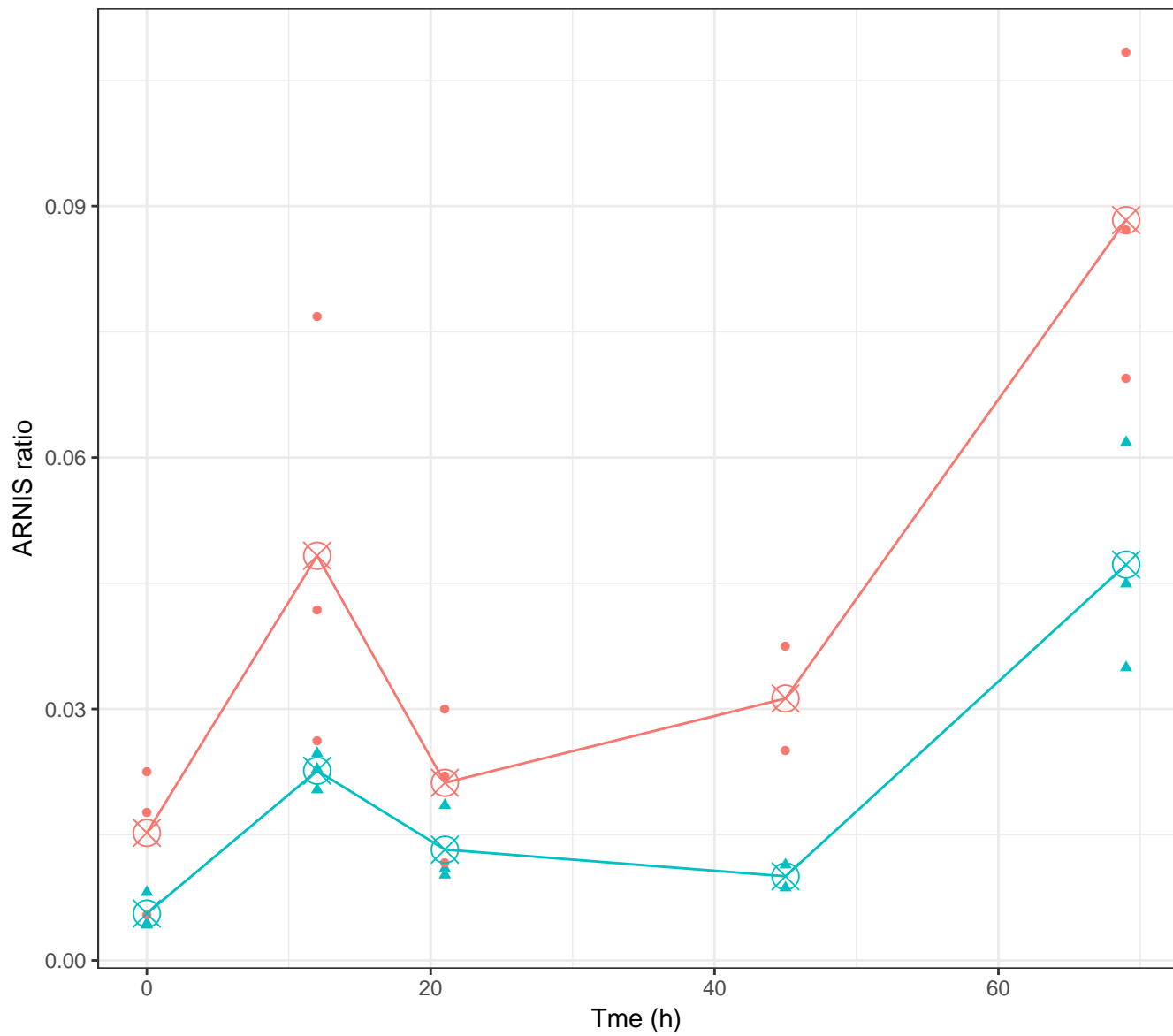
OTU.117_Bacteroidetes_Pedobacter

Treatment Control Filtered-1micron



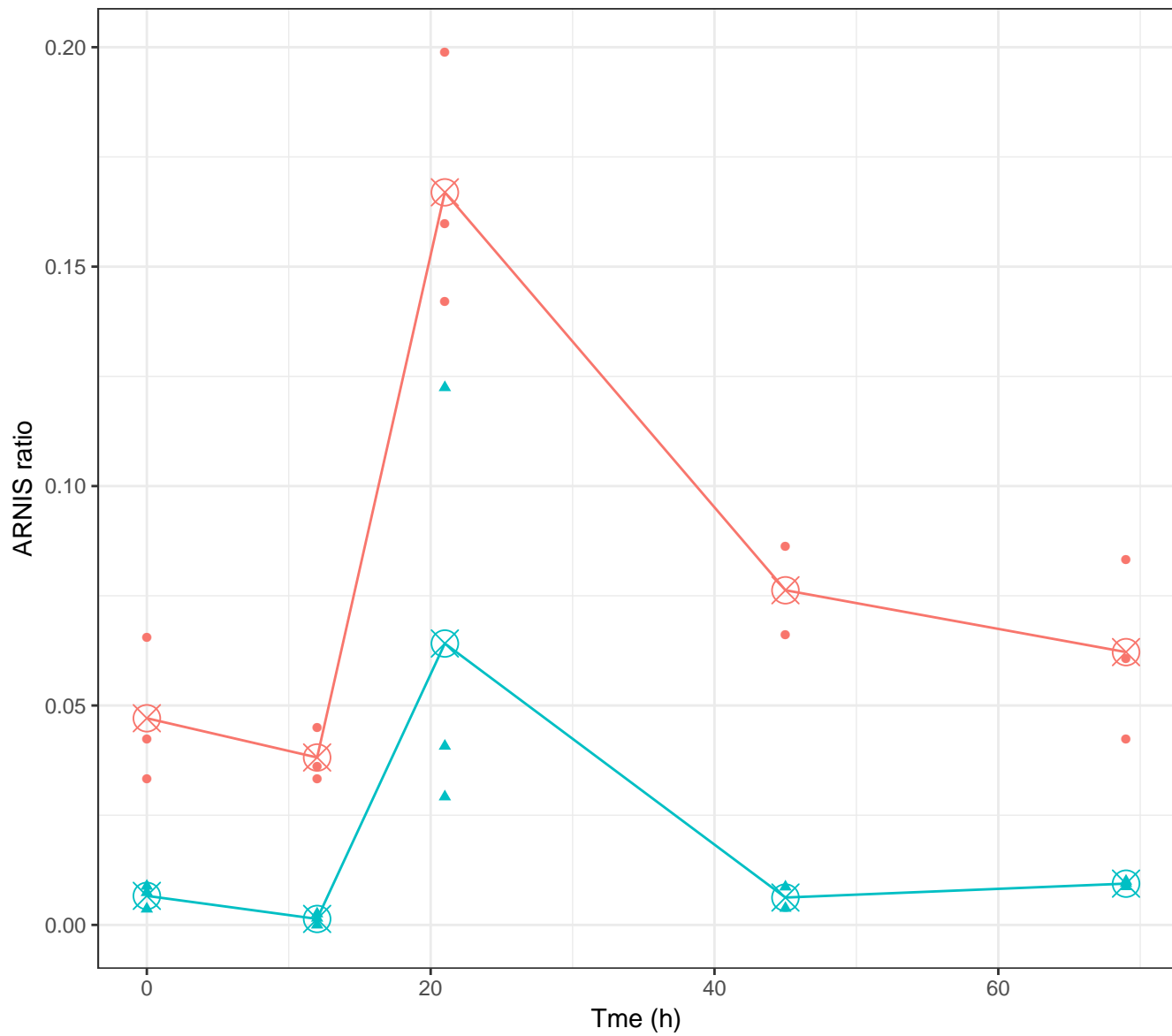
OTU.216_Alphaproteobacteria_Roseomonas

Treatment  Control  Filtered-1micron



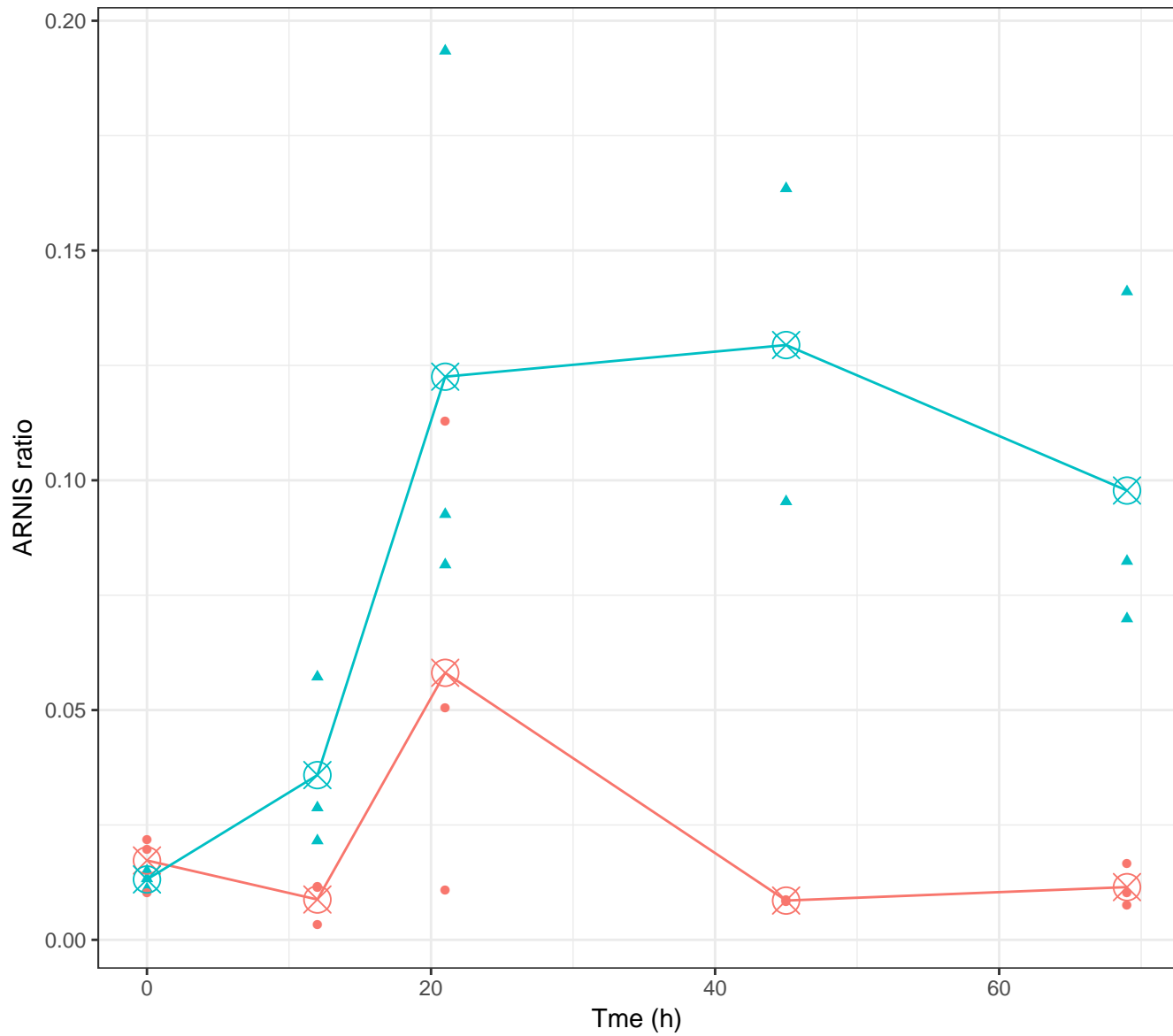
OTU.177_Planctomycetes_Pirellula

Treatment Control Filtered-1micron



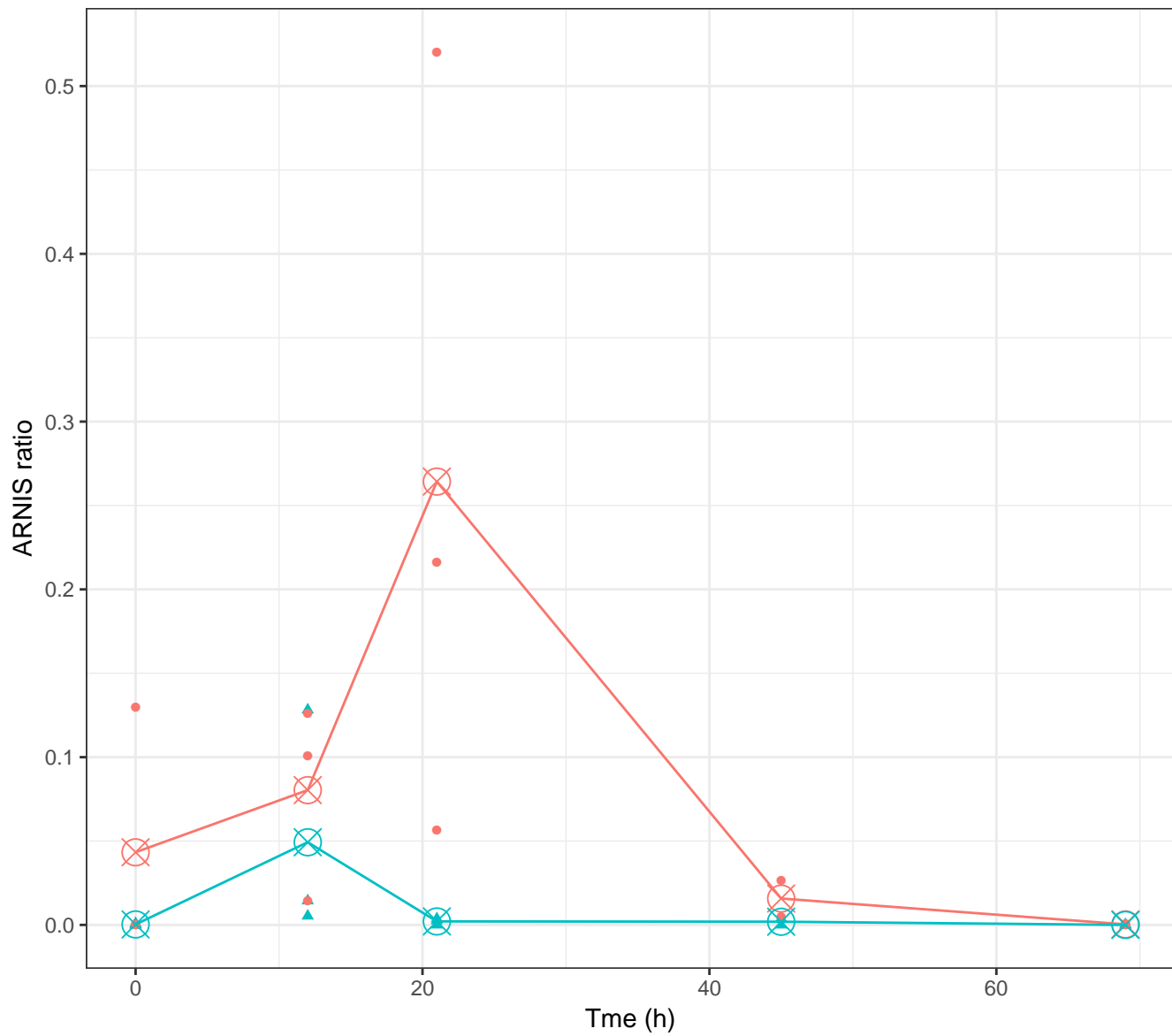
OTU.1270_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



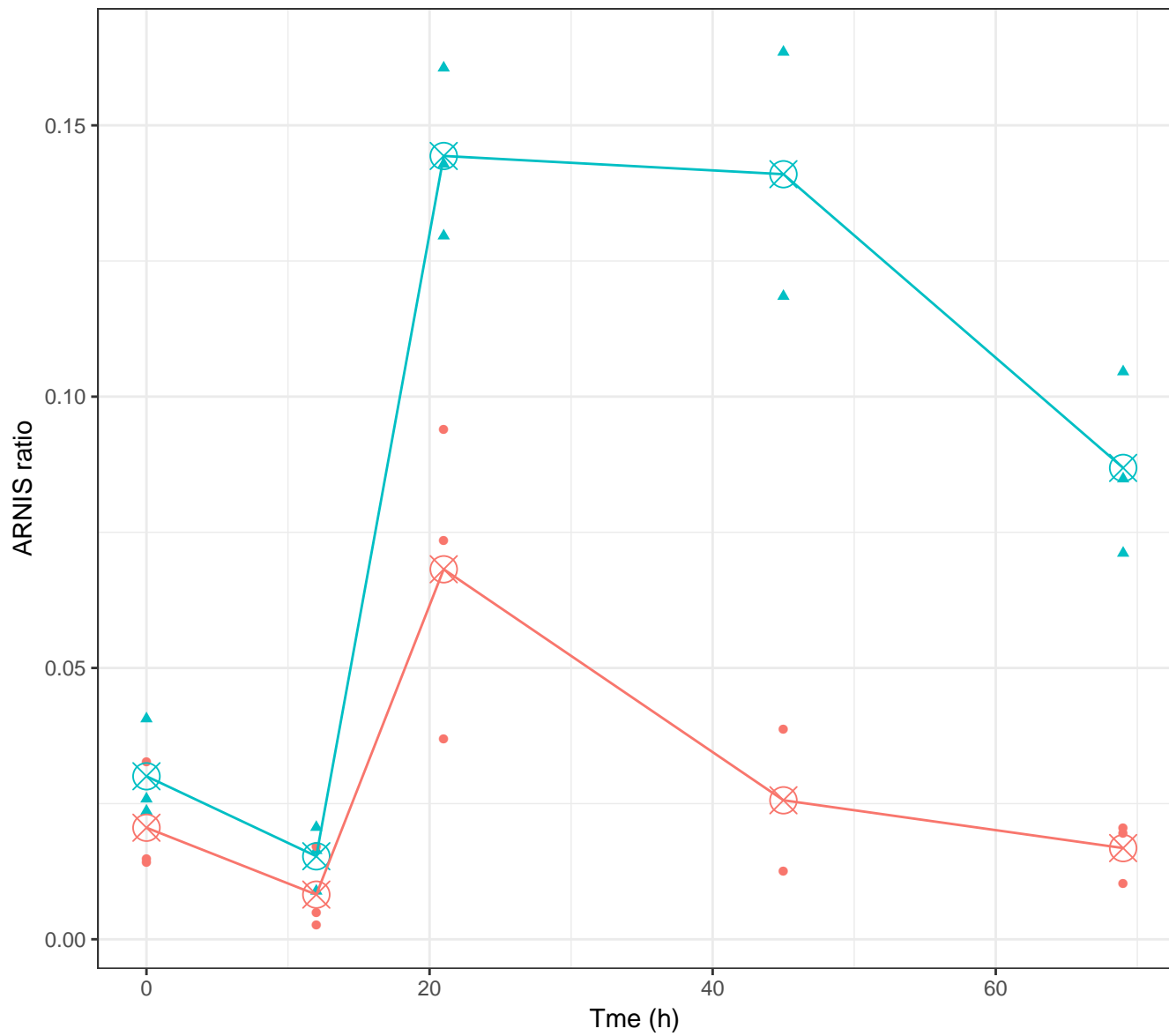
OTU.178_Actinobacteria_Propionibacterium

Treatment Control Filtered-1micron



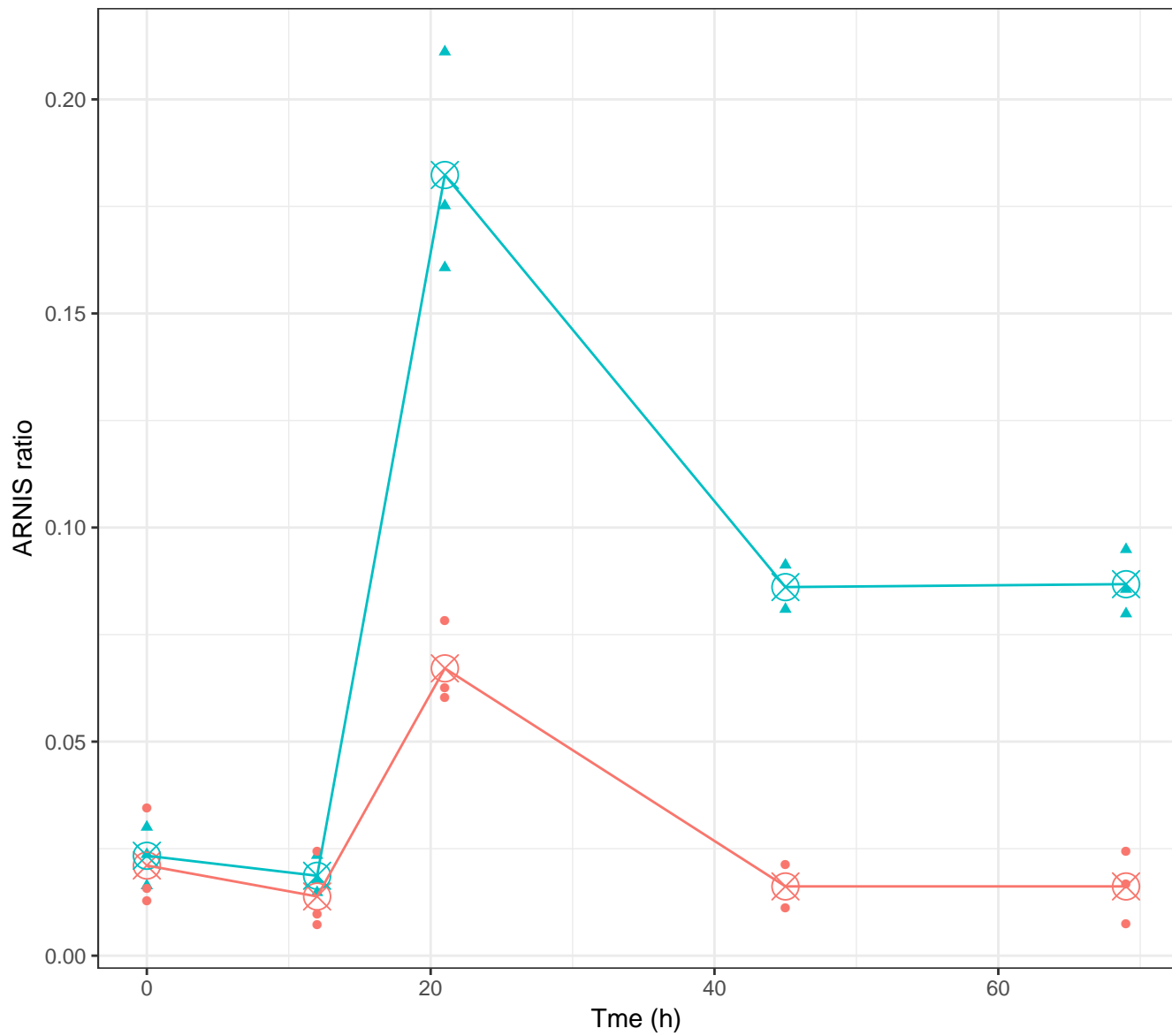
OTU.11_Bacteroidetes_Pseudarcicella

Treatment Control Filtered-1micron



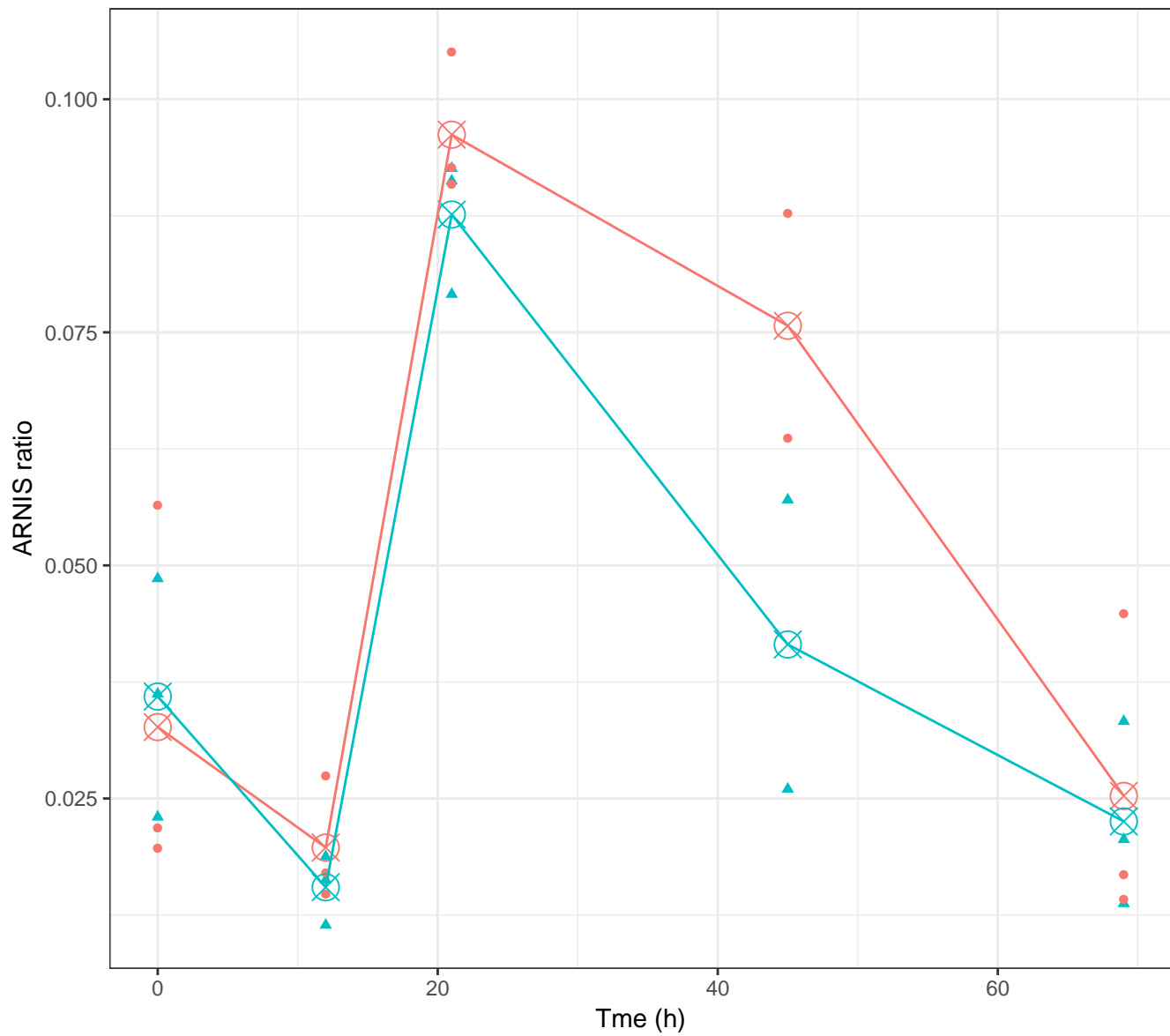
OTU.176_Bacteroidetes_Saprospiracea

Treatment Control Filtered-1micron



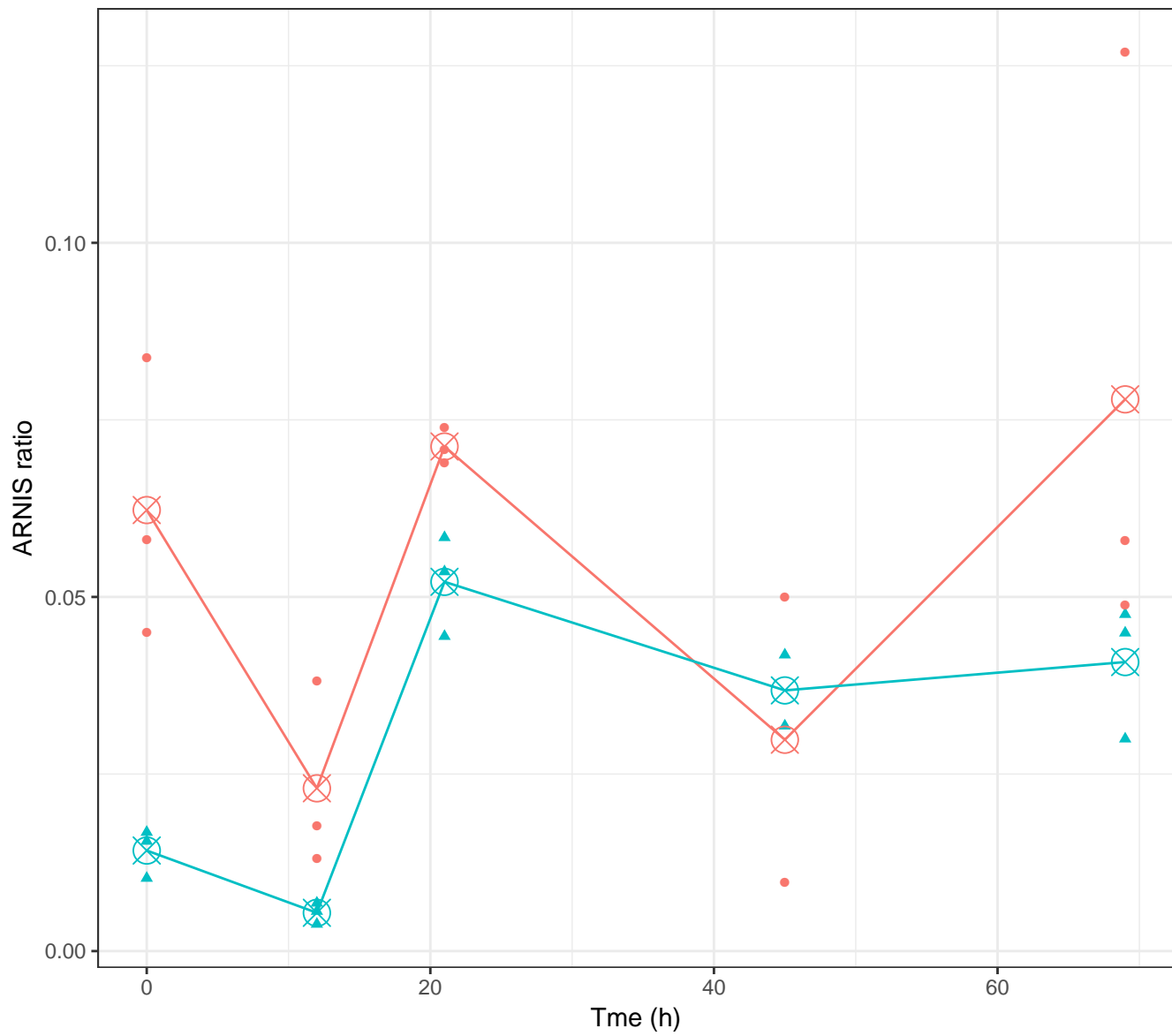
OTU.180_Bacteroidetes_Flavobacterium



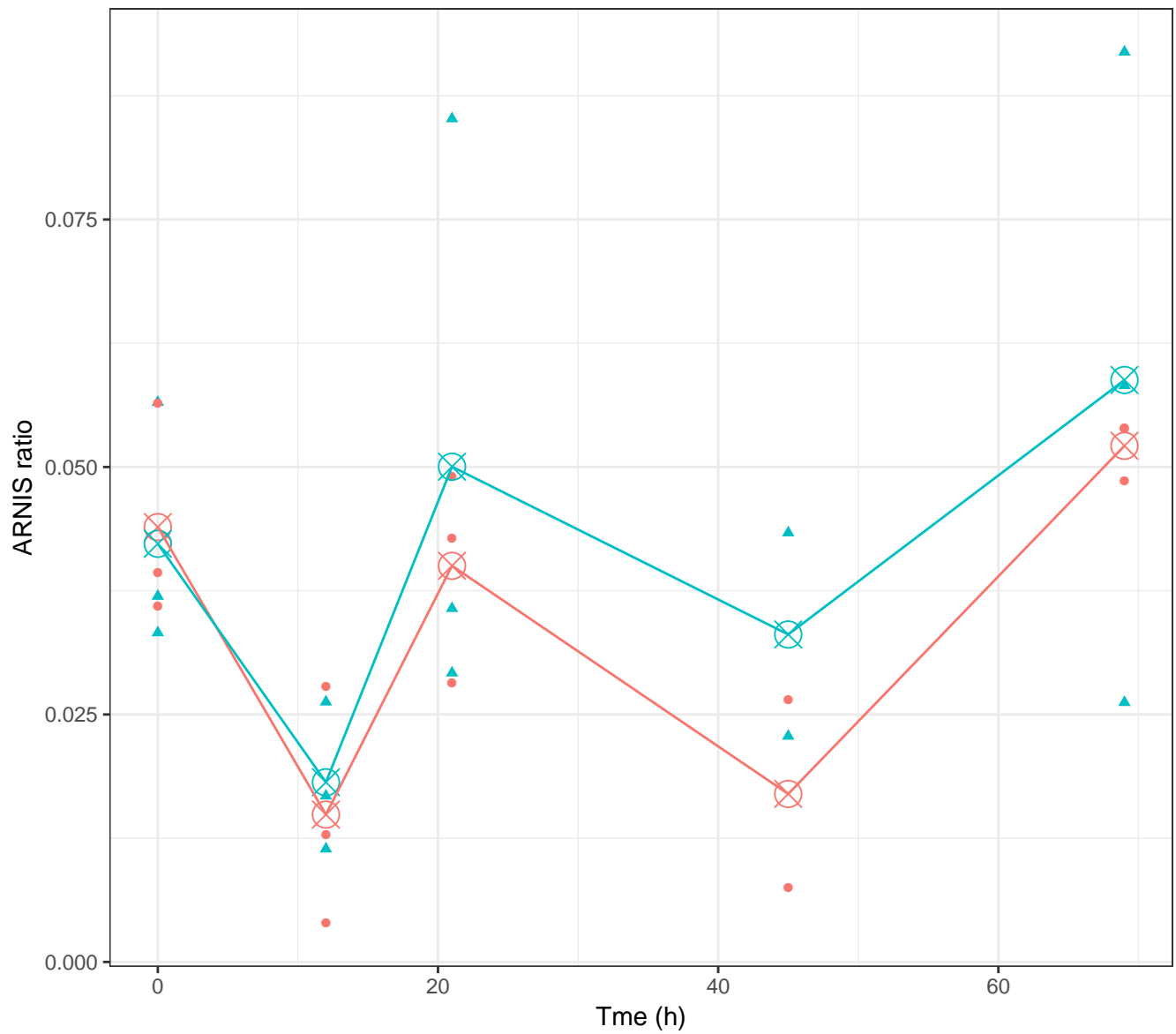
Treatment ⊗ Control ⊗ Filtered-1micron



OTU.179_Bacteroidetes_Cytophagaceae

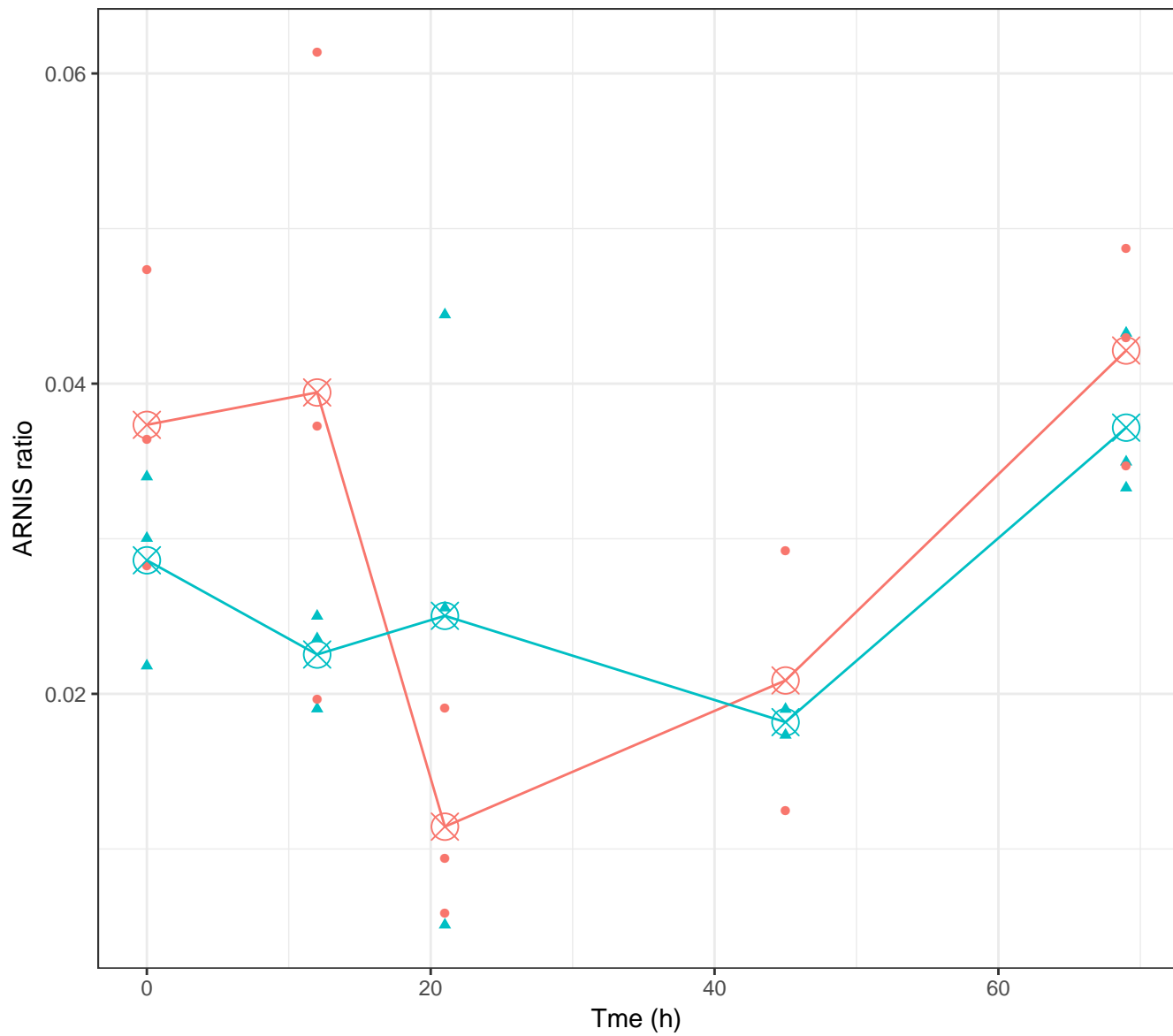
Treatment Control Filtered-1micron



Treatment  Control  Filtered-1micron

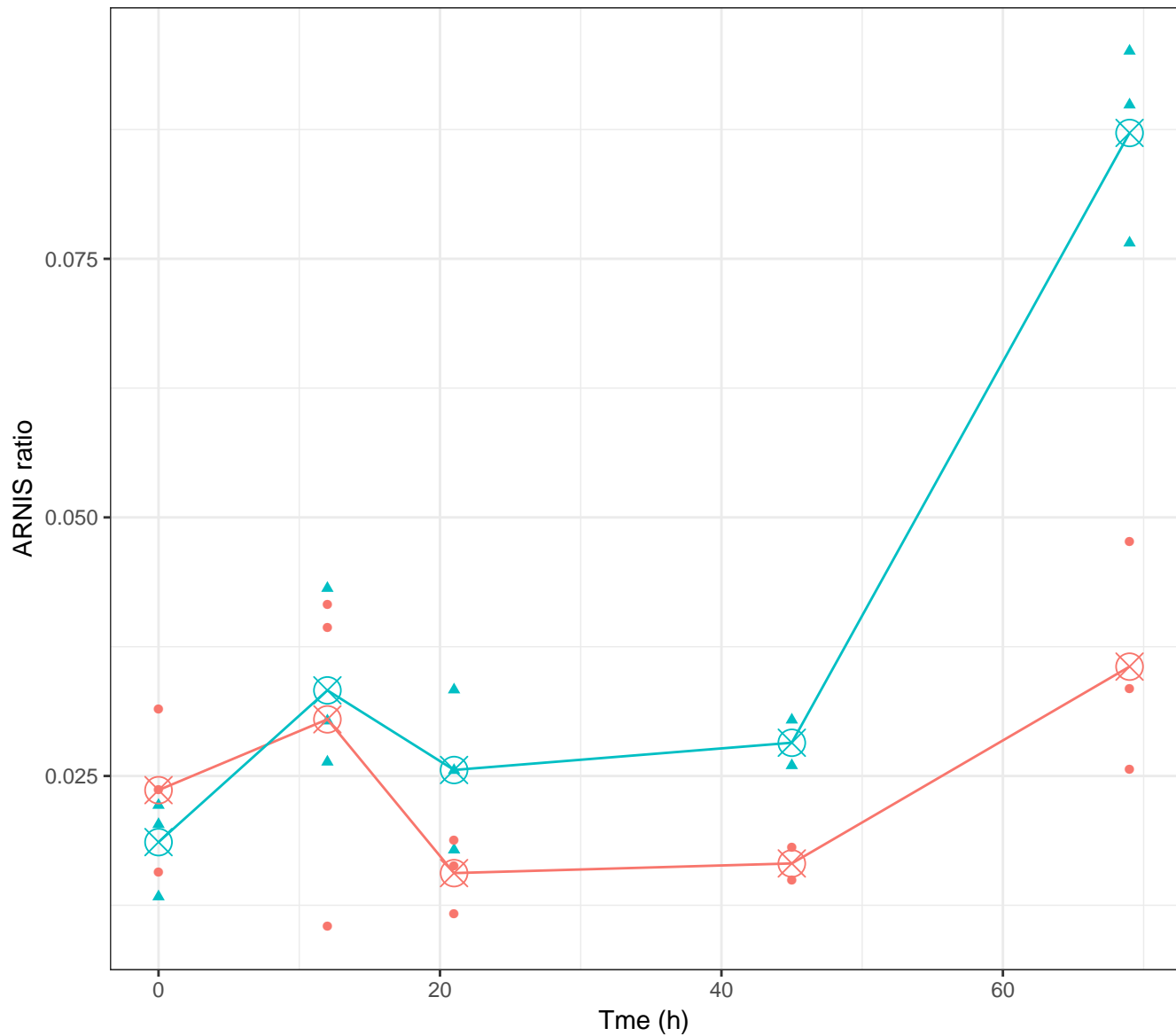
OTU.6322_Actinobacteria_CL500.29_marine_group.freshwater_acIV.C_clade

Treatment Control Filtered-1micron





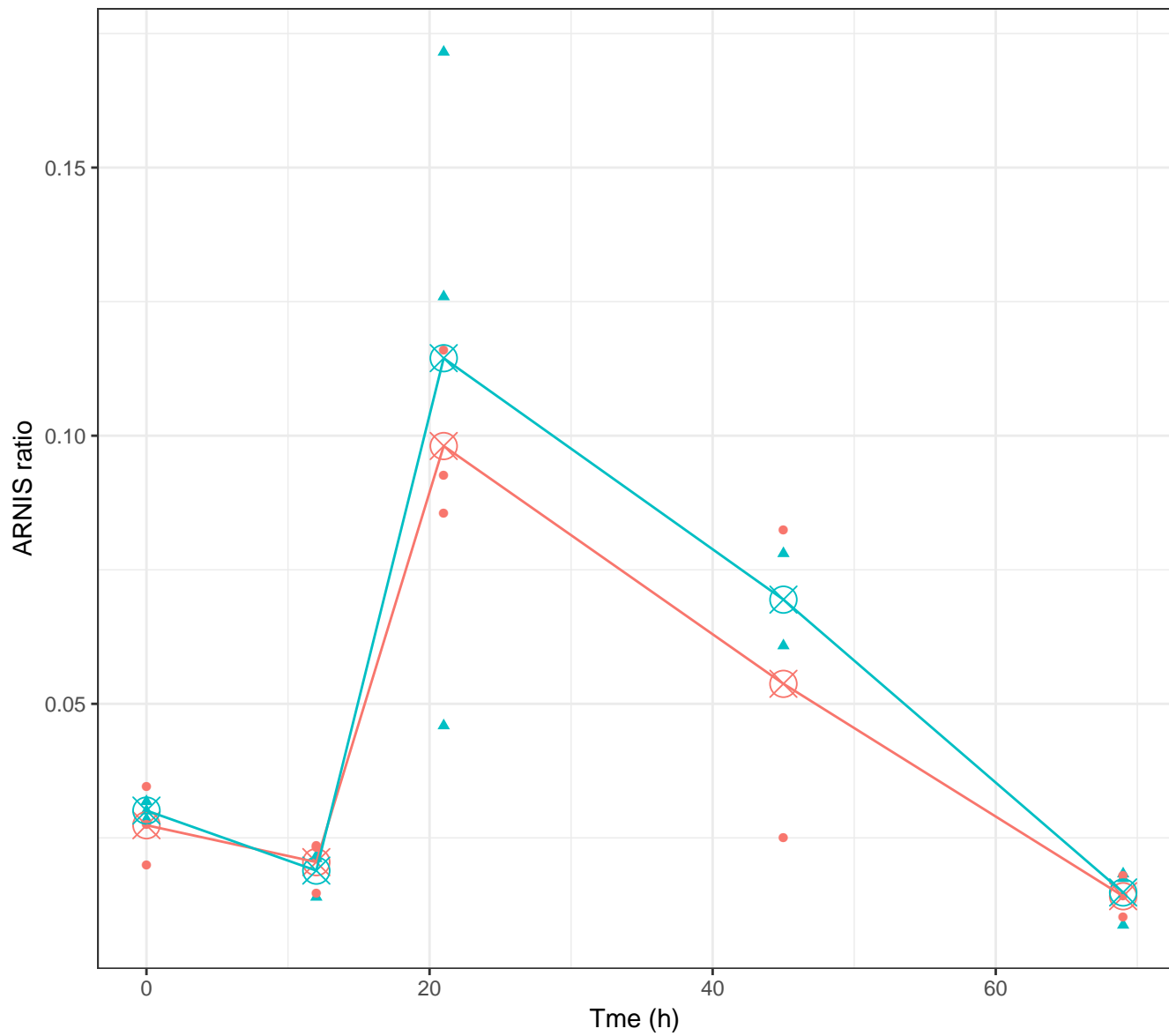
OTU.284_Alphaproteobacteria_Roseomonas

Treatment Control Filtered-1micron



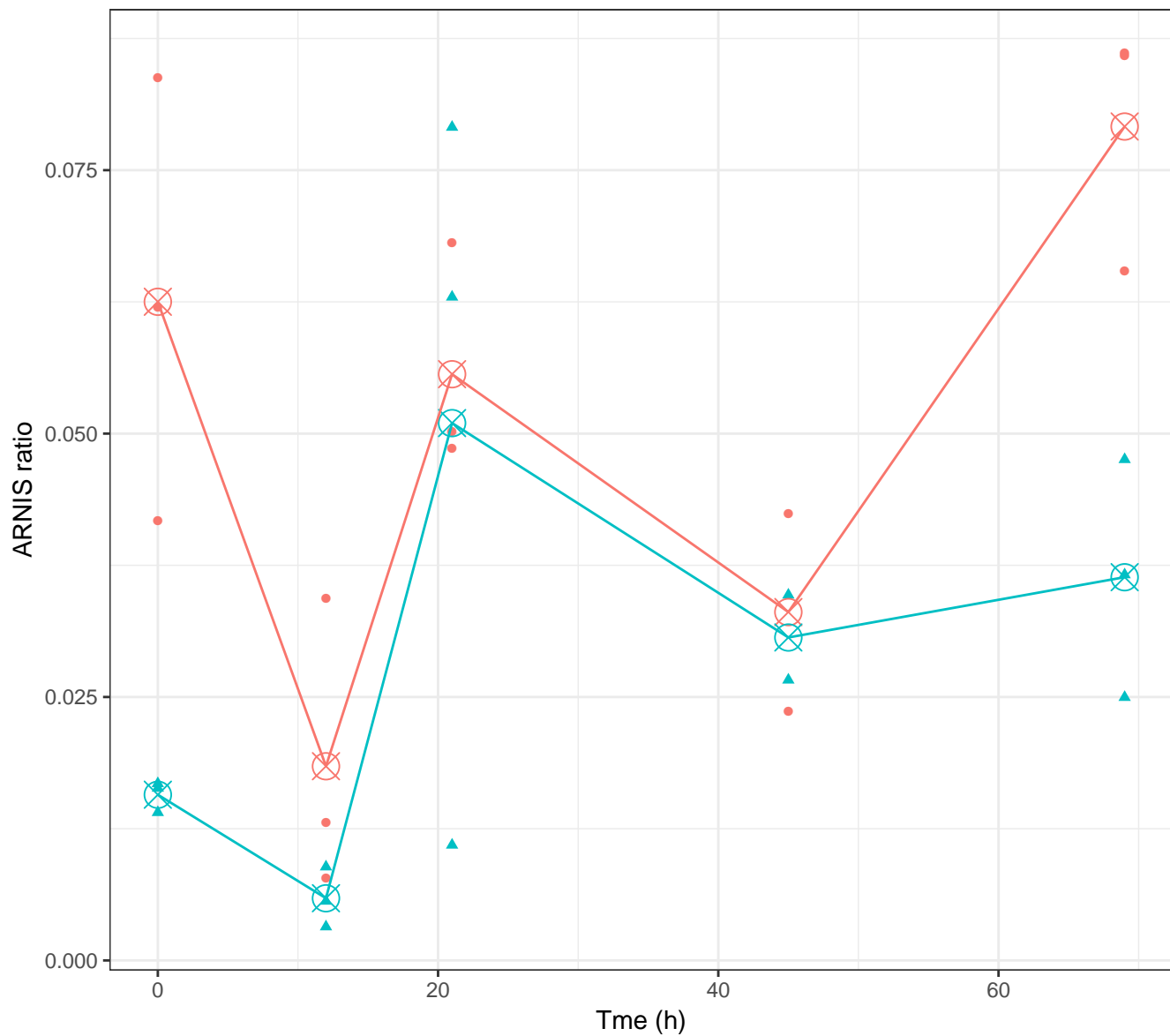
OTU.191_TM6

Treatment  Control  Filtered-1micron



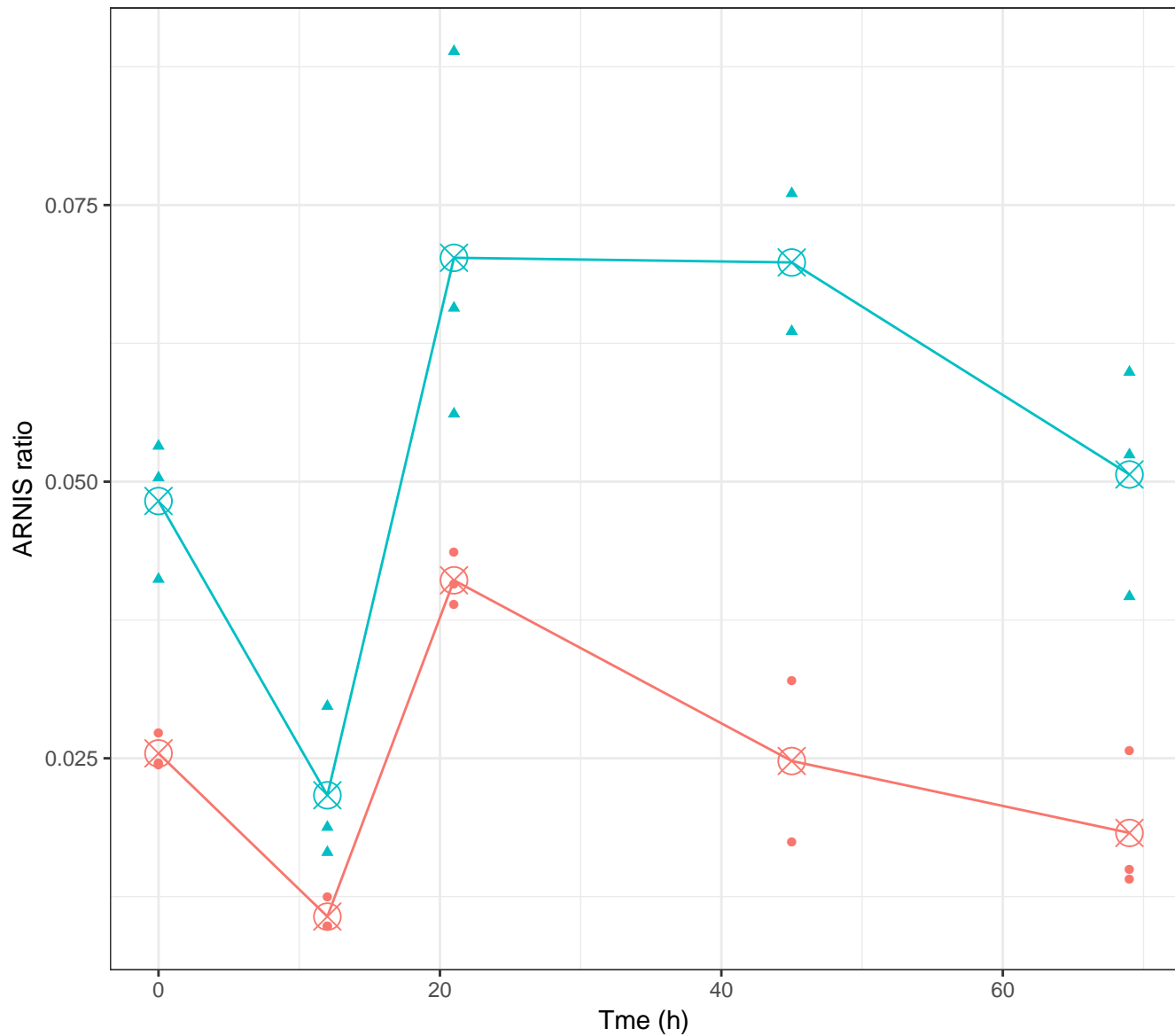
OTU.733_Verrucomicrobia_Prostheco bacter

Treatment ⊗ Control ⊗ Filtered-1micron



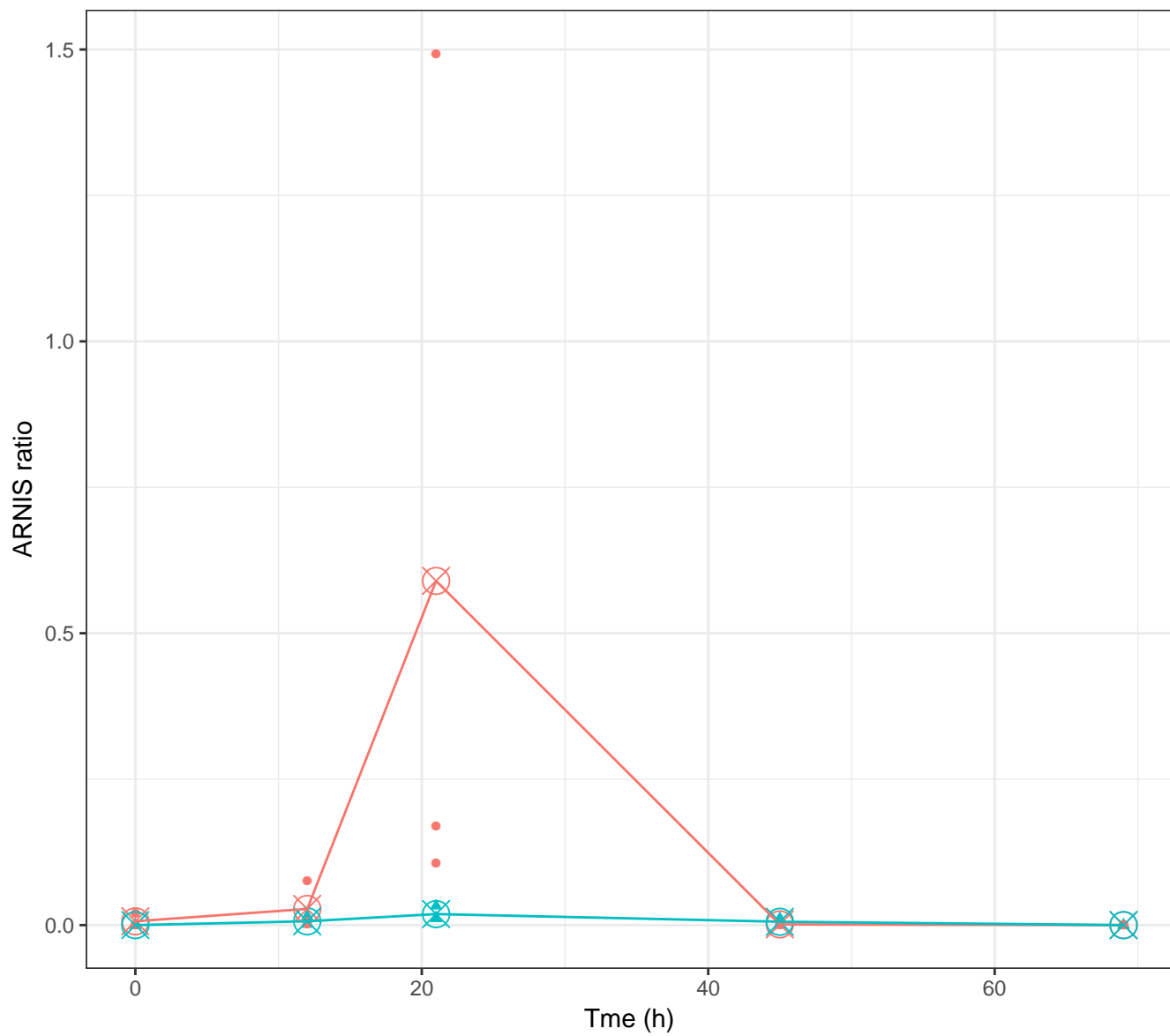
OTU.184_Bacteroidetes_NS11.12_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron





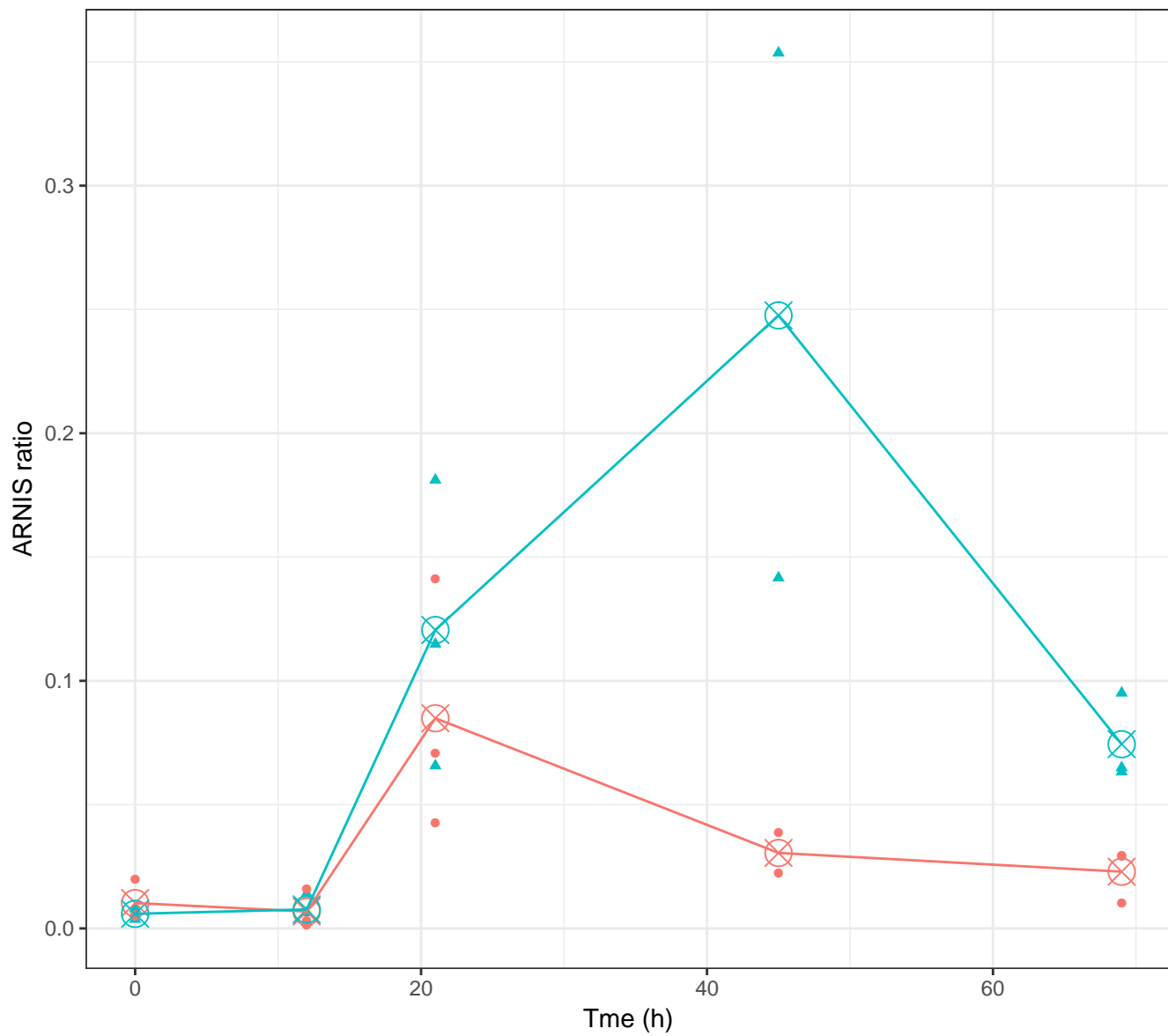
OTU.248_Alphaproteobacteria_Rhodobaca

Treatment Control Filtered-1micron



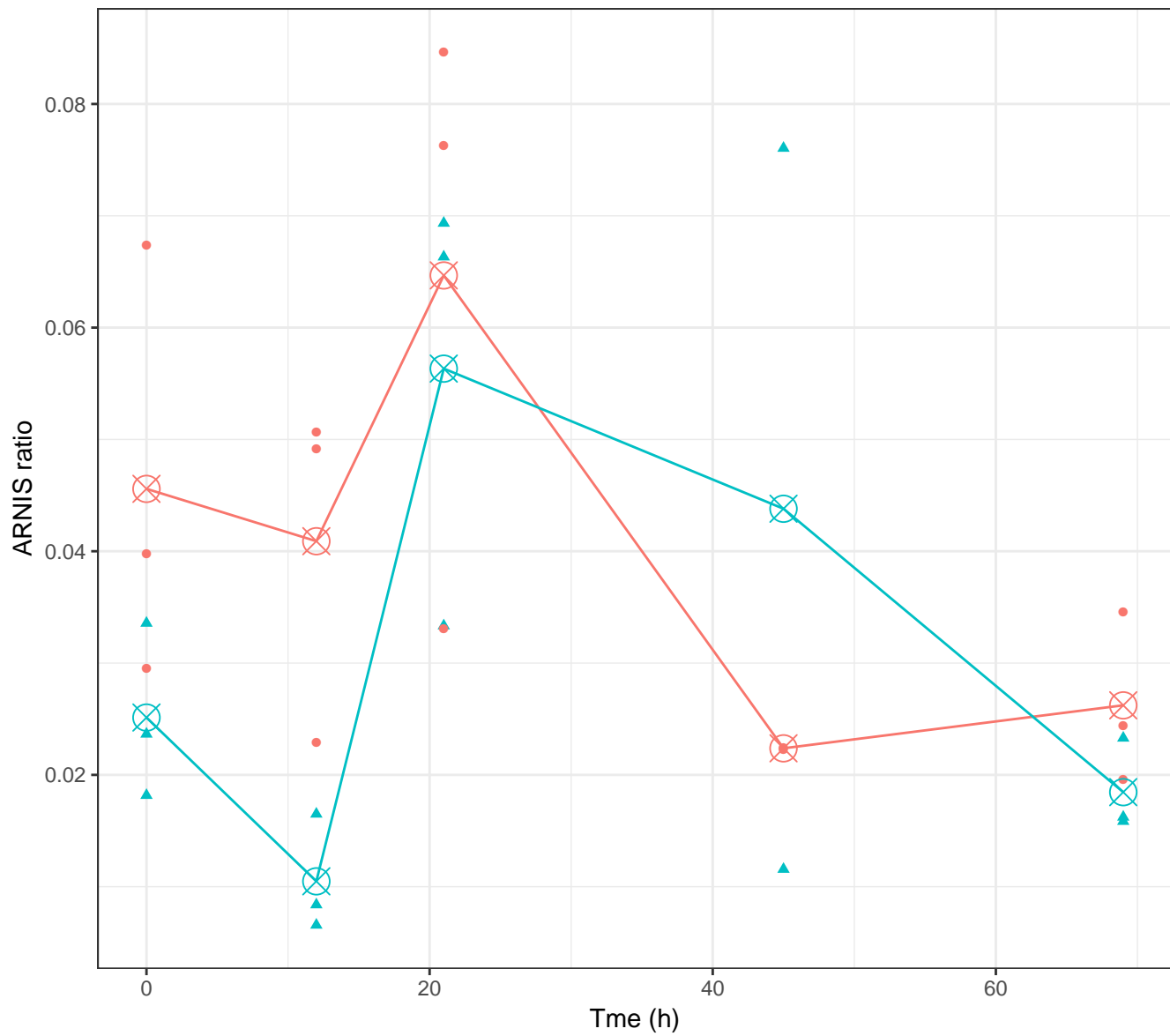
OTU.197_Bacteroidetes_Emticia

Treatment  Control  Filtered-1micron



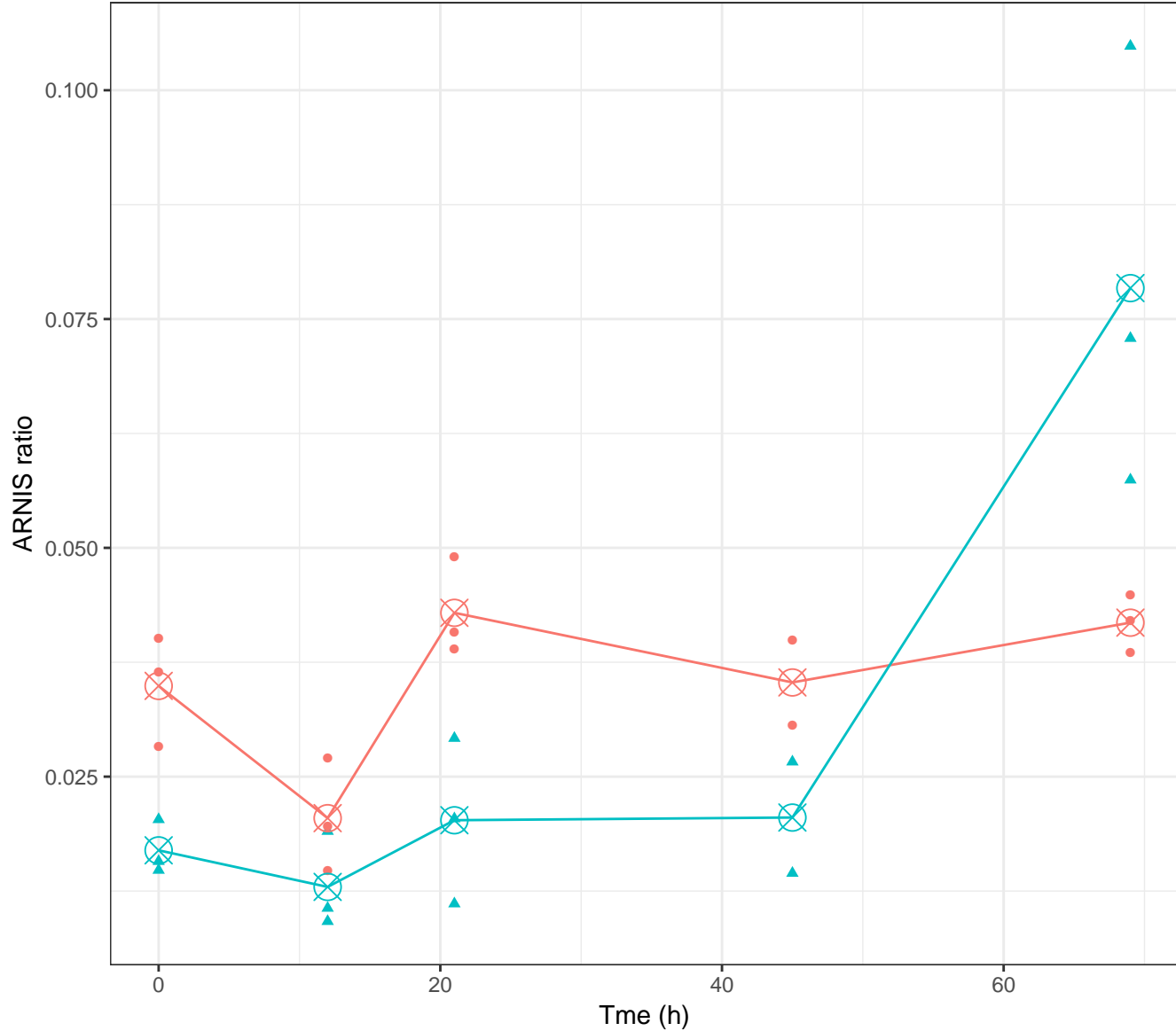
OTU.194_Chlorobi_OPB56

Treatment ⊗ Control ▲ Filtered-1micron



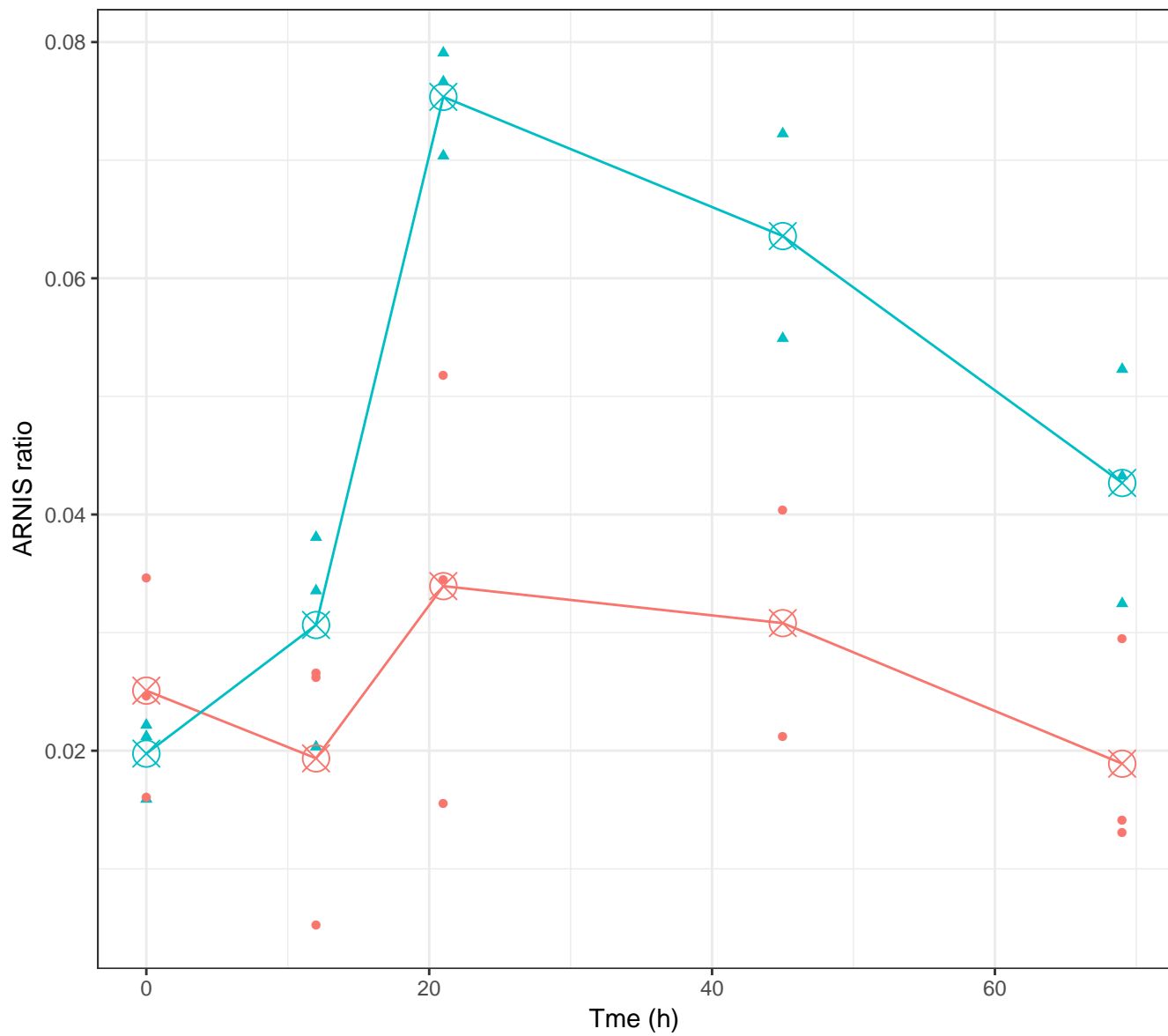
OTU.1749_Verrucomicrobia_OPB35_soil_group

Treatment ⊗ Control ⊗ Filtered-1micron



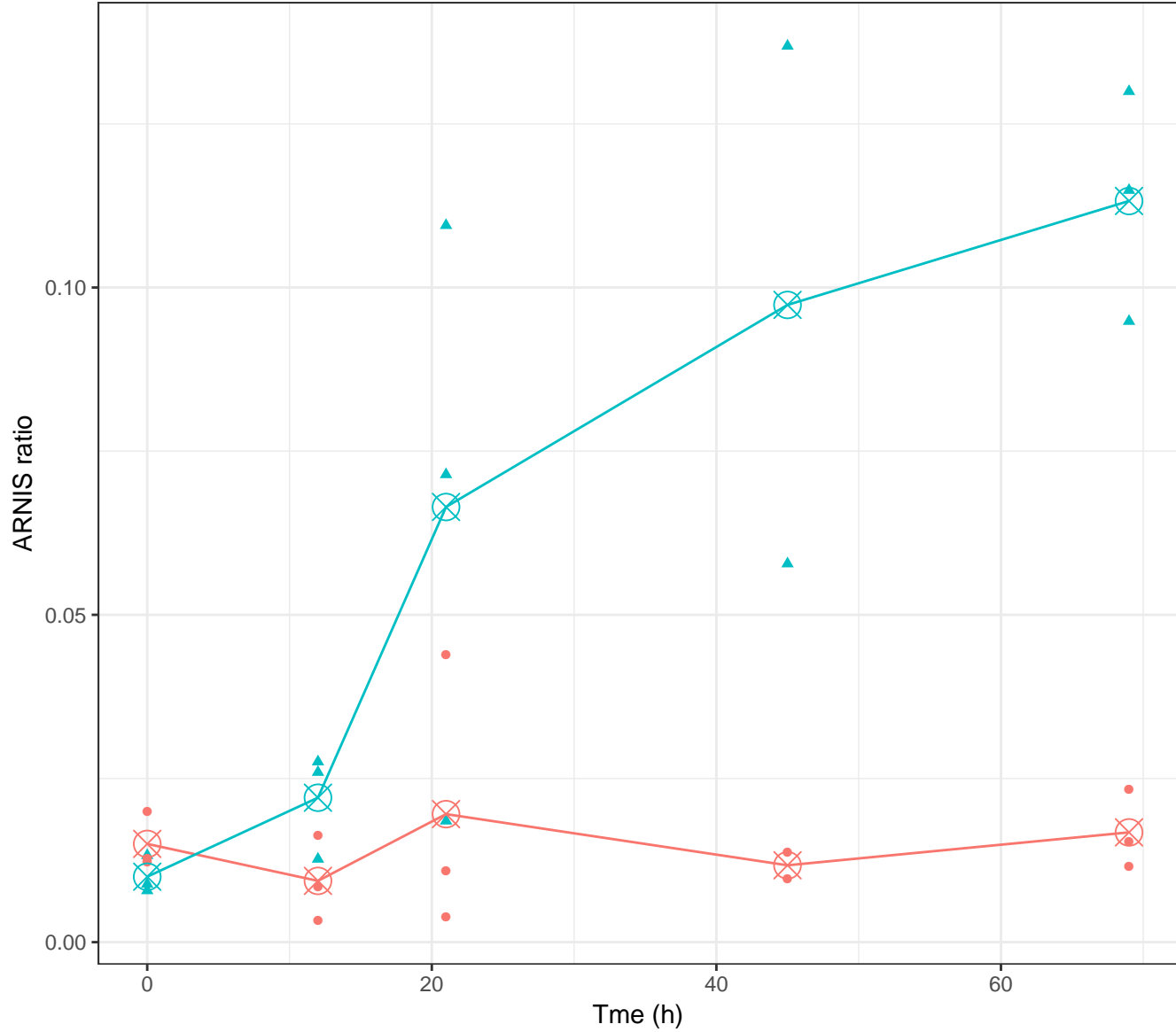
OTU.19_Actinobacteria_clade_acl.B2.4

Treatment ⊗ Control ⊗ Filtered-1micron



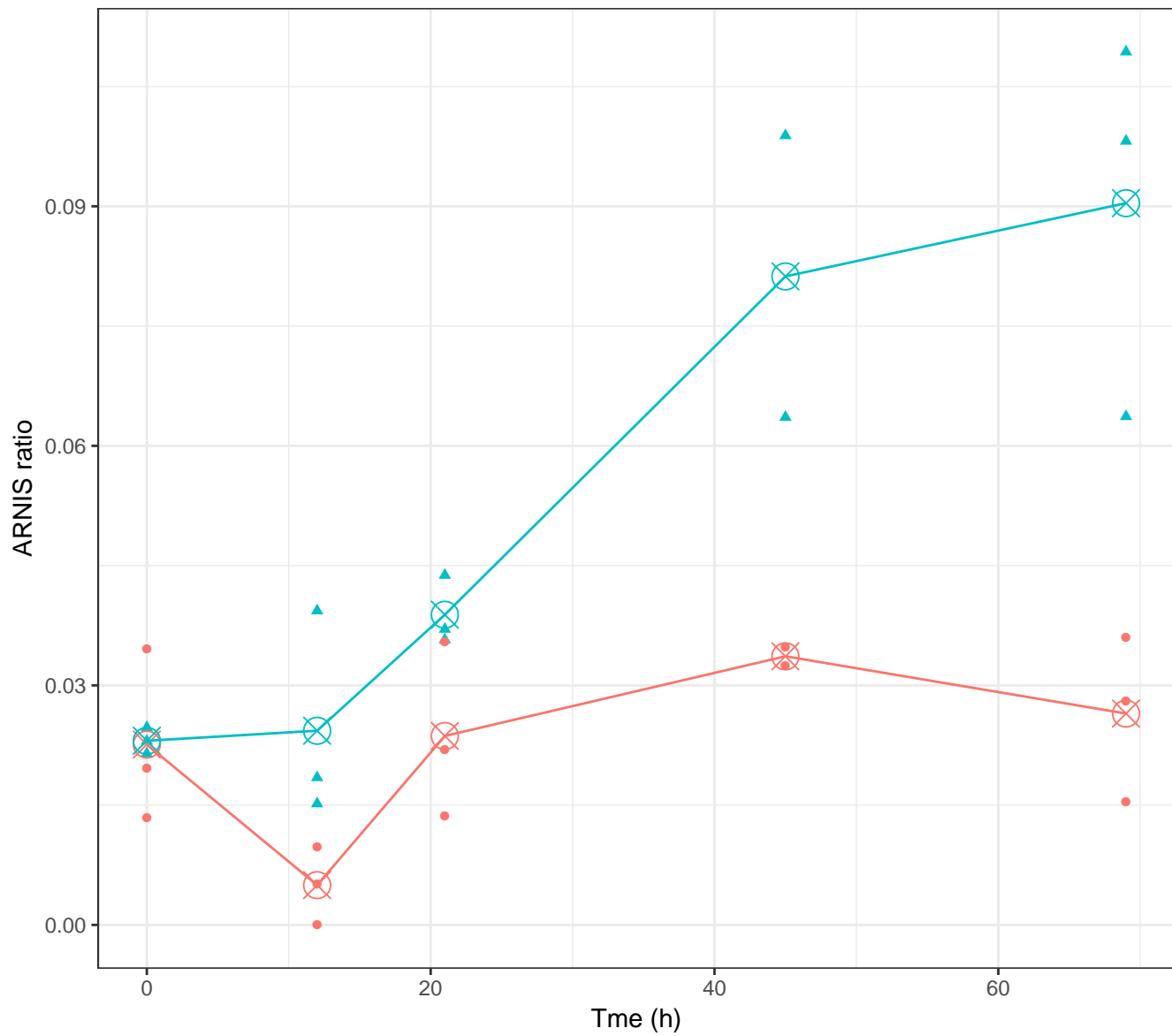
OTU.50_Alphaproteobacteria_Sphingopyxis

Treatment Control Filtered-1micron



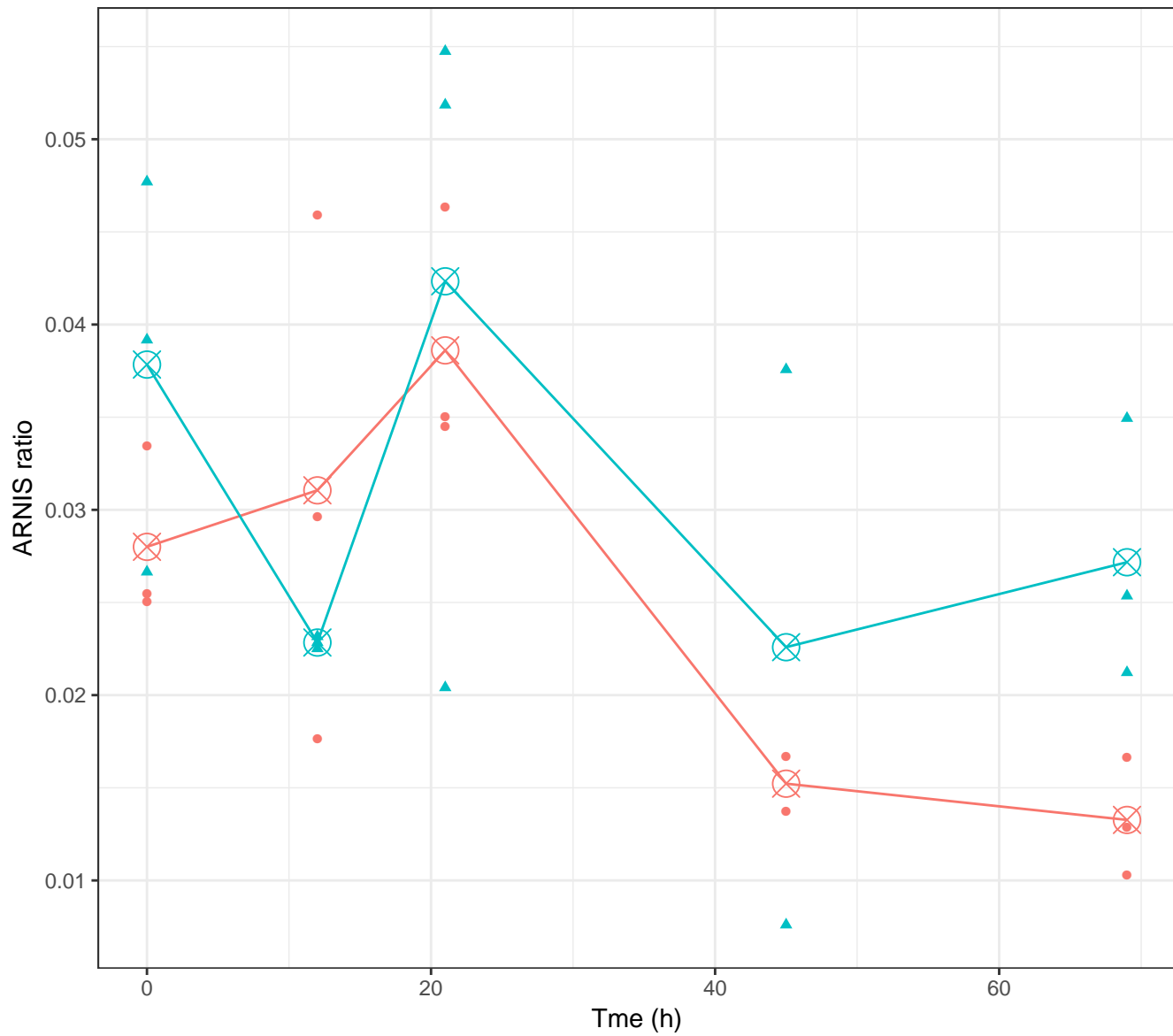
OTU.245_Gammaproteobacteria_Pseudospirillum

Treatment ⊗ Control ⊗ Filtered-1micron



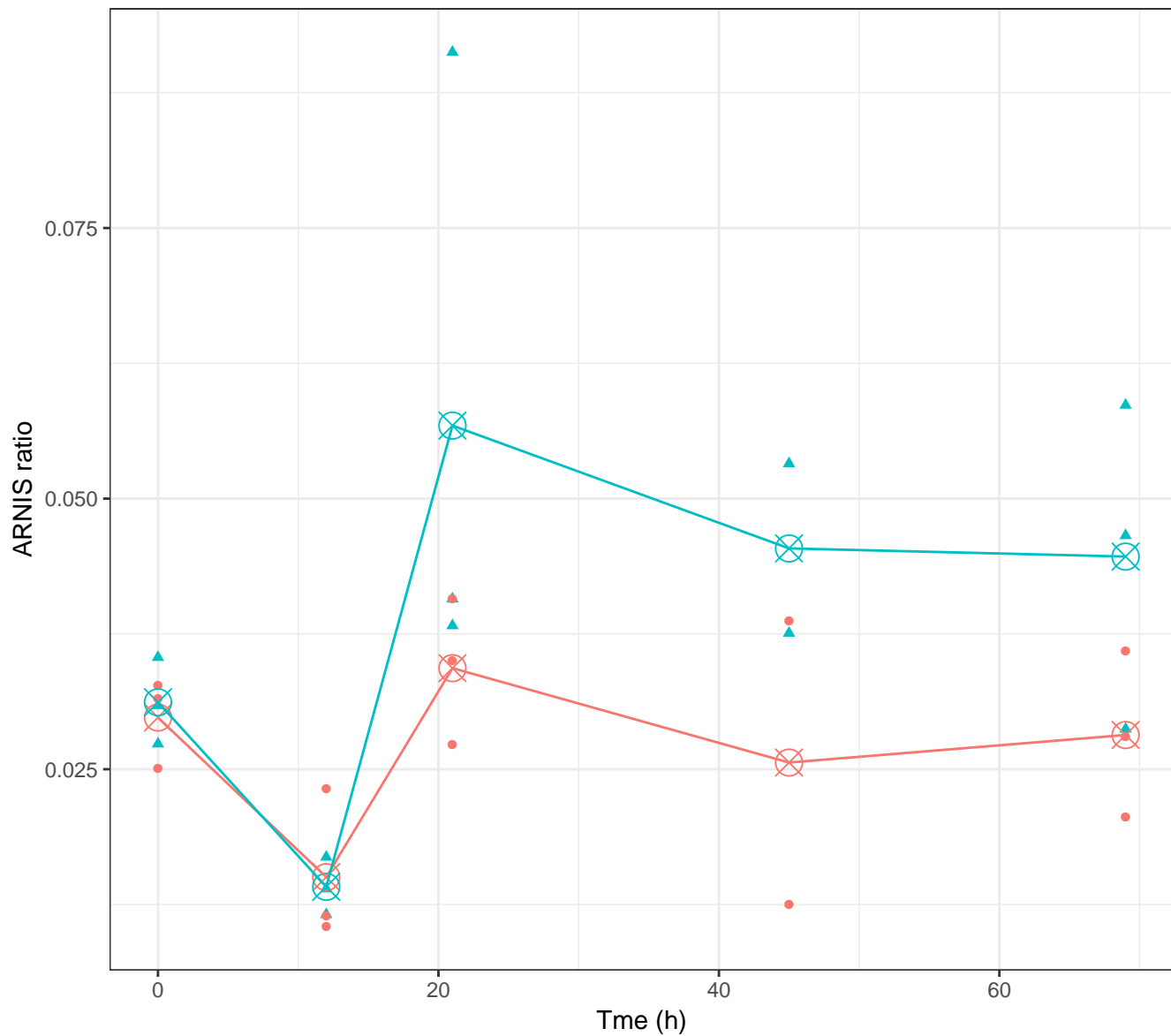
OTU.209_Bacteroidetes_NS11.12_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



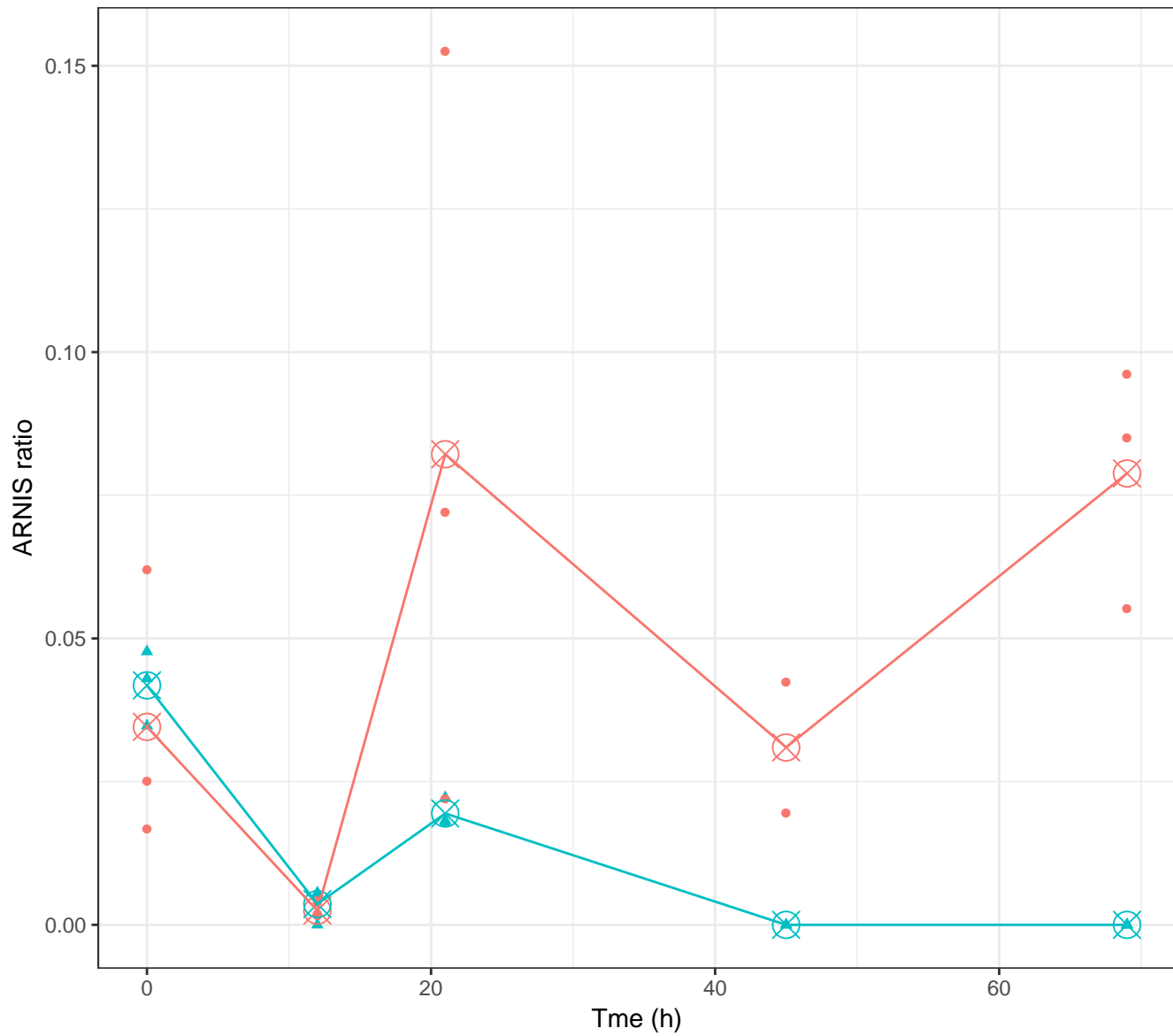
OTU.230_Verrucomicrobia_Brevifollis

Treatment ⊗ Control ⊗ Filtered-1micron



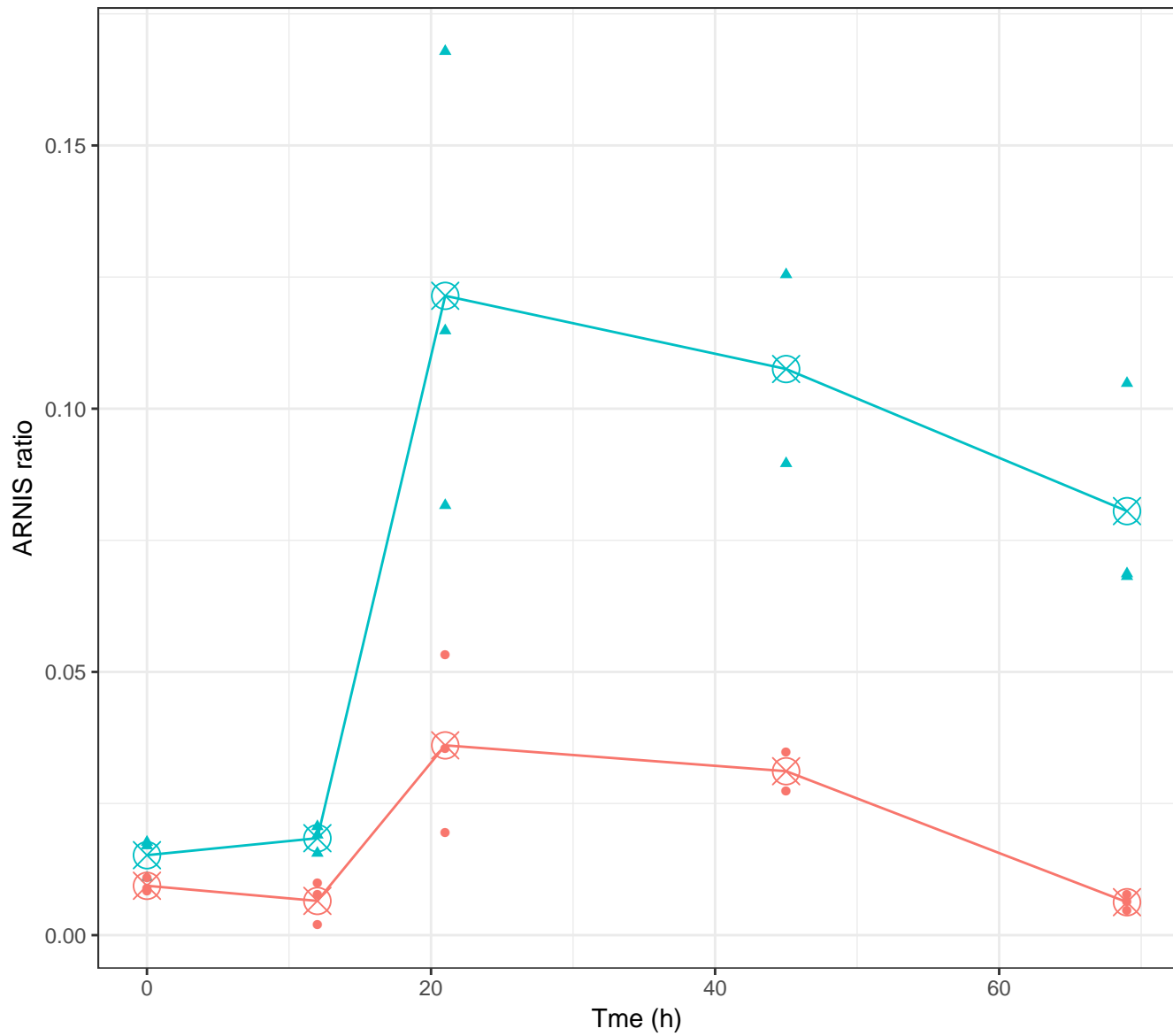
OTU.195_Alphaproteobacteria_CandidatusCaptivus

Treatment Control Filtered-1micron



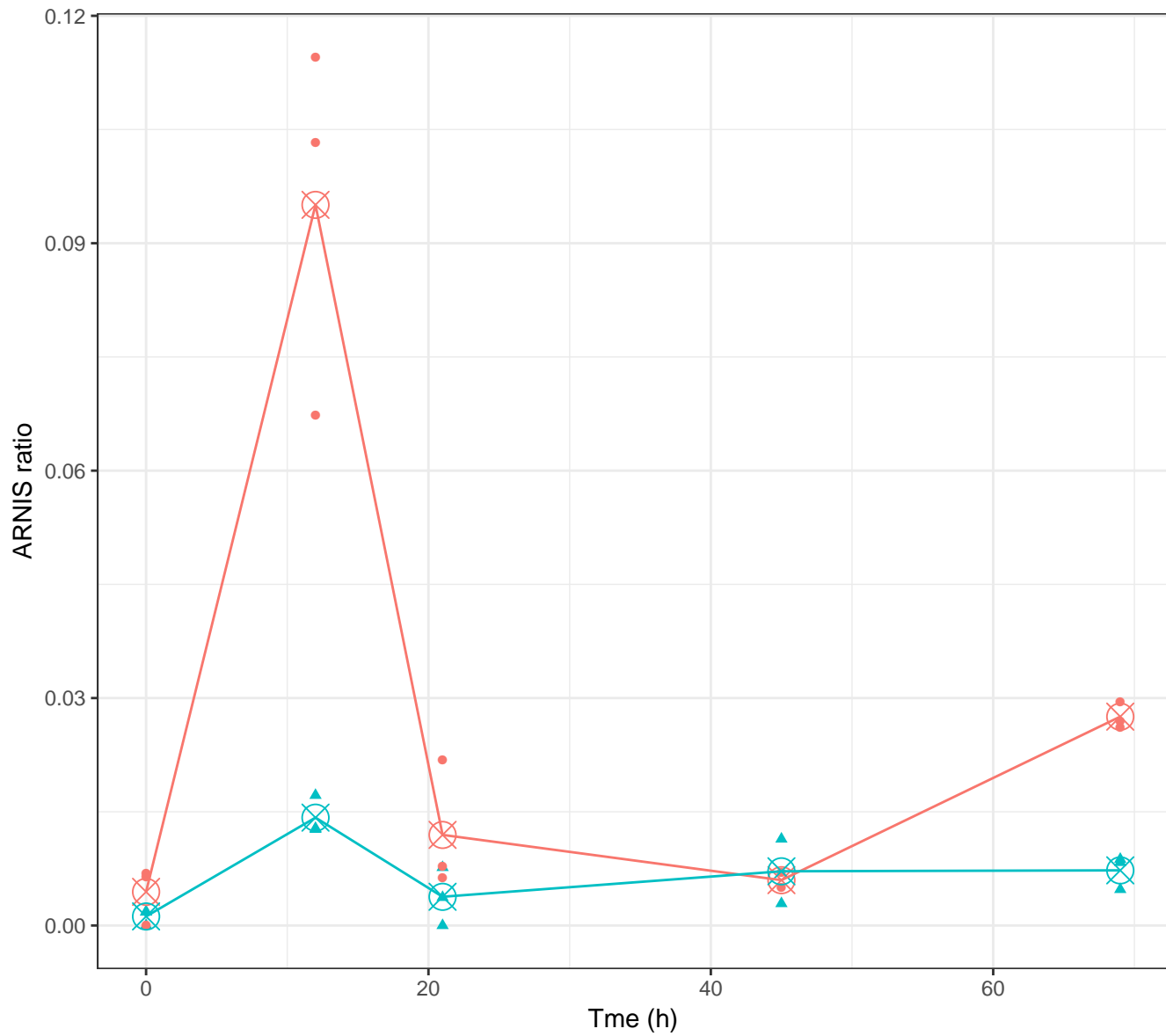
OTU.210_Bacteroidetes_NS11.12_marine_group

Treatment Control Filtered-1micron



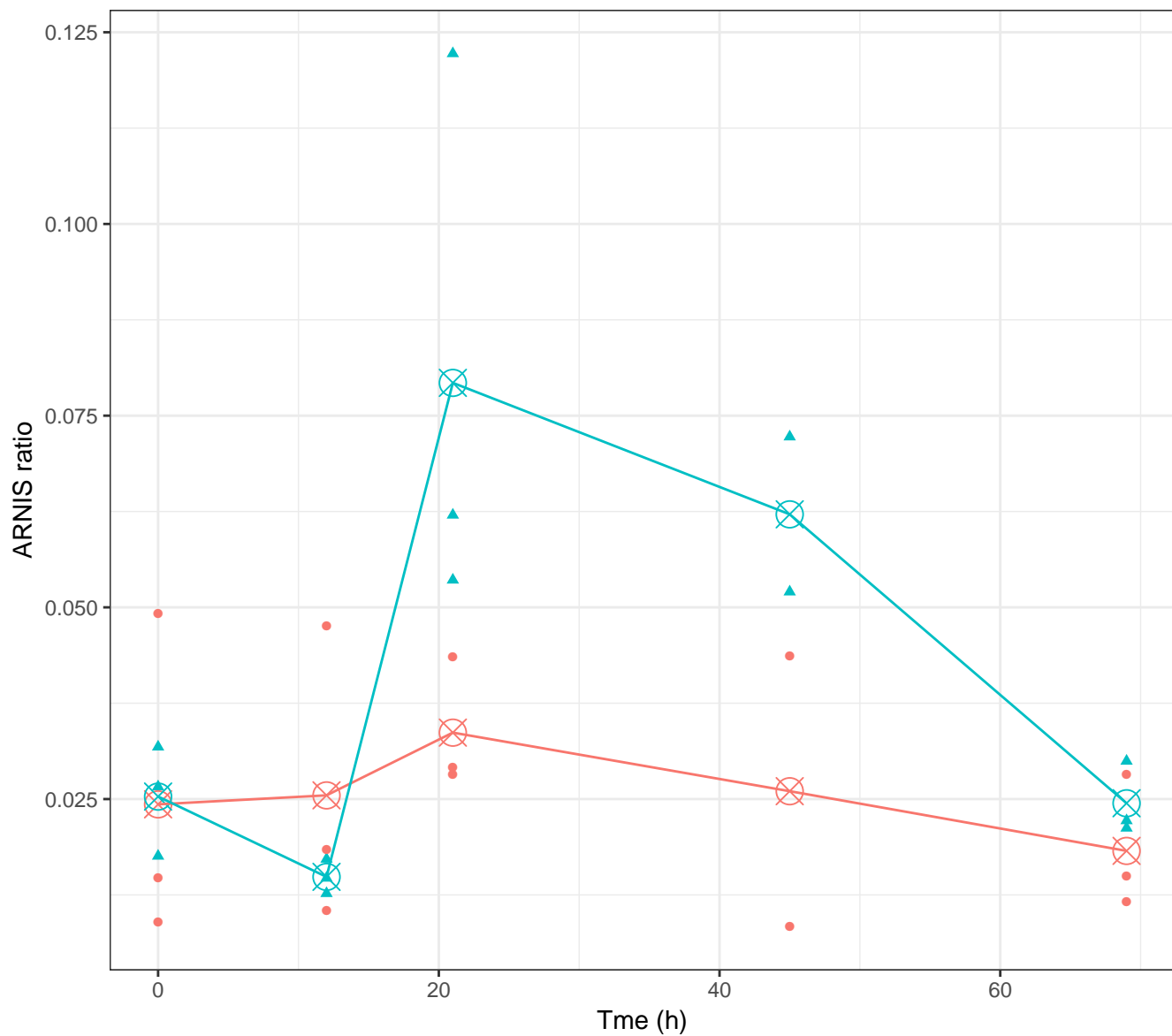
OTU.213_Alphaproteobacteria_Brevundimonas

Treatment Control Filtered-1micron



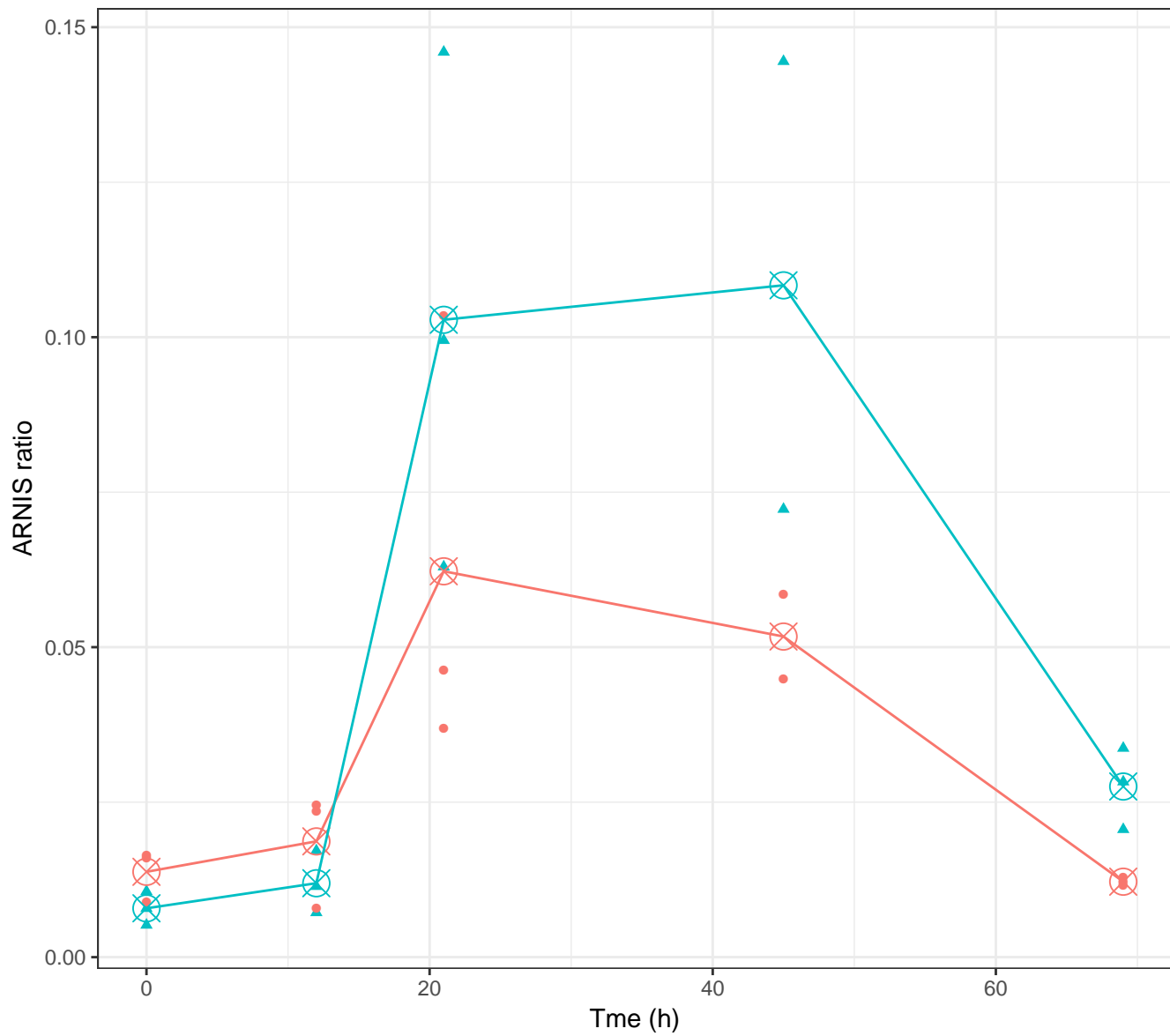
OTU.21_Betaproteobacteria_Kerstesia

Treatment Control Filtered-1micron



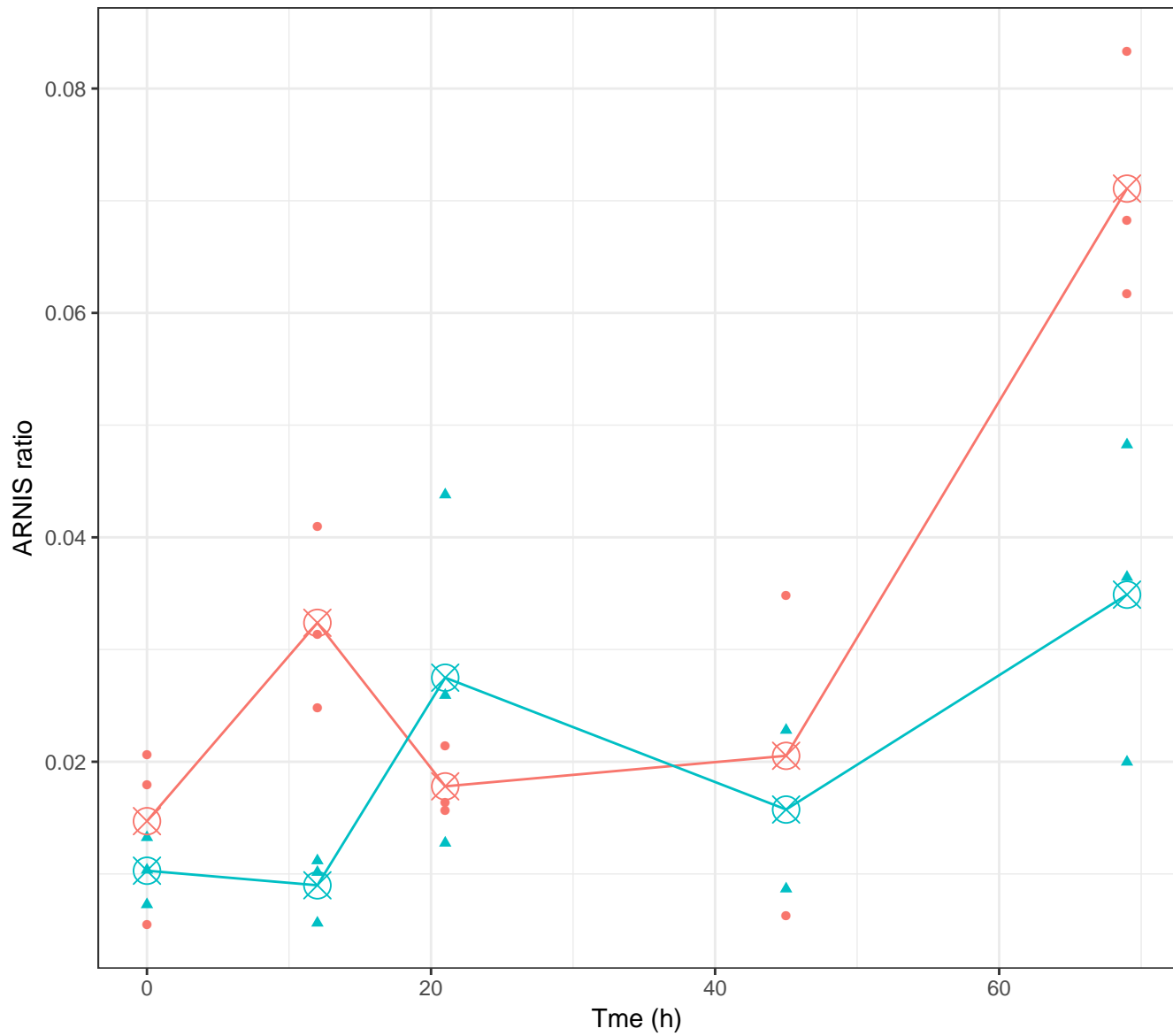
OTU.233_Bacteroidetes_Flavobacterium

Treatment Control Filtered-1micron



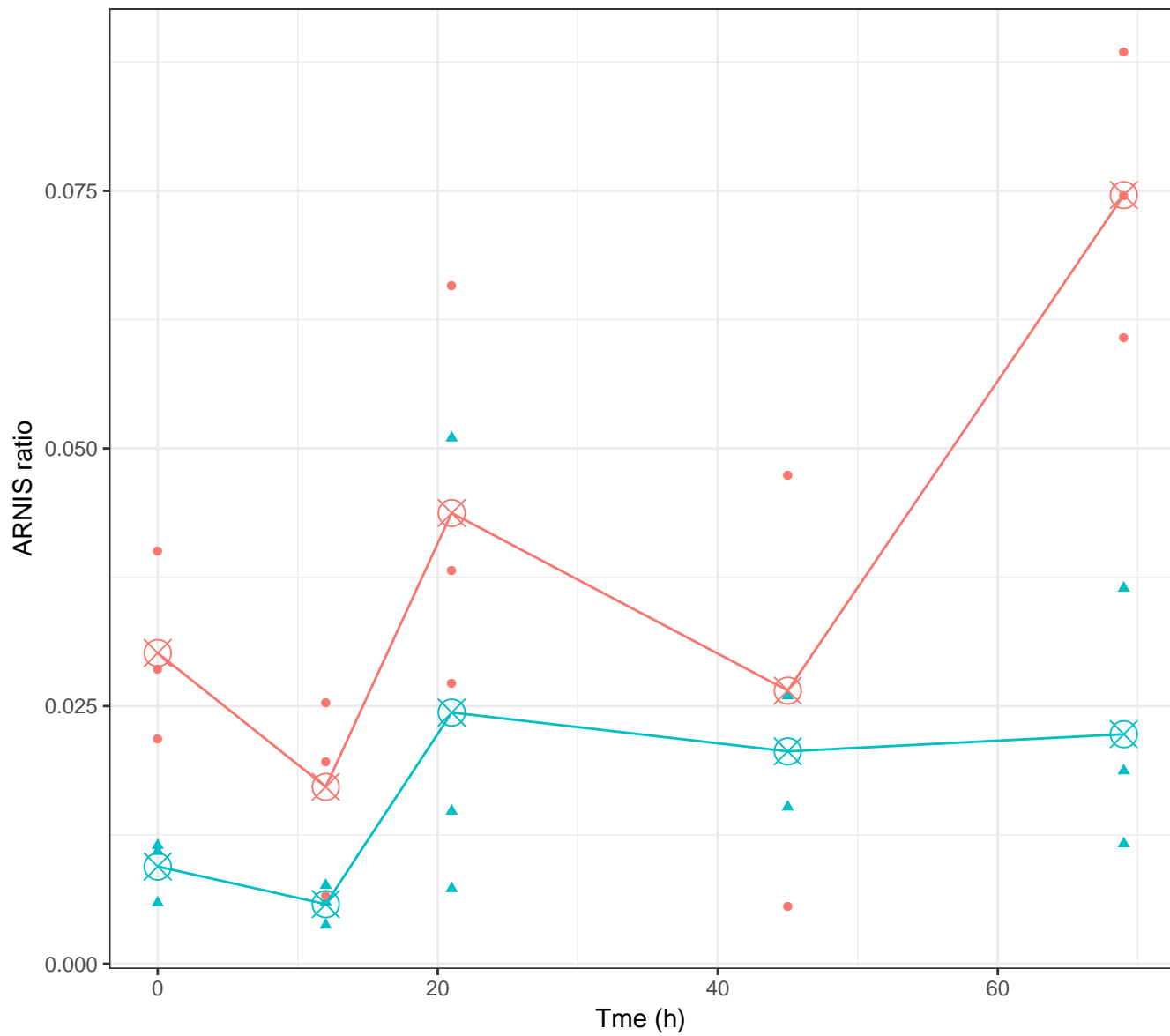
OTU.313_Alphaproteobacteria_Phenylobacterium

Treatment Control Filtered-1micron



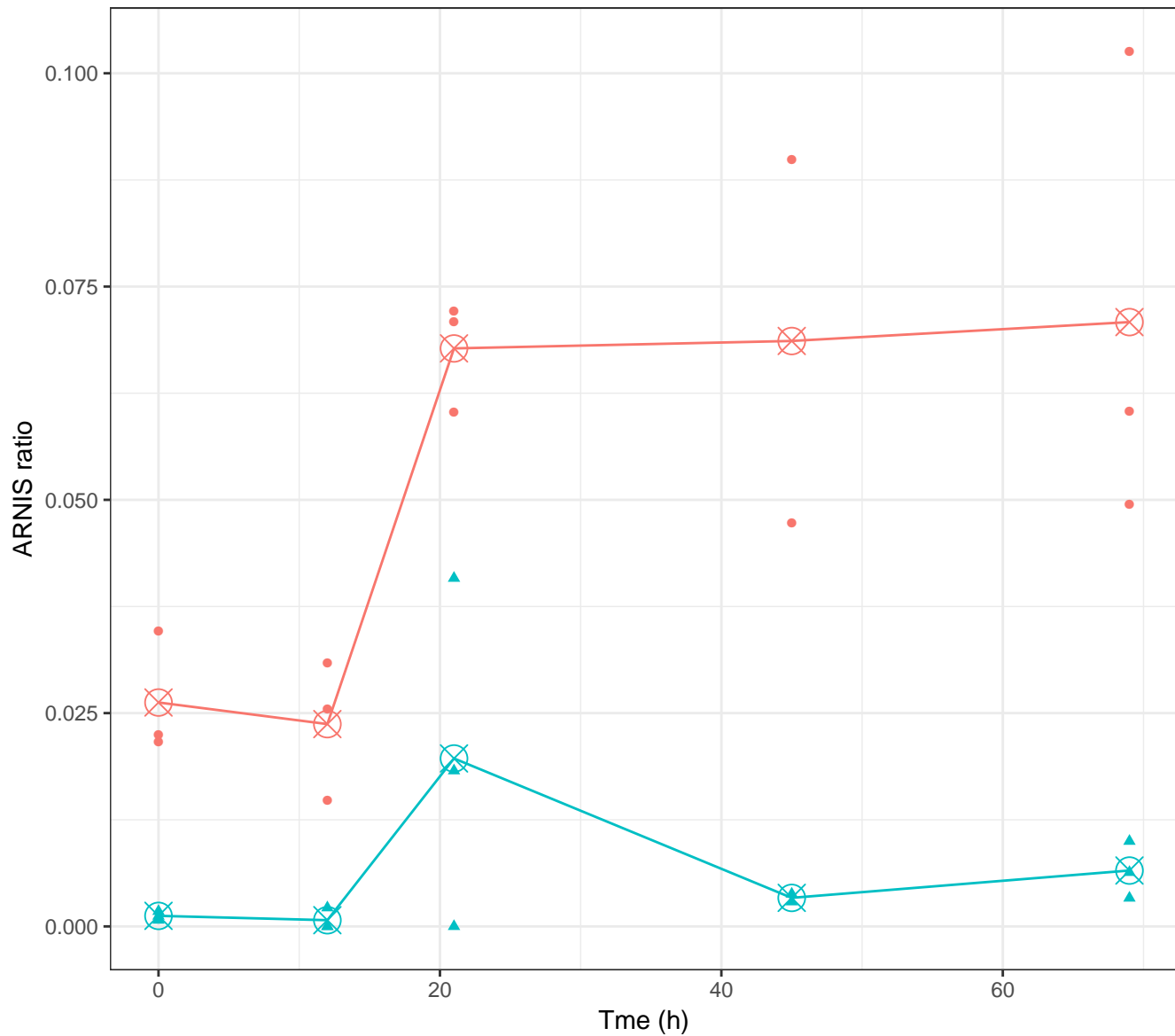
OTU.250_Verrucomicrobia_Verrucomicrobiaceae

Treatment ⊗ Control ⊗ Filtered-1micron



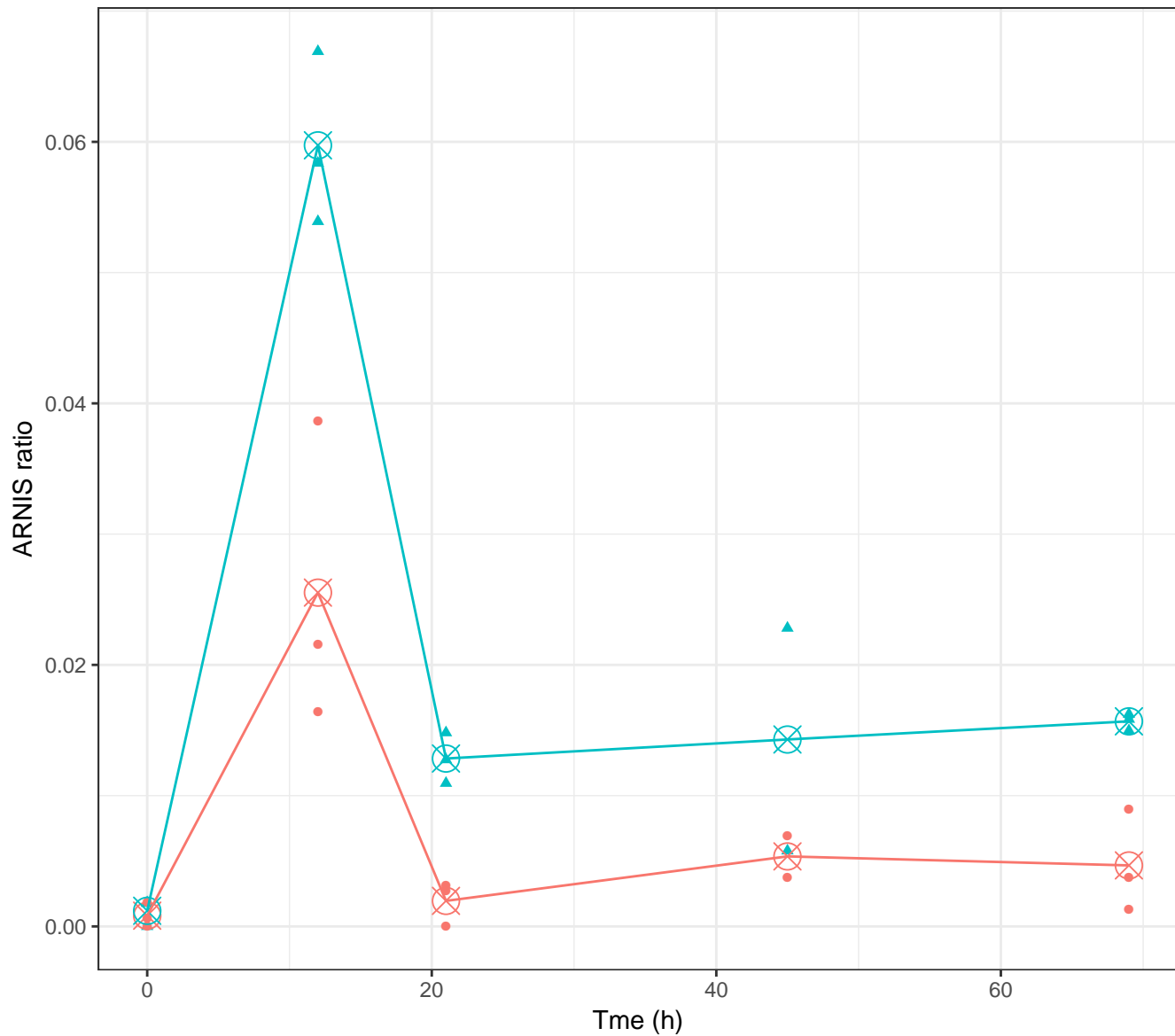
OTU.229_Bacteroidetes_Sphingobacteriales_LiUU.11.161

Treatment ⊗ Control ⊗ Filtered-1micron



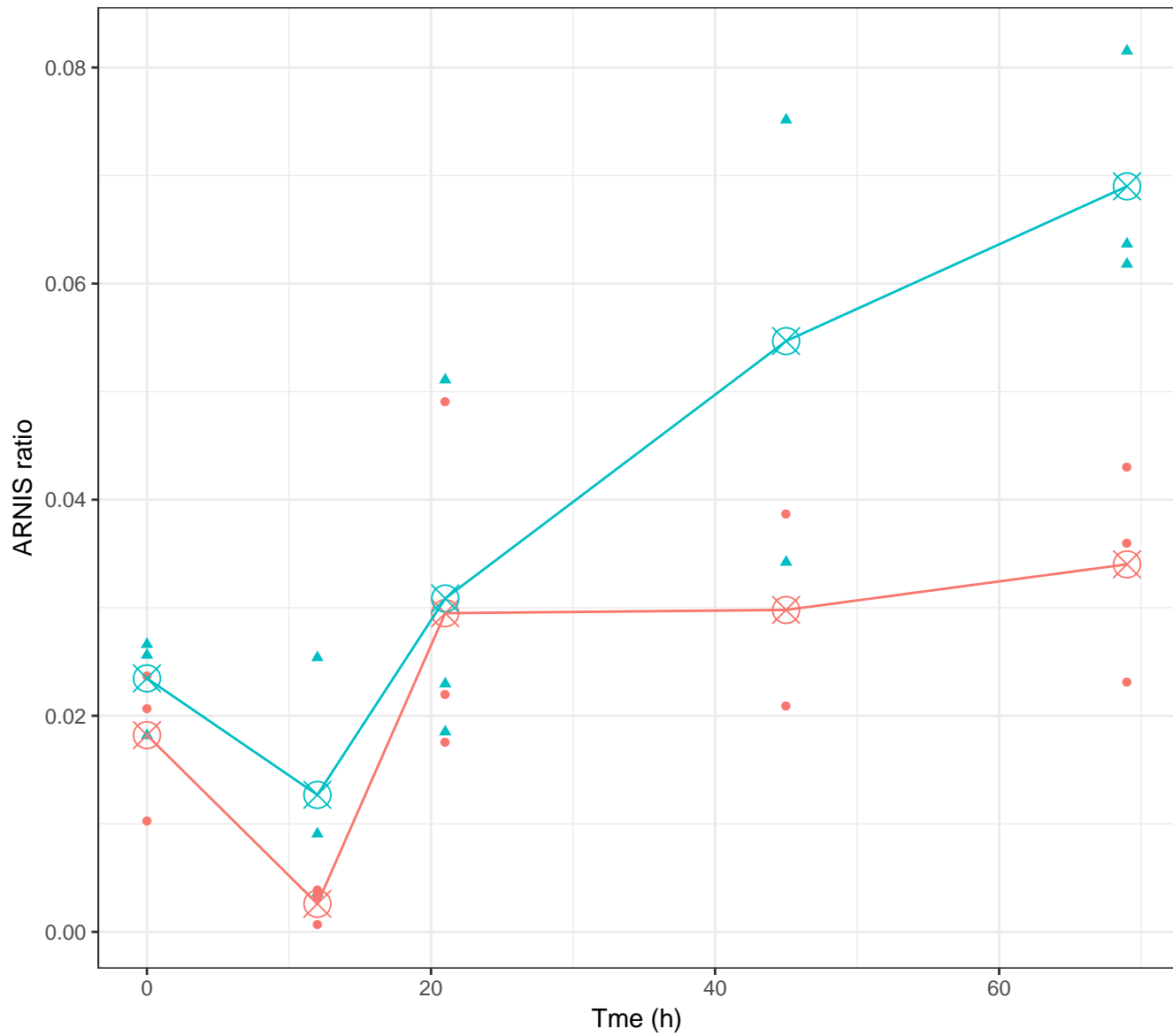
OTU.203_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



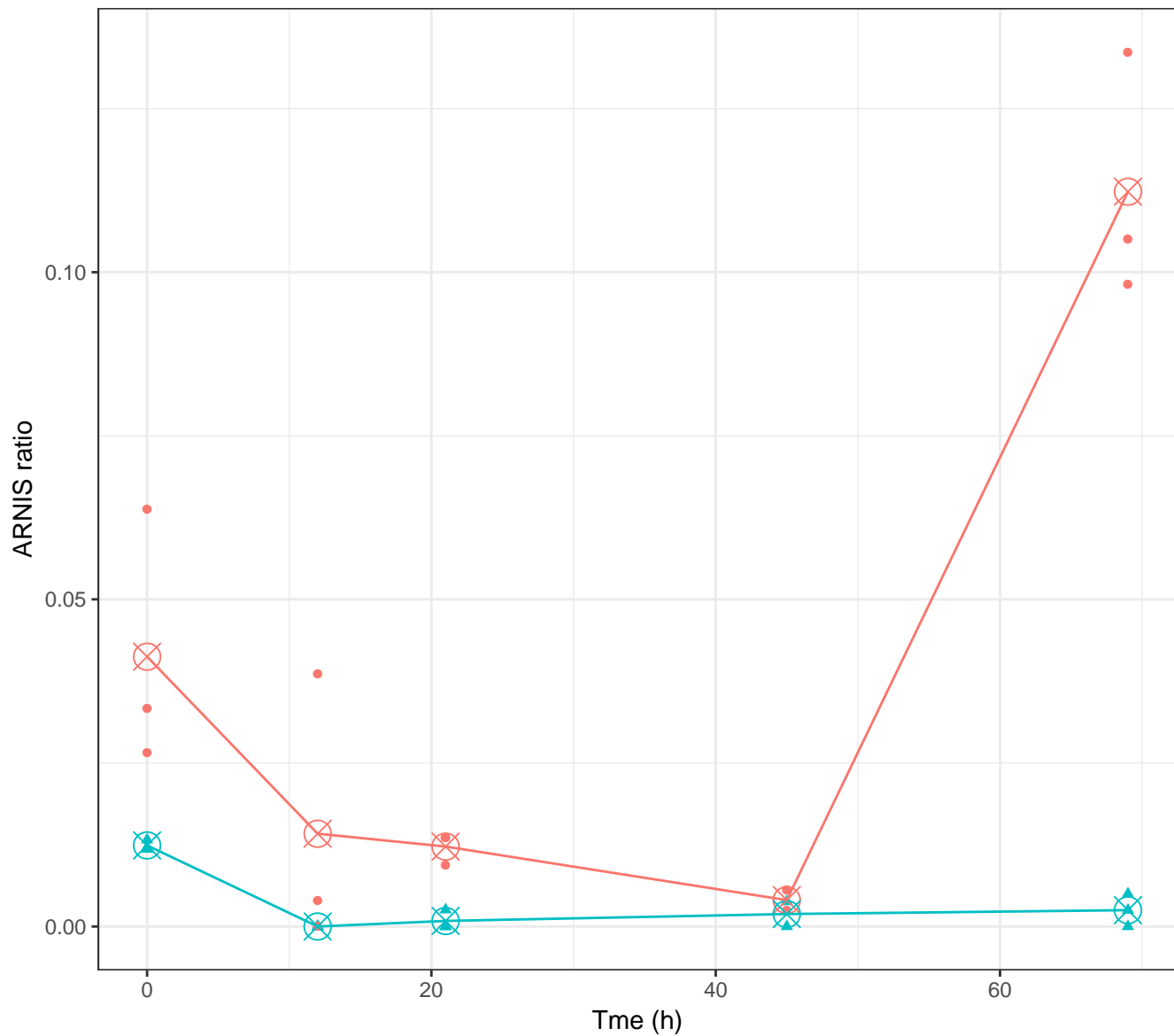
OTU.207_Gammaproteobacteria_Pseudospirillum

Treatment Control Filtered-1micron



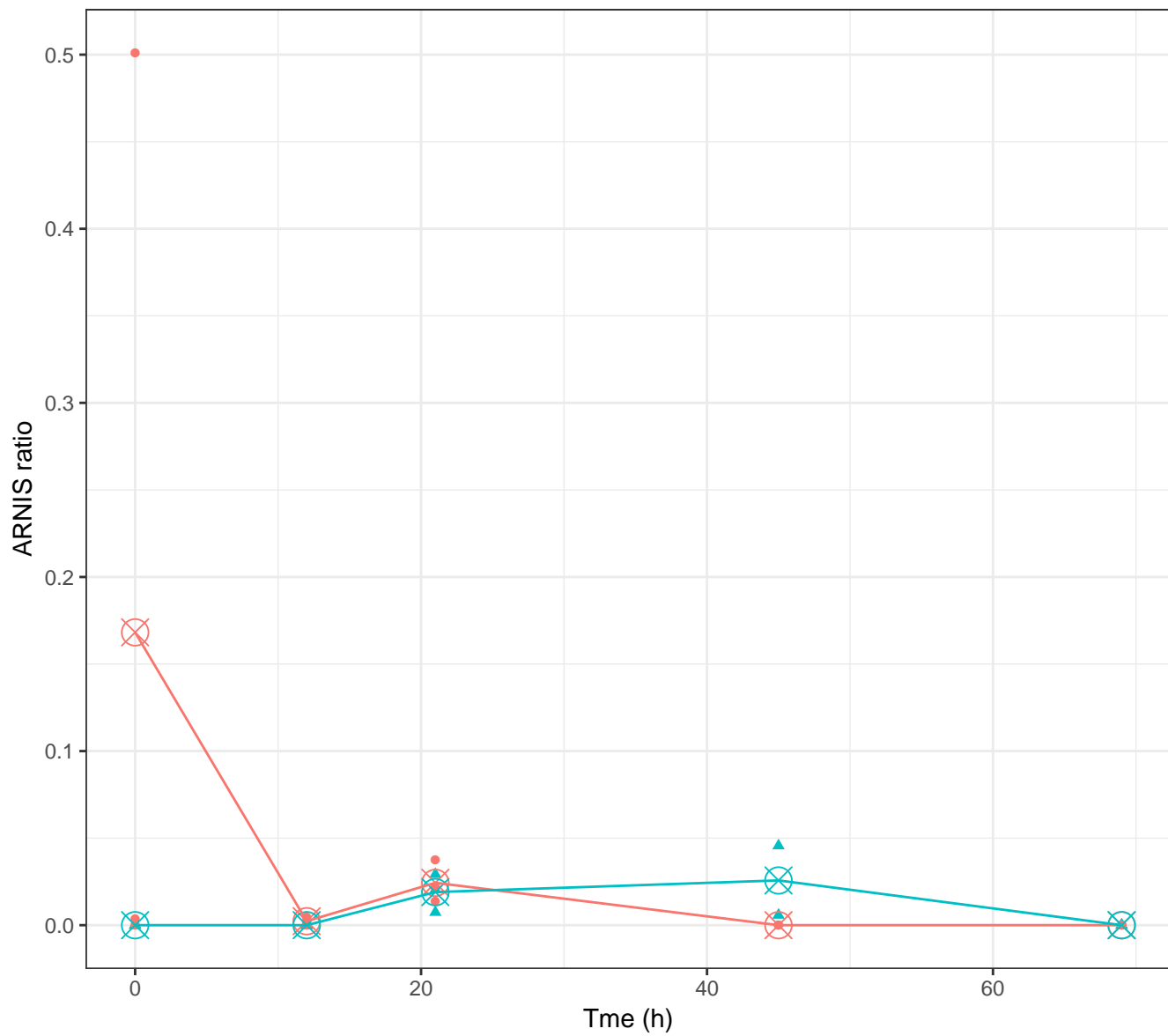
OTU.231_Bacteroidetes_Saprospiraceae

Treatment Control Filtered-1micron



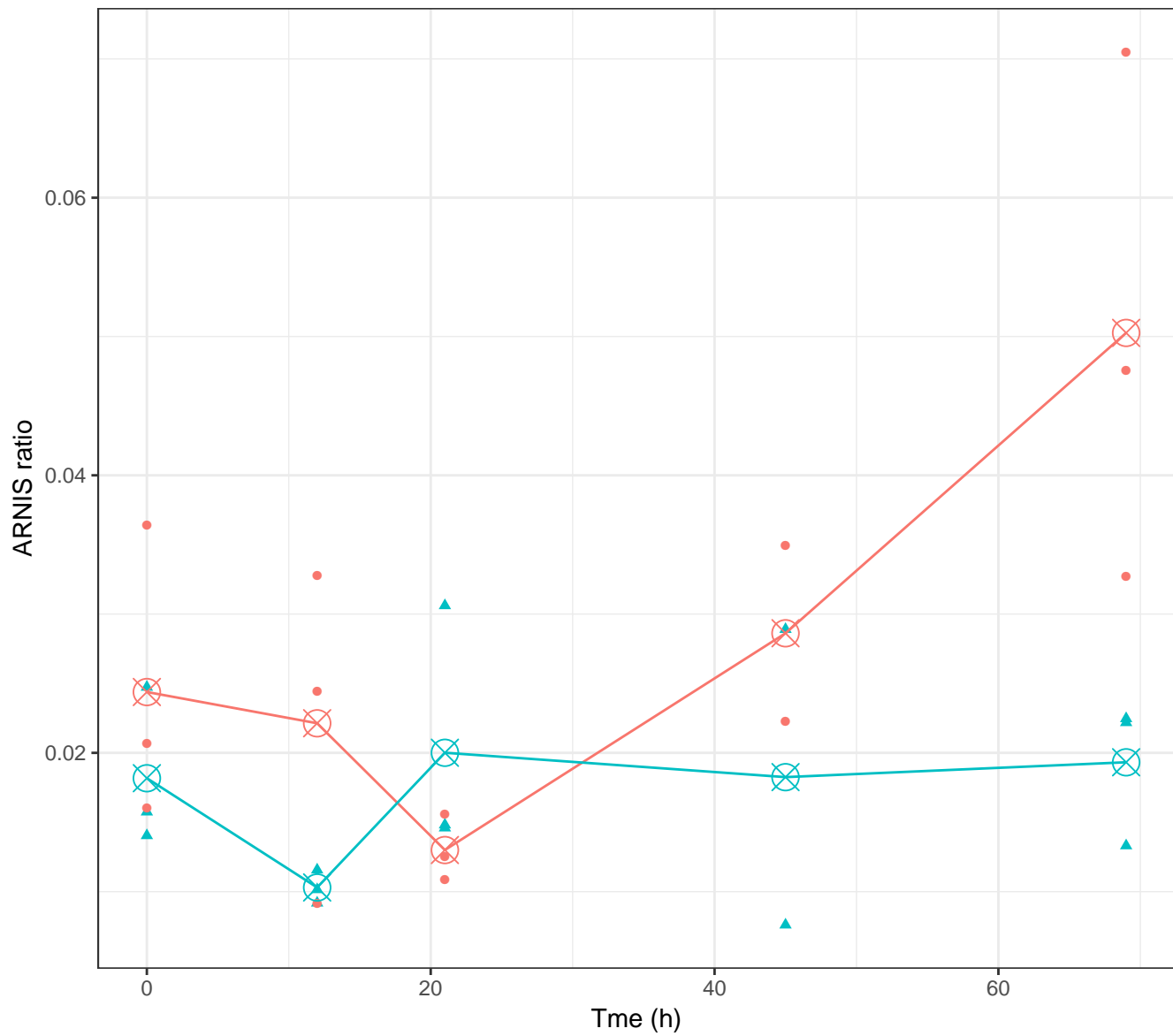
OTU.237_Chloroflexi_Caldilinea

Treatment Control Filtered-1micron



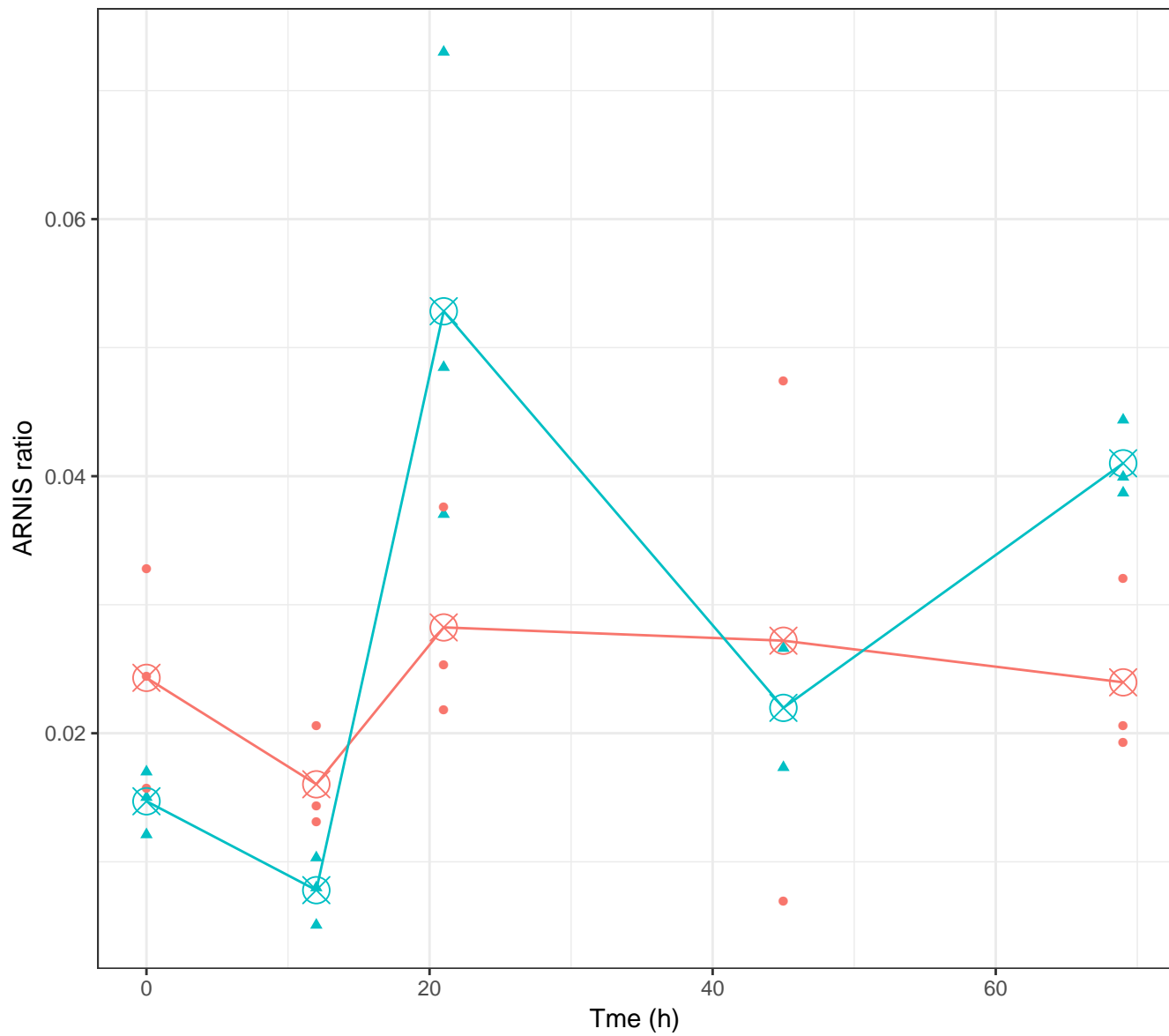
OTU.329_Verrucomicrobia_Opitutus

Treatment ⊗ Control ⊗ Filtered-1micron



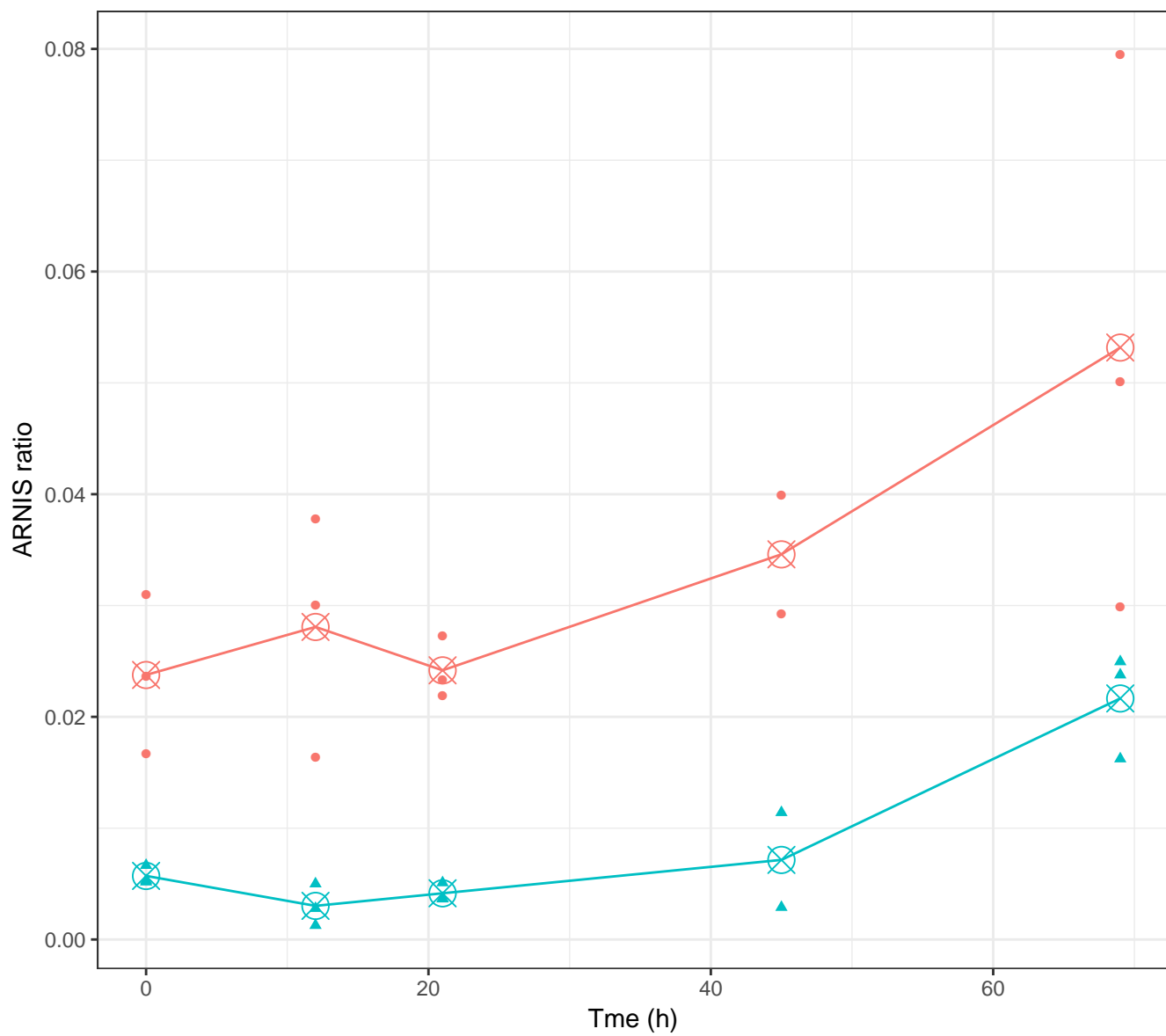
OTU.325_Verrucomicrobia_Verrucomicrobiaceae

Treatment Control Filtered-1micron



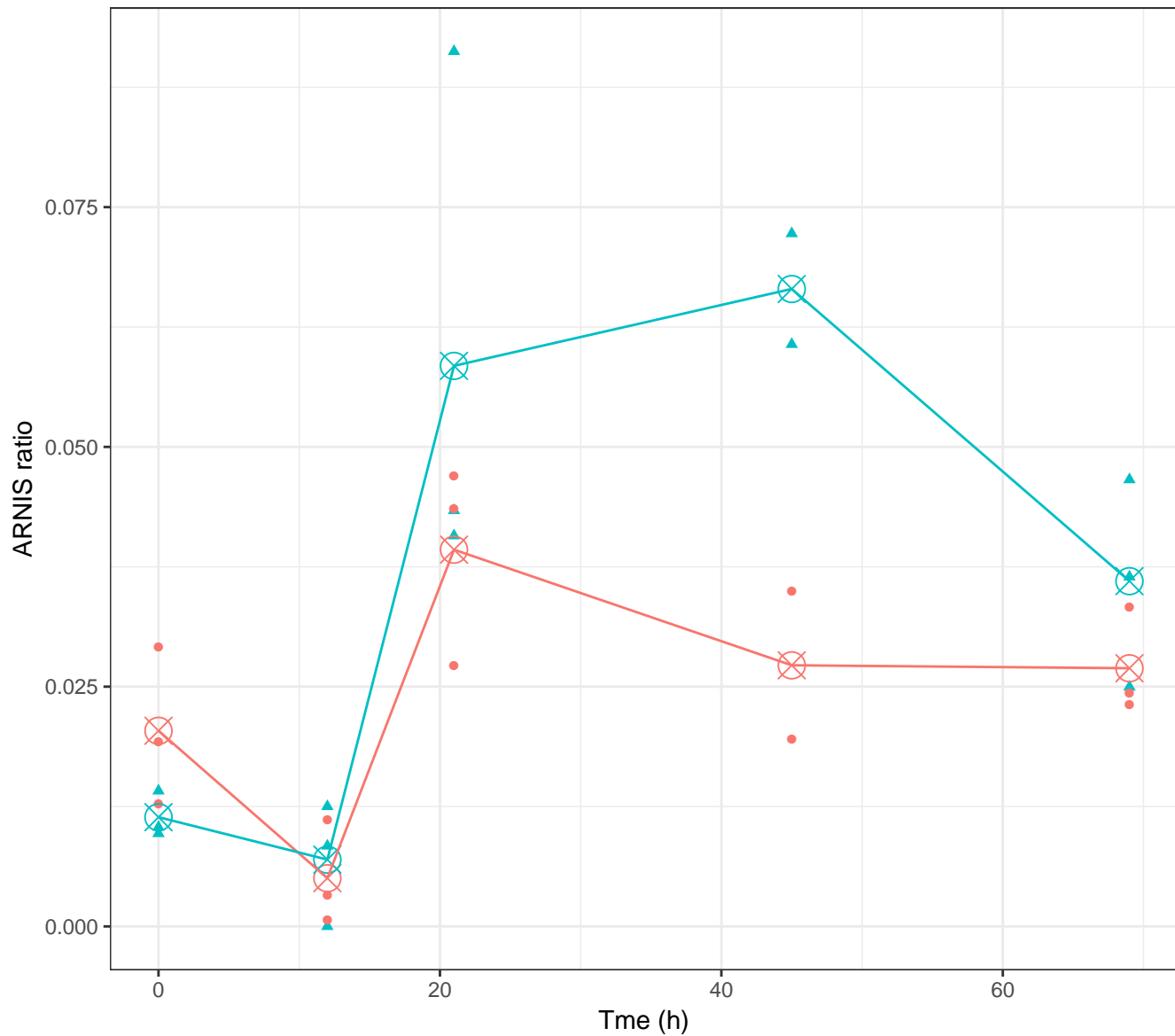
OTU.276_Gemmatimonadetes_Gemmatimonas

Treatment Control Filtered-1micron



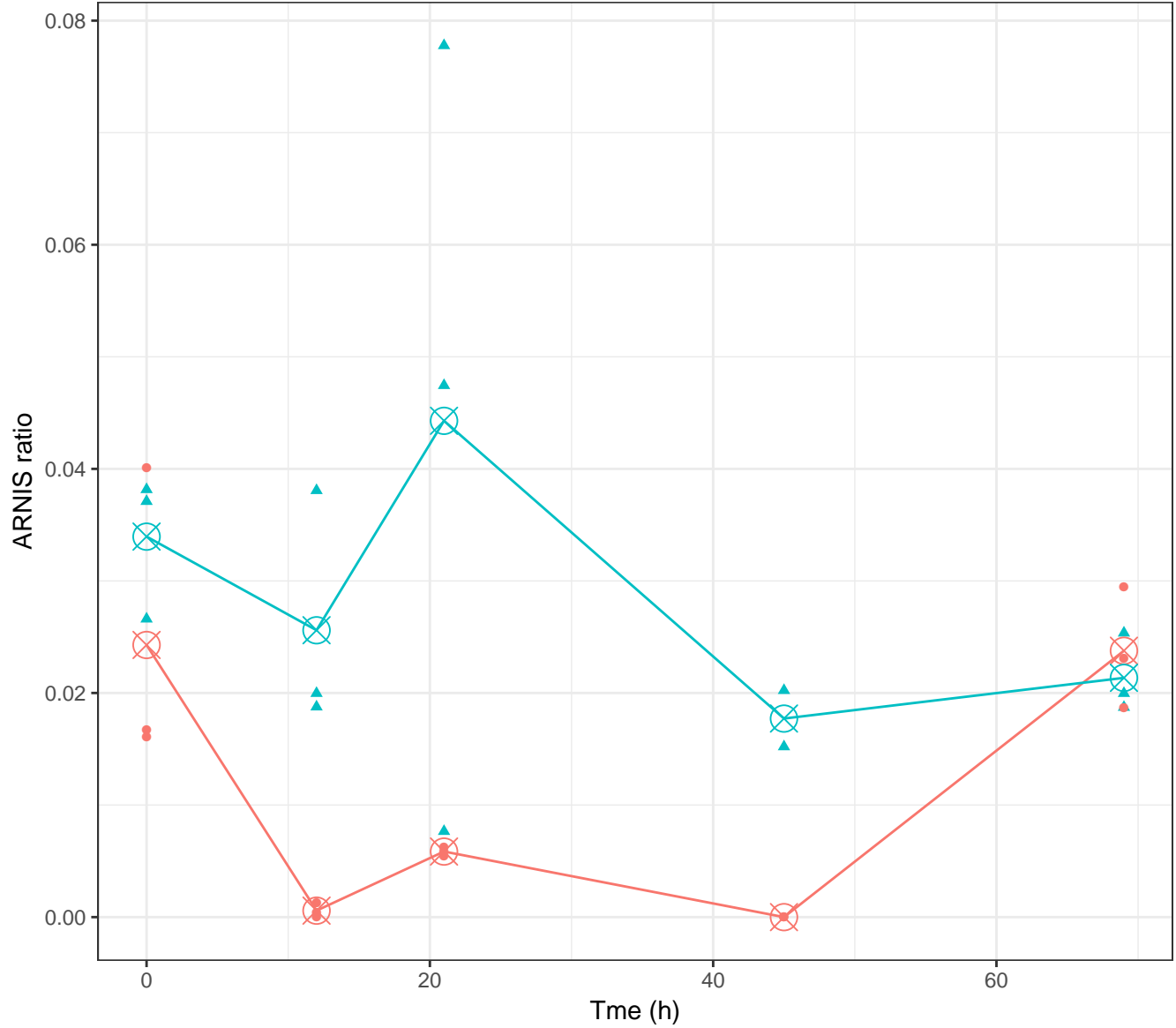
OTU.267_Bacteroidetes_Cytophagaceae

Treatment Control Filtered-1micron



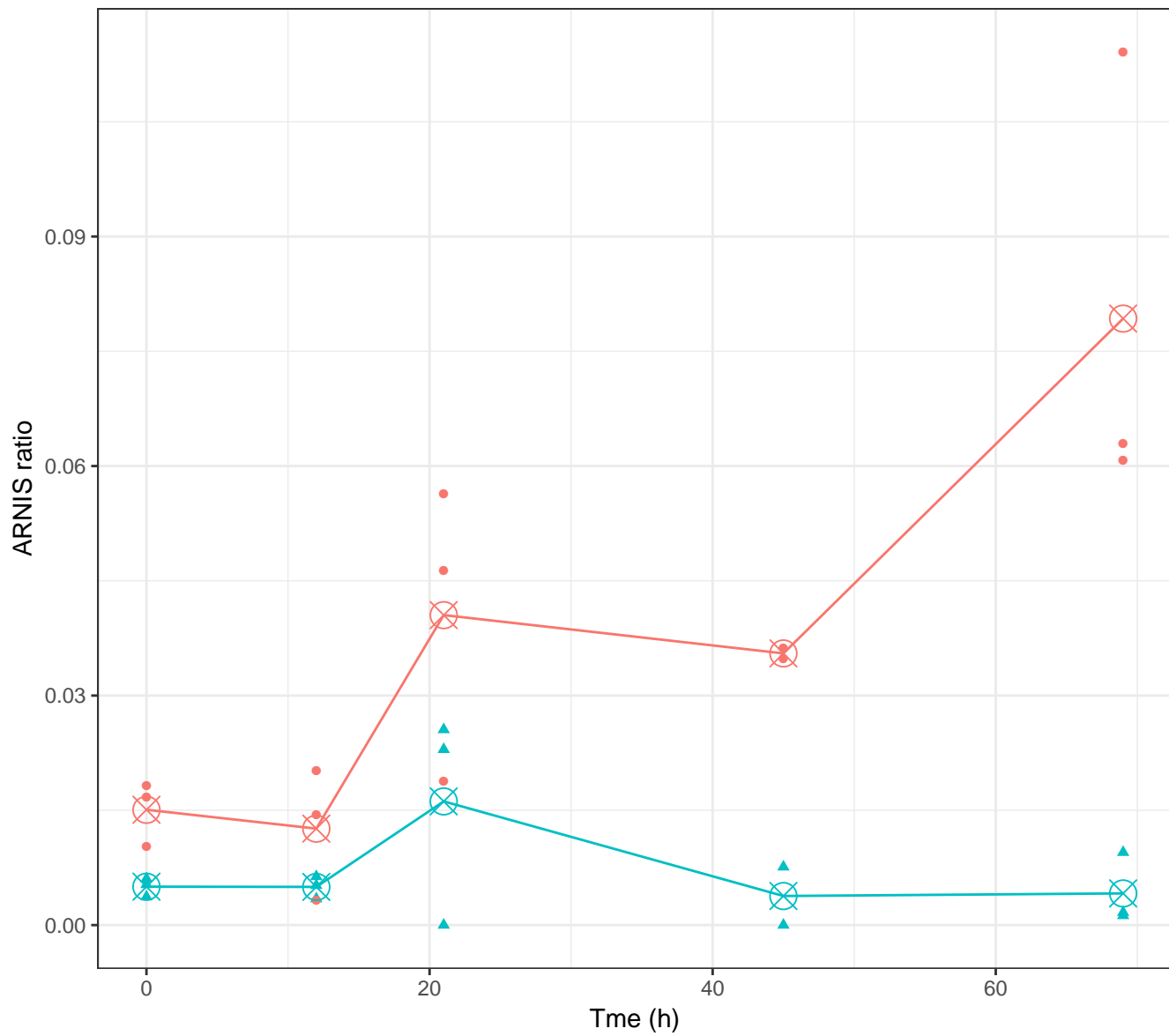
OTU.260_Spirochaetes_Leptospira

Treatment Control Filtered-1micron



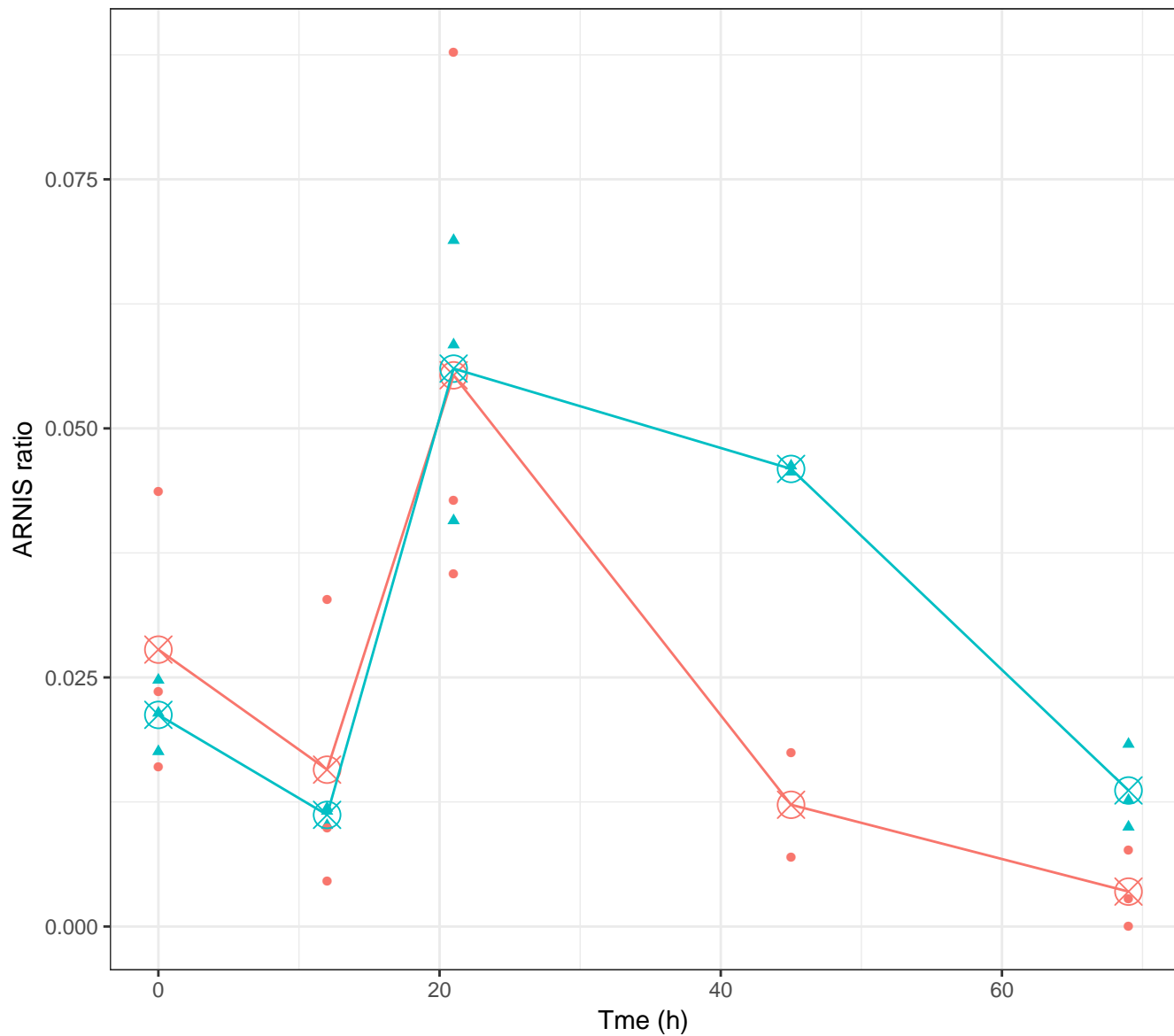
OTU.264_Proteobacteria_TA18

Treatment Control Filtered-1micron



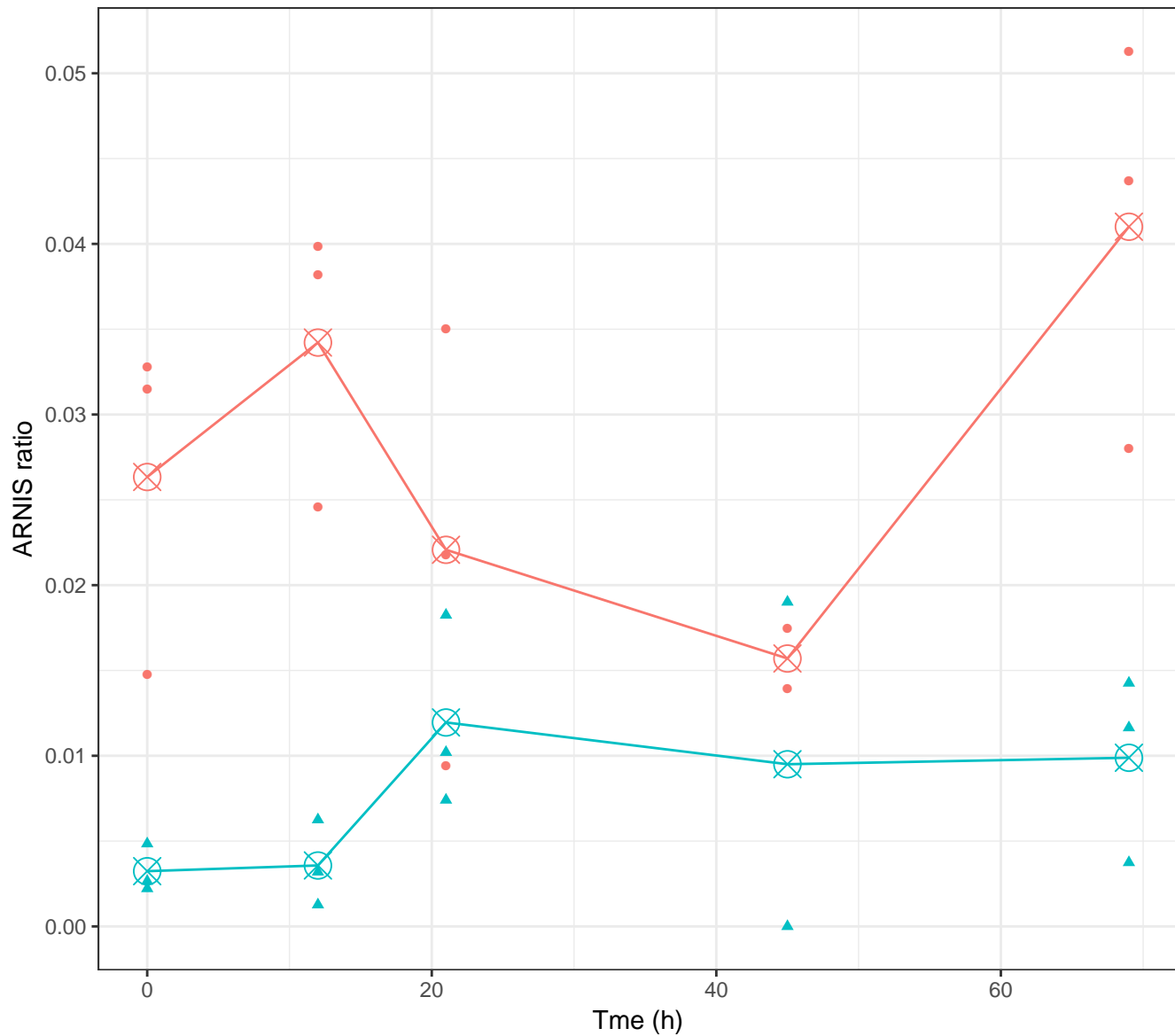
OTU.27_Betaproteobacteria_Methylotenera

Treatment Control Filtered-1micron



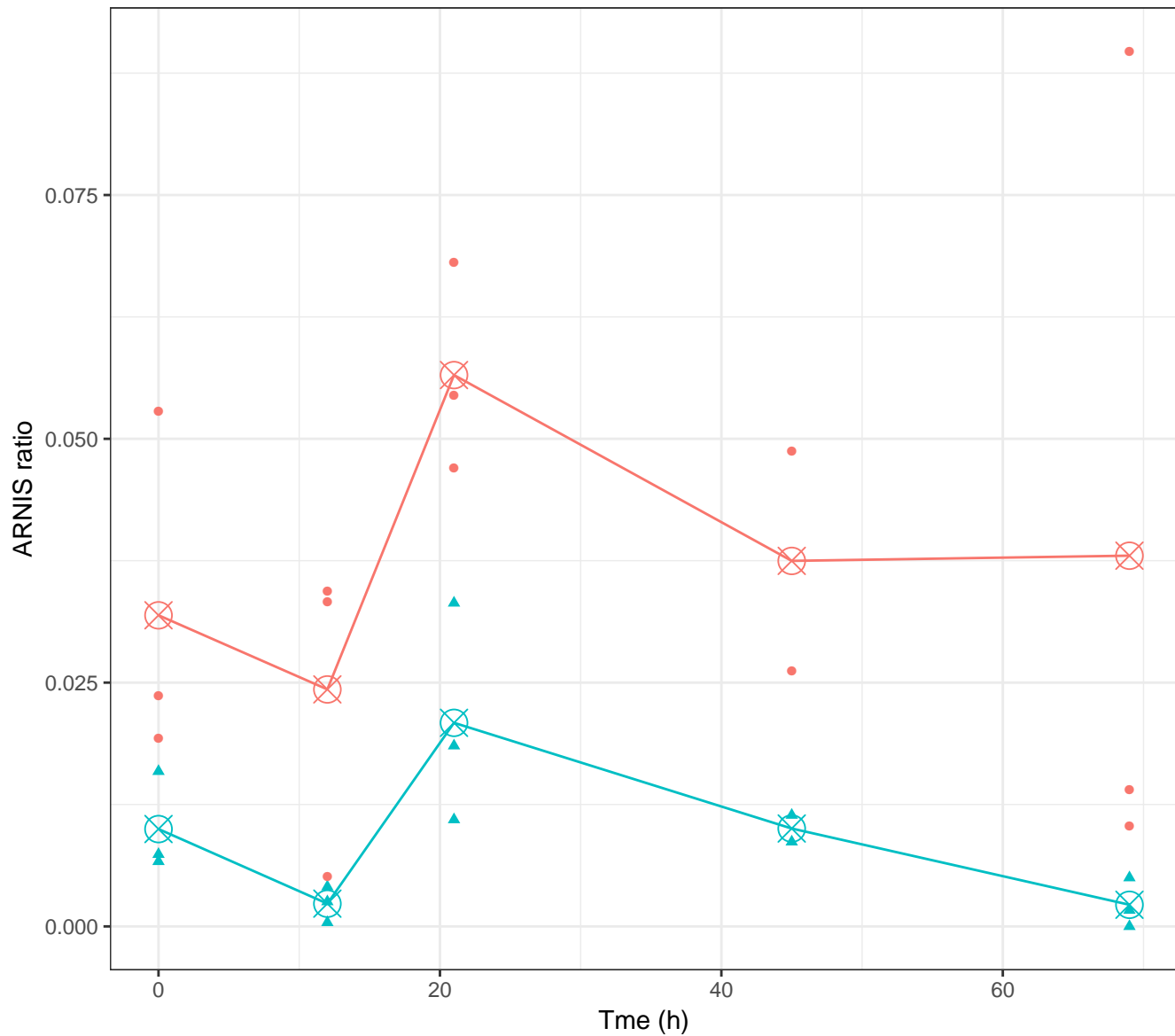
OTU.262_Alphaproteobacteria_Sphingomonadales

Treatment Control Filtered-1micron



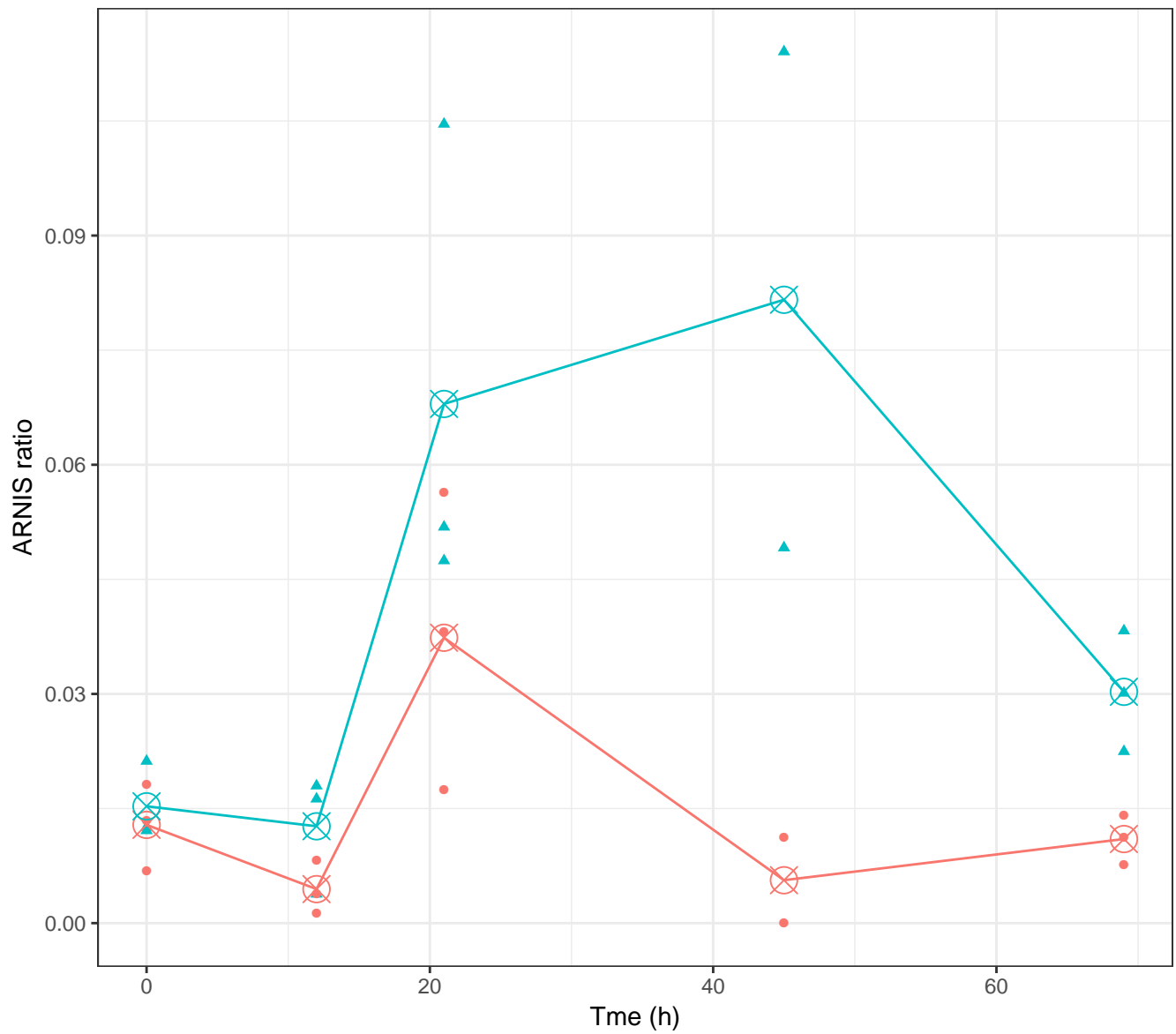
OTU.402_Bacteroidetes_Chryseobacterium

Treatment Control Filtered-1micron



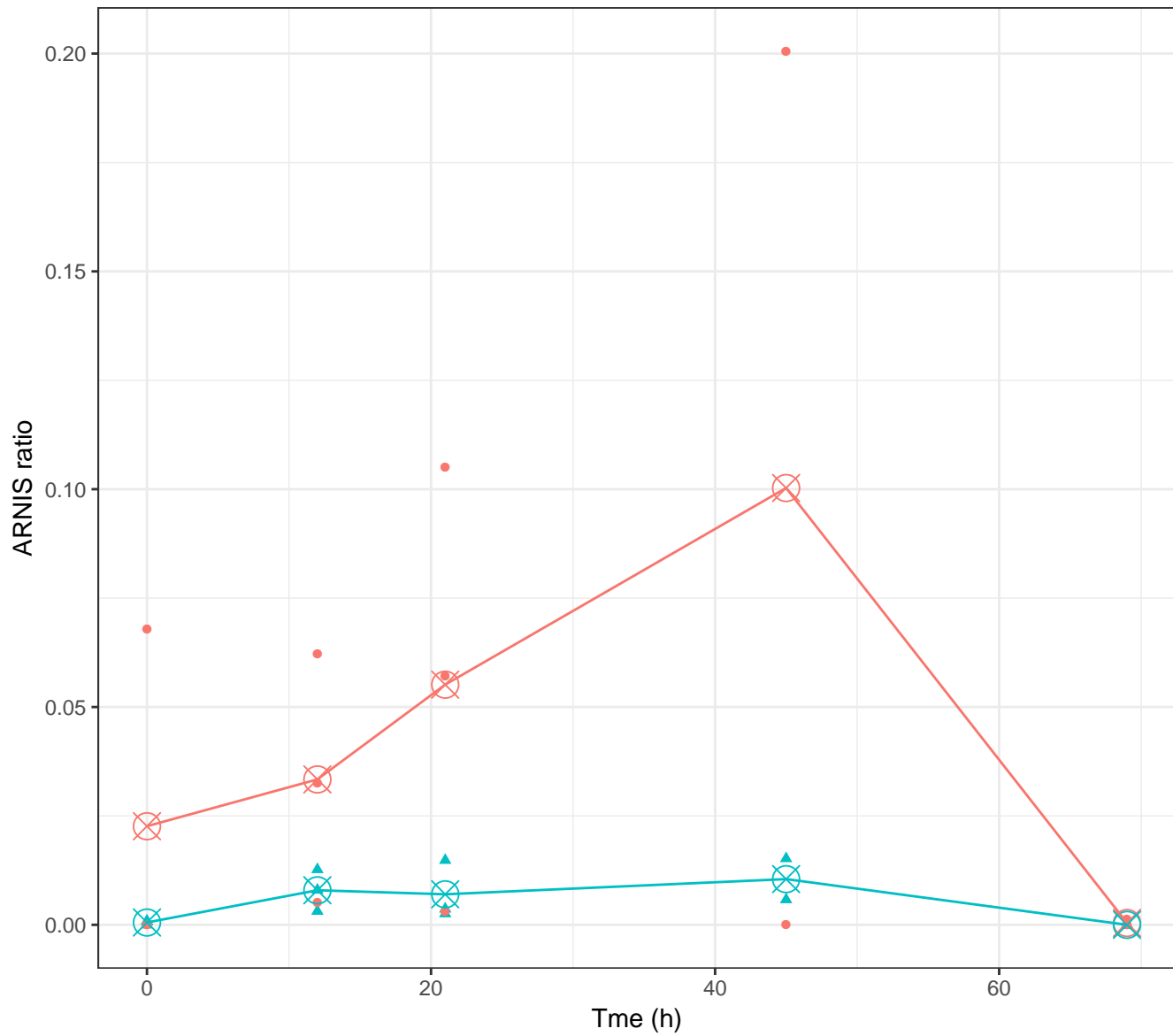
OTU.273_Bacteroidetes_Siphonobacter

Treatment Control Filtered-1micron



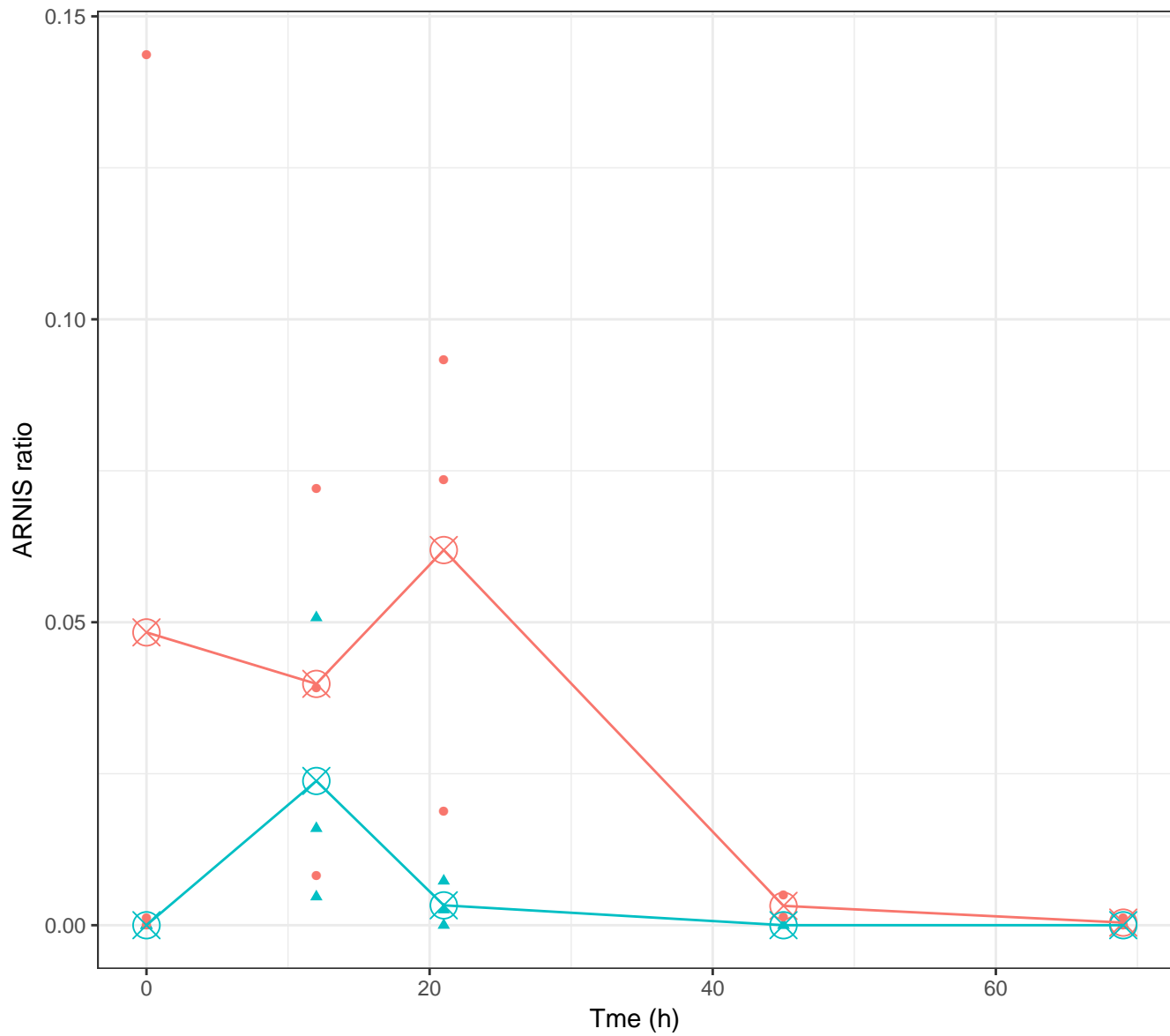
OTU.190_Firmicutes_Staphylococcus

Treatment Control Filtered-1micron



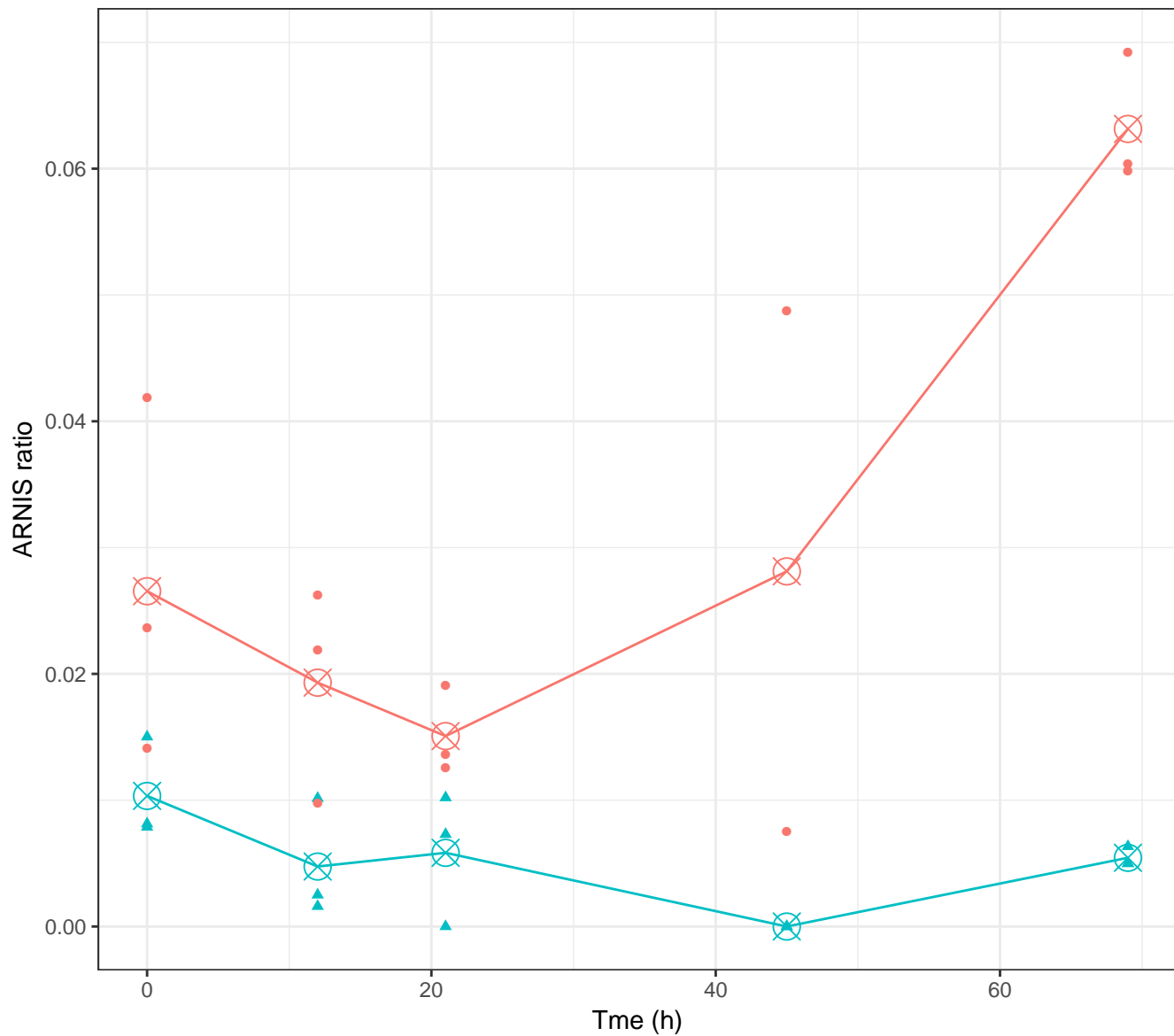


OTU.319_Alphaproteobacteria_Methylobacterium

Treatment Control Filtered-1micron

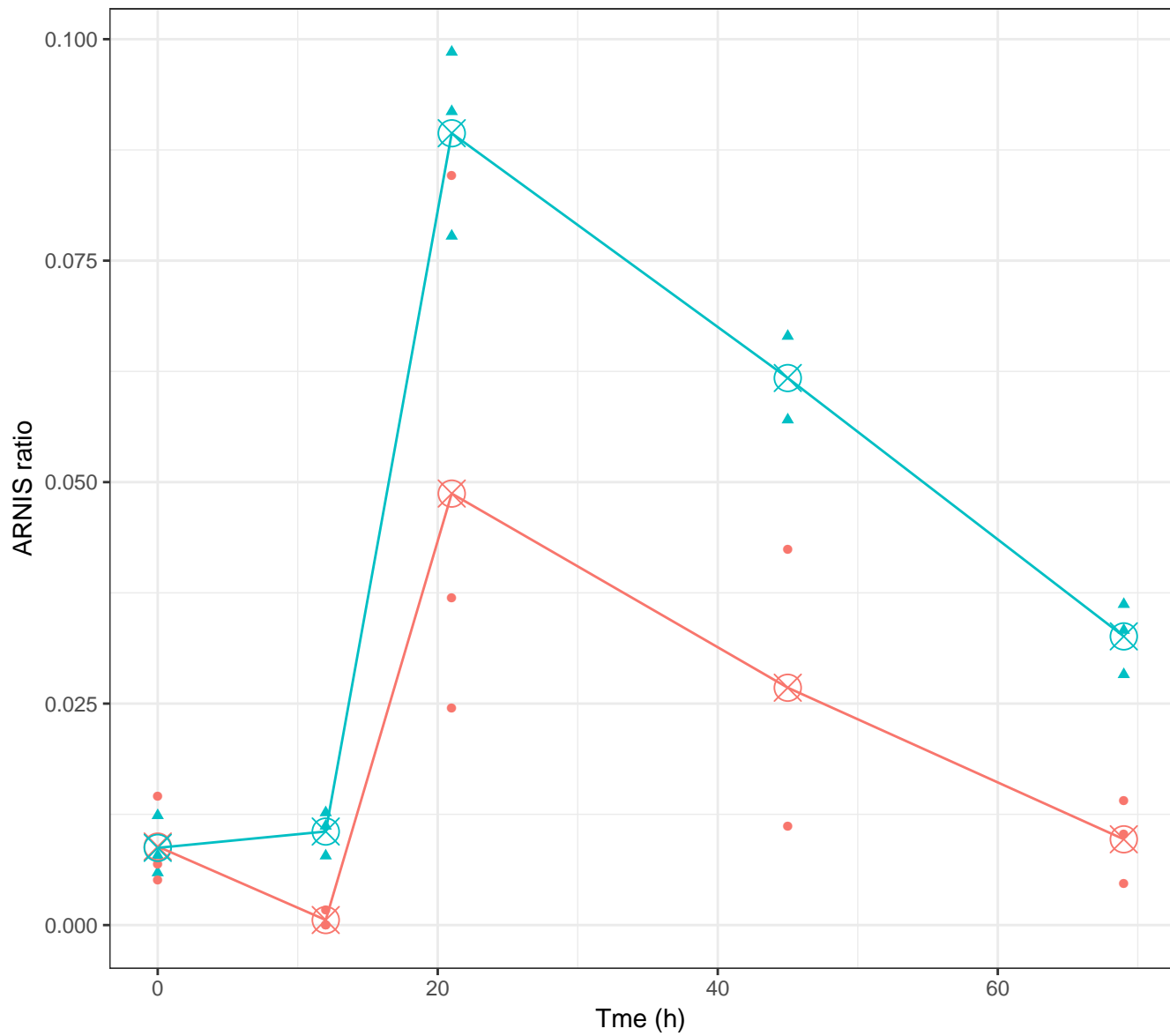


OTU.316_Planctomycetes_CL500.3



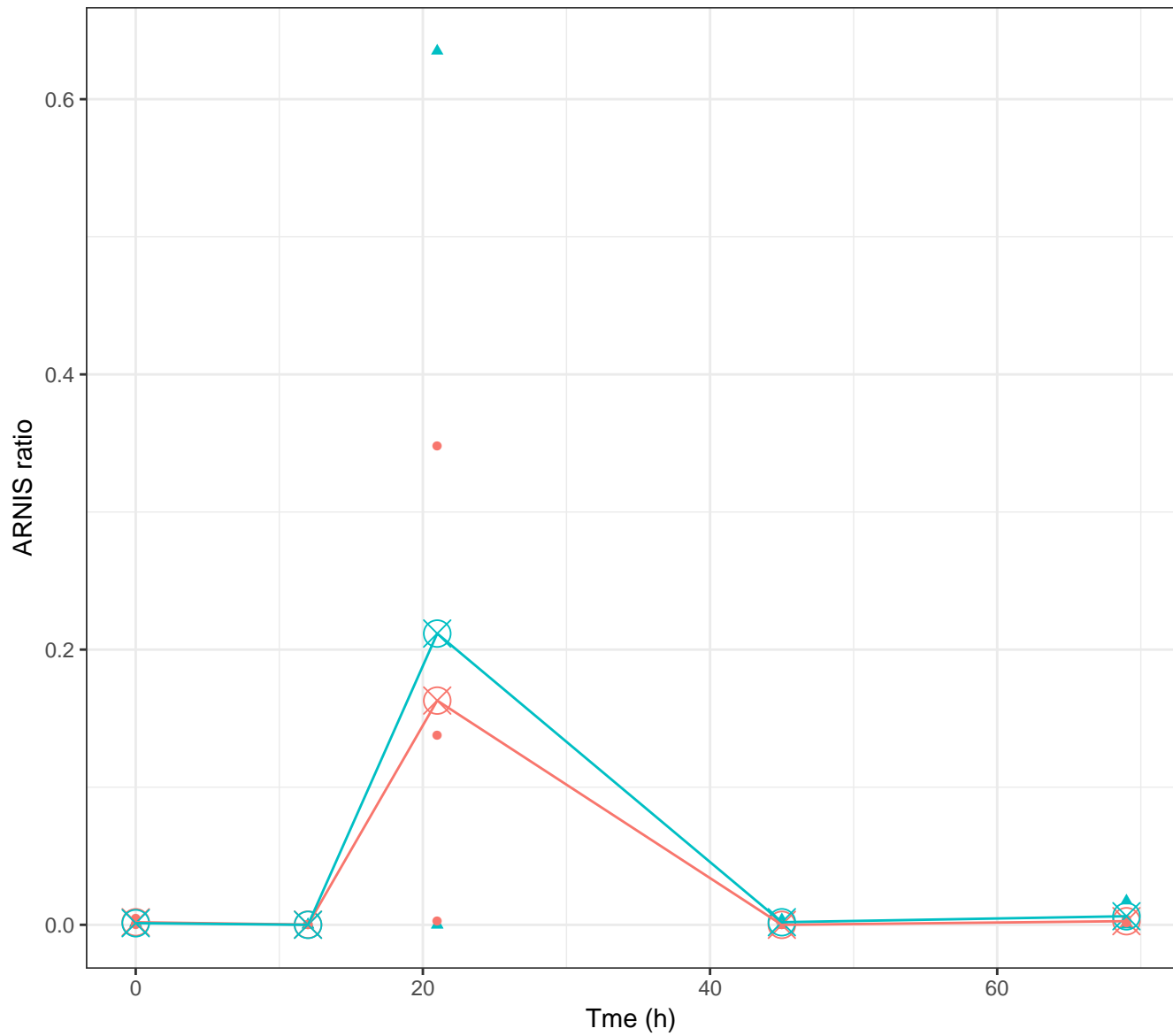
Treatment  Control  Filtered-1micron

OTU.94_Bacteroidetes_env.OPS_17

Treatment ⊗ Control ⊗ Filtered-1micron

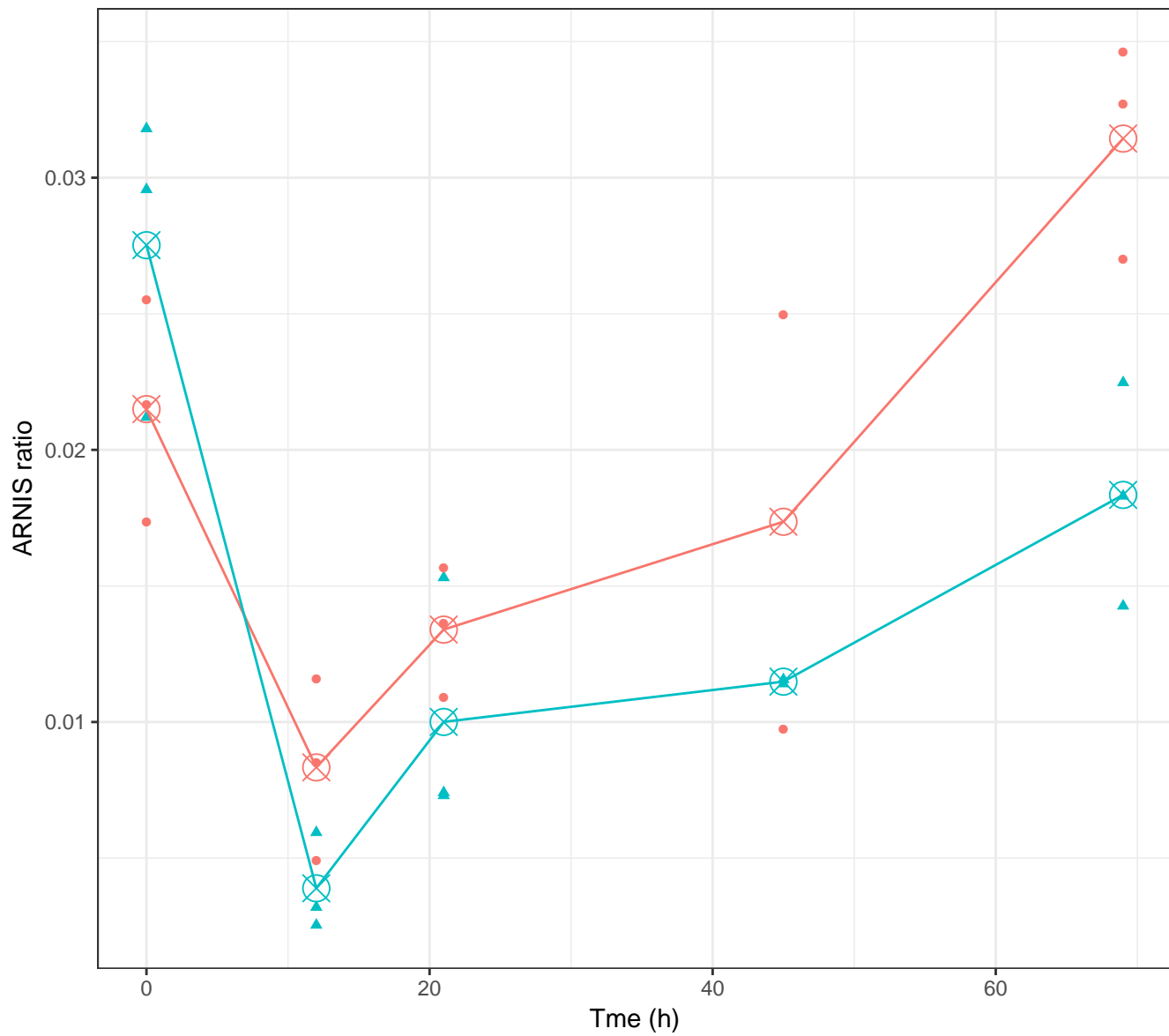


OTU.487_Betaproteobacteria_Comamonadaceae

Treatment  Control  Filtered-1micron

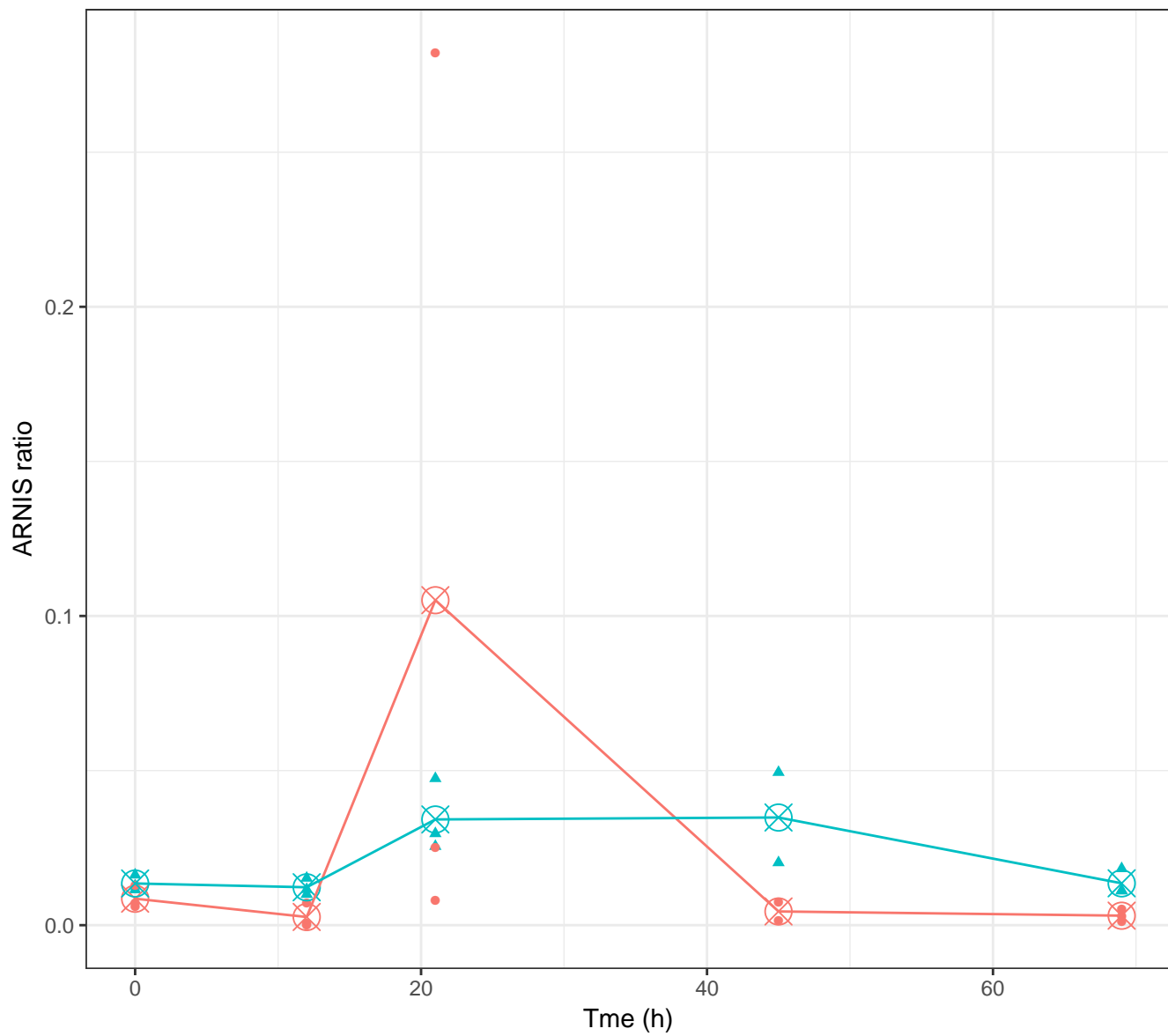
OTU.6821_Chloroflexi_Roseiflexus

Treatment Control Filtered-1micron



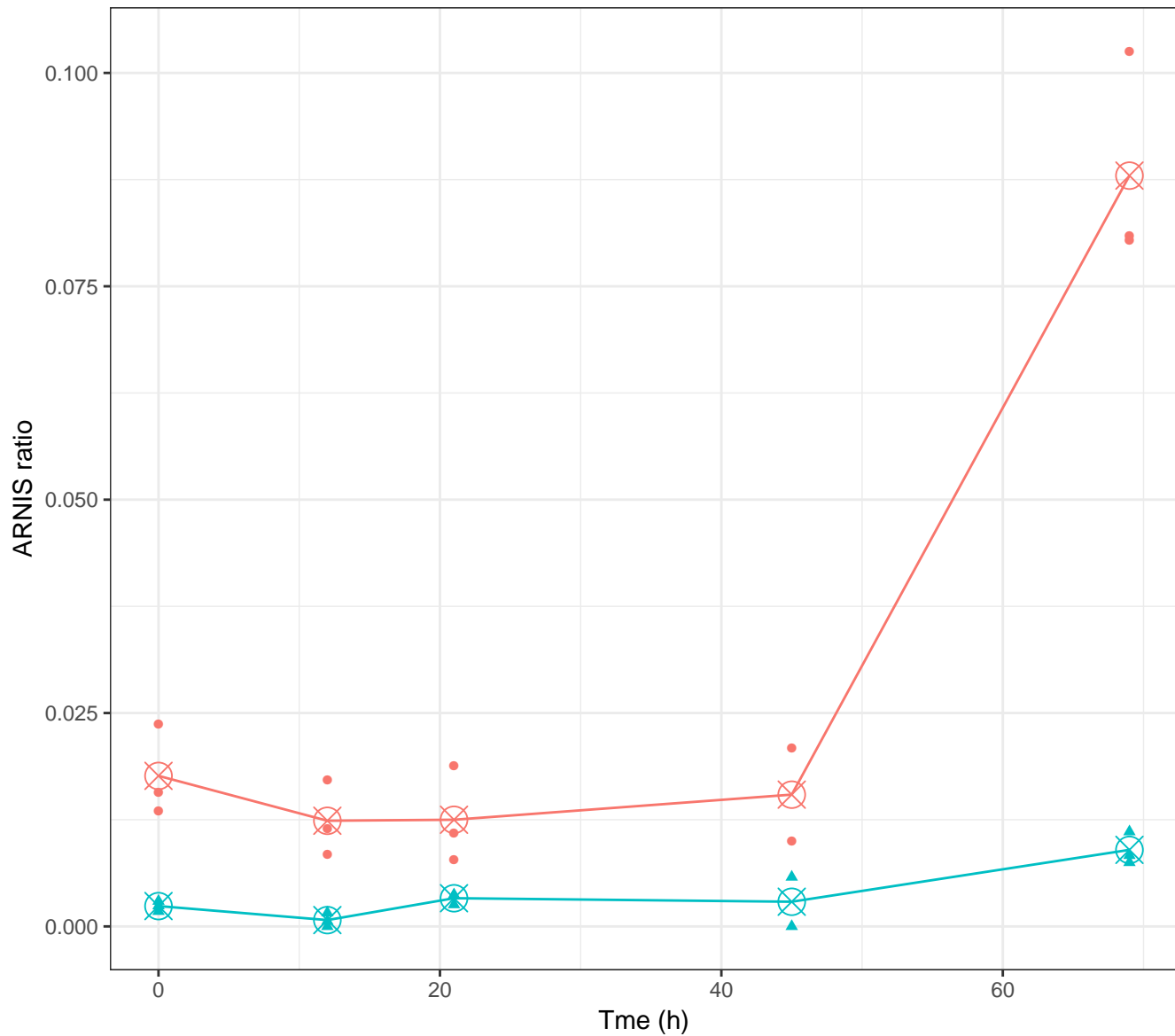
OTU.517_Bacteroidetes_Pedobacter

Treatment Control Filtered-1micron



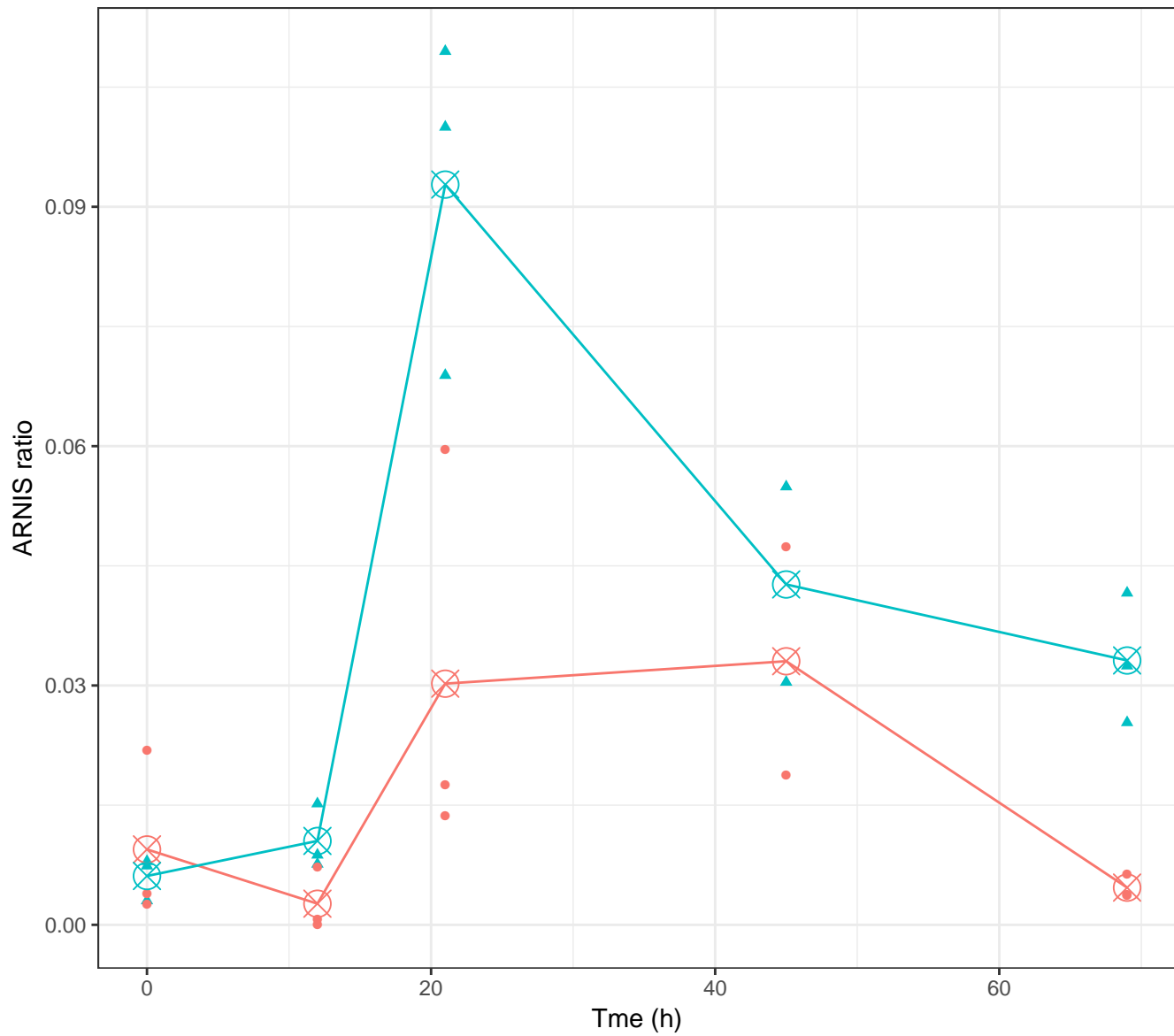
OTU.294_Alphaproteobacteria_Caulobacter

Treatment Control Filtered-1micron



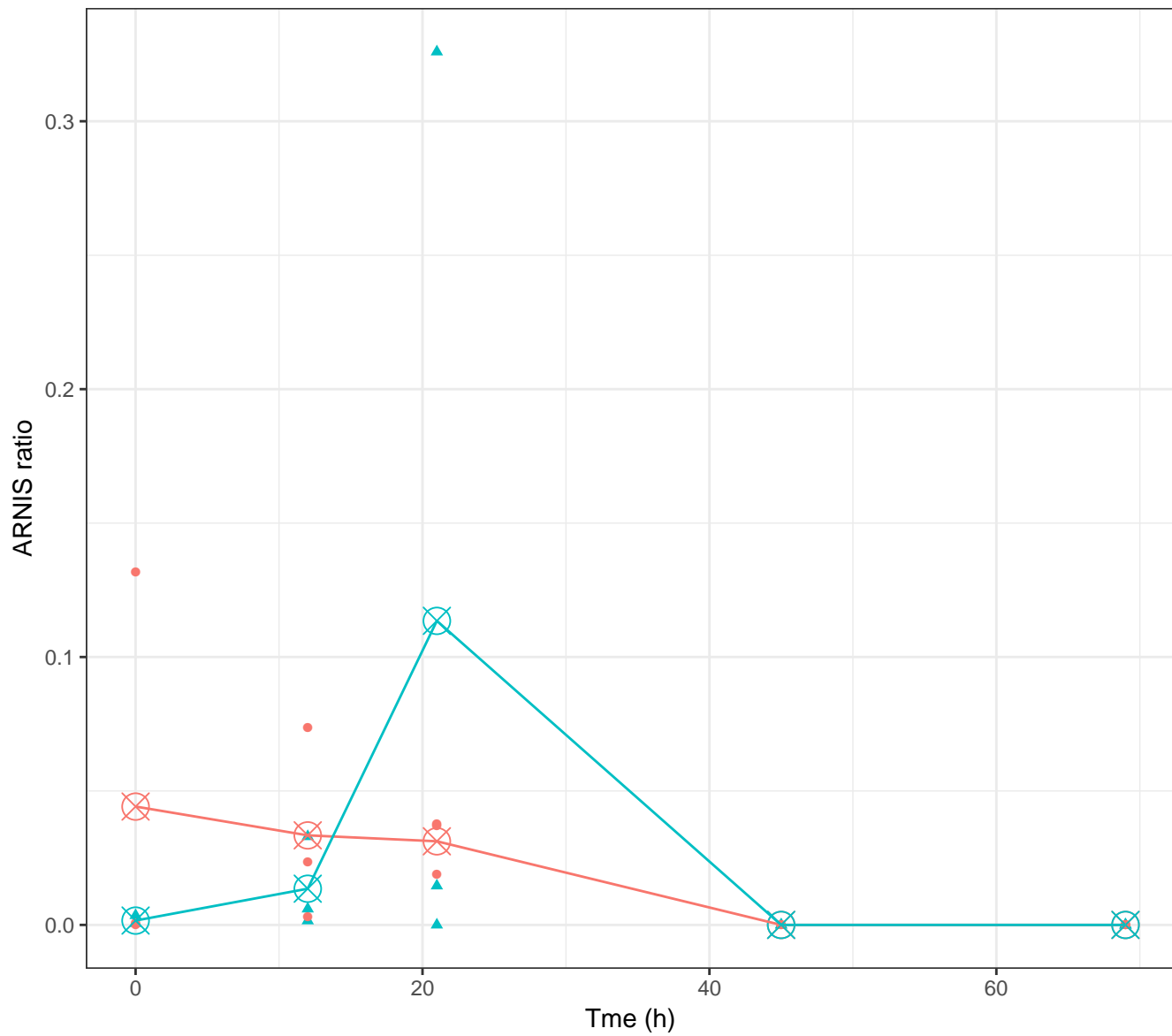
OTU.137_Bacteroidetes_NS11.12_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



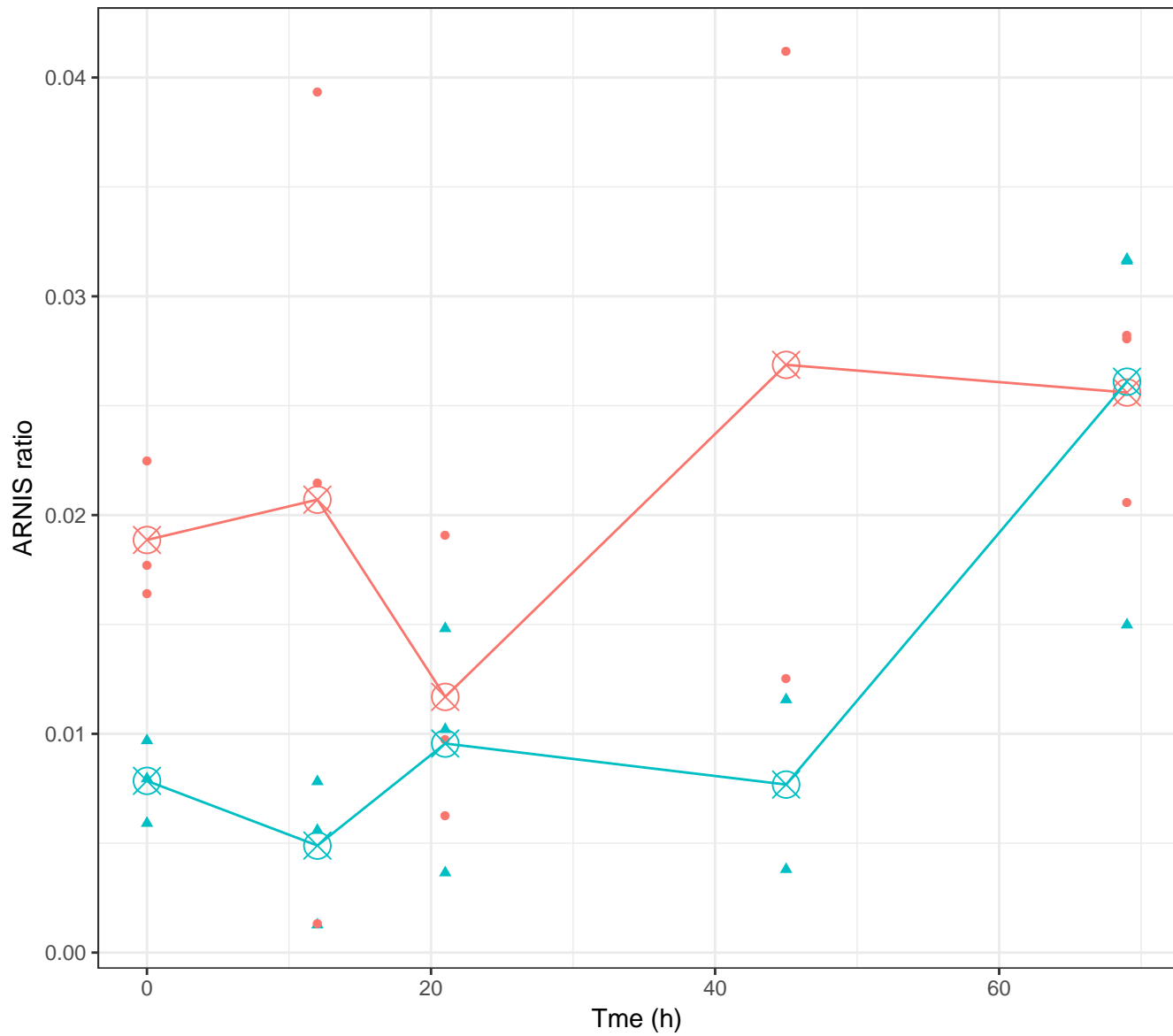
OTU.298_Gammaproteobacteria_Acinetobacter

Treatment Control Filtered-1micron



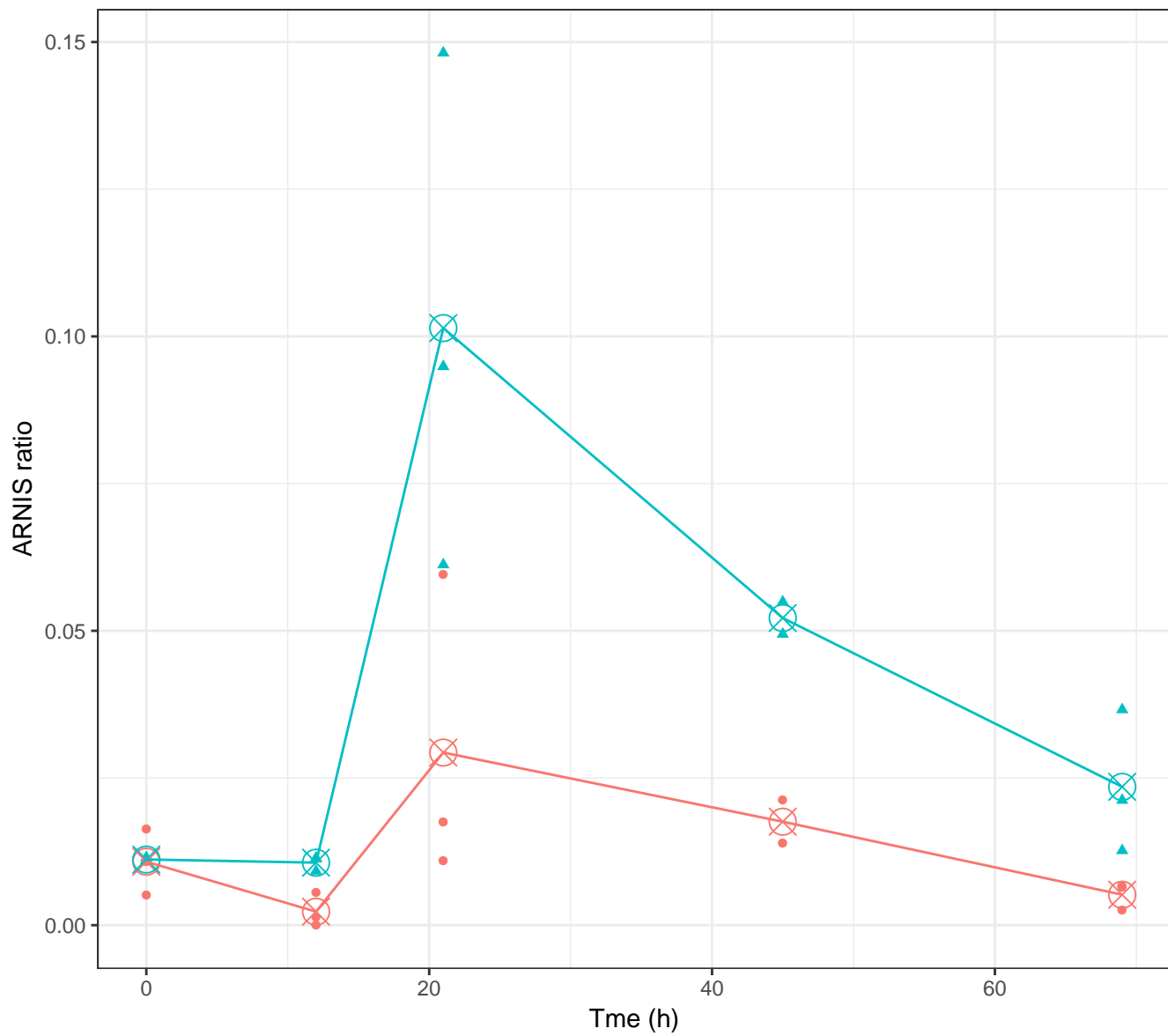
OTU.292_Bacteroidetes_Cytophagaceae

Treatment ⊗ Control ⊗ Filtered-1micron



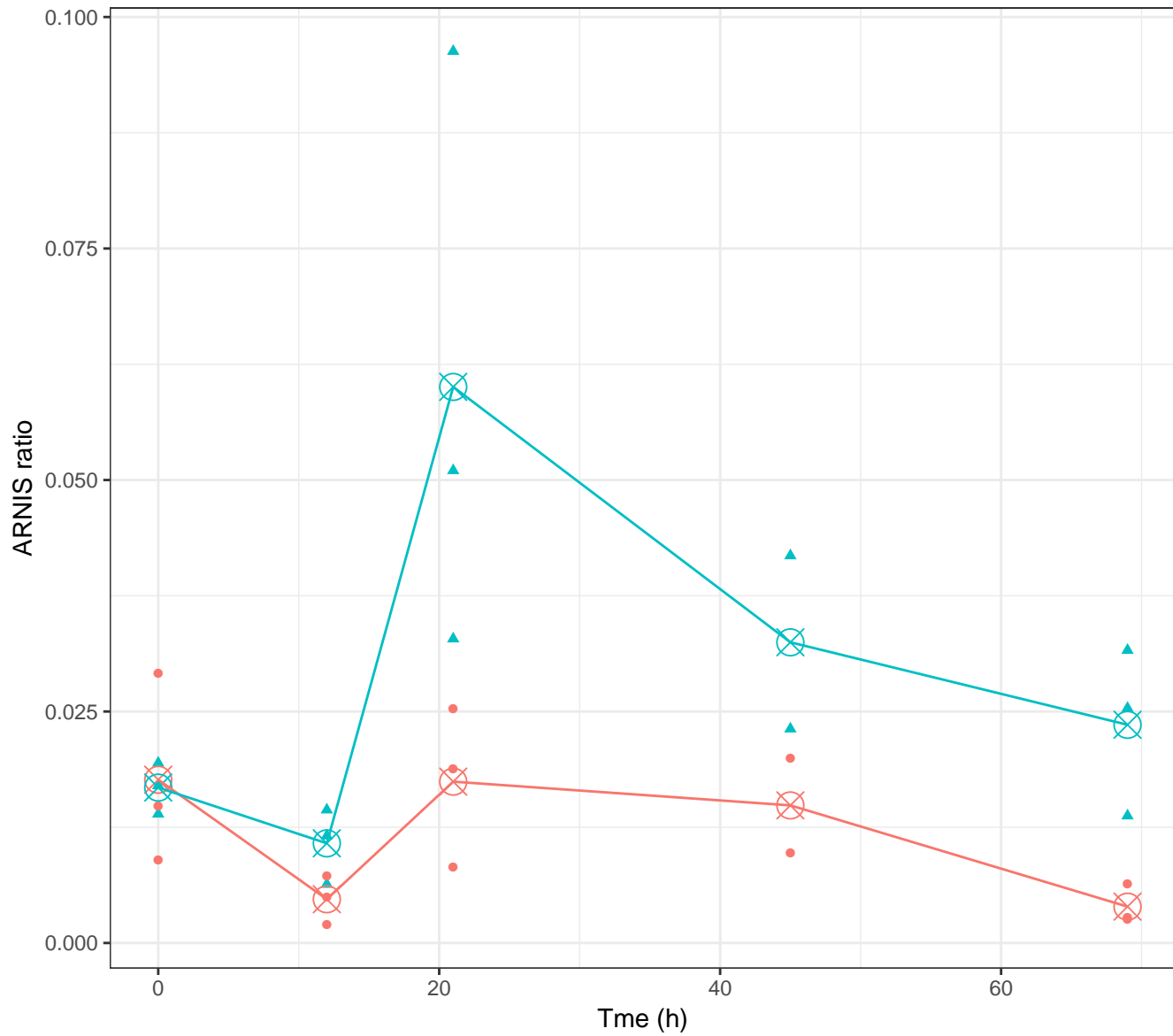
OTU.33_Bacteroidetes_Fluviicola

Treatment Control Filtered-1micron



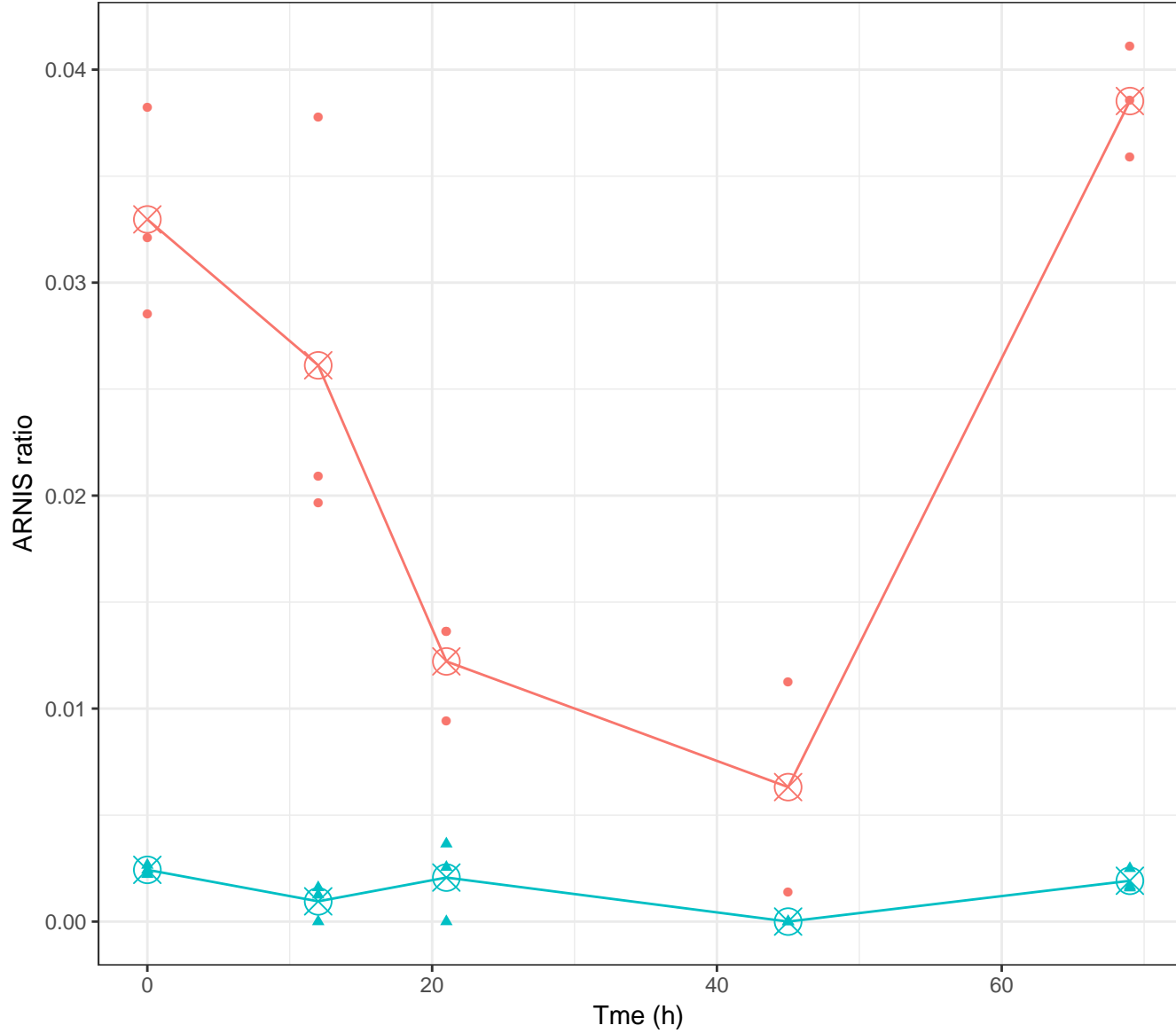
OTU.34_Bacteroidetes_Sphingobacteriales

Treatment Control Filtered-1micron





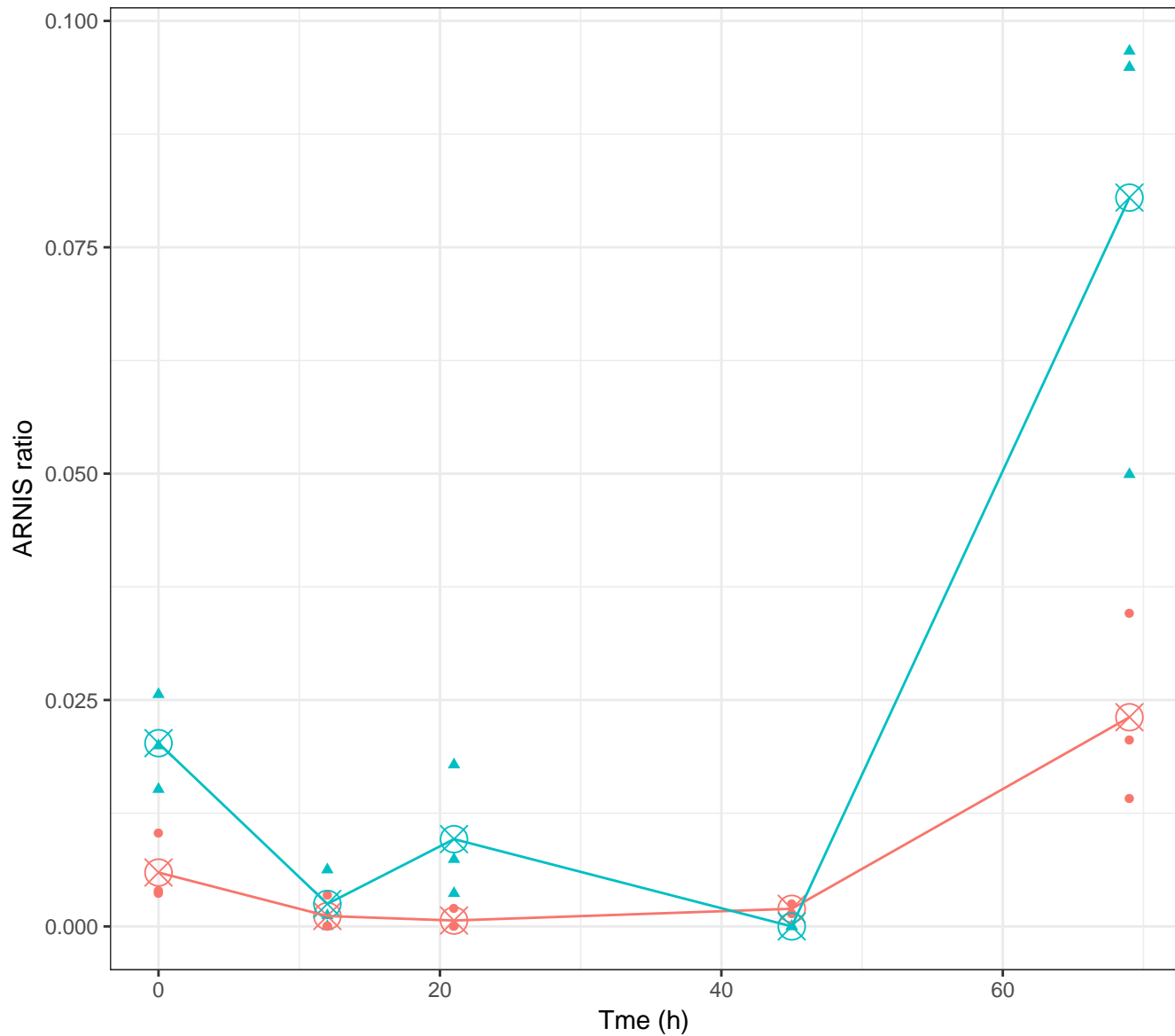
OTU.302_Betaproteobacteria_Lautropia

Treatment Control Filtered-1micron



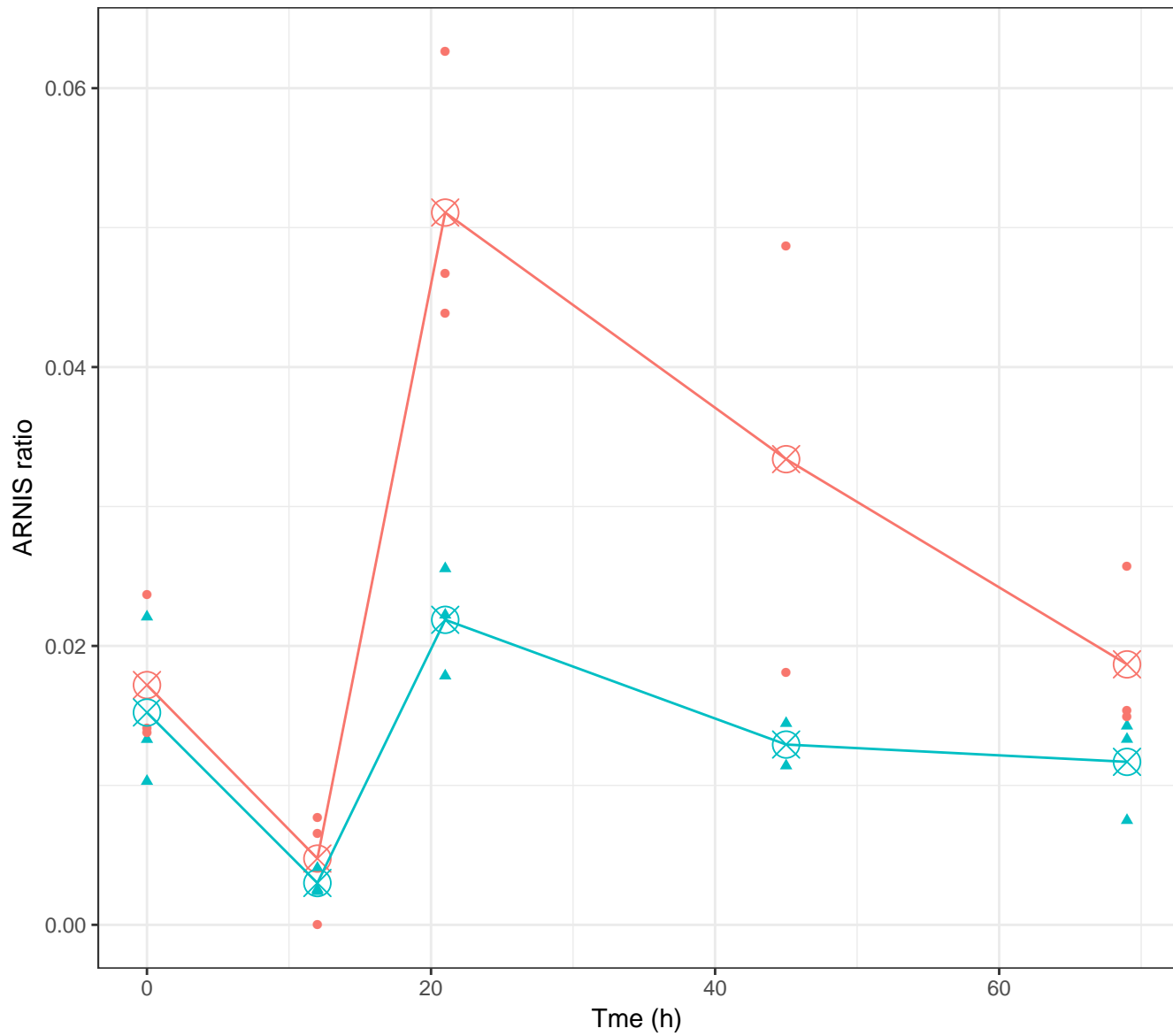
OTU.556_Actinobacteria_Candidatus_Planktophila

Treatment  Control  Filtered-1micron



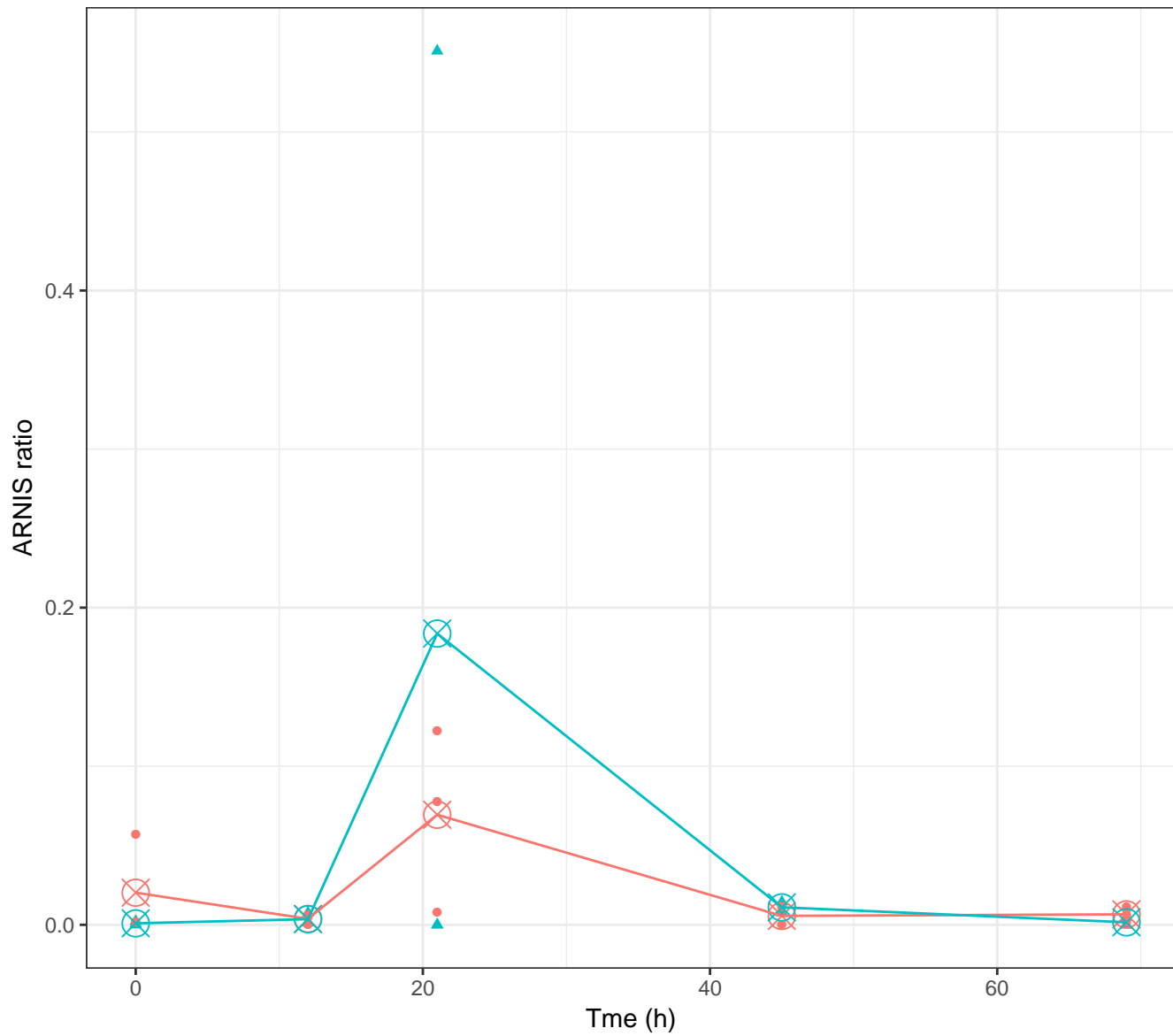
OTU.303_Deltaproteobacteria_Peridibacter

Treatment Control Filtered-1micron



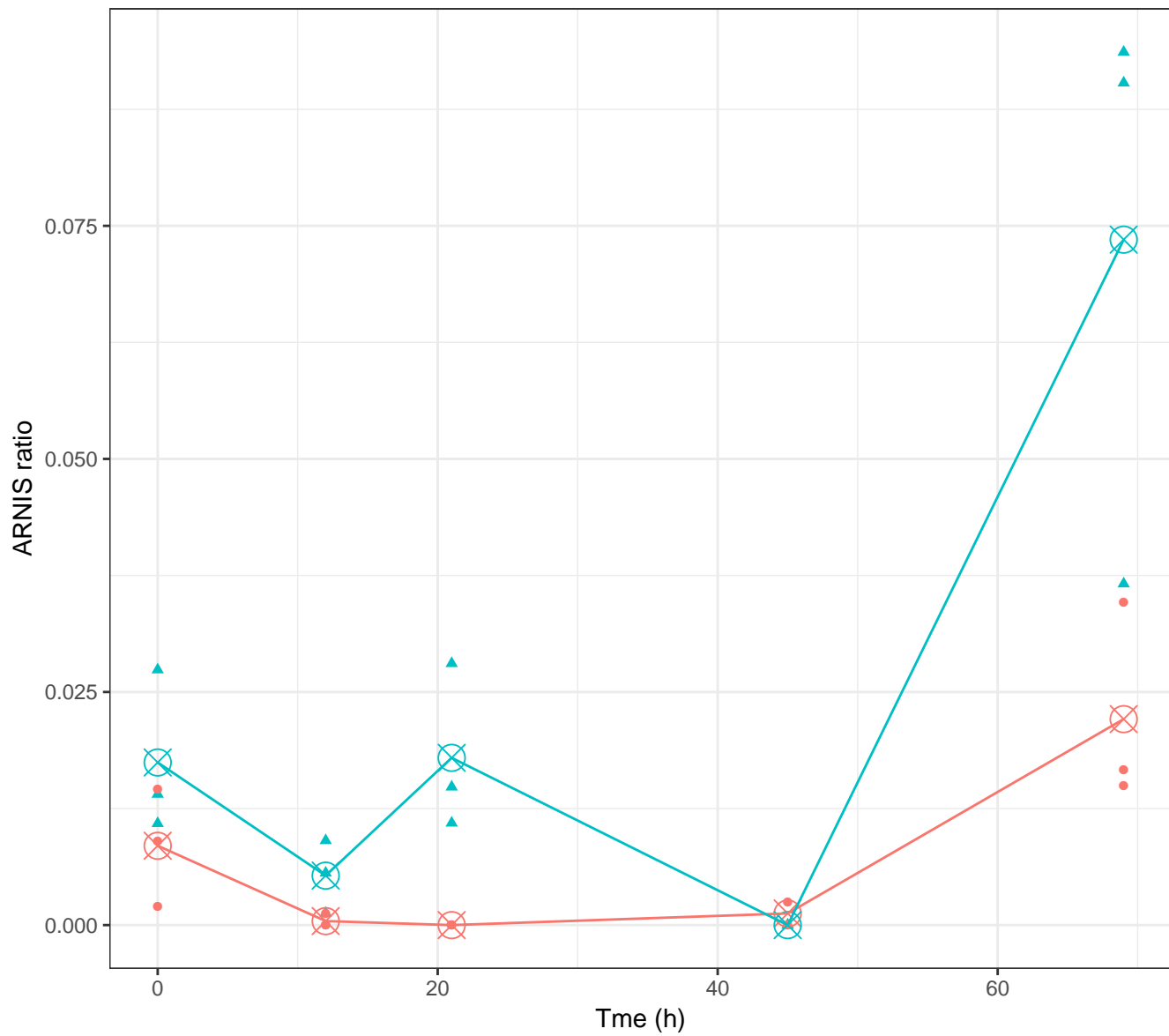


OTU.371_Gammaproteobacteria_Silanimonas

Treatment Control Filtered-1micron

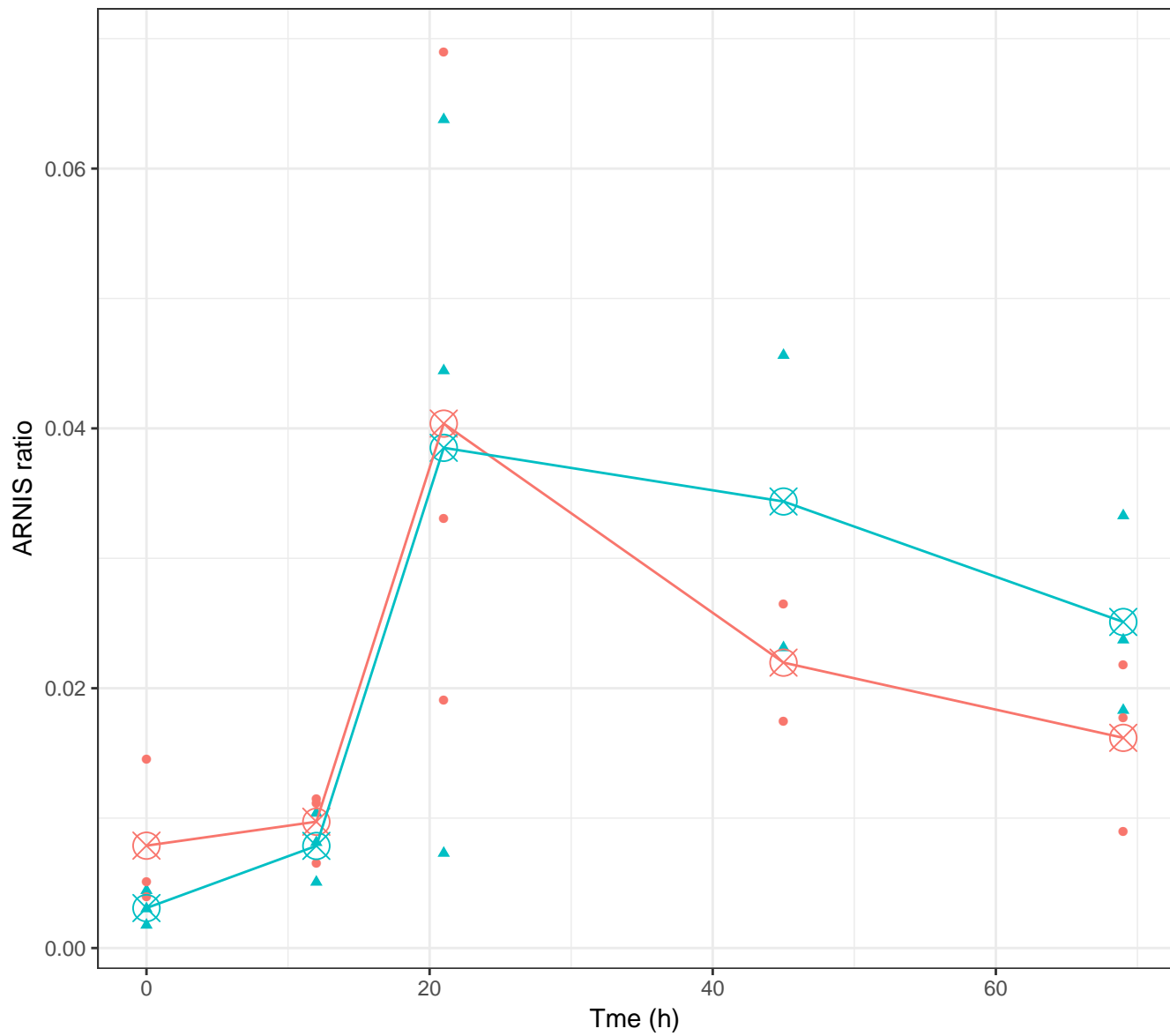


OTU.507_Actinobacteria_clade_acl.A1

Treatment  Control  Filtered-1micron

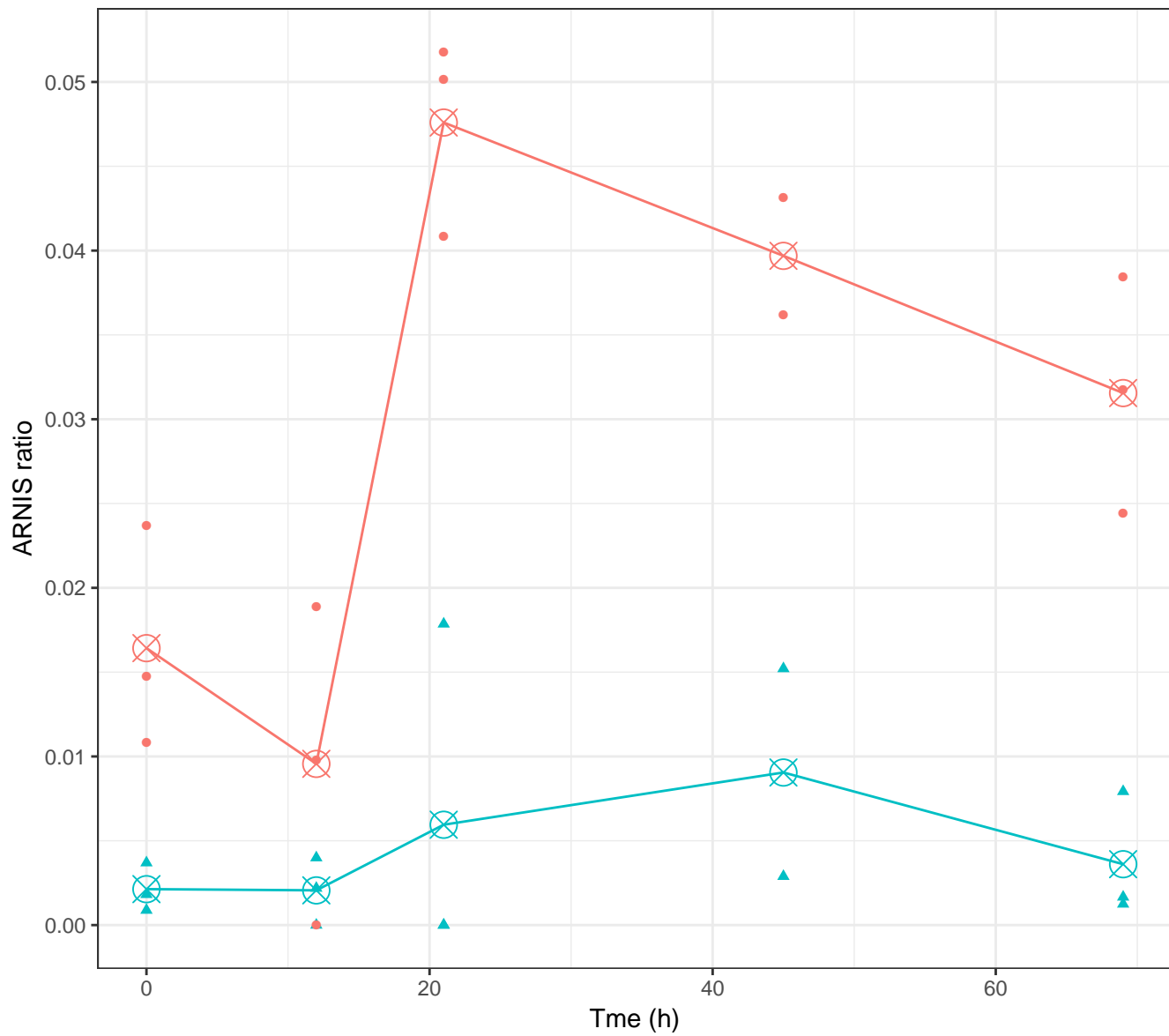
OTU.76_Bacteroidetes_Flavobacterium

Treatment Control Filtered-1micron



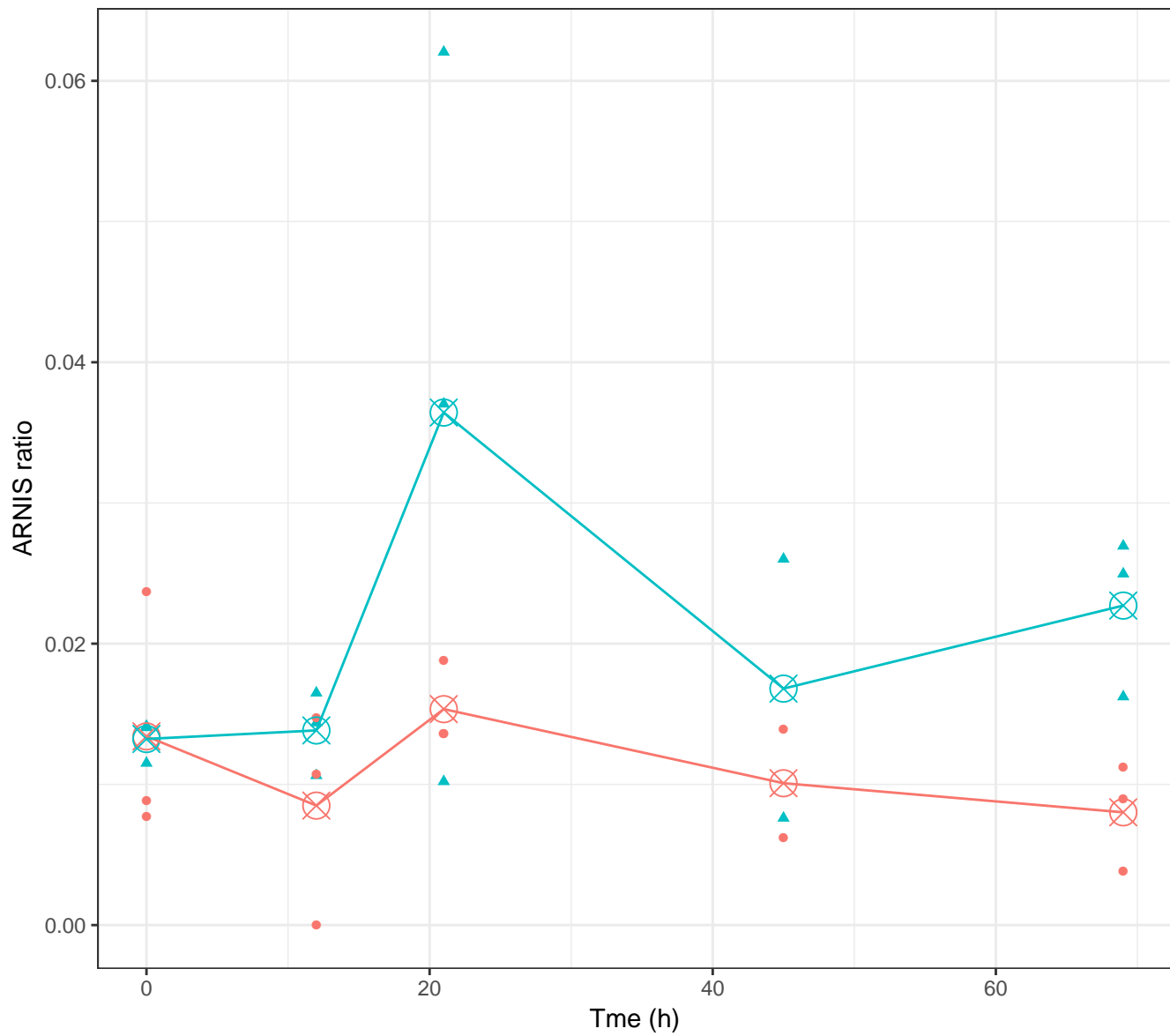
OTU.317_Bacteroidetes_PHOS.HE51

Treatment Control Filtered-1micron



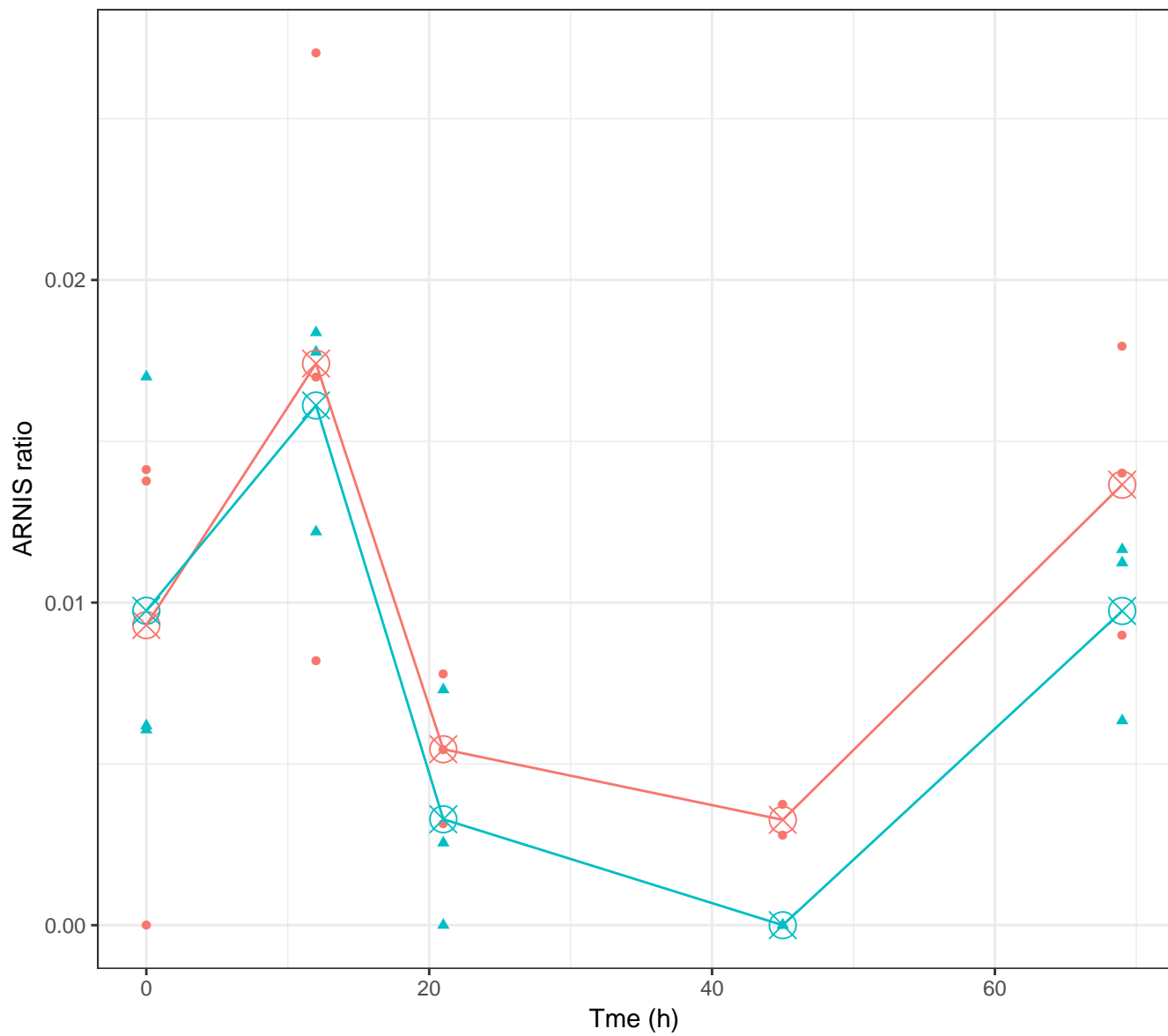
OTU.52_Actinobacteria_clade_acl.C1

Treatment Control Filtered-1micron





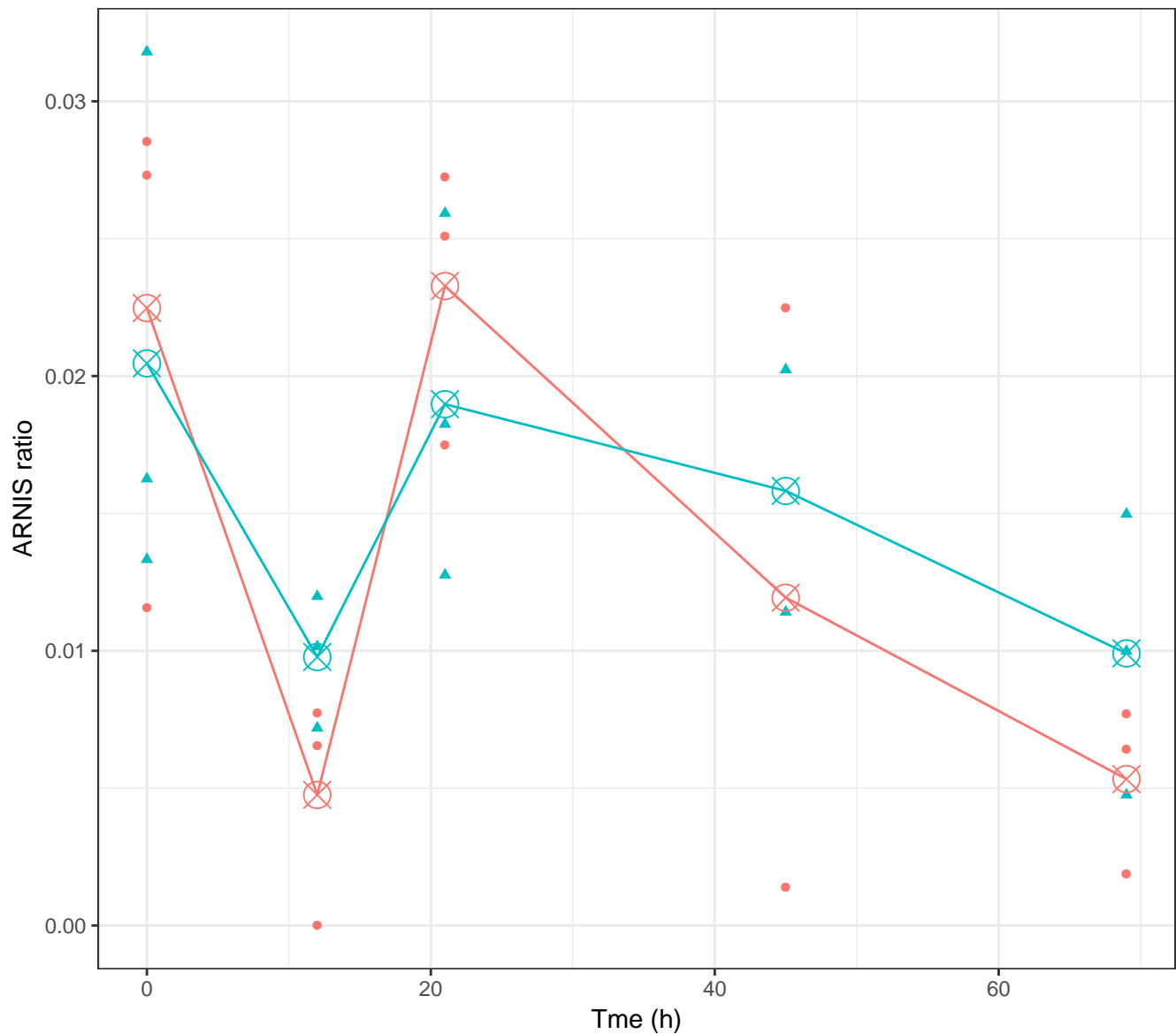
OTU.32_Actinobacteria_Illumatobacter

Treatment Control Filtered-1micron



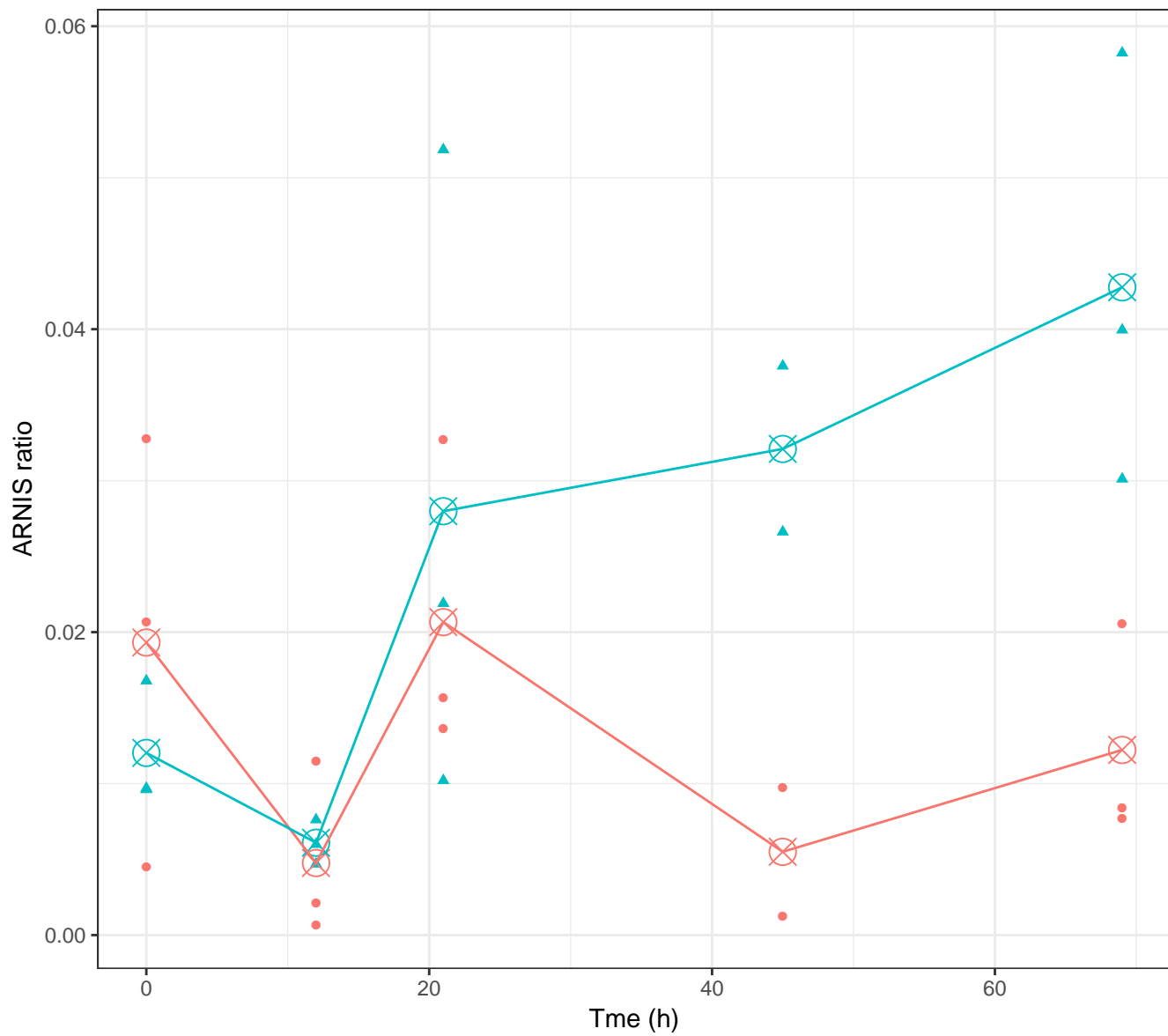
OTU.606_Betaproteobacteria_Sulfuritalea

Treatment  Control  Filtered-1micron



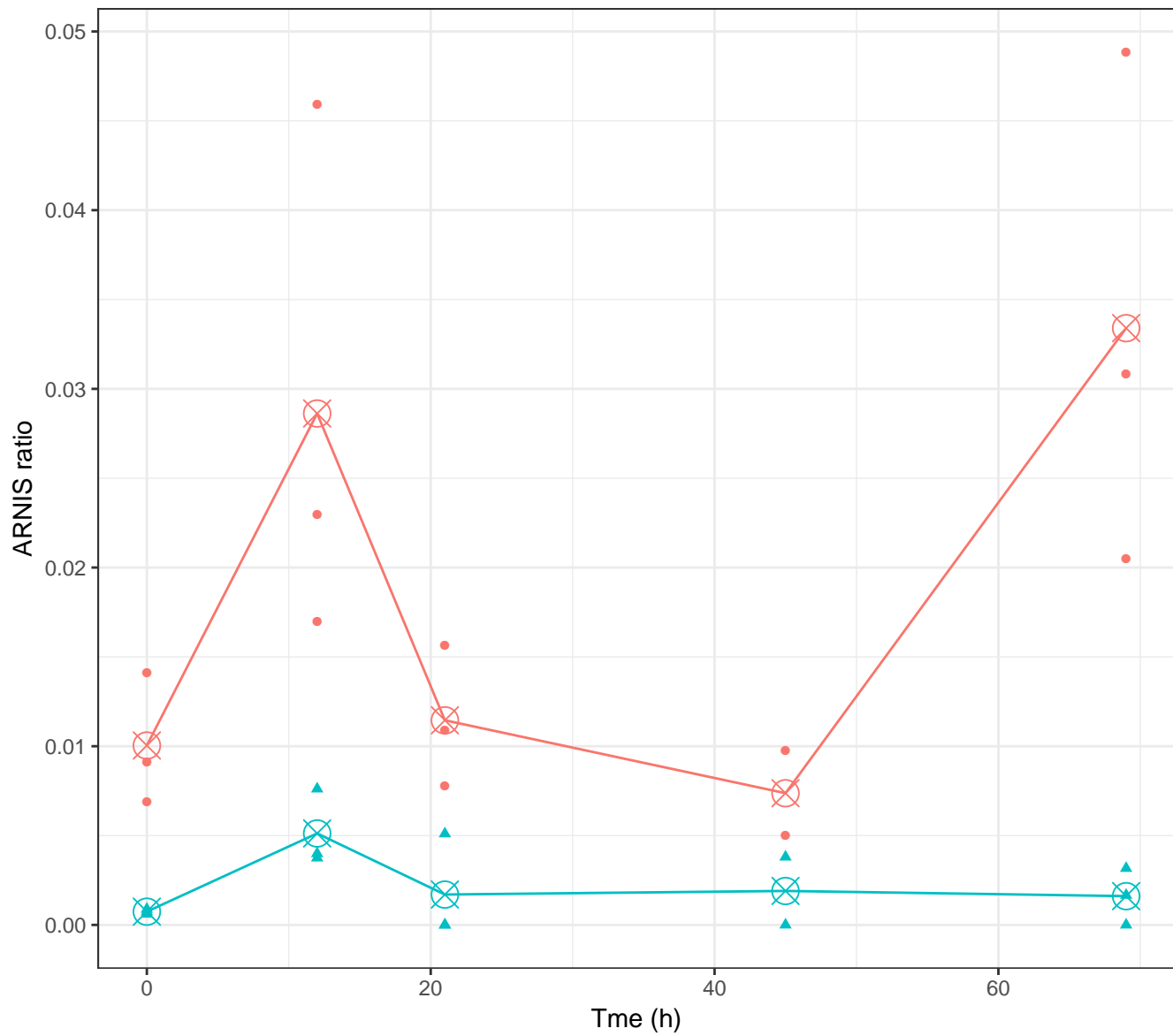
OTU.527_Verrucomicrobia_Chthoniobacterales

Treatment Control Filtered-1micron





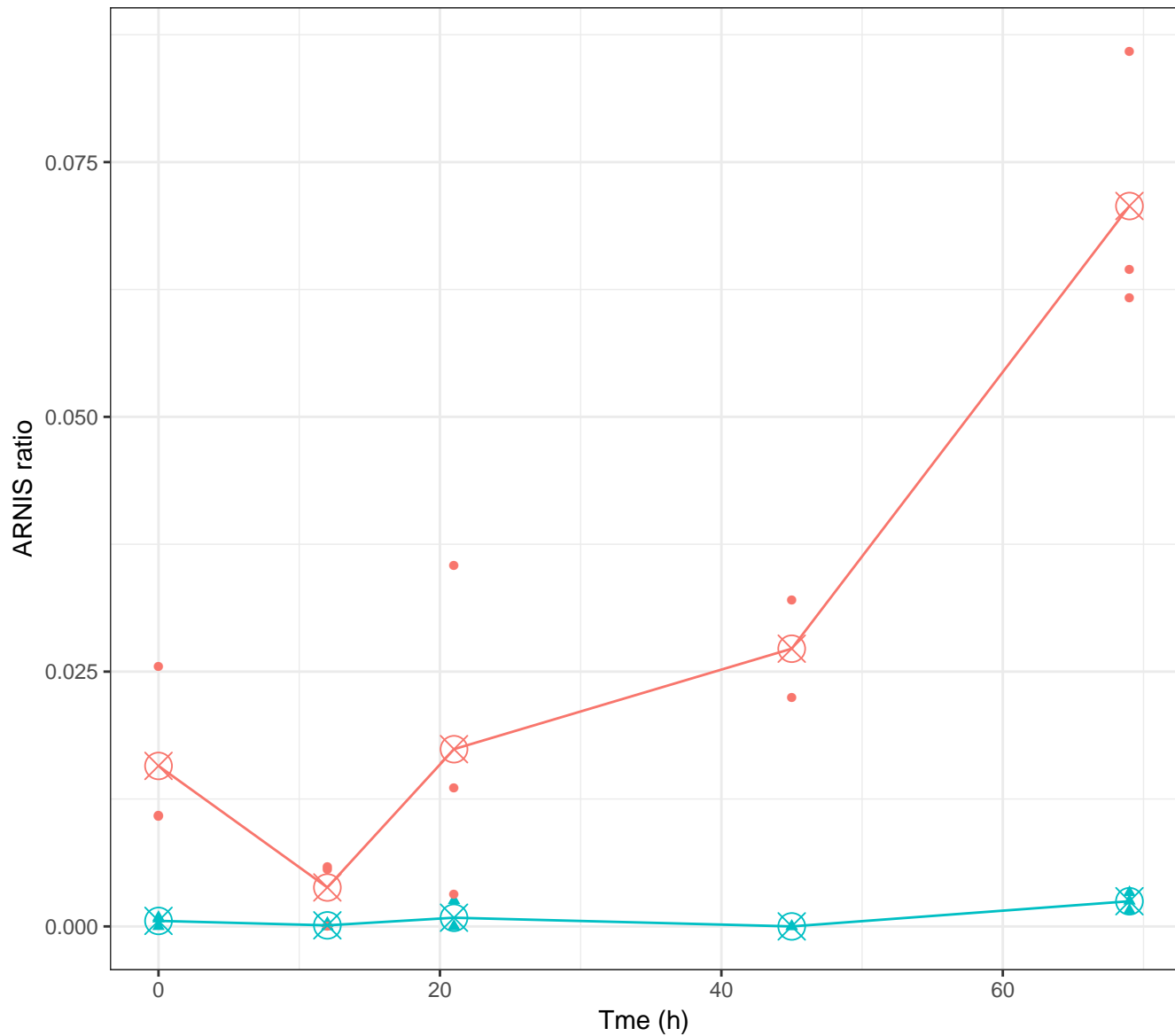
OTU.388_Actinobacteria_CL500.29_marine_group.freshwater_acIV.C_clade

Treatment ⊗ Control ⊗ Filtered-1micron



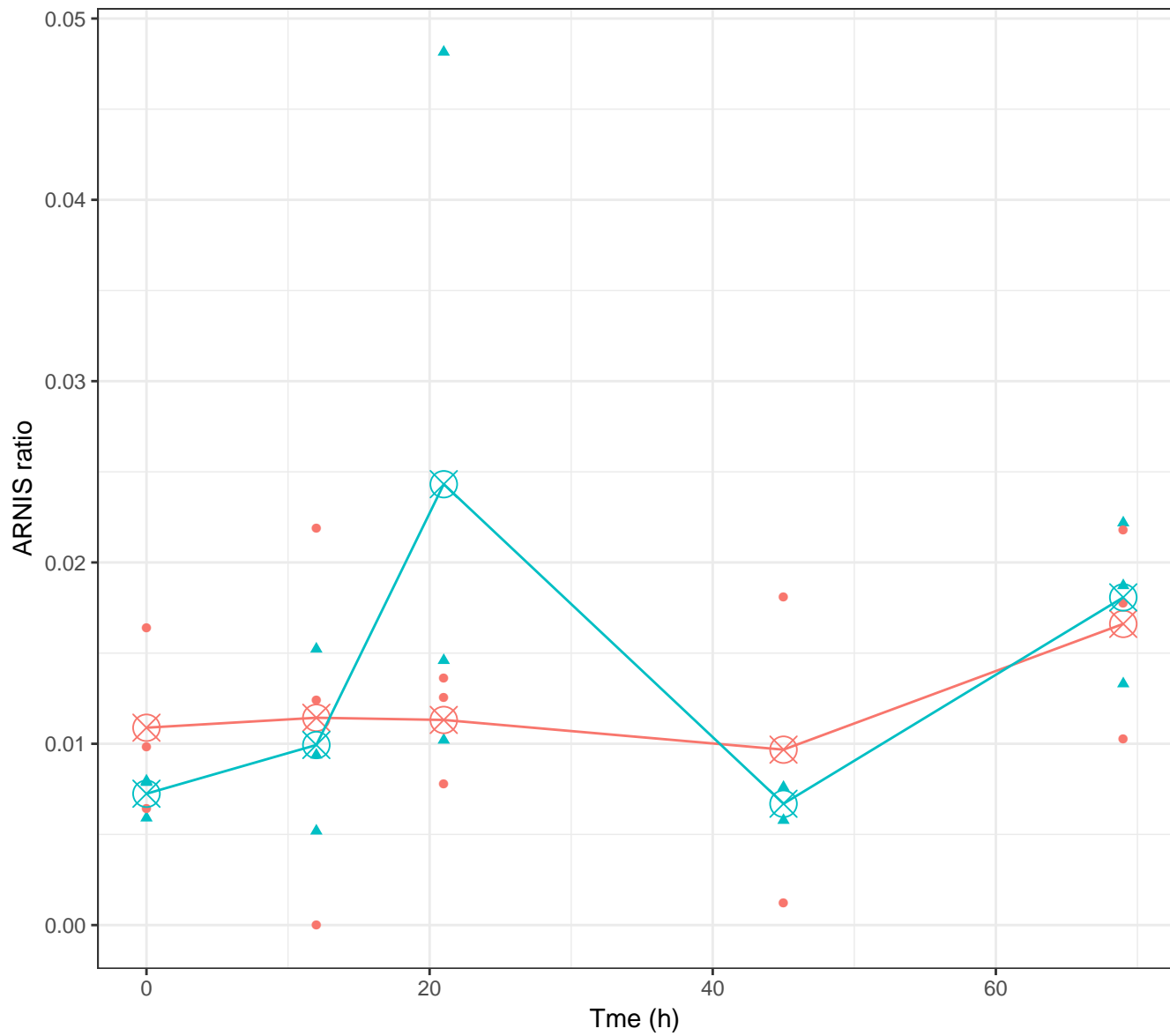
OTU.496_Alphaproteobacteria_Acetobacteraceae

Treatment  Control  Filtered-1micron





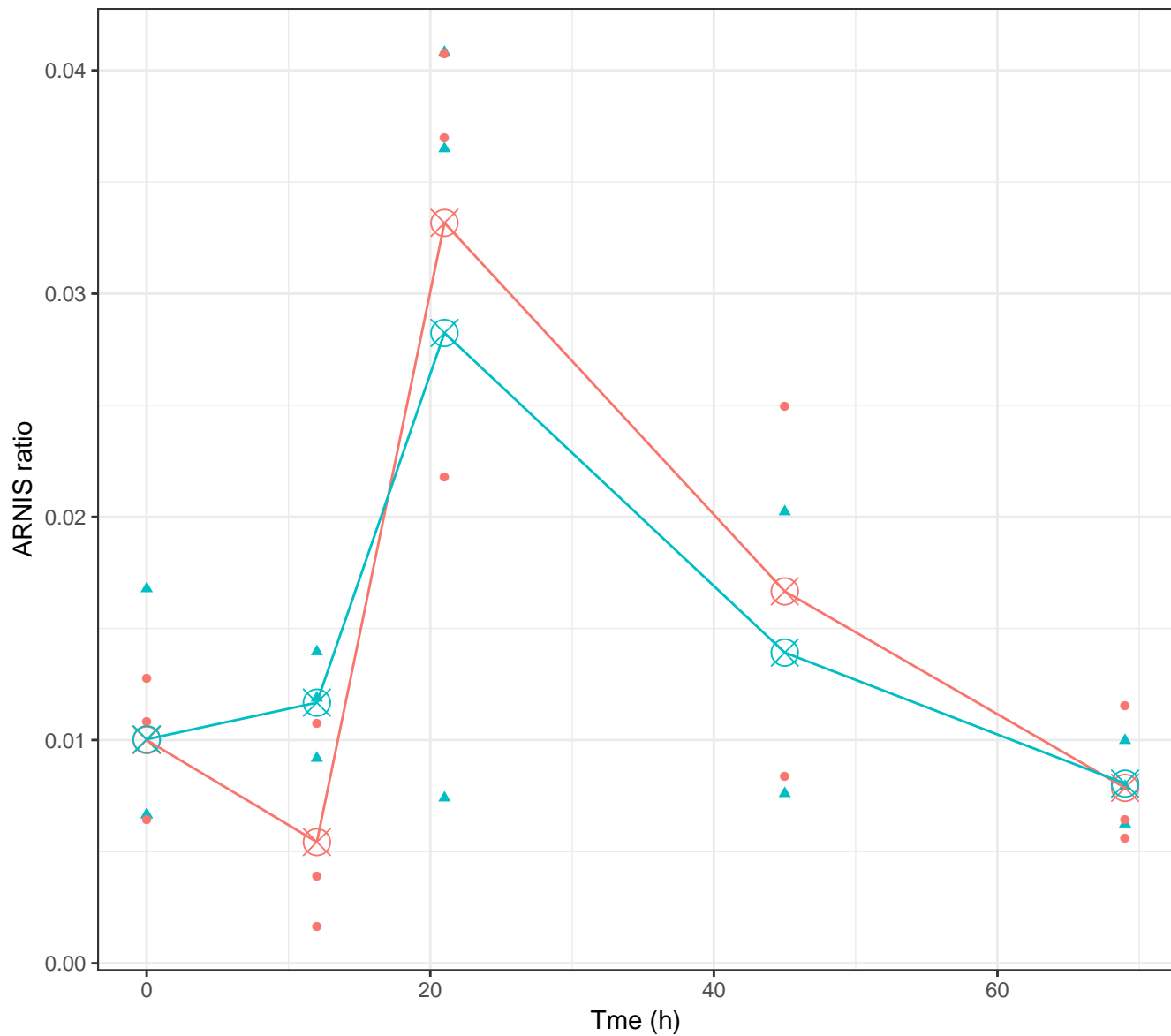
OTU.54_Actinobacteria_Acidimicrobiales

Treatment Control Filtered-1micron



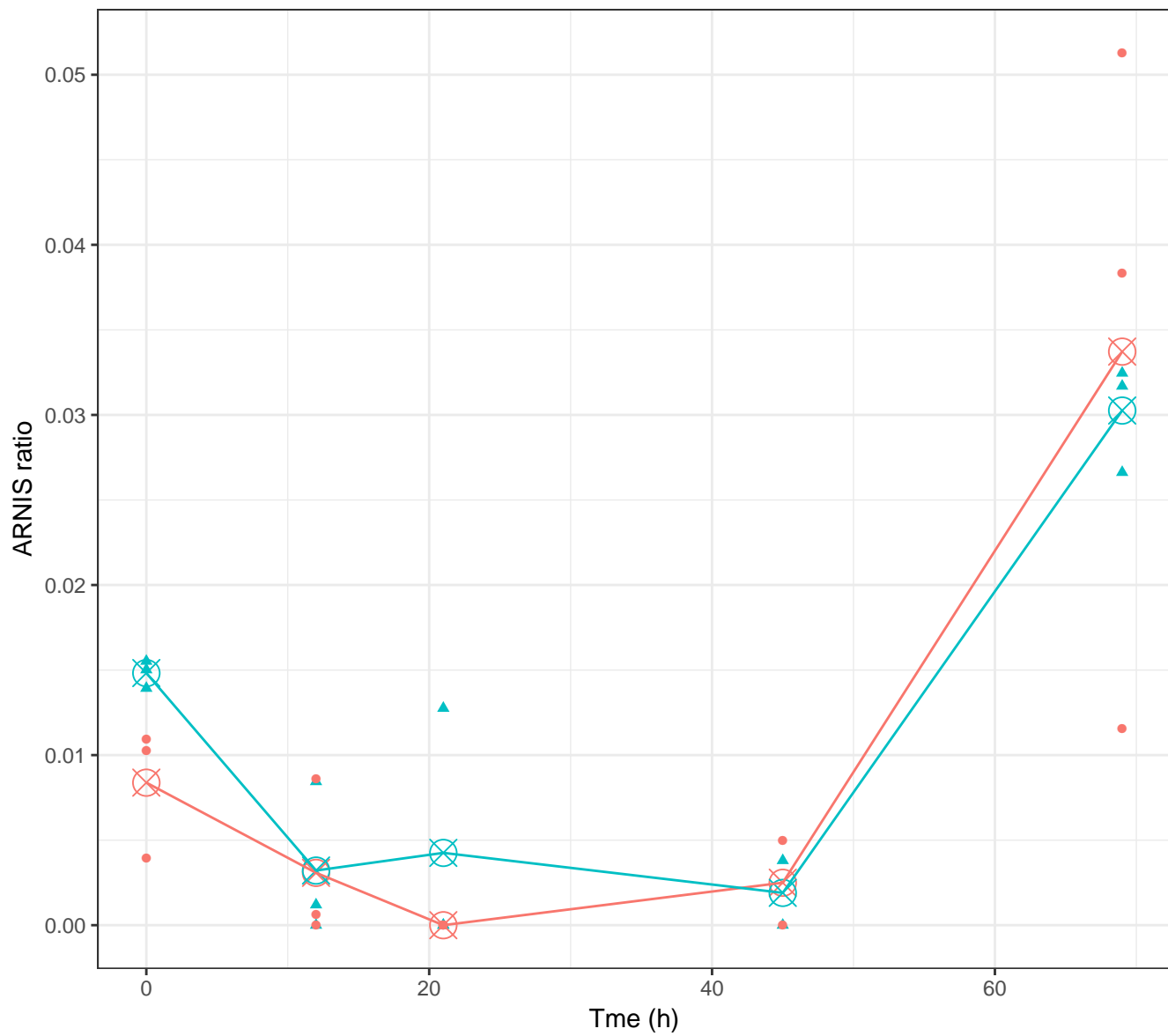
OTU.6410_Bacteroidetes_Flavobacteriaceae

Treatment  Control  Filtered-1micron



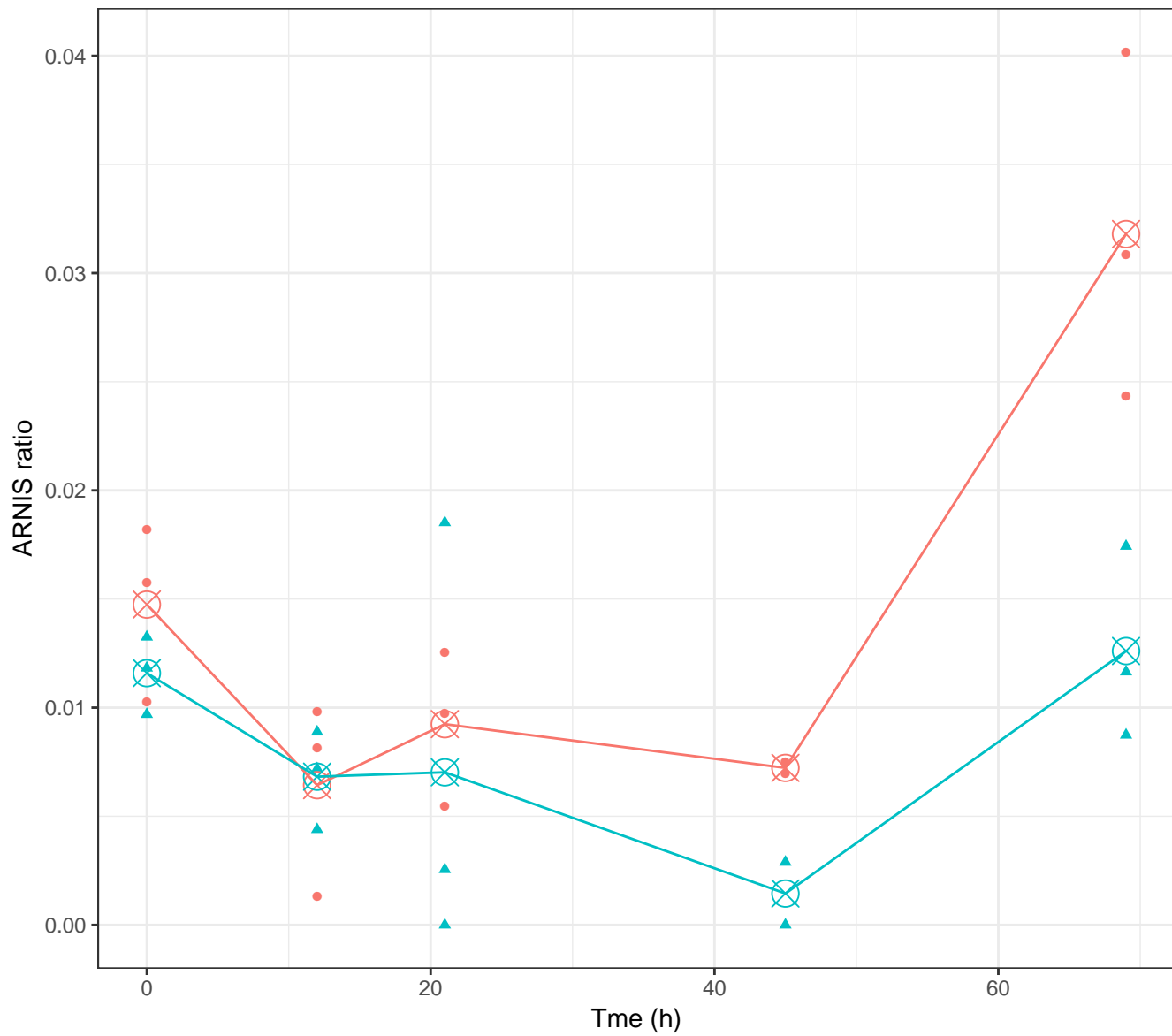
OTU.473_Actinobacteria_Candidatus_Limnoluna

Treatment Control Filtered-1micron



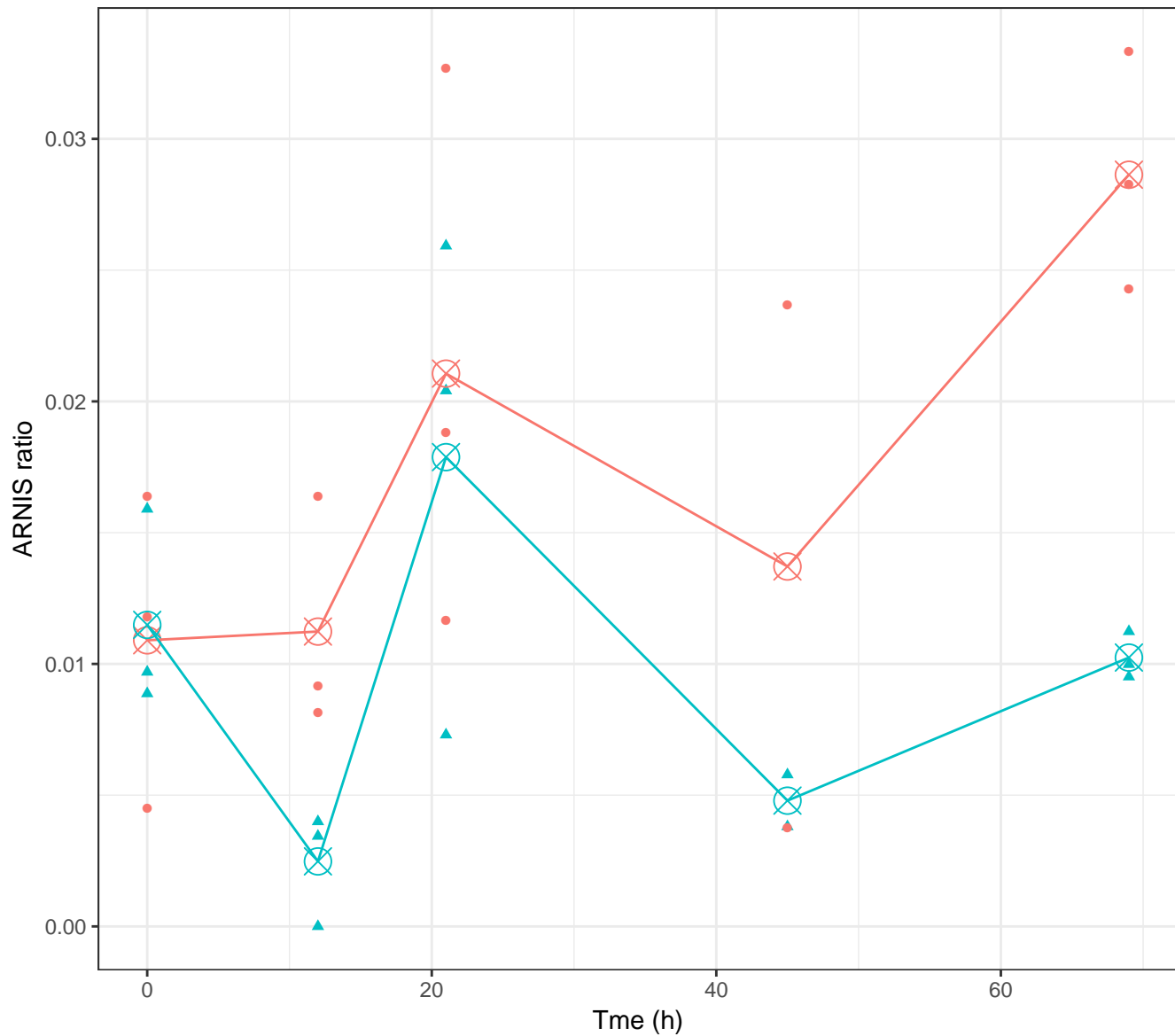
OTU.360_Alphaproteobacteria_Rhodospirillales

Treatment Control Filtered-1micron



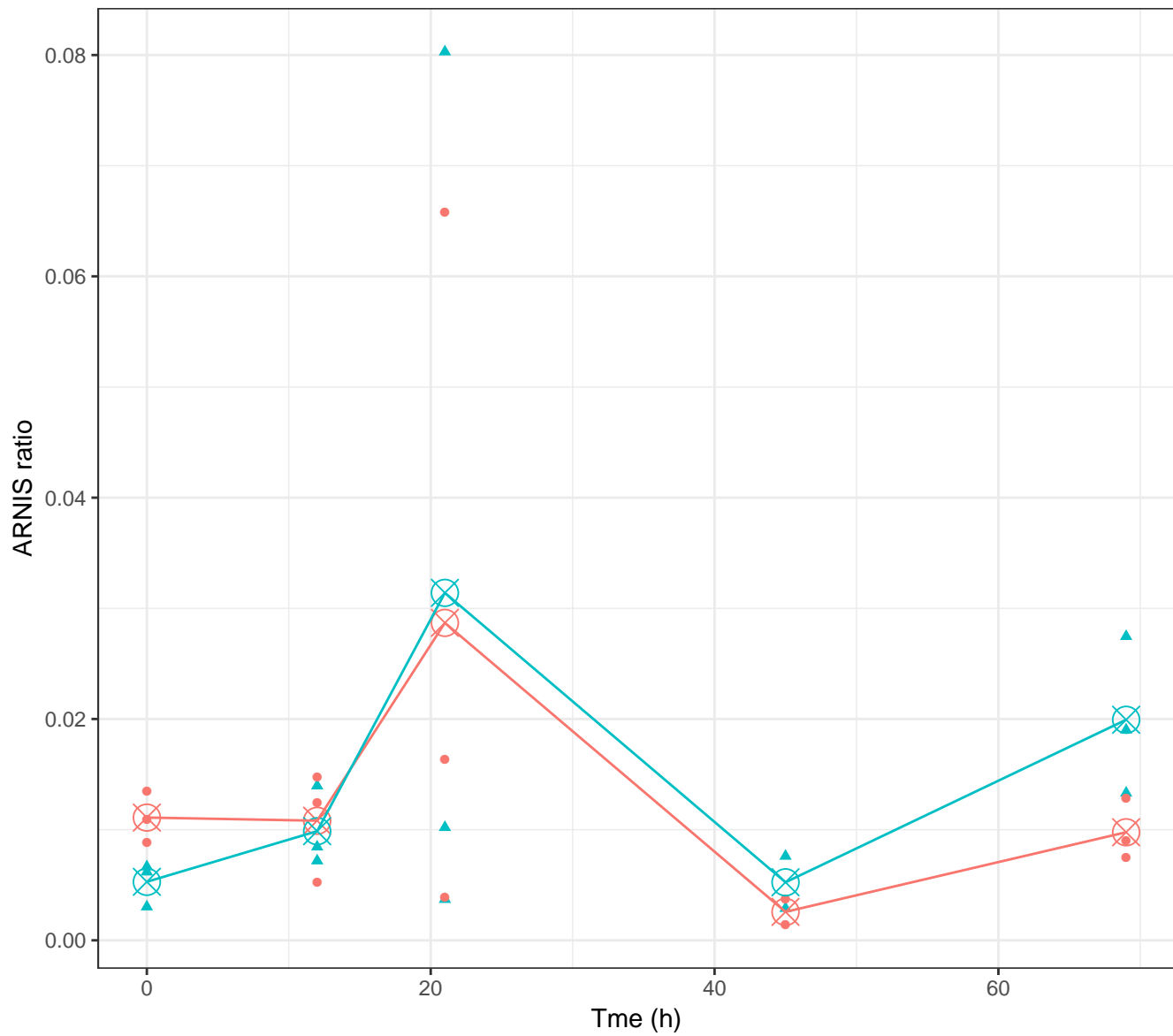
OTU.917_Verrucomicrobia_FukuN18_freshwater_group

Treatment ⊗ Control ⊗ Filtered-1micron



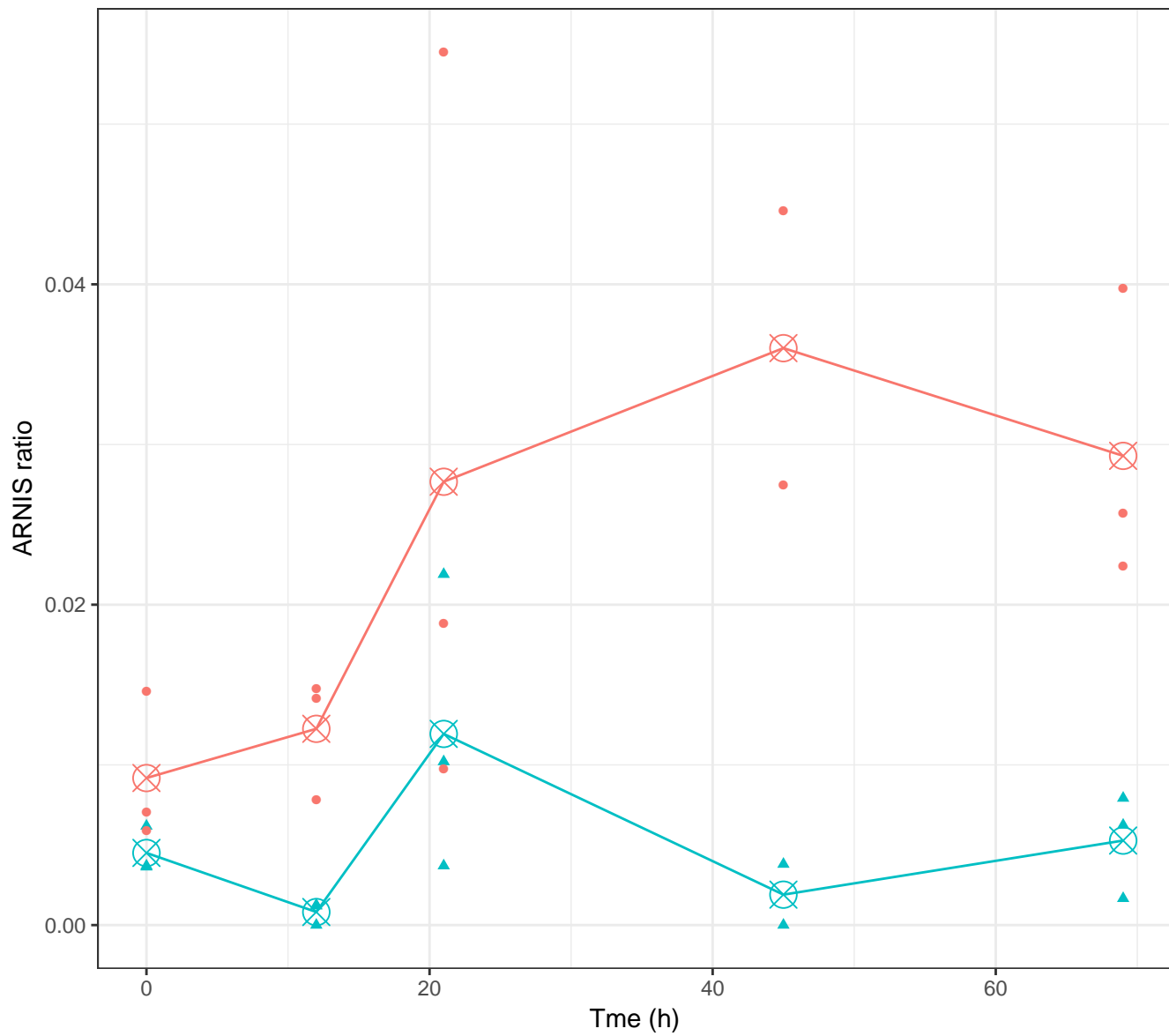
OTU.432_Alphaproteobacteria_Roseomonas

Treatment Control Filtered-1micron



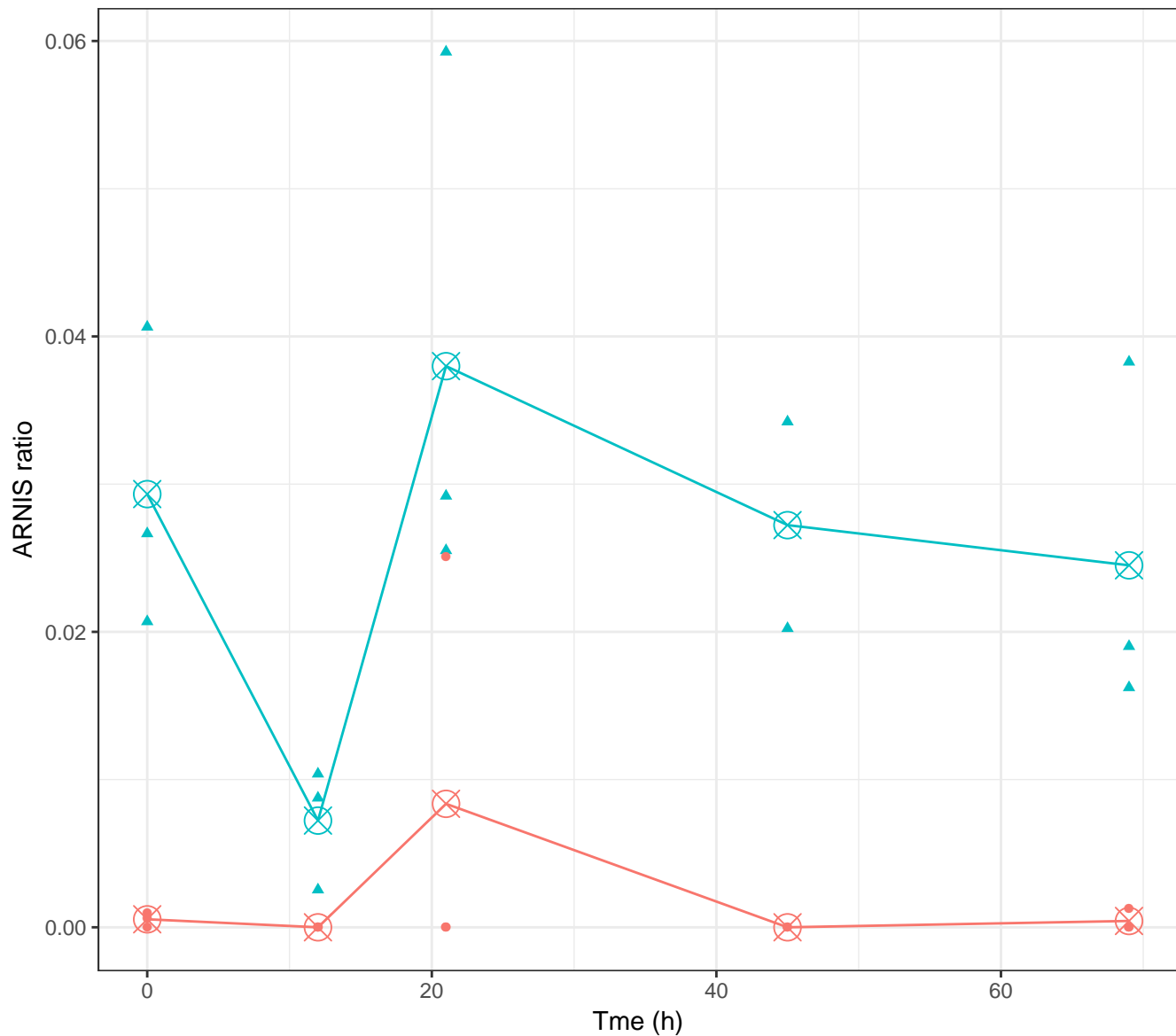
OTU.435_Verrucomicrobia_Verrucomicrobiales_DEV007

Treatment Control Filtered-1micron



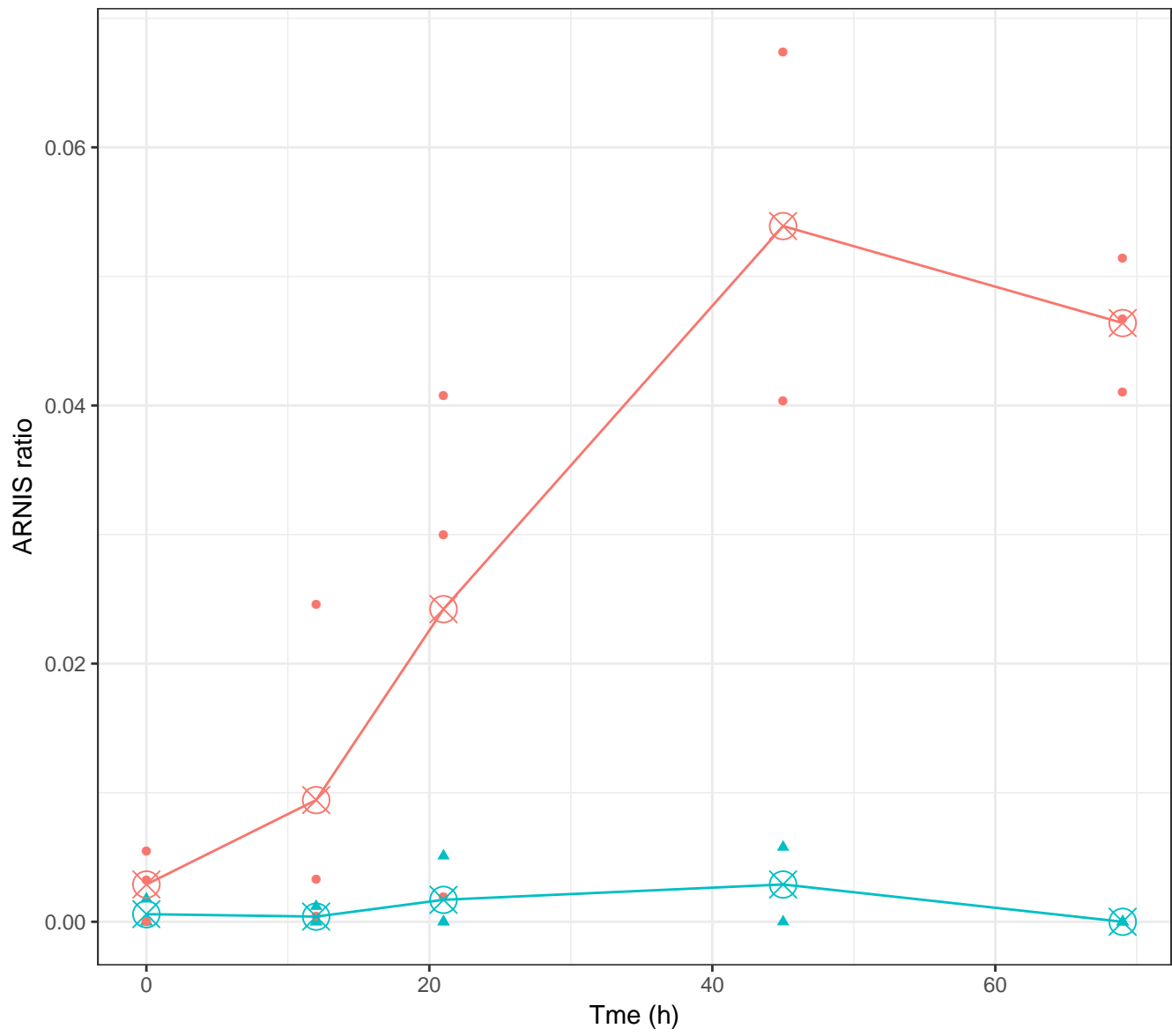
OTU.355_Betaproteobacteria_Collimonas

Treatment Control Filtered-1micron



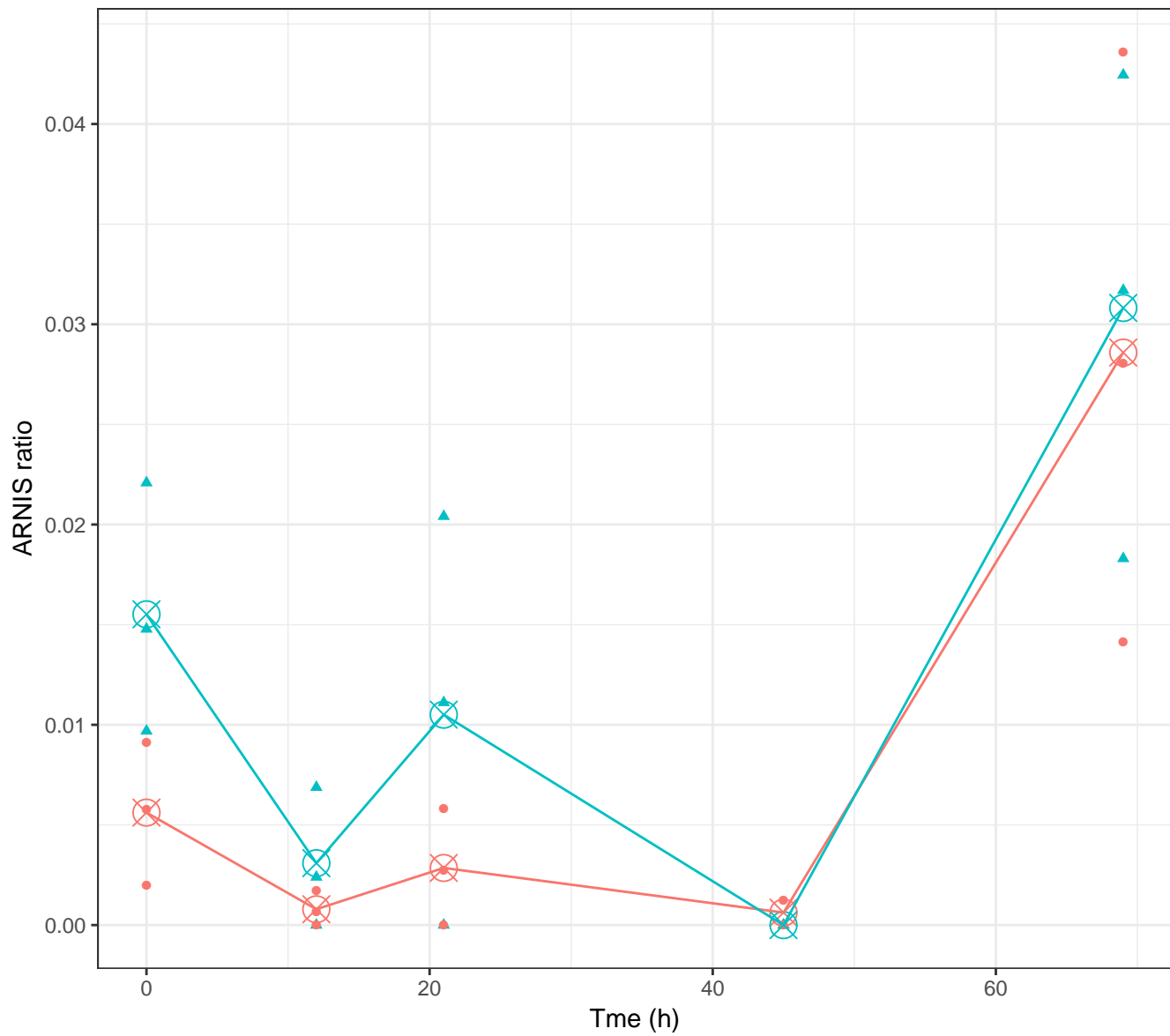
OTU.379_Gammaproteobacteria_CHAB.XI.27

Treatment ⊗ Control ⊗ Filtered-1micron





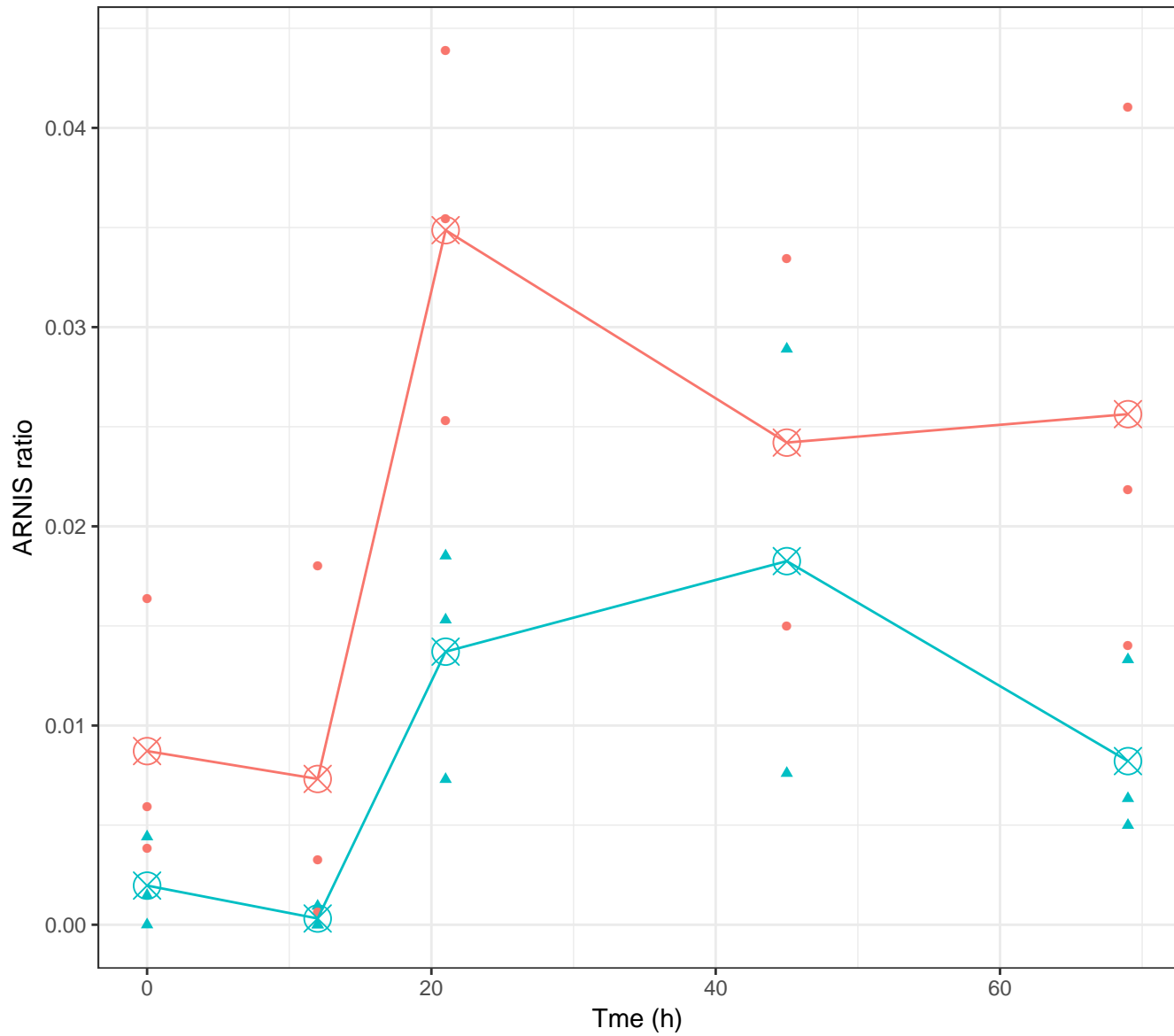
OTU.461_Actinobacteria_clade_acl.A

Treatment Control Filtered-1micron



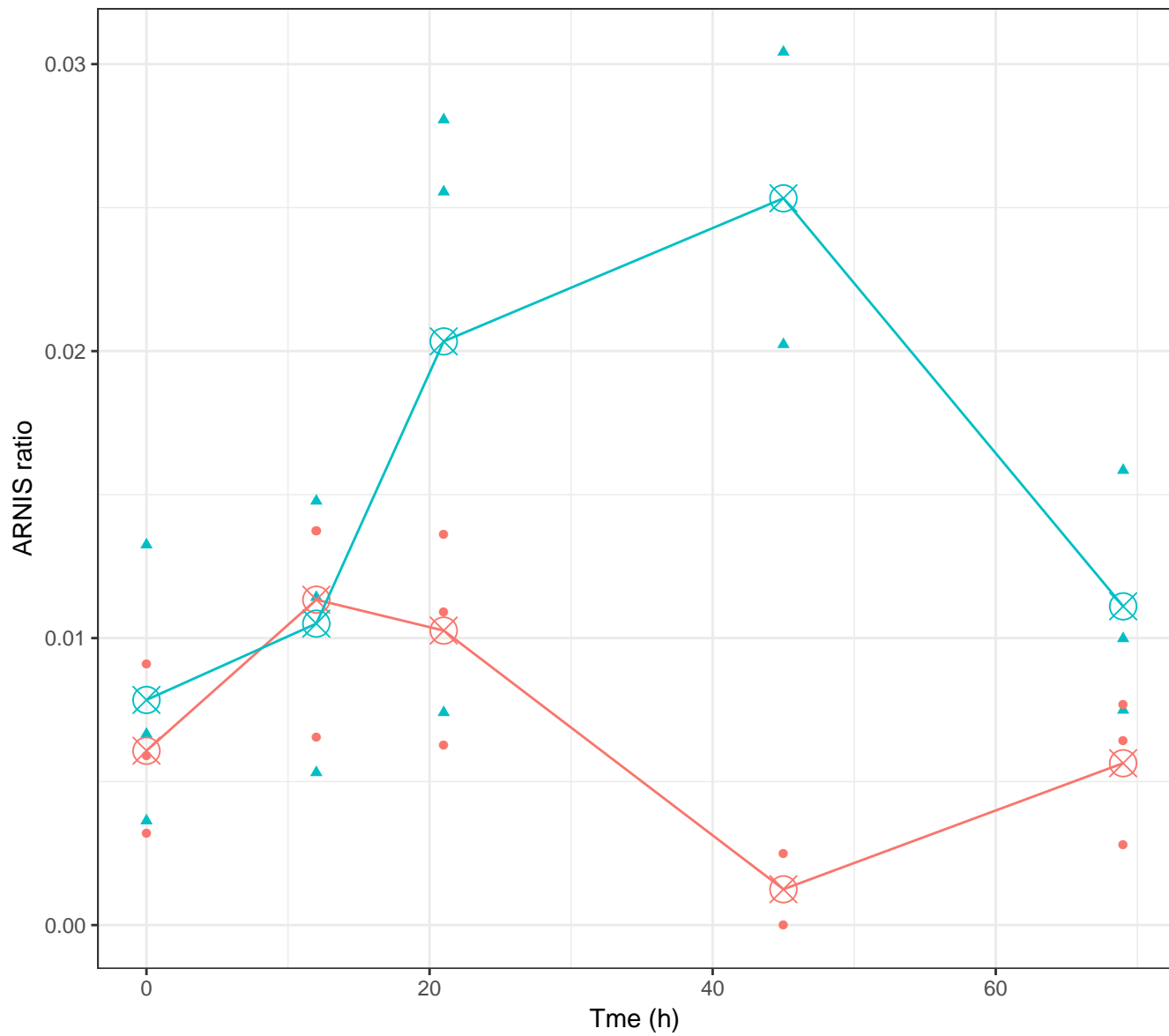
OTU.375_Bacteroidetes_NS9_marine_group

Treatment  Control  Filtered-1micron



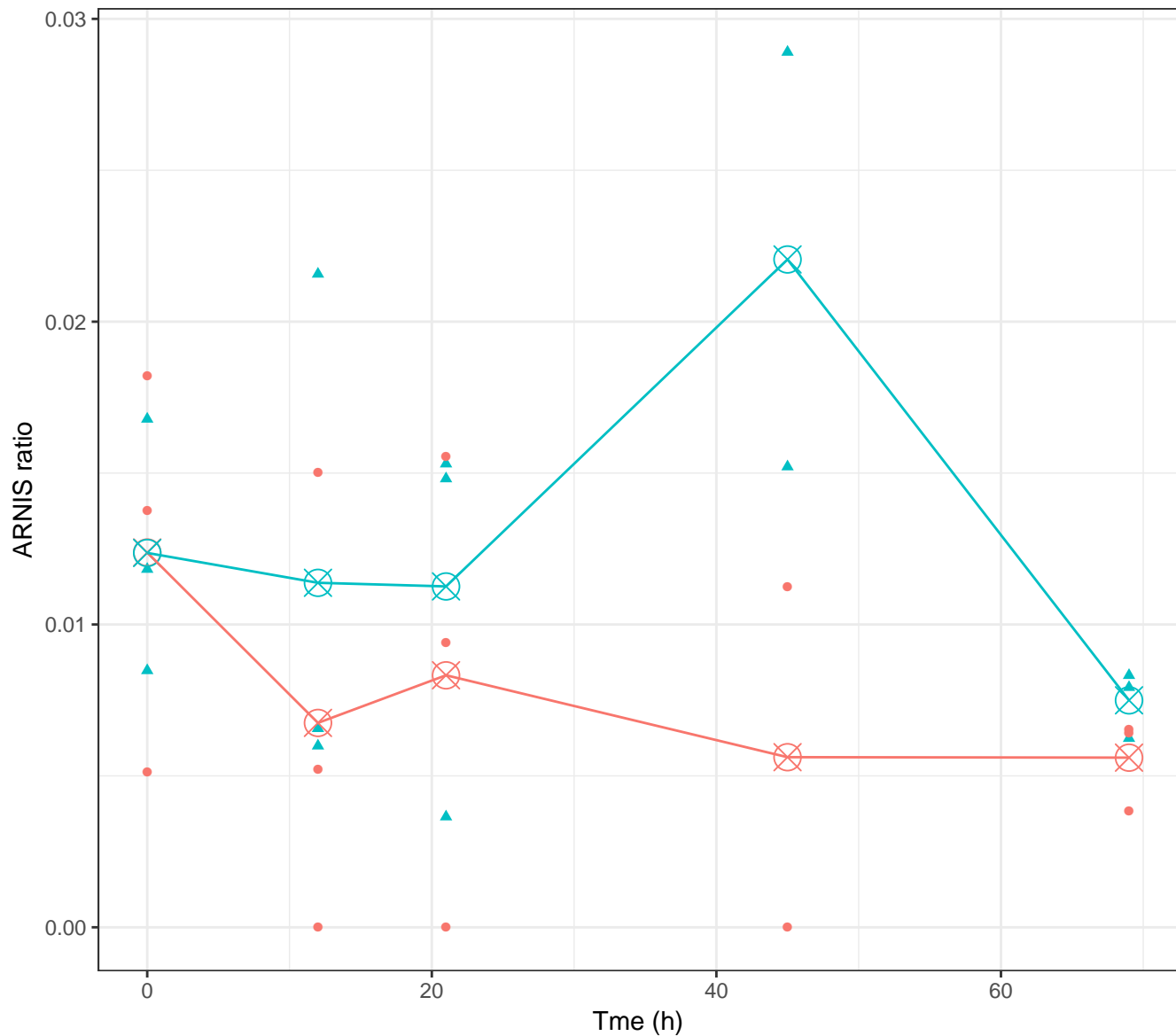
OTU.8_Bacteroidetes_Sediminibacterium

Treatment Control Filtered-1micron



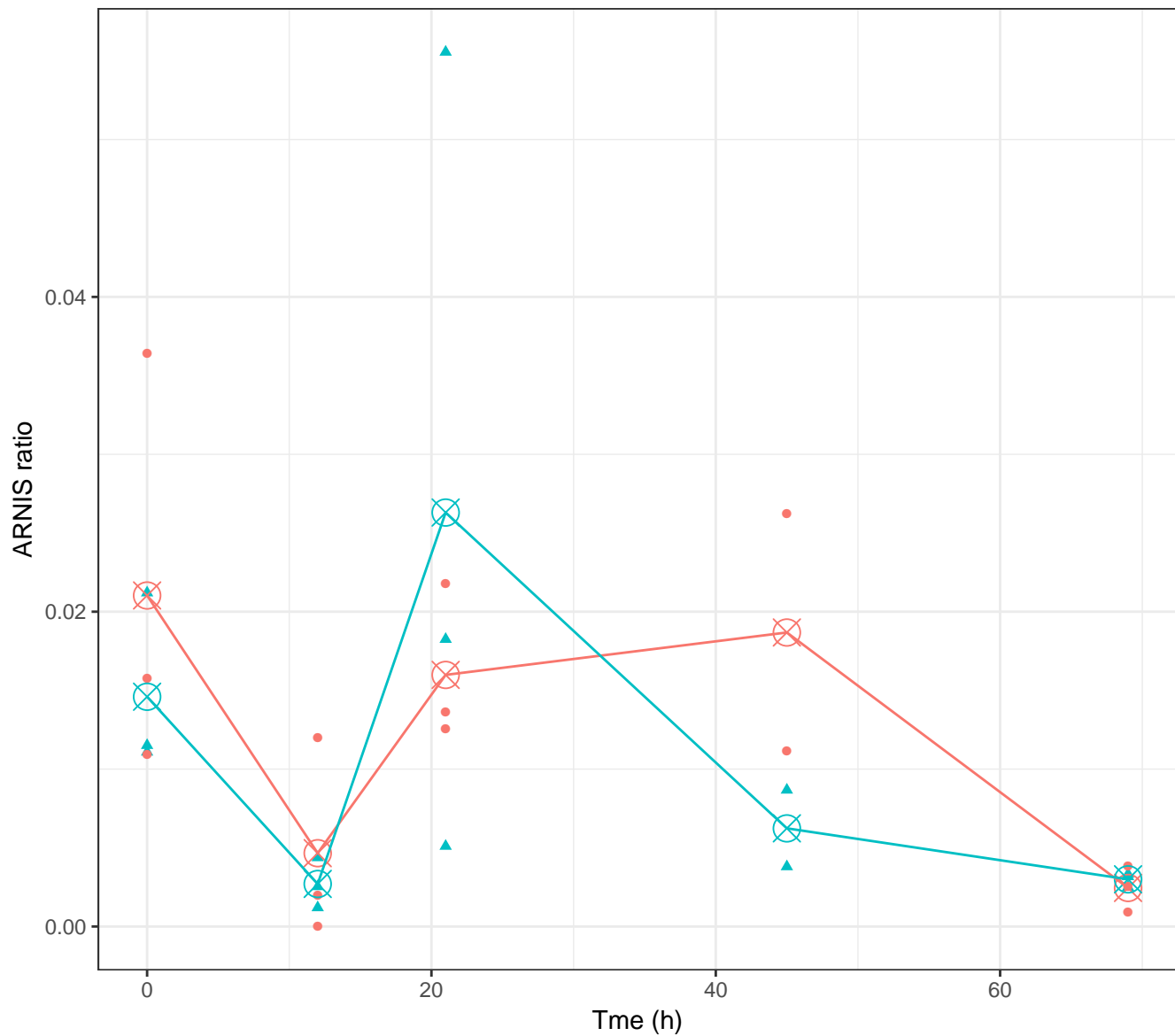
OTU.616_Betaproteobacteria_Rhodocyclaceae

Treatment ⊗ Control ⊗ Filtered-1micron



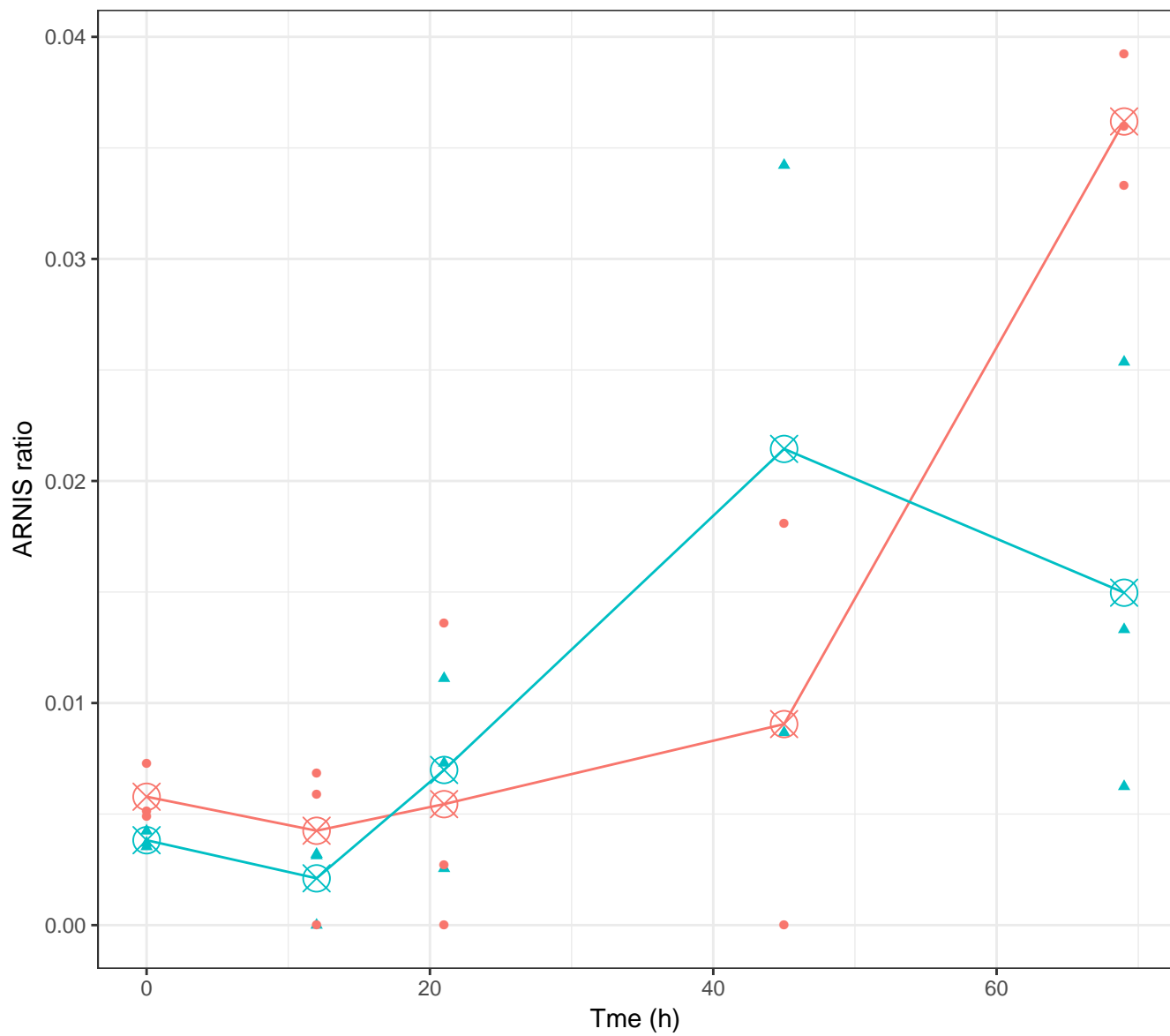
OTU.2231_Planctomyces_Planctomycetaceae

Treatment Control Filtered-1micron



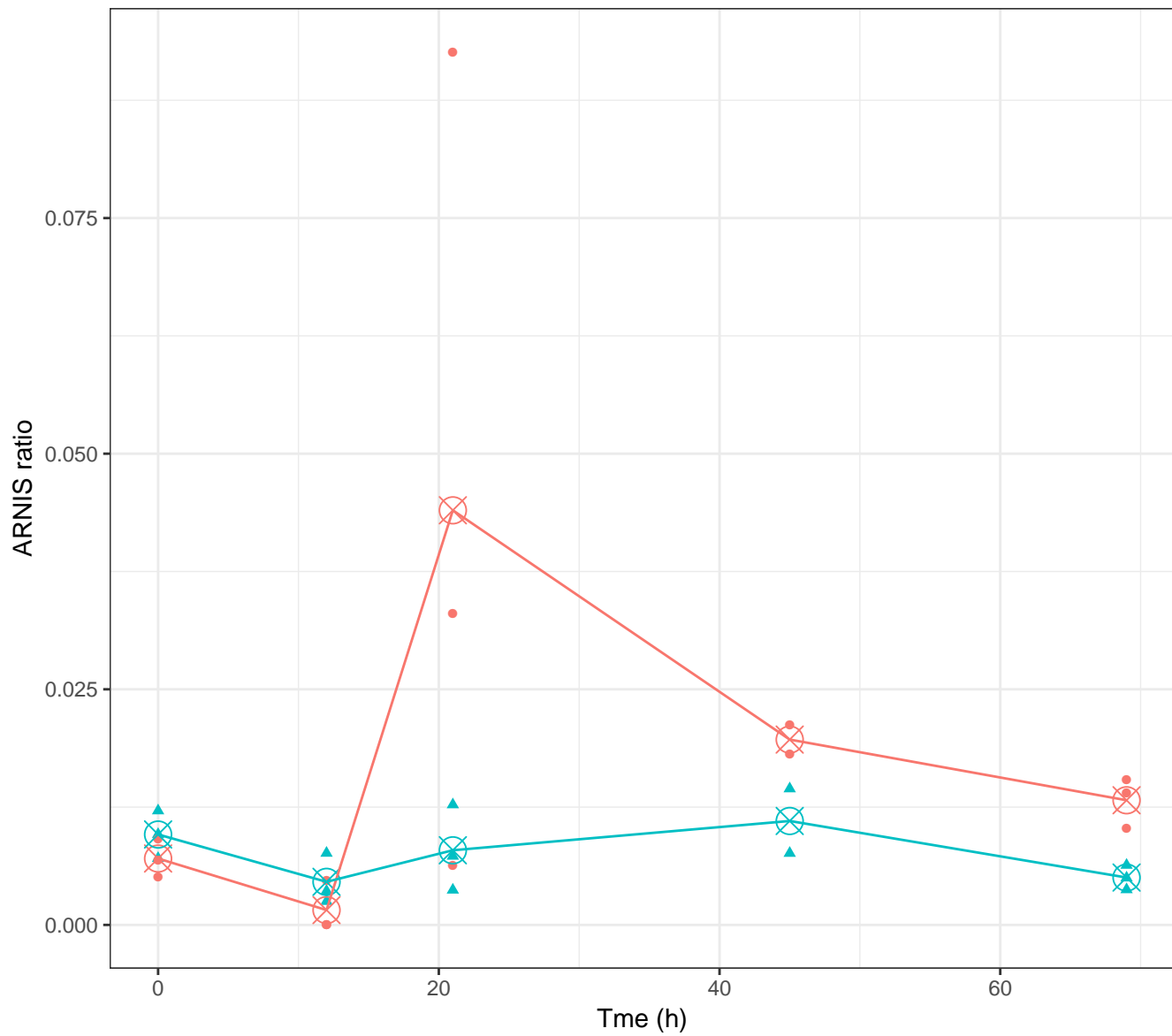
OTU.744_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



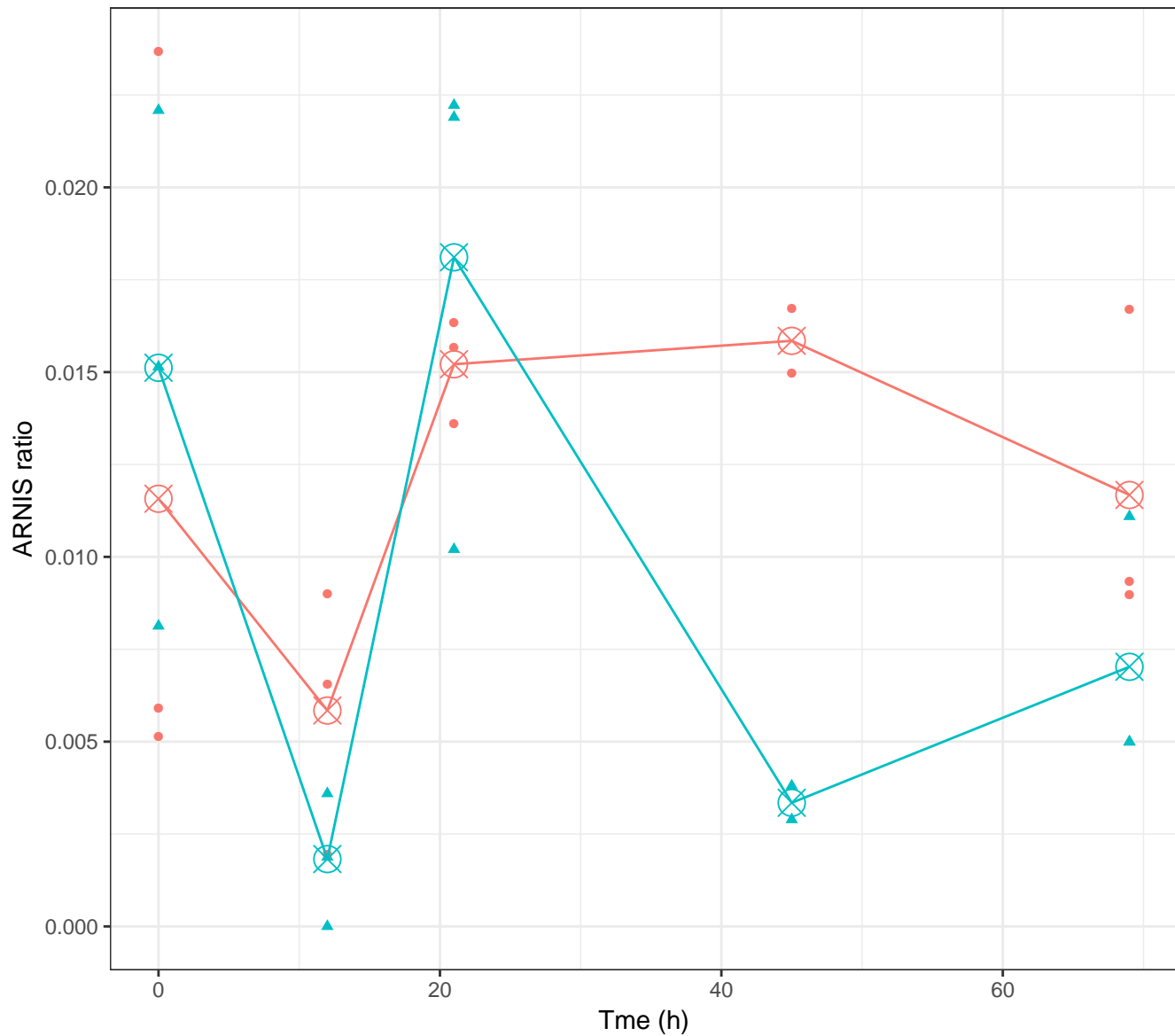
OTU.386_Bacteroidetes_Saprospiraceae

Treatment Control Filtered-1micron



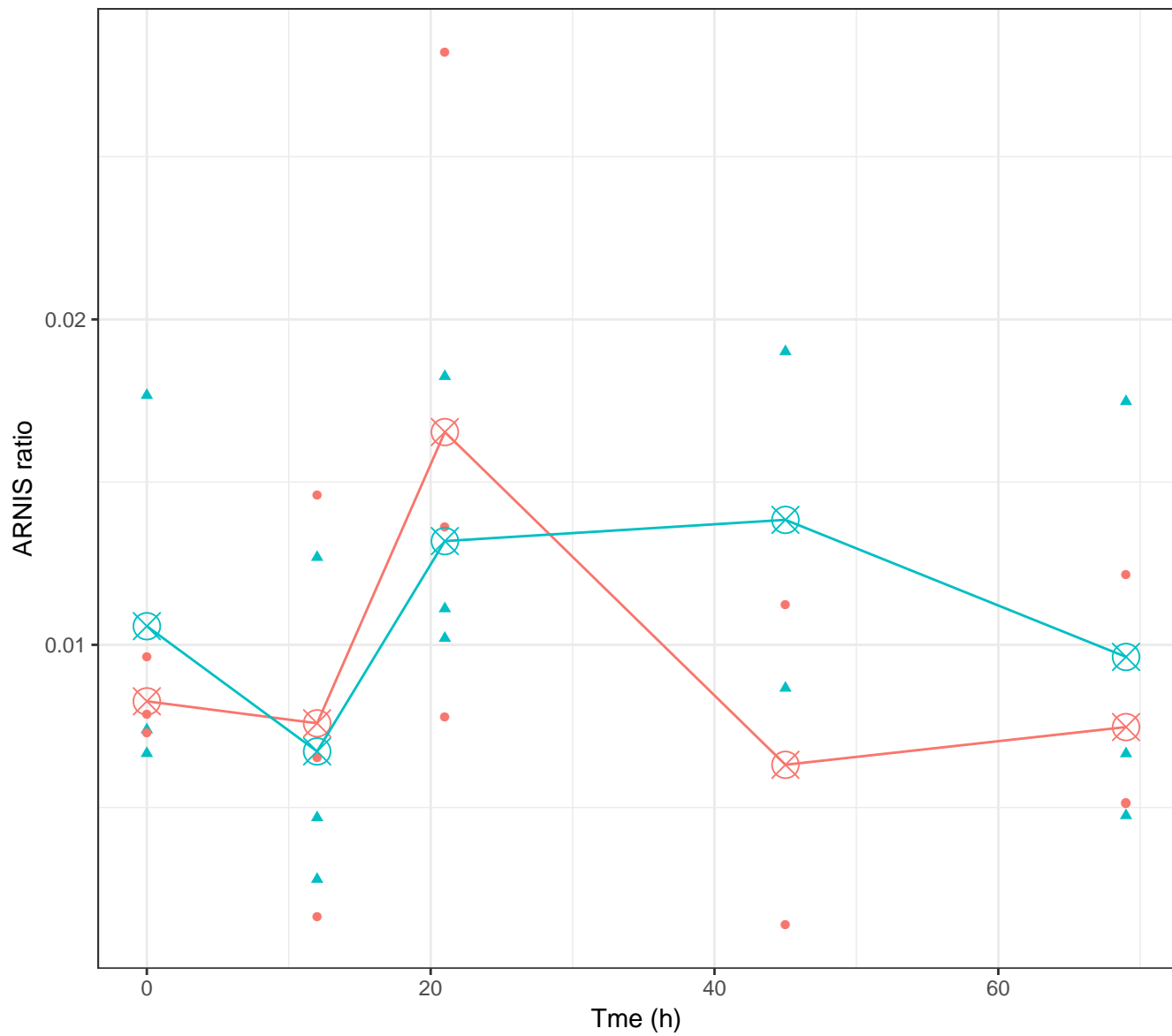


OTU.407_Bacteroidetes_NS9_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron

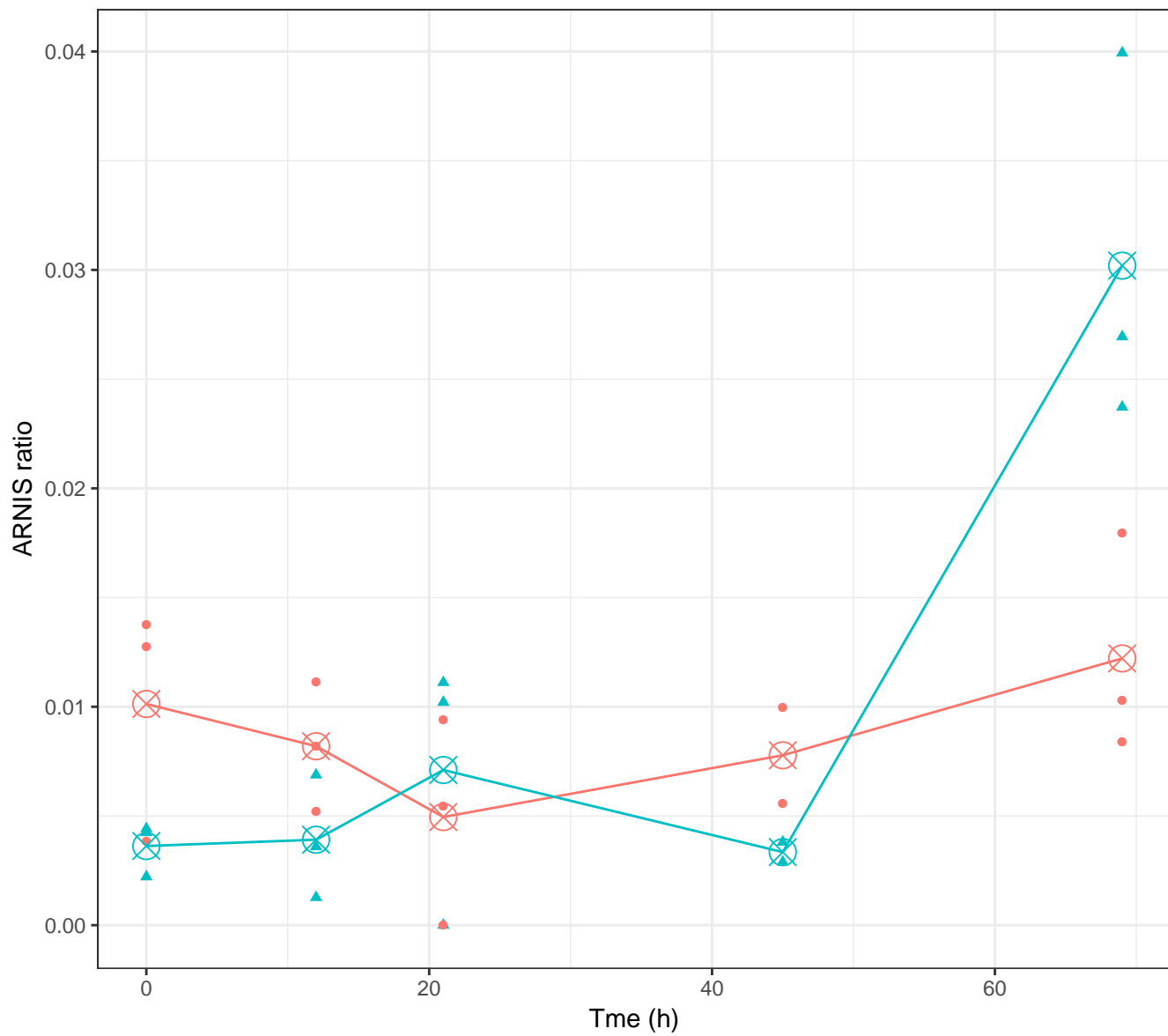


OTU.426_Bacteroidetes_NS11.12_marine_group



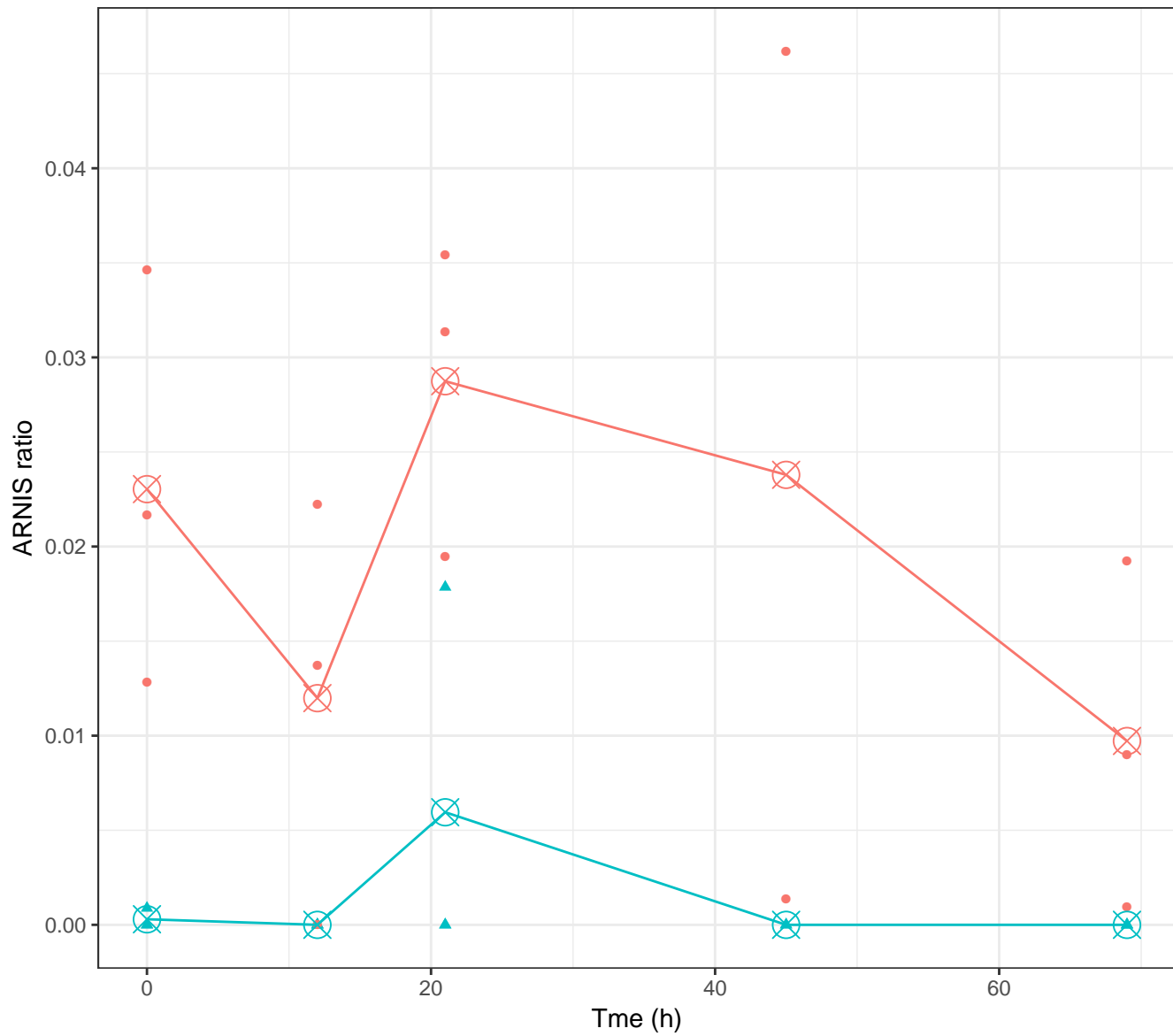
Treatment  Control  Filtered-1micron

OTU.416_Gemmatimonadetes_Gemmatimonas

Treatment Control Filtered-1micron

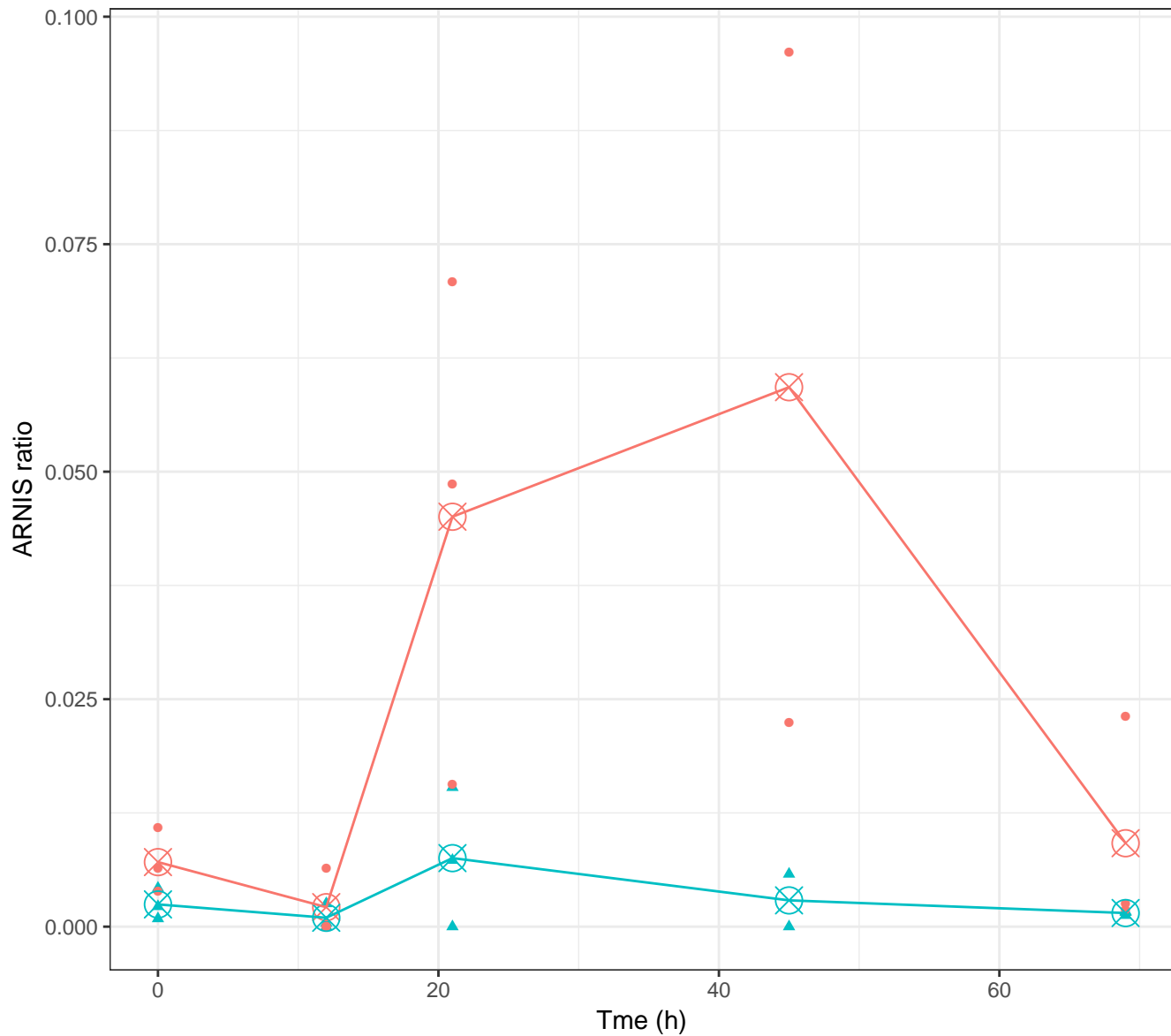


OTU.414_Planctomycetes_Rhodopirellula

Treatment  Control  Filtered-1micron

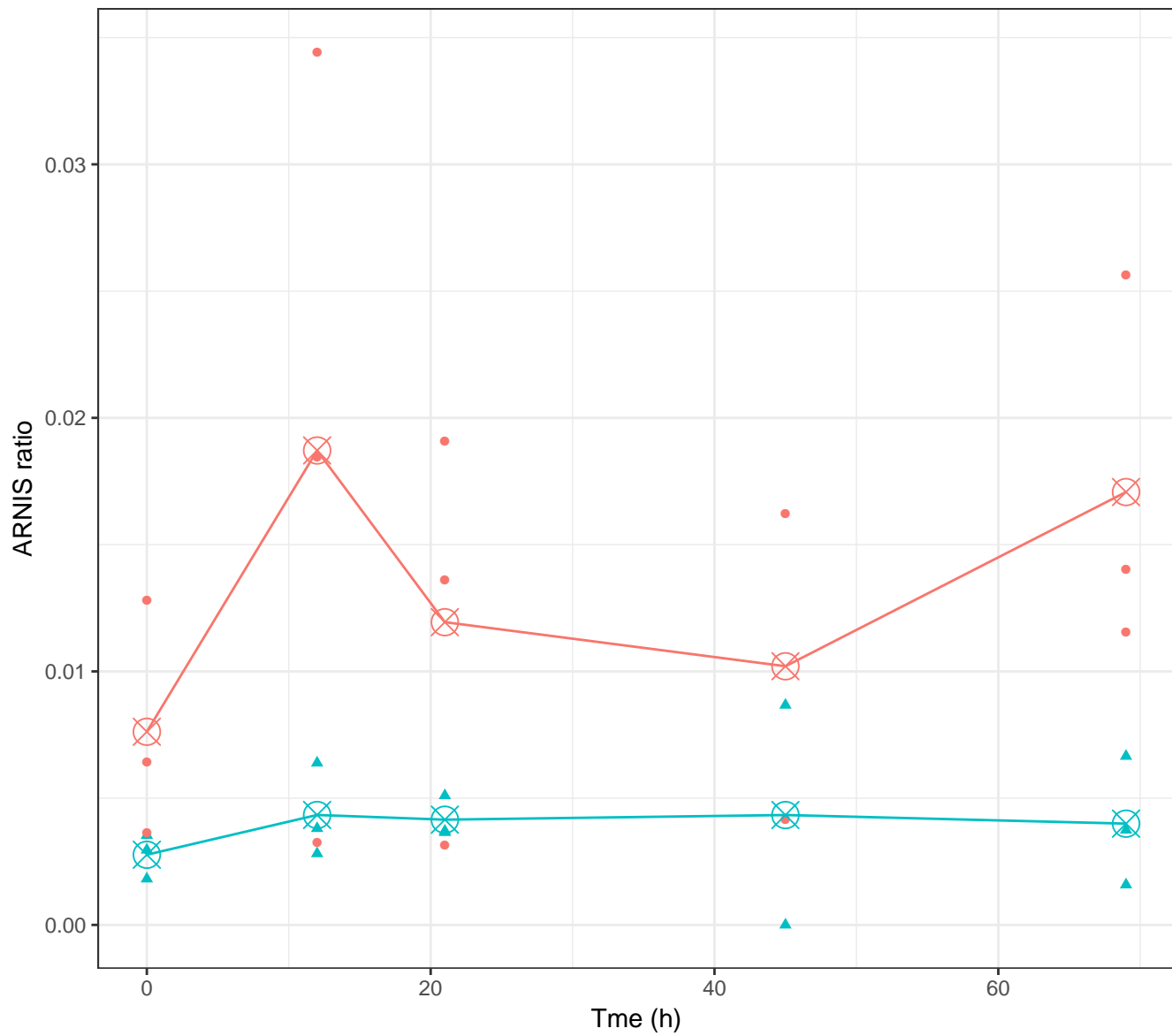
OTU.417_Bacteroidetes_Flavobacterium

Treatment Control Filtered-1micron



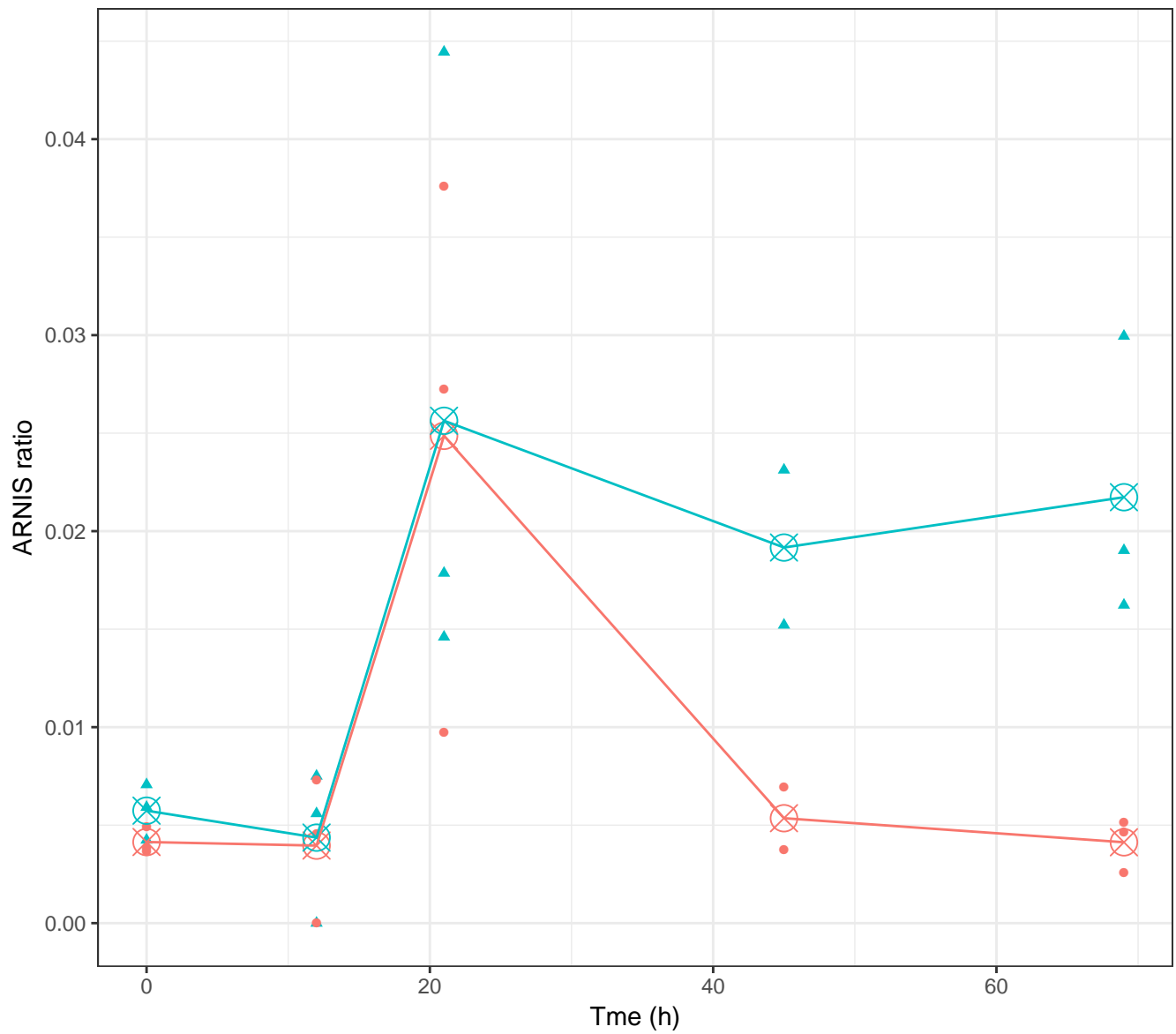
OTU.443_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



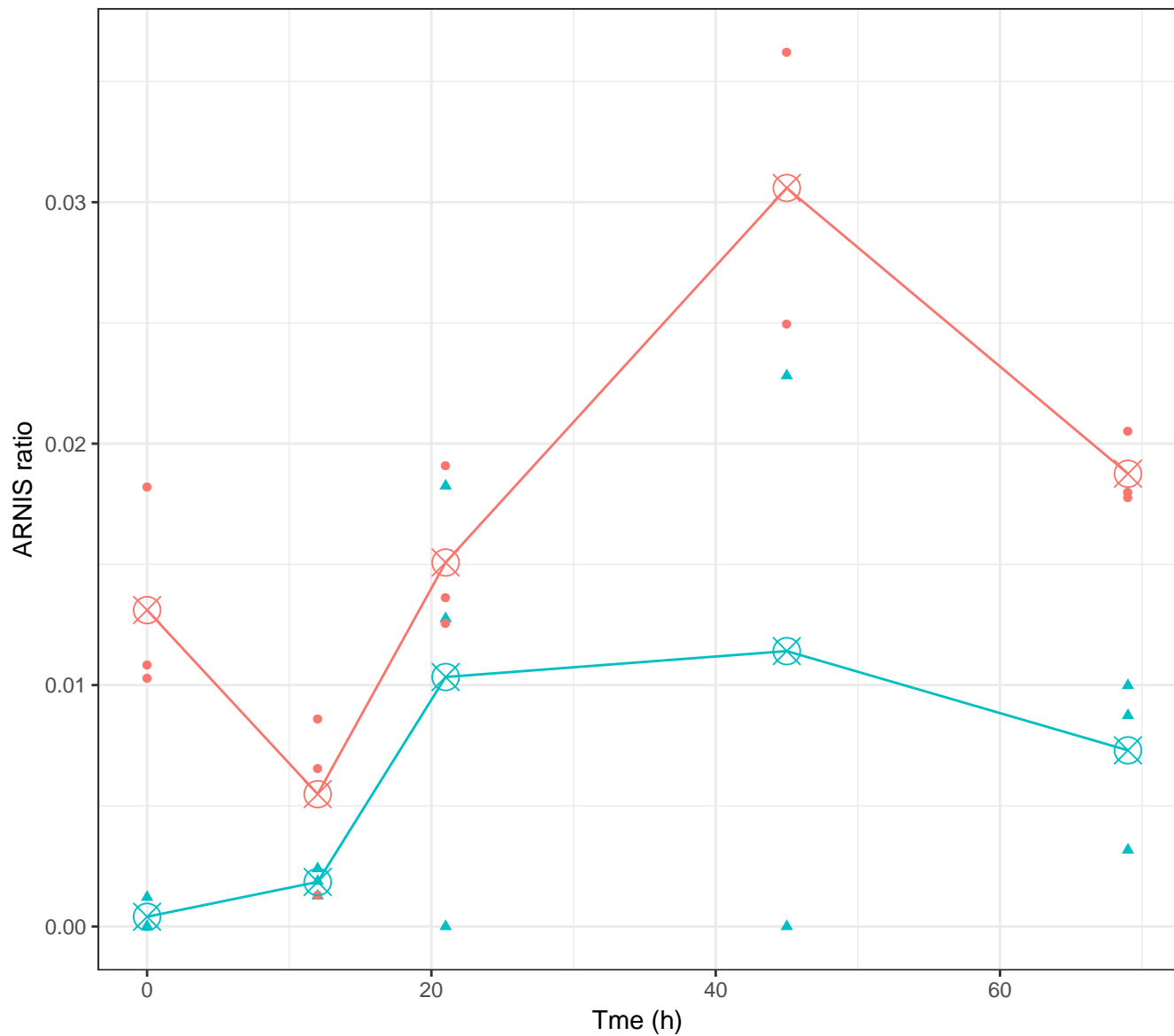
OTU.400_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



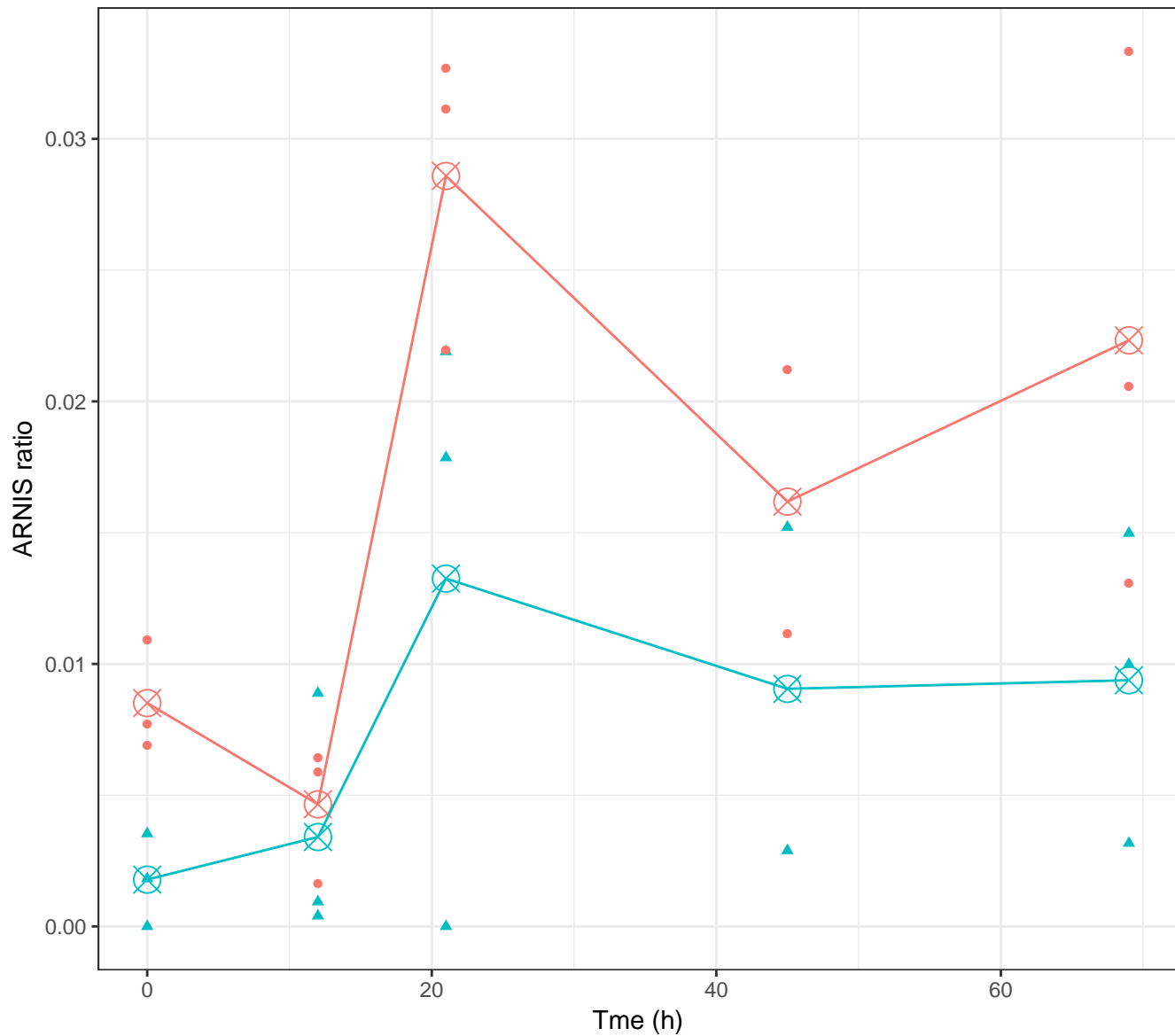
OTU.446_Bacteroidetes_Cytophagaceae

Treatment Control Filtered-1micron



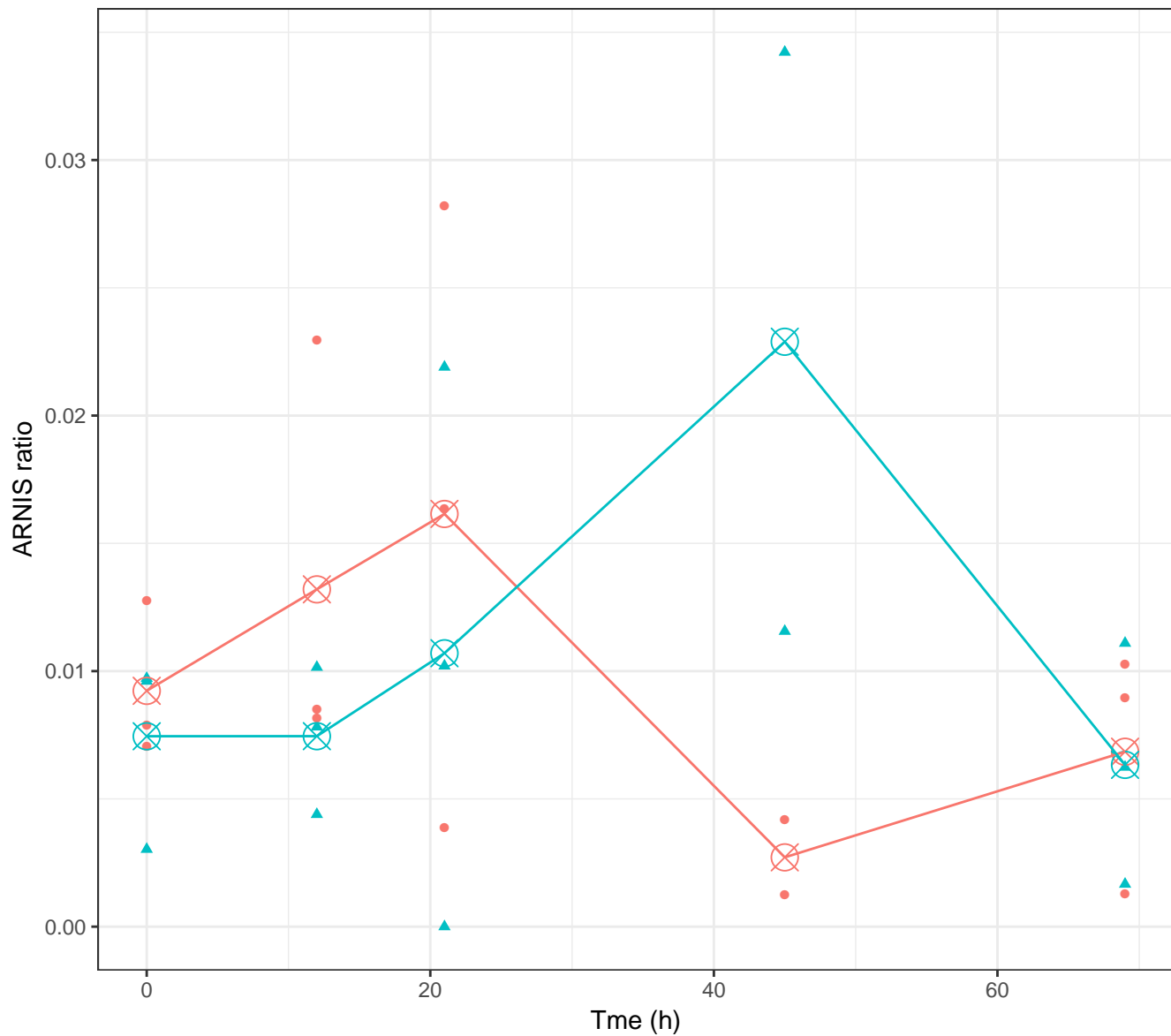
OTU.672_Bacteroidetes_NS9_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



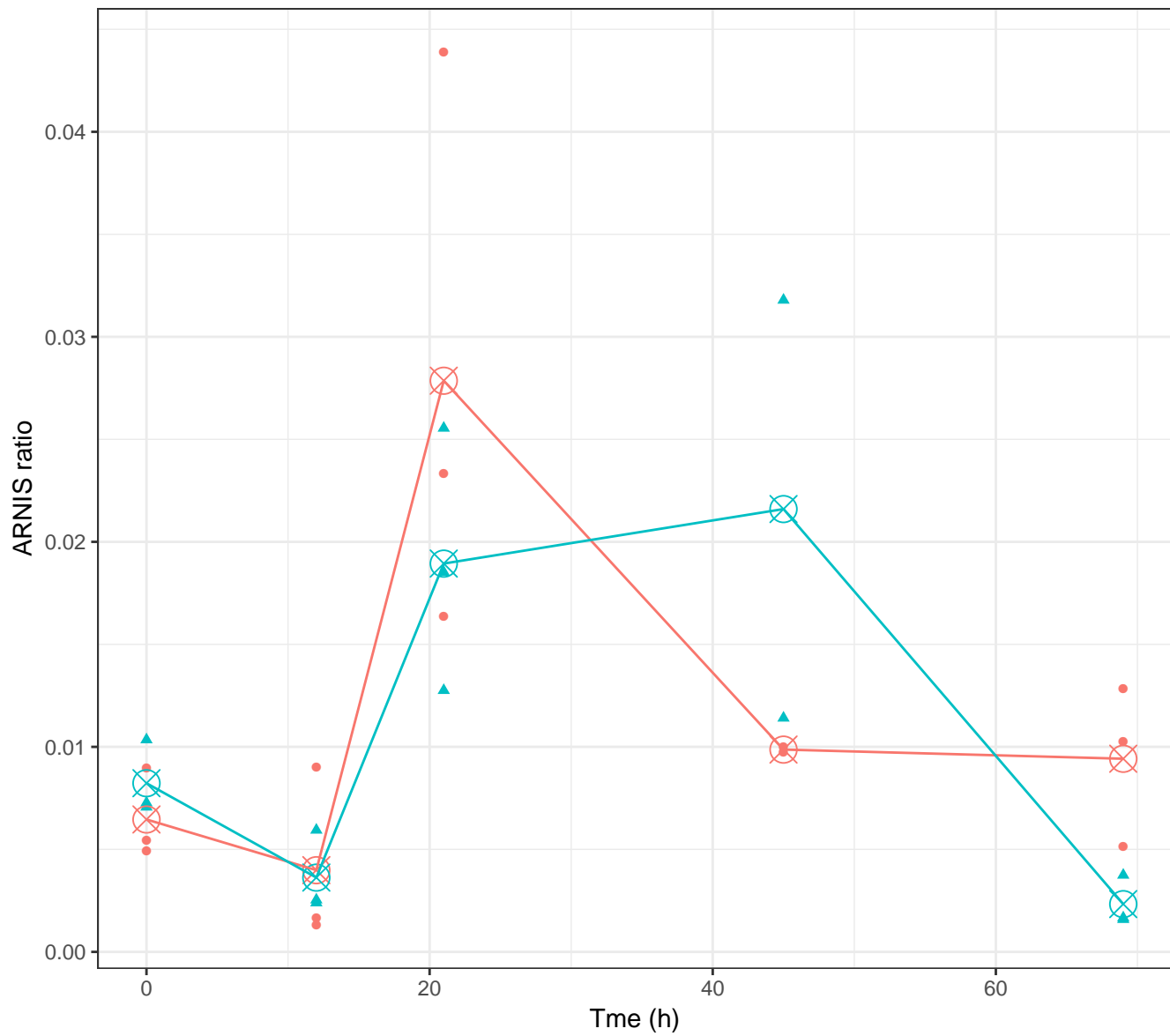
OTU.22_Actinobacteria_Candidatus_Planktoluna

Treatment Control Filtered-1micron



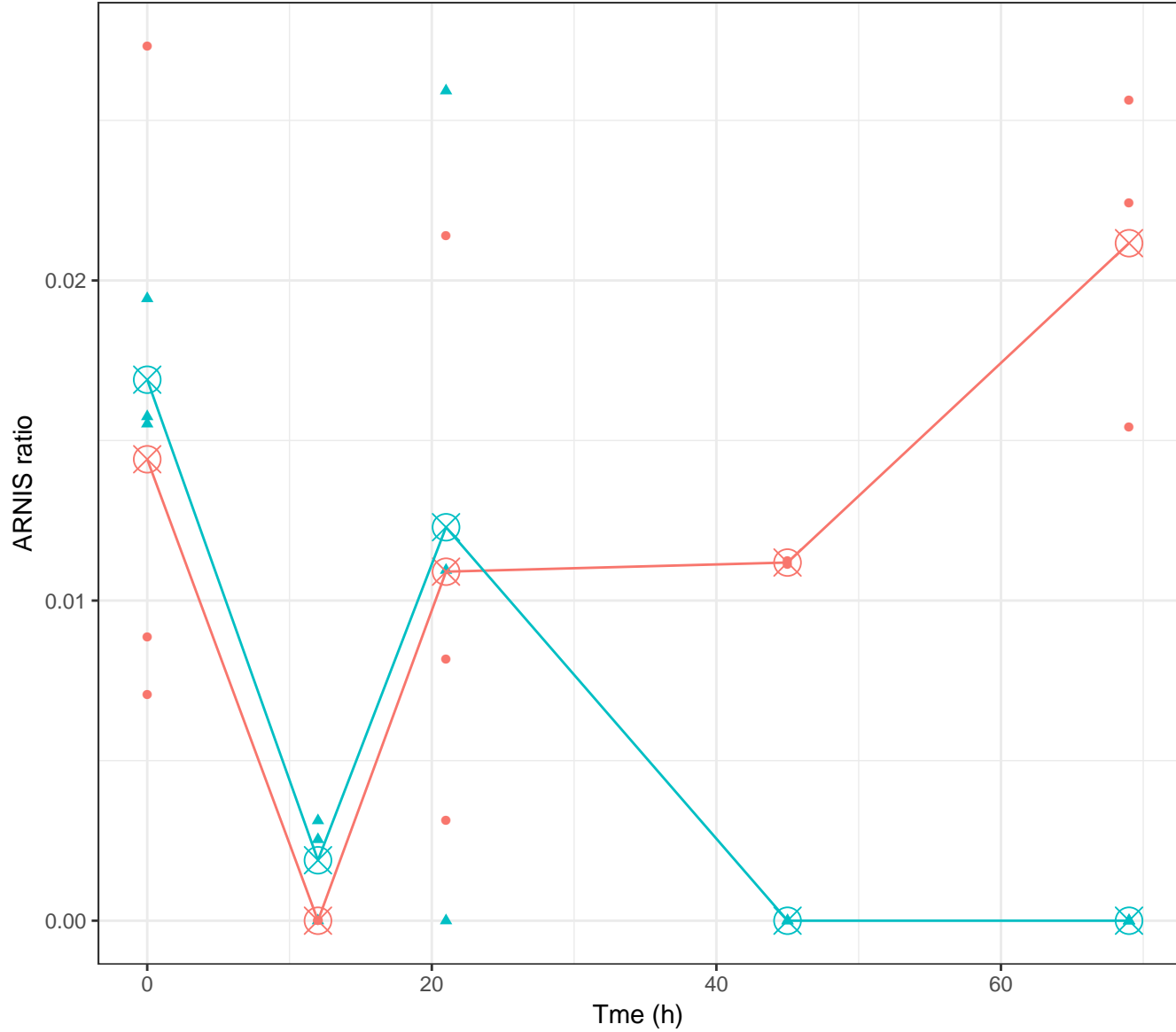
OTU.418_Firmicutes_Lactococcus

Treatment ⊗ Control ⊗ Filtered-1micron



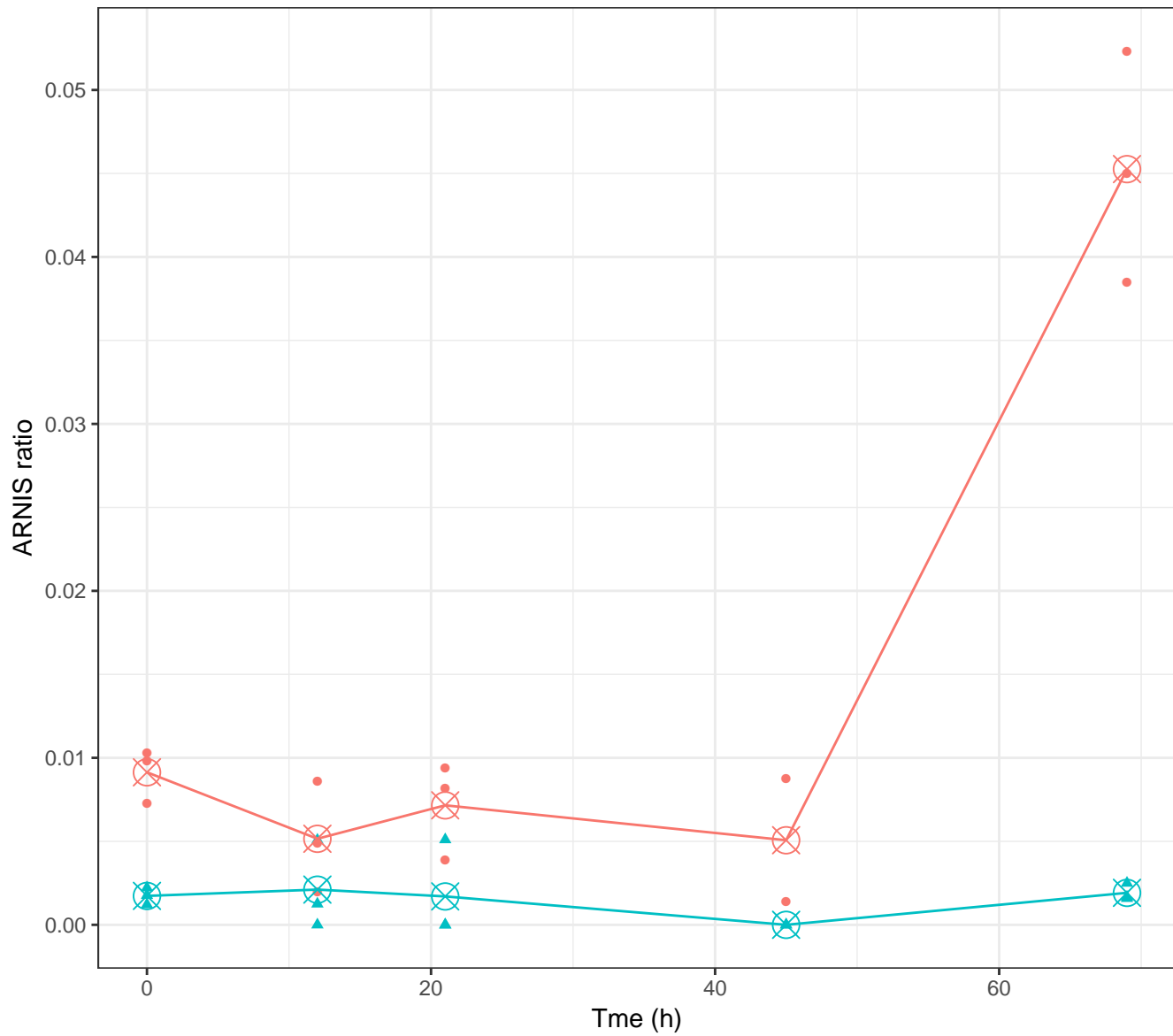
OTU.779_Alphaproteobacteria_Meganema

Treatment Control Filtered-1micron



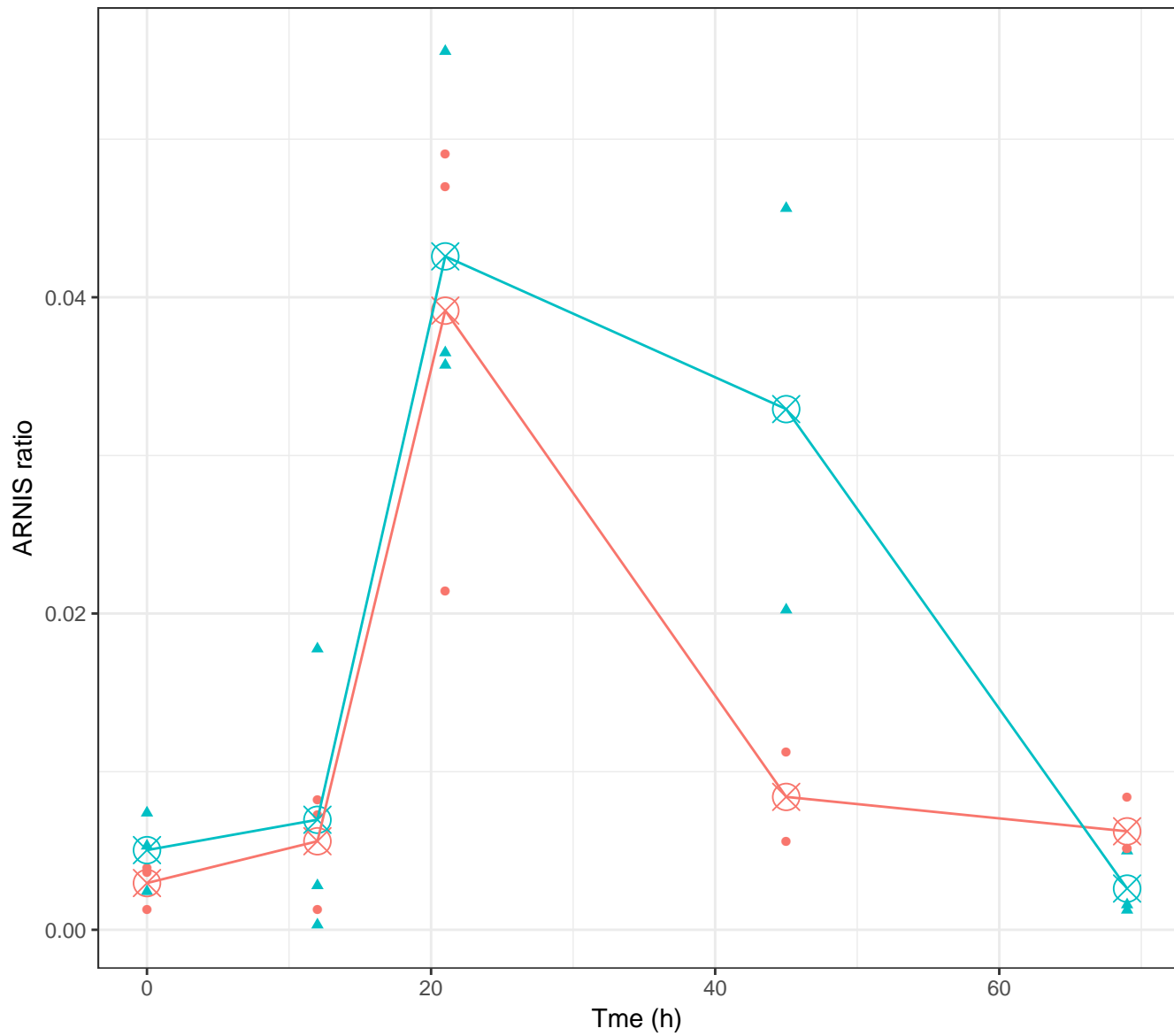
OTU.433_Alphaproteobacteria_Acetobacteraceae

Treatment Control Filtered-1micron



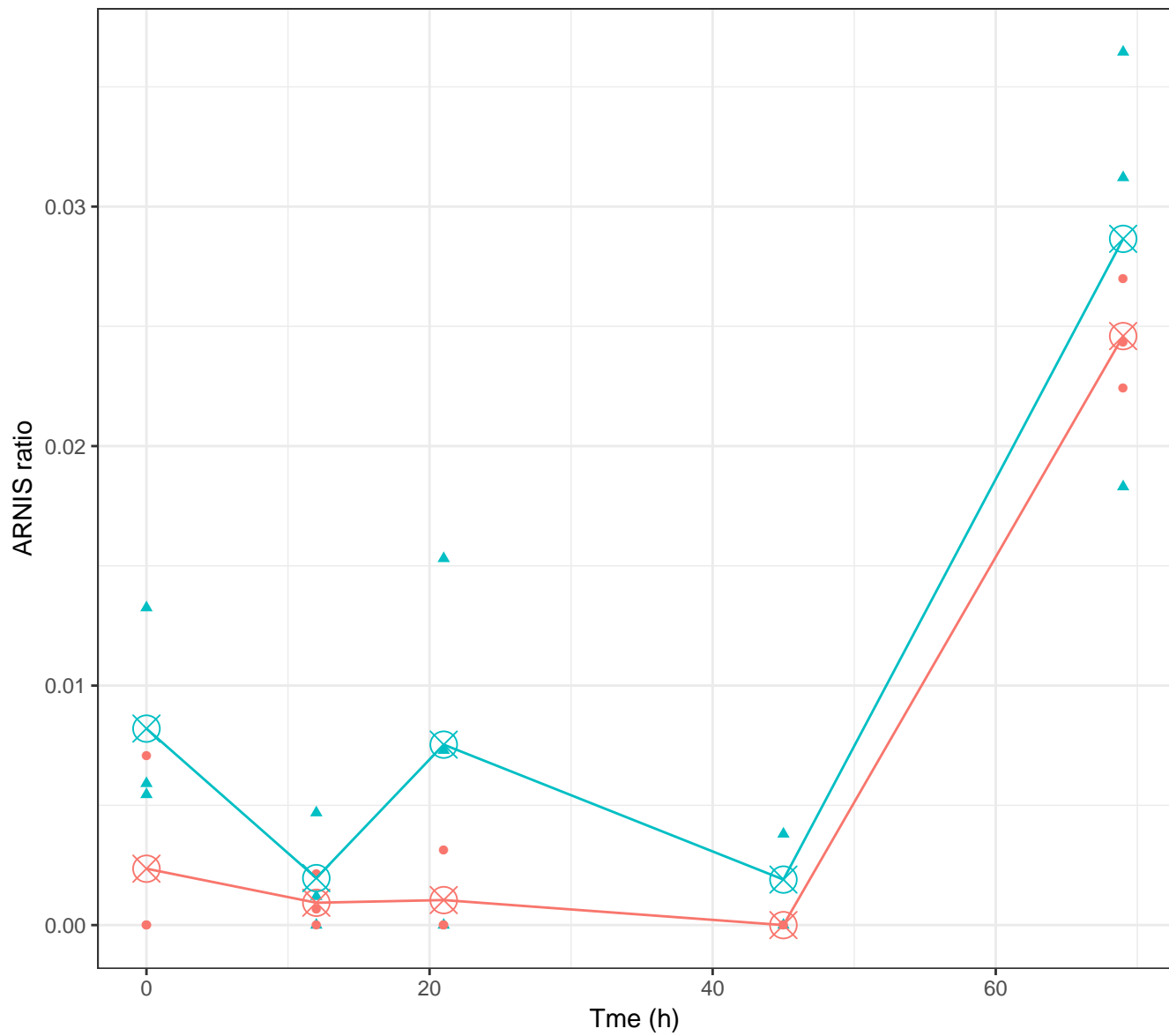
OTU.413_Gammaproteobacteria_Legionella

Treatment Control Filtered-1micron



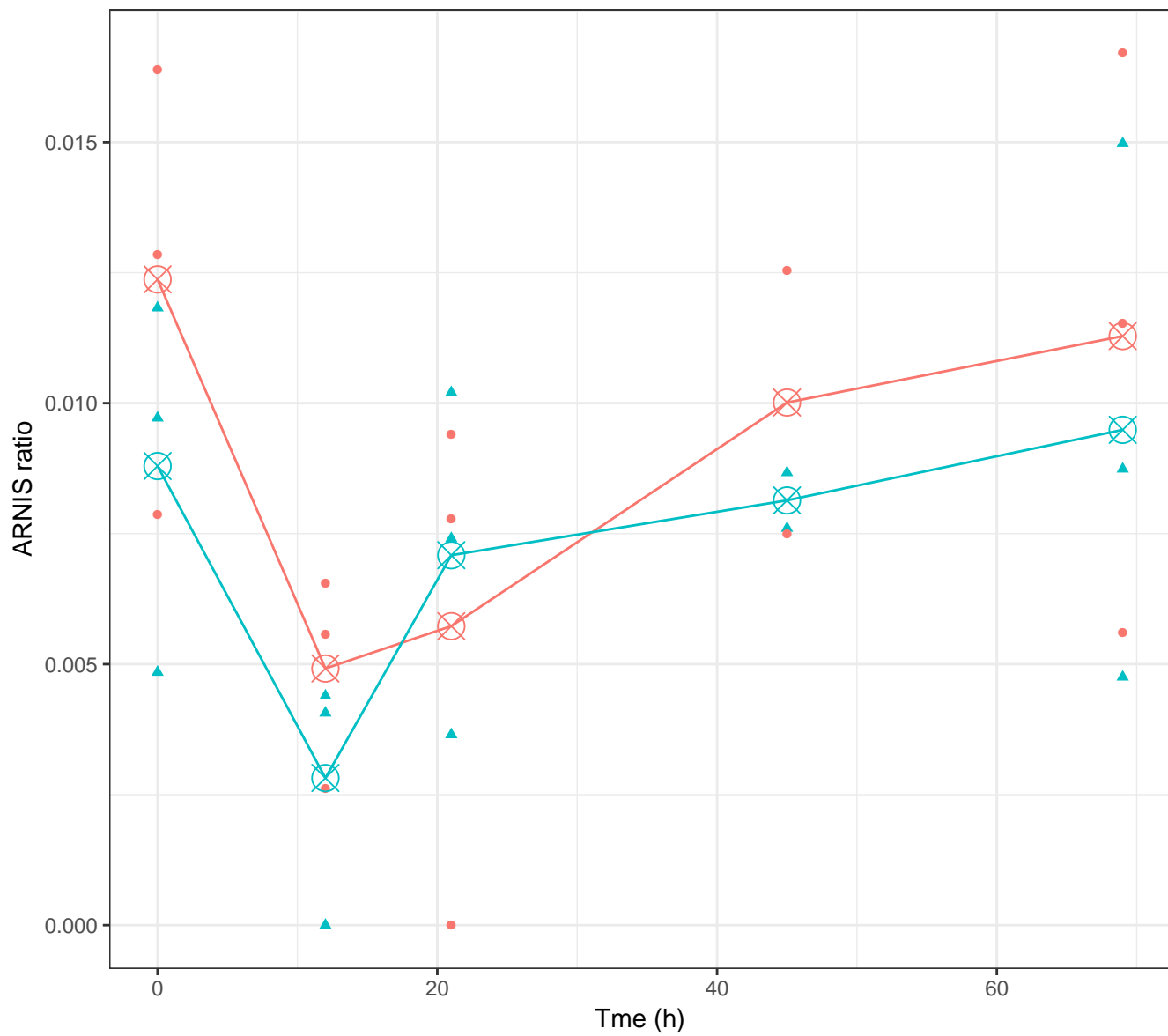
OTU.1185_Actinobacteria_Microbacteriaceae

Treatment Control Filtered-1micron



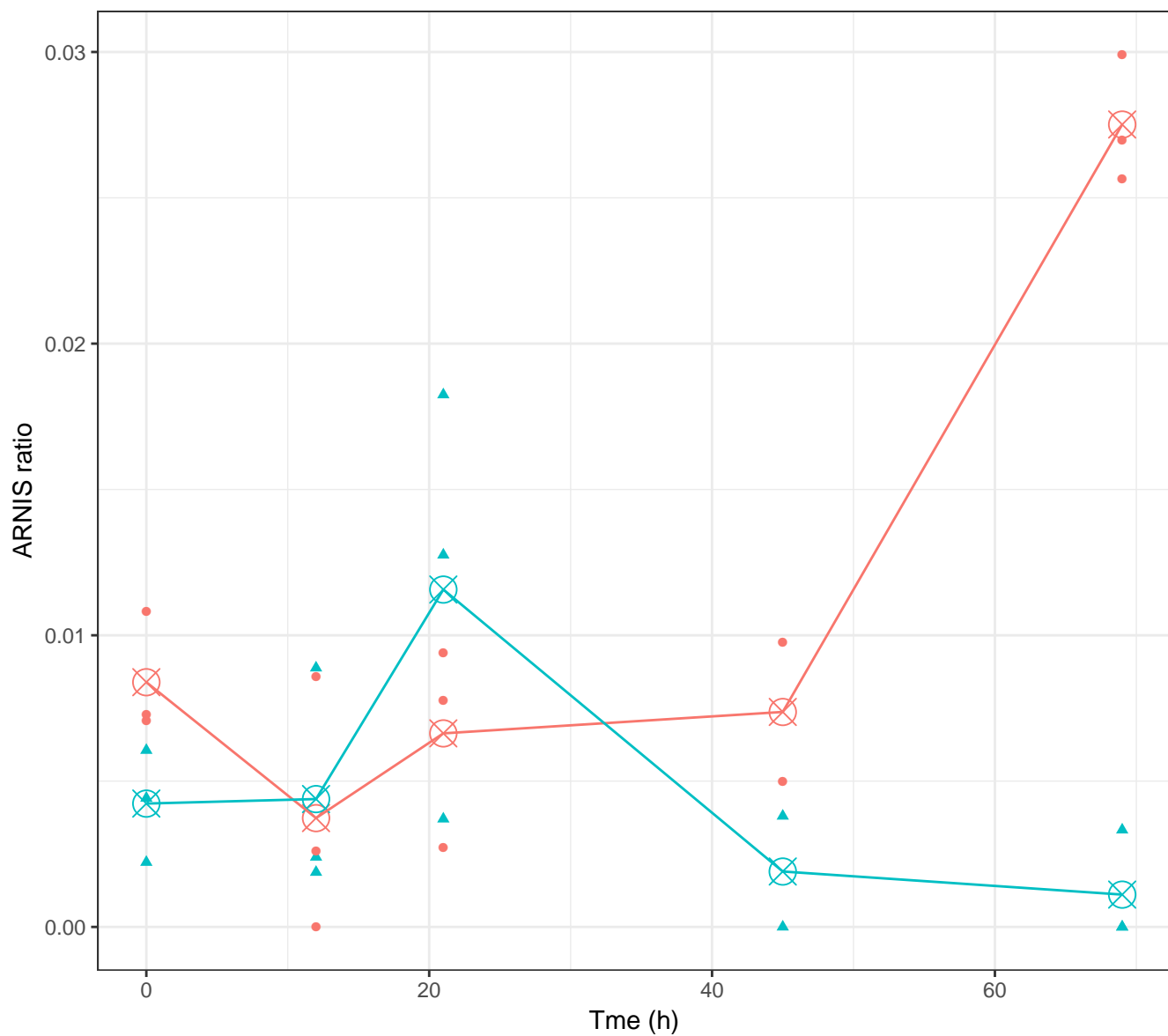
OTU.437_Firmicutes_Paenibacillus

Treatment ⊗ Control ⊗ Filtered-1micron



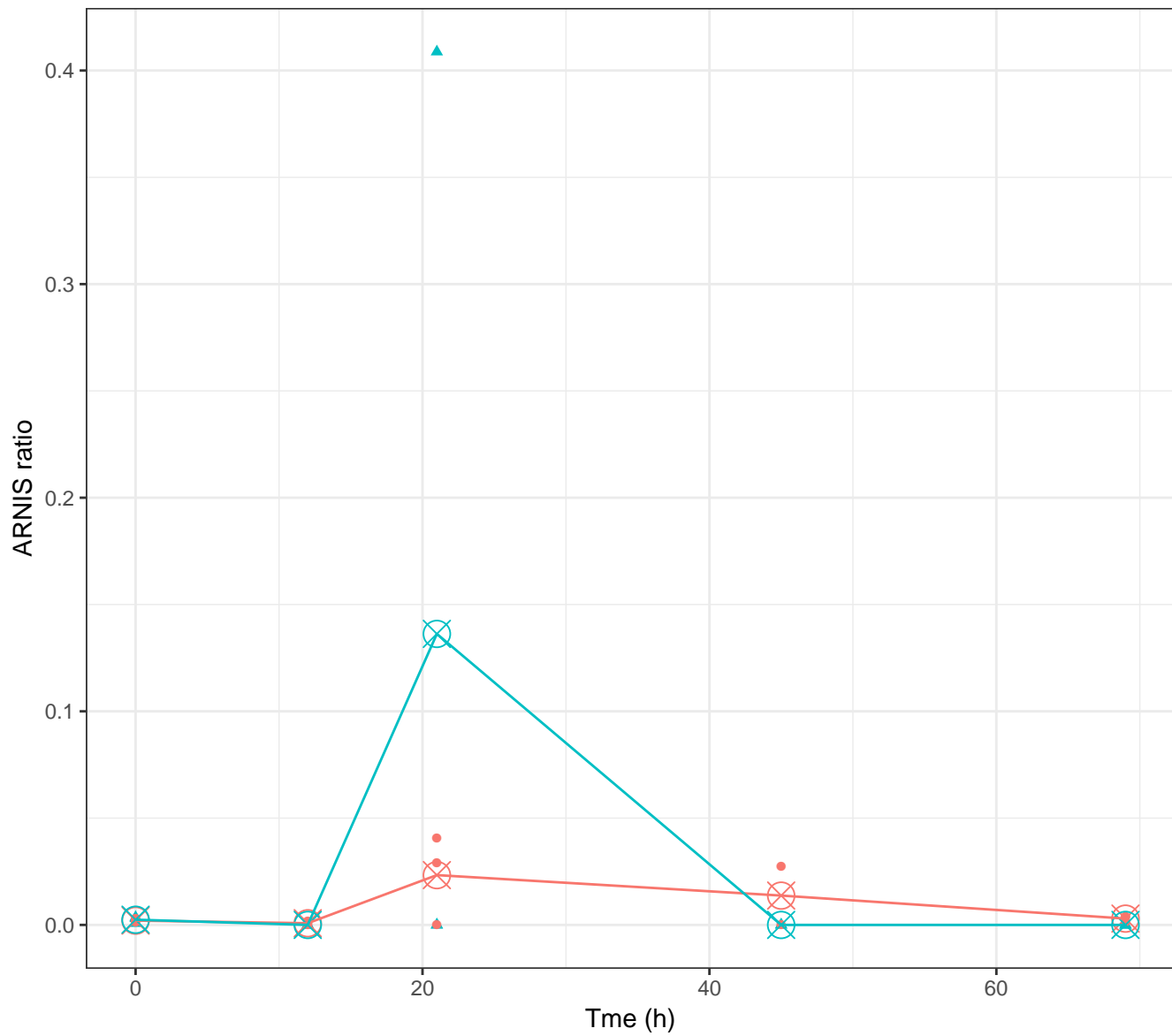
OTU.449_Proteobacteria_TA18

Treatment Control Filtered-1micron



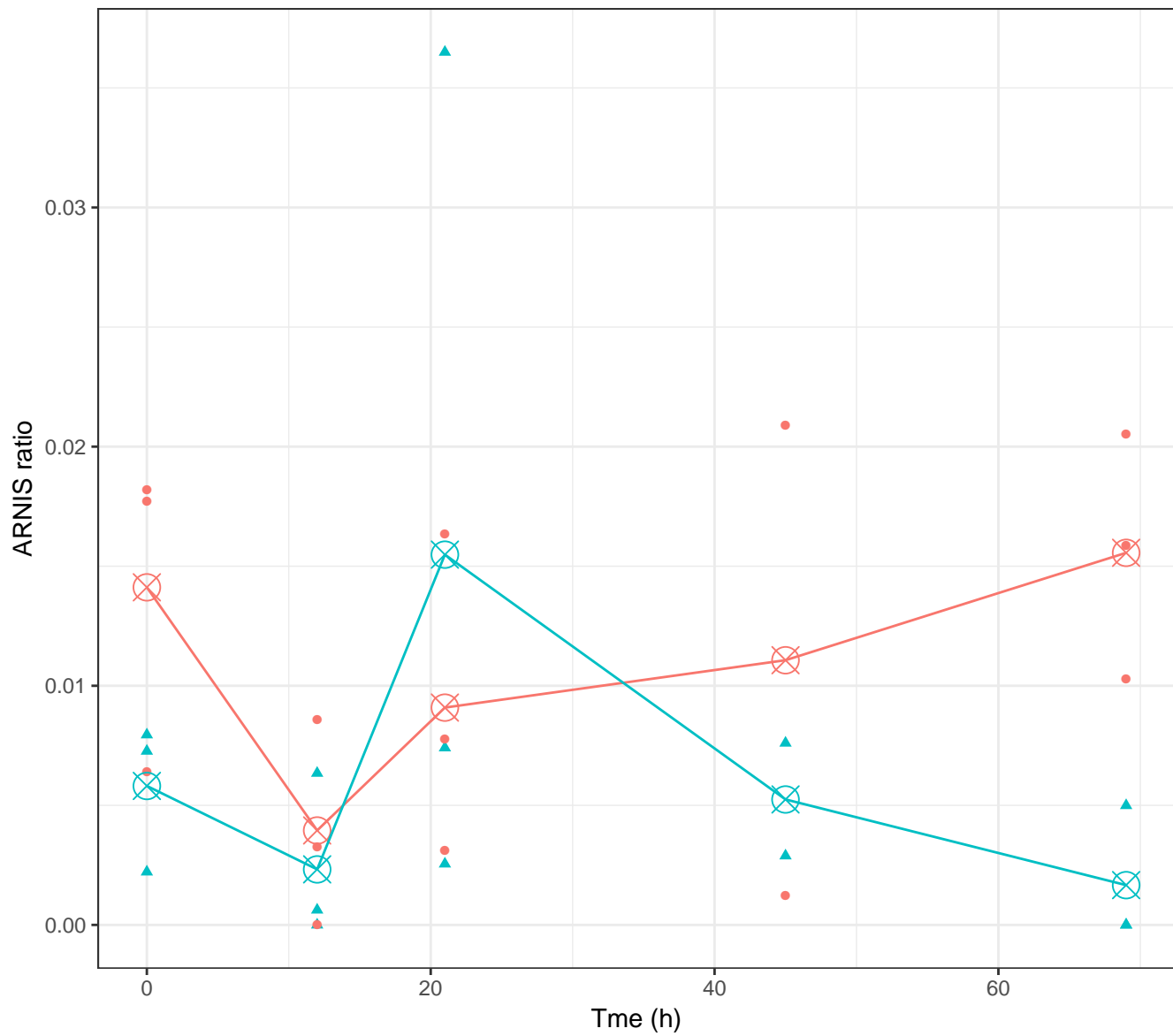
OTU.1300_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



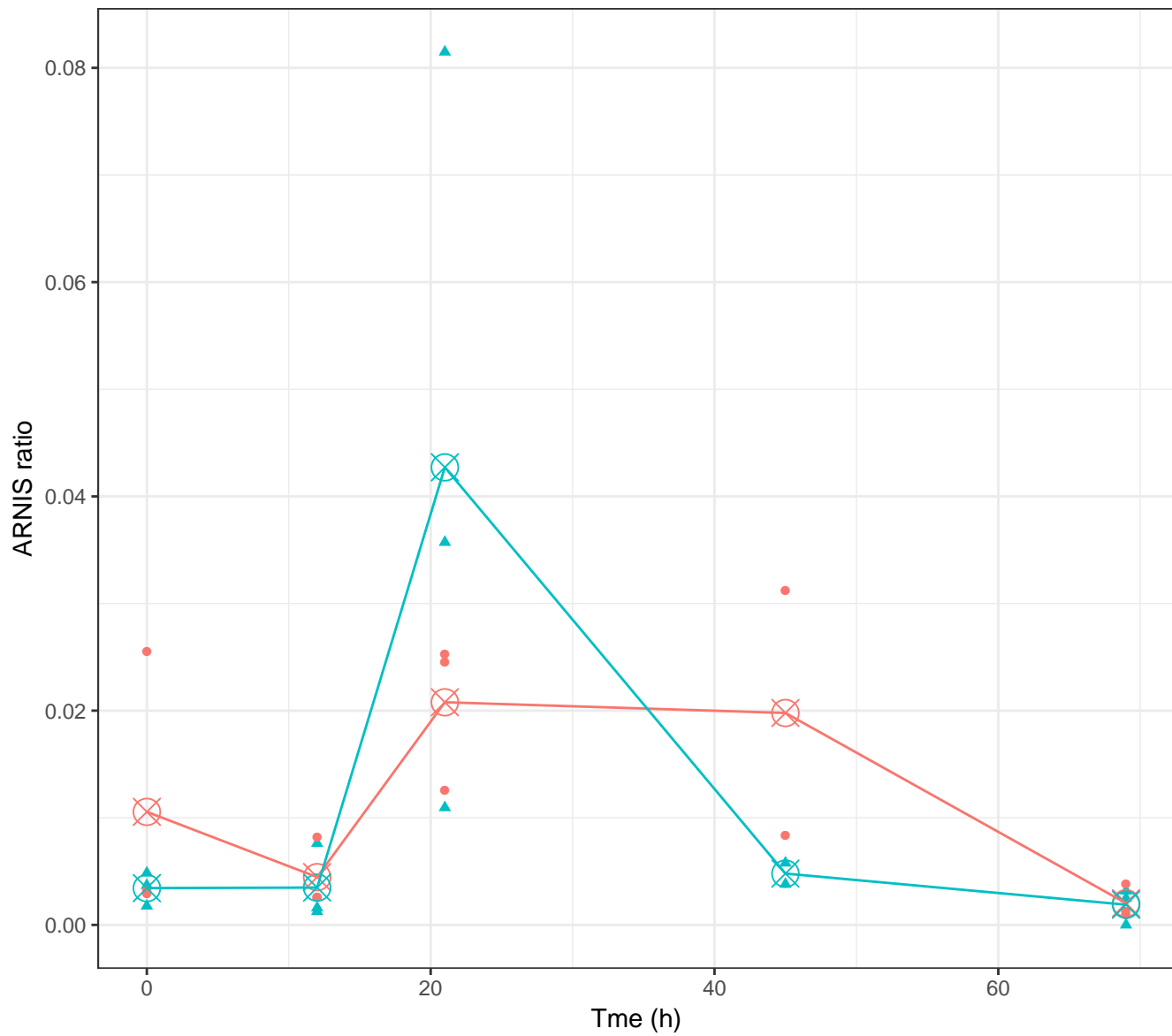
OTU.501_Deltaproteobacteria_Sorangium

Treatment Control Filtered-1micron



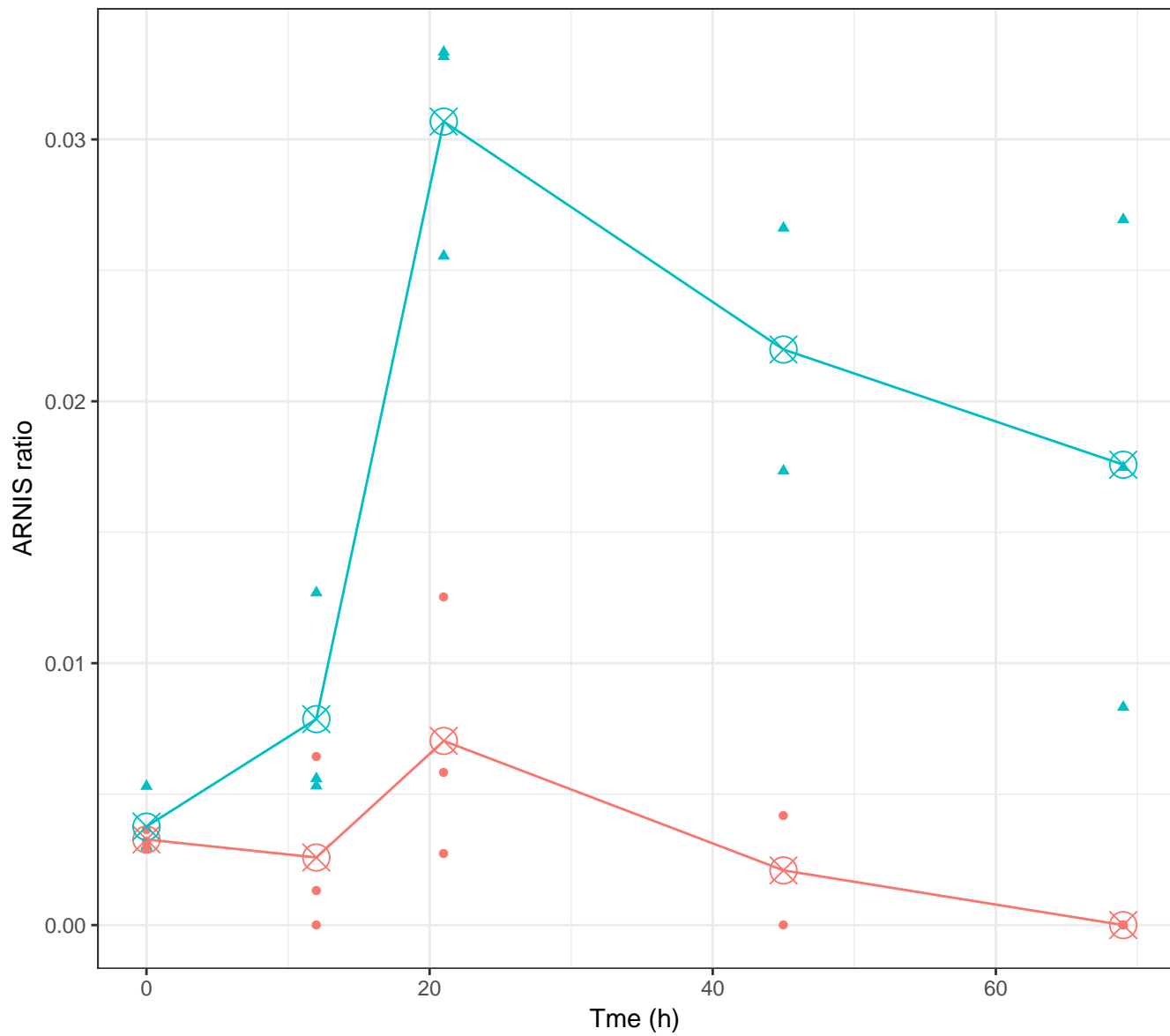
OTU.327_Chlamydiae_Candidatus_Rhabdochlamydia

Treatment Control Filtered-1micron





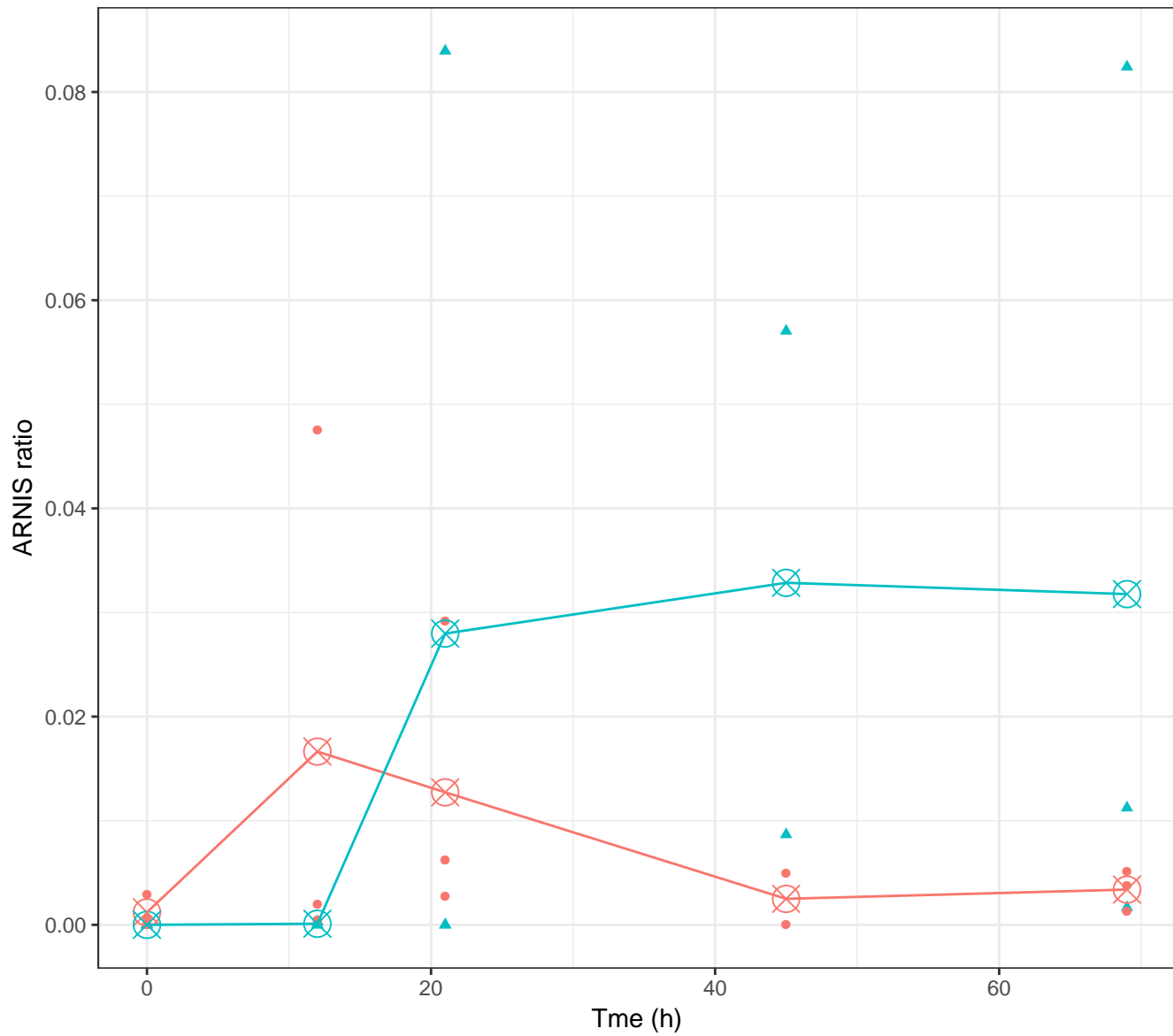
OTU.497_Bacteroidetes_Fluviicola

Treatment Control Filtered-1micron



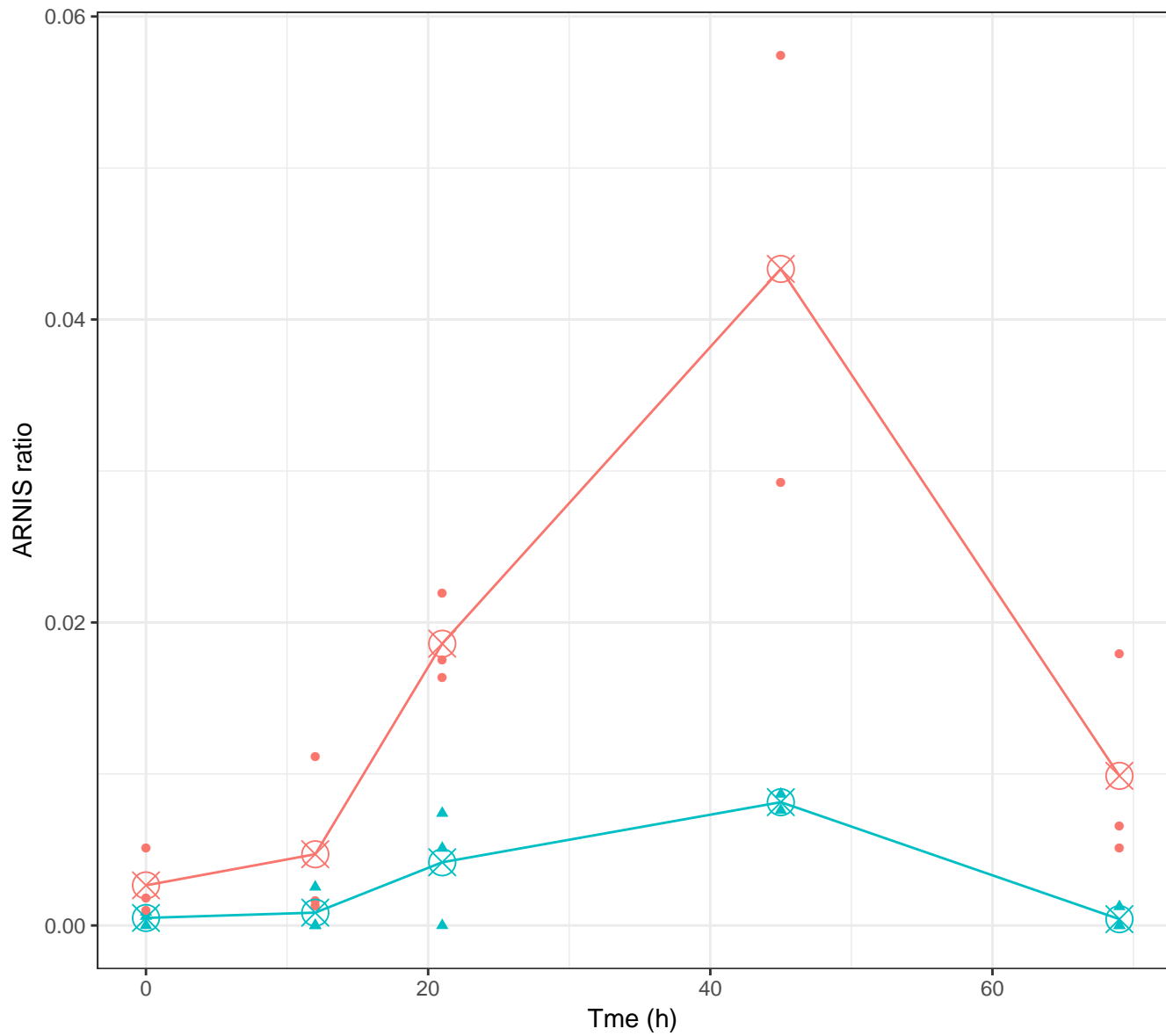
OTU.696_Gammaproteobacteria_Pseudomonas

Treatment  Control  Filtered-1micron



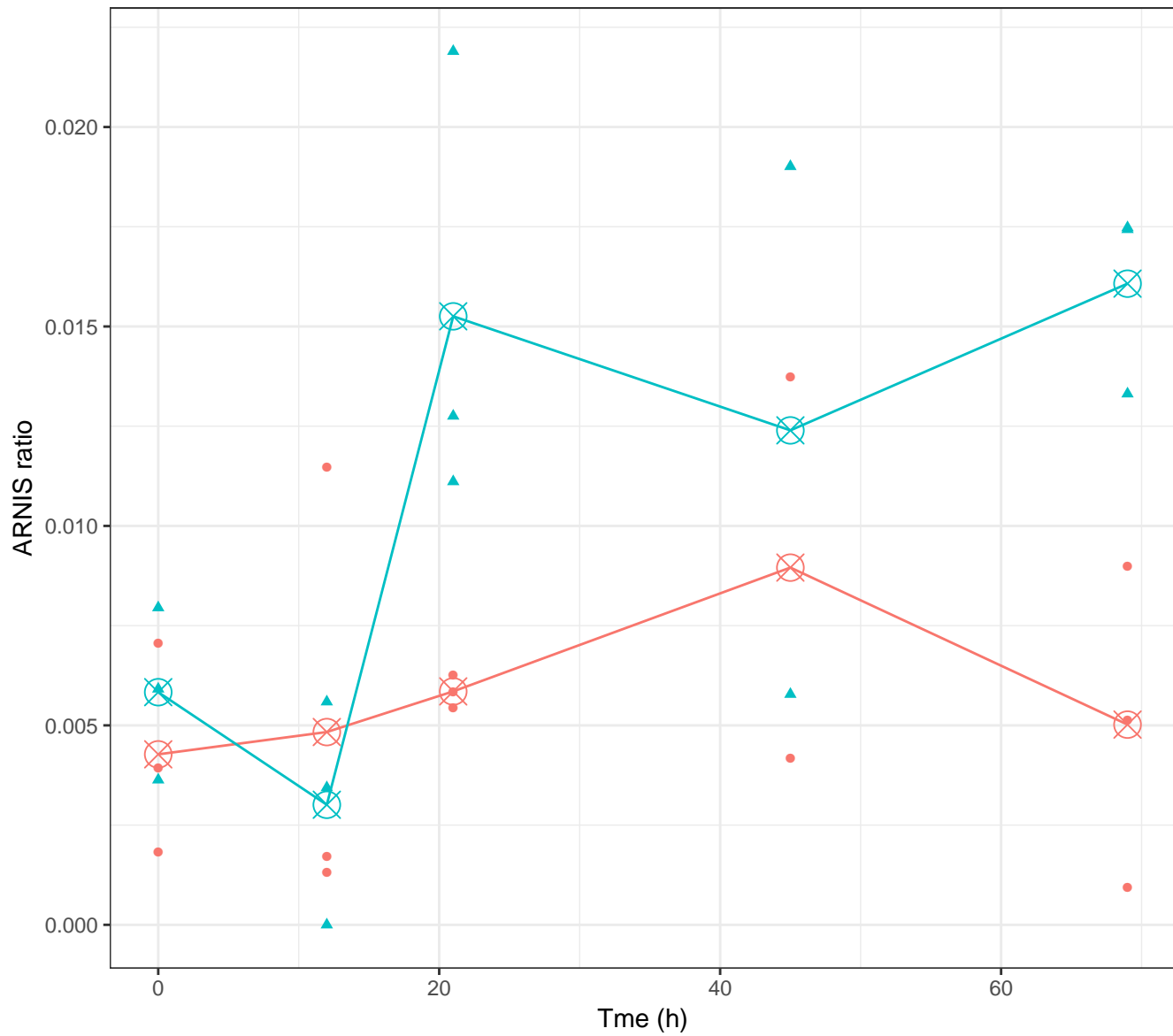
OTU.563_Bacteroidetes_PHOS.HE51

Treatment Control Filtered-1micron



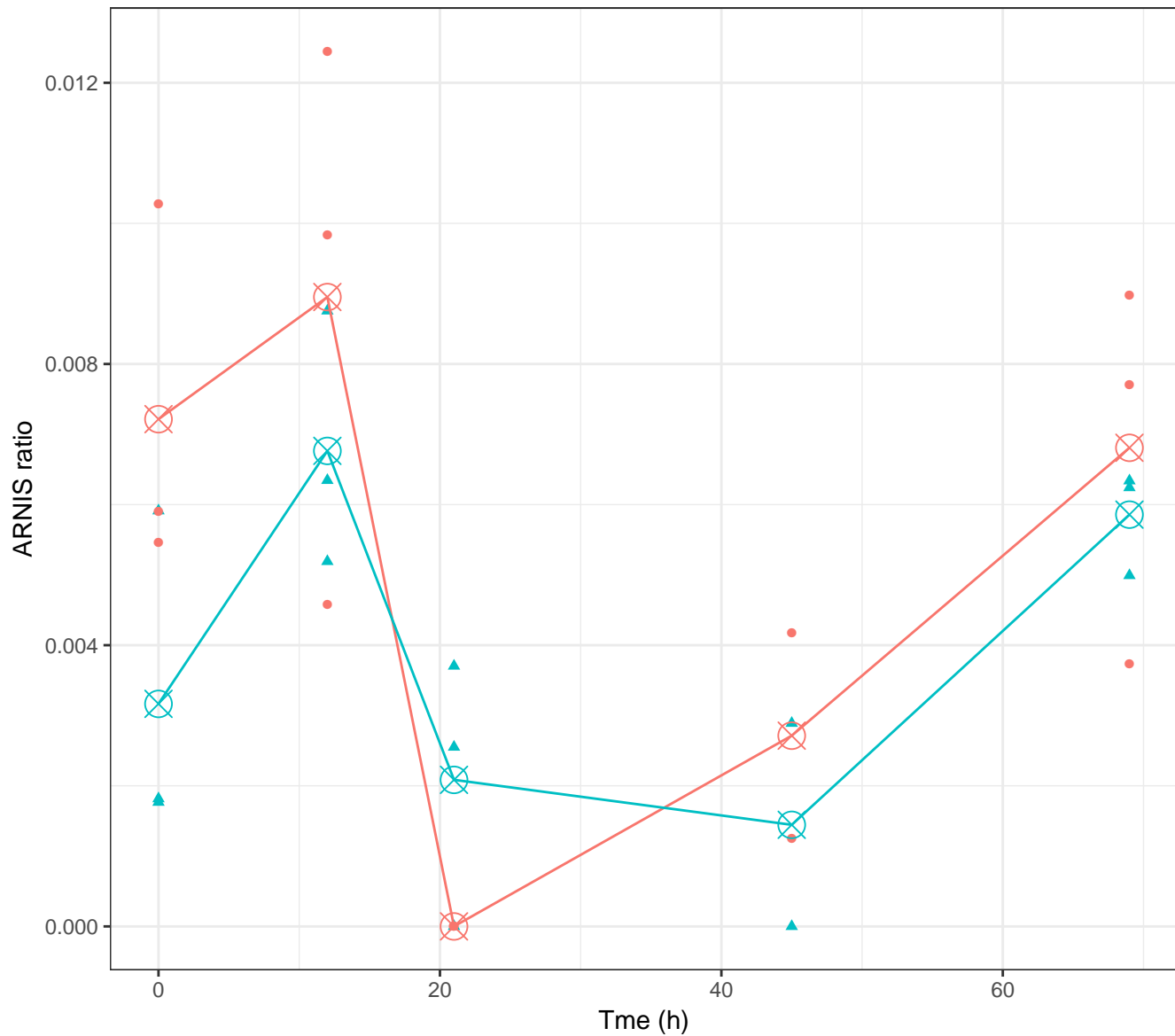
OTU.510_Bacteroidetes_Chitinophagaceae

Treatment ⊗ Control ⊗ Filtered-1micron



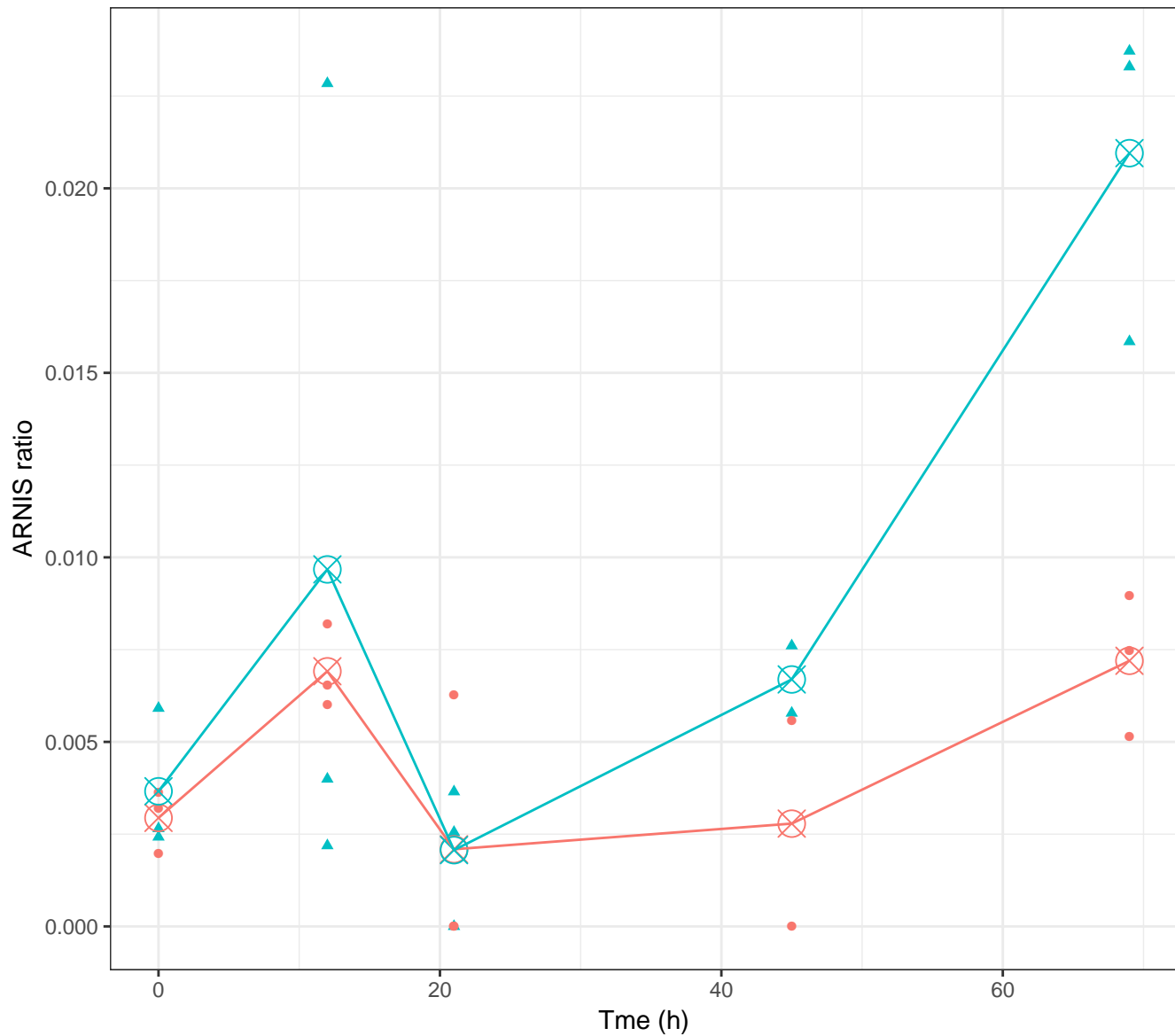
OTU.49_Chloroflexi_SL56_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



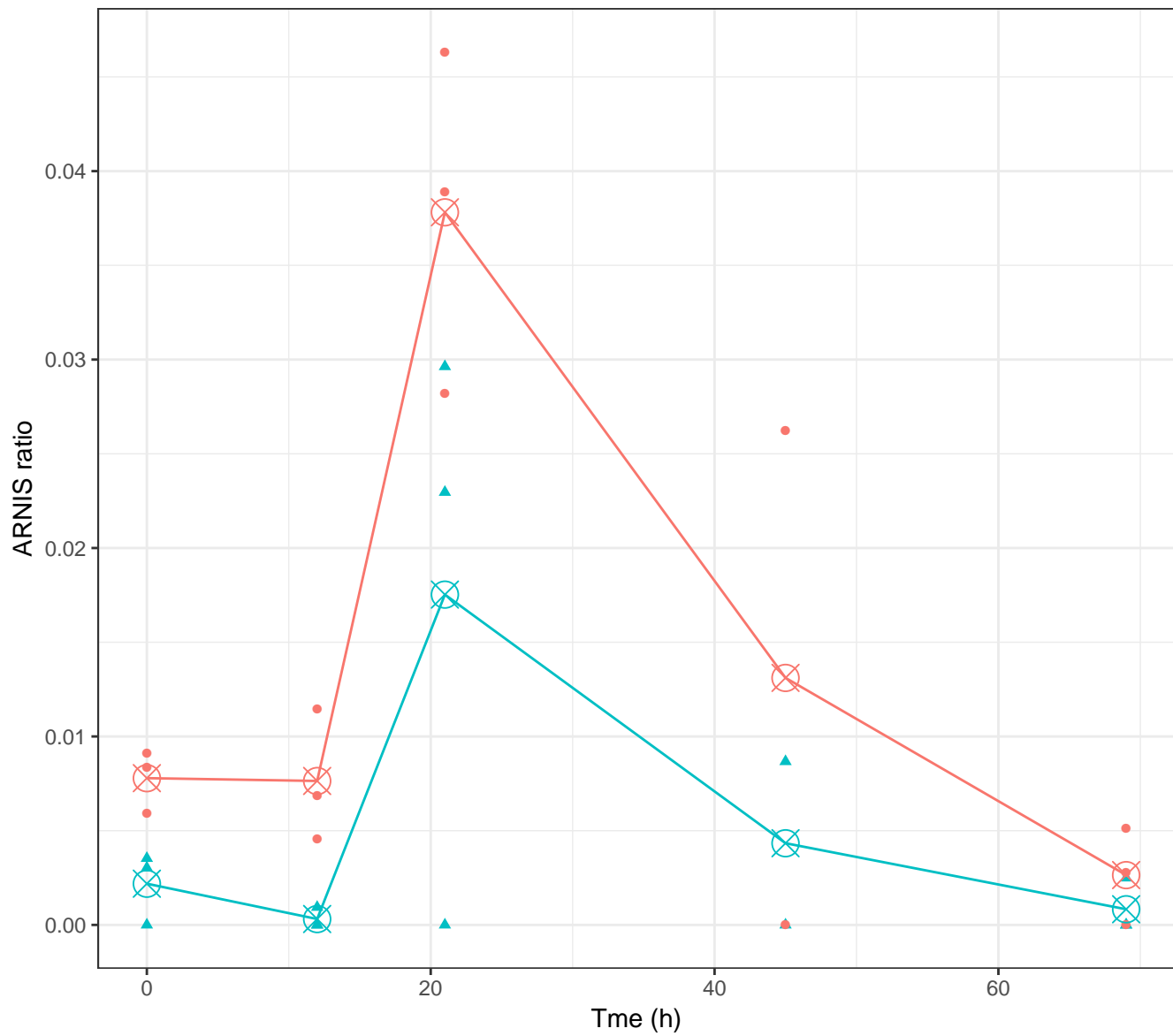
OTU.646_Alphaproteobacteria_Sandarakinorhabdus

Treatment Control Filtered-1micron



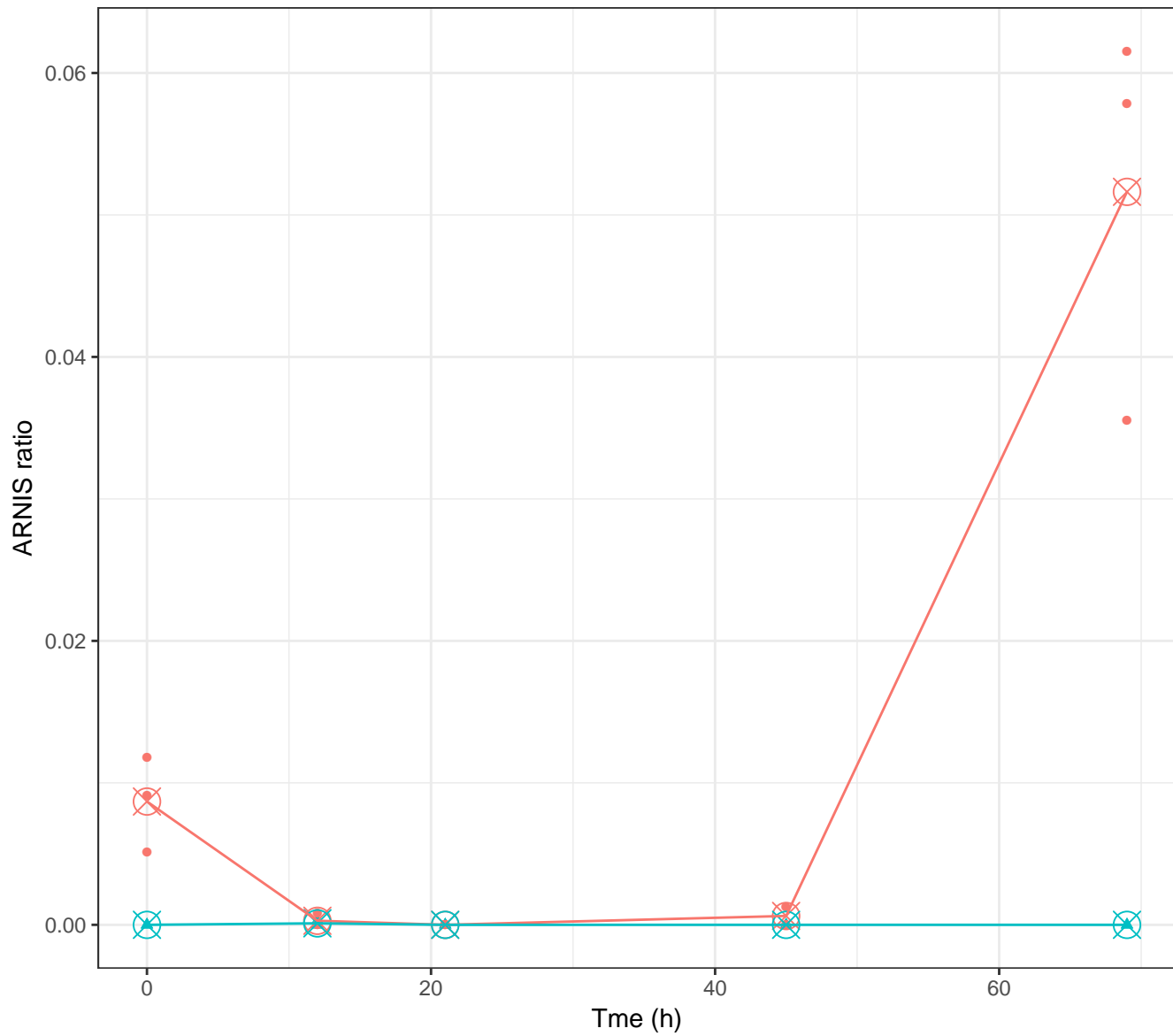
OTU.673_Planctomycetes_Pirellula

Treatment Control Filtered-1micron



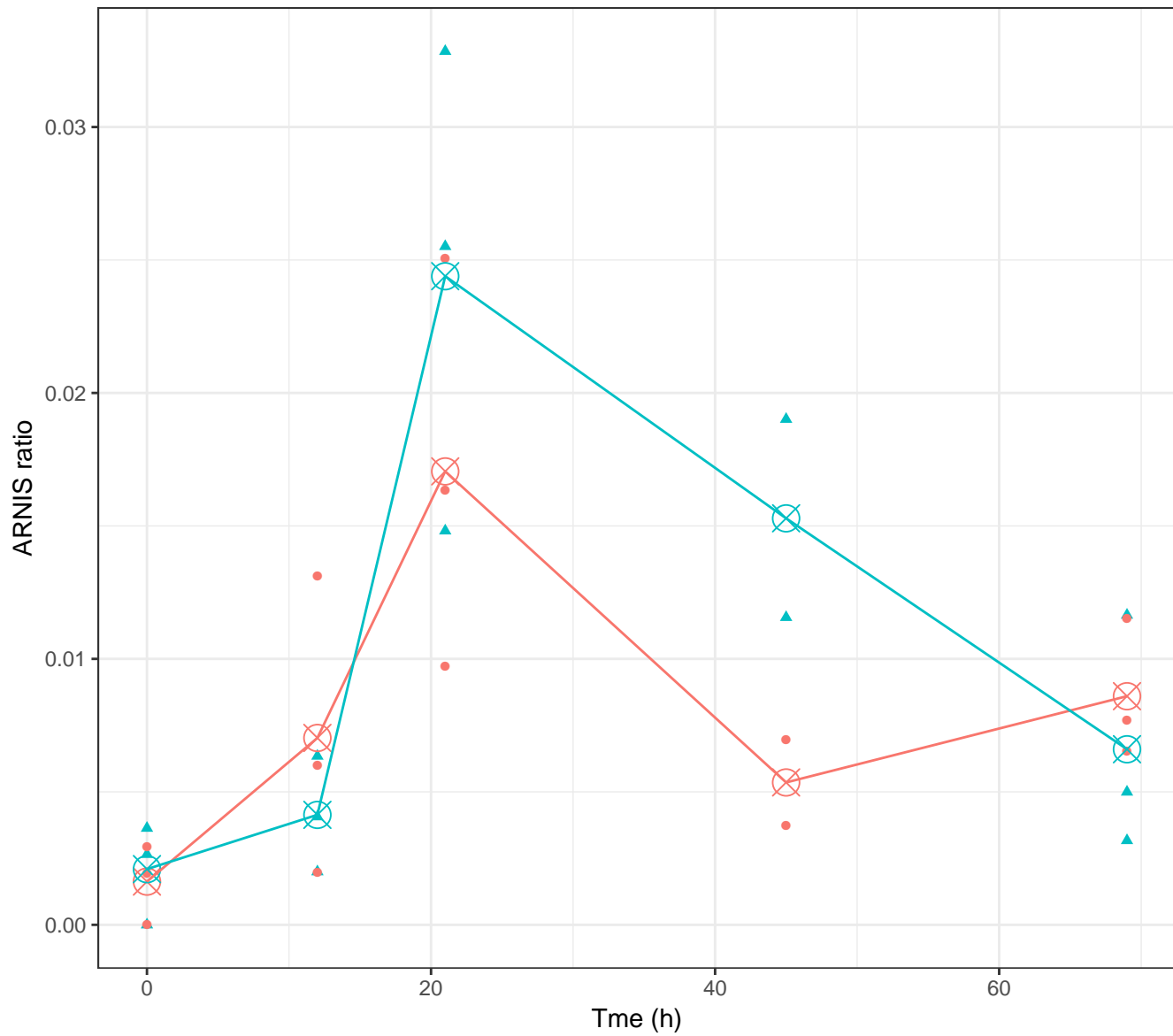
OTU.529_Planctomycetes_Planctomyces

Treatment Control Filtered-1micron



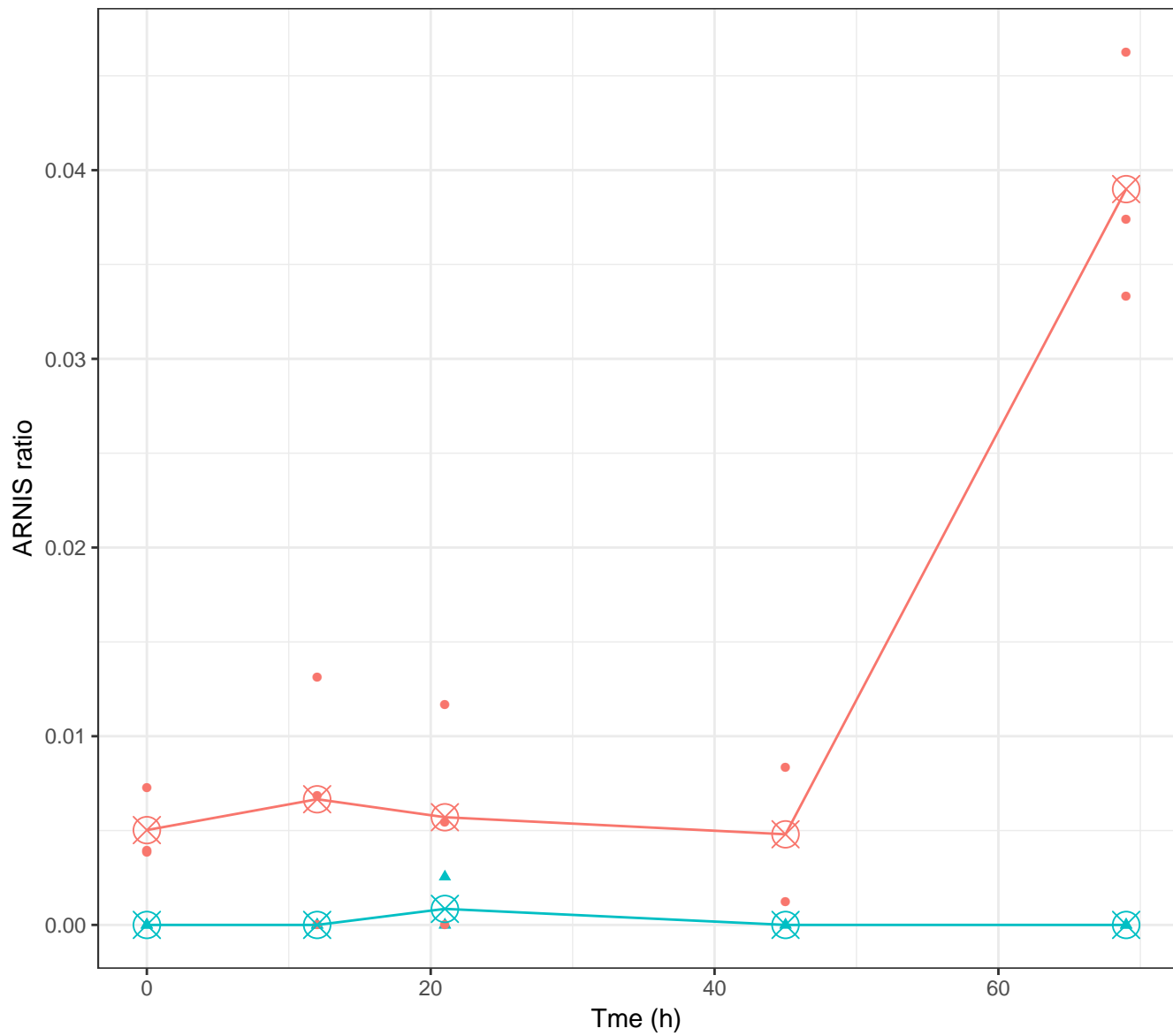
OTU.249_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



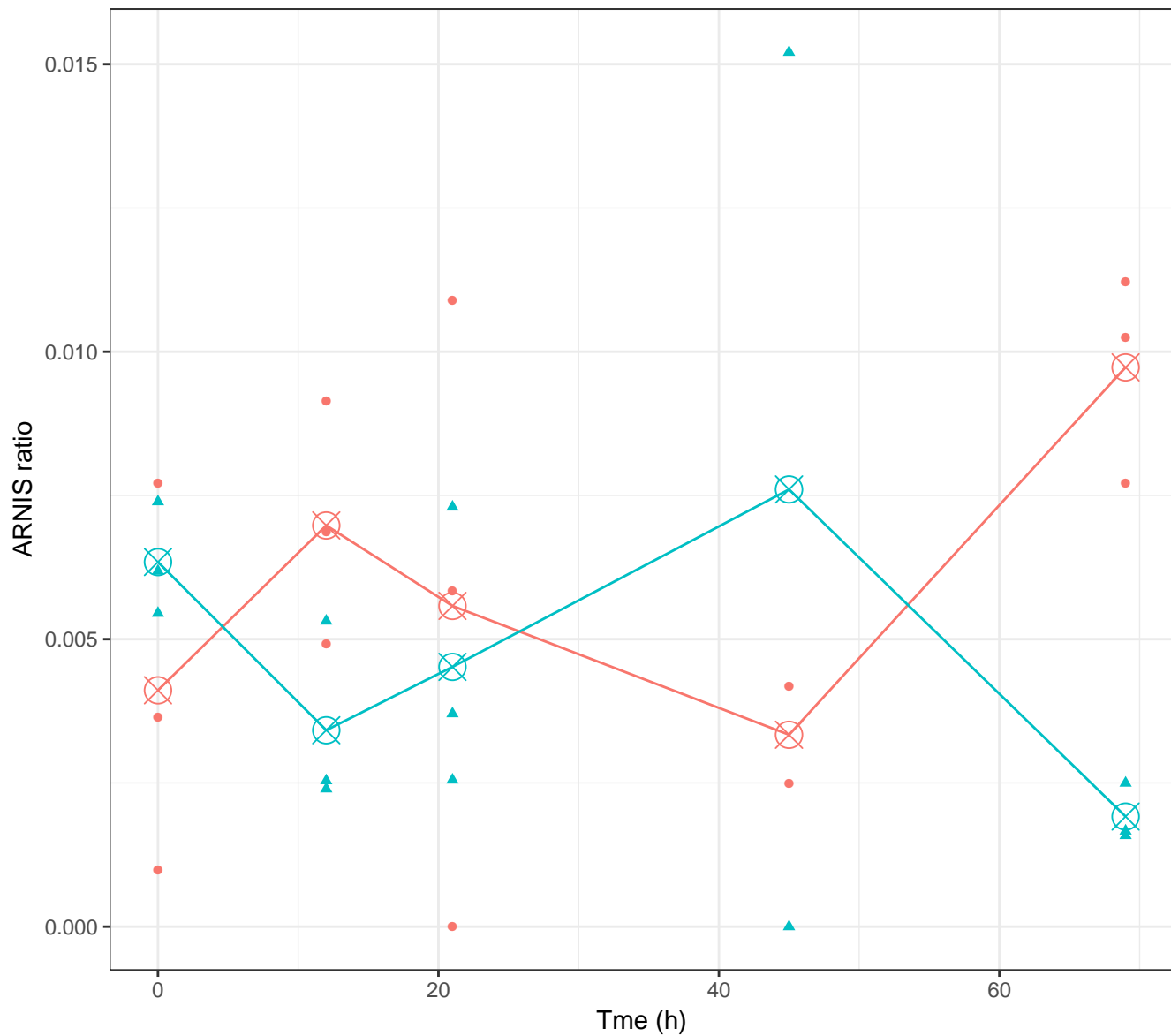
OTU.532_Deltaproteobacteria_mle1.27

Treatment Control Filtered-1micron



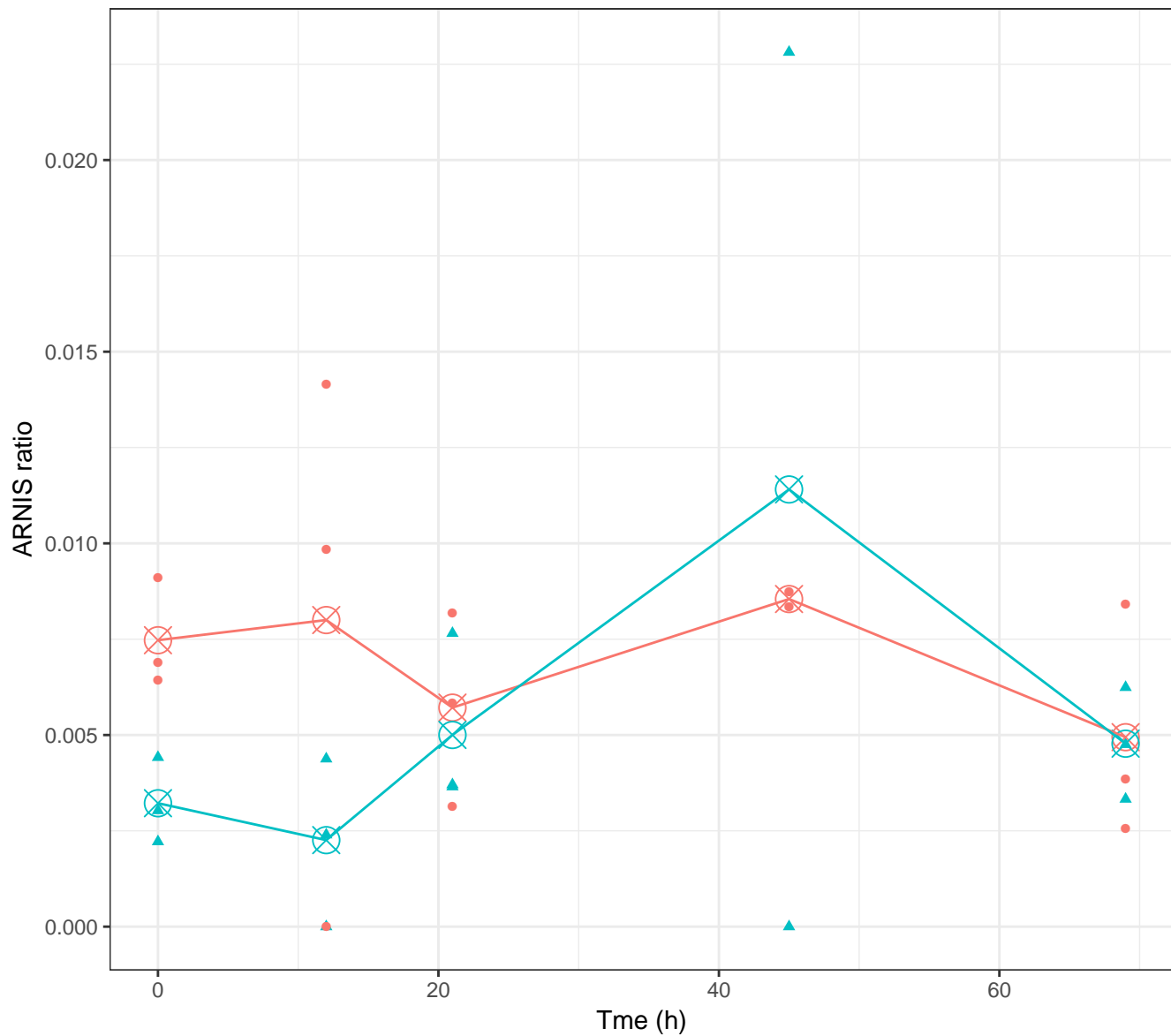
OTU.312_Chloroflexi_Roseiflexus

Treatment ⊗ Control ⊗ Filtered-1micron



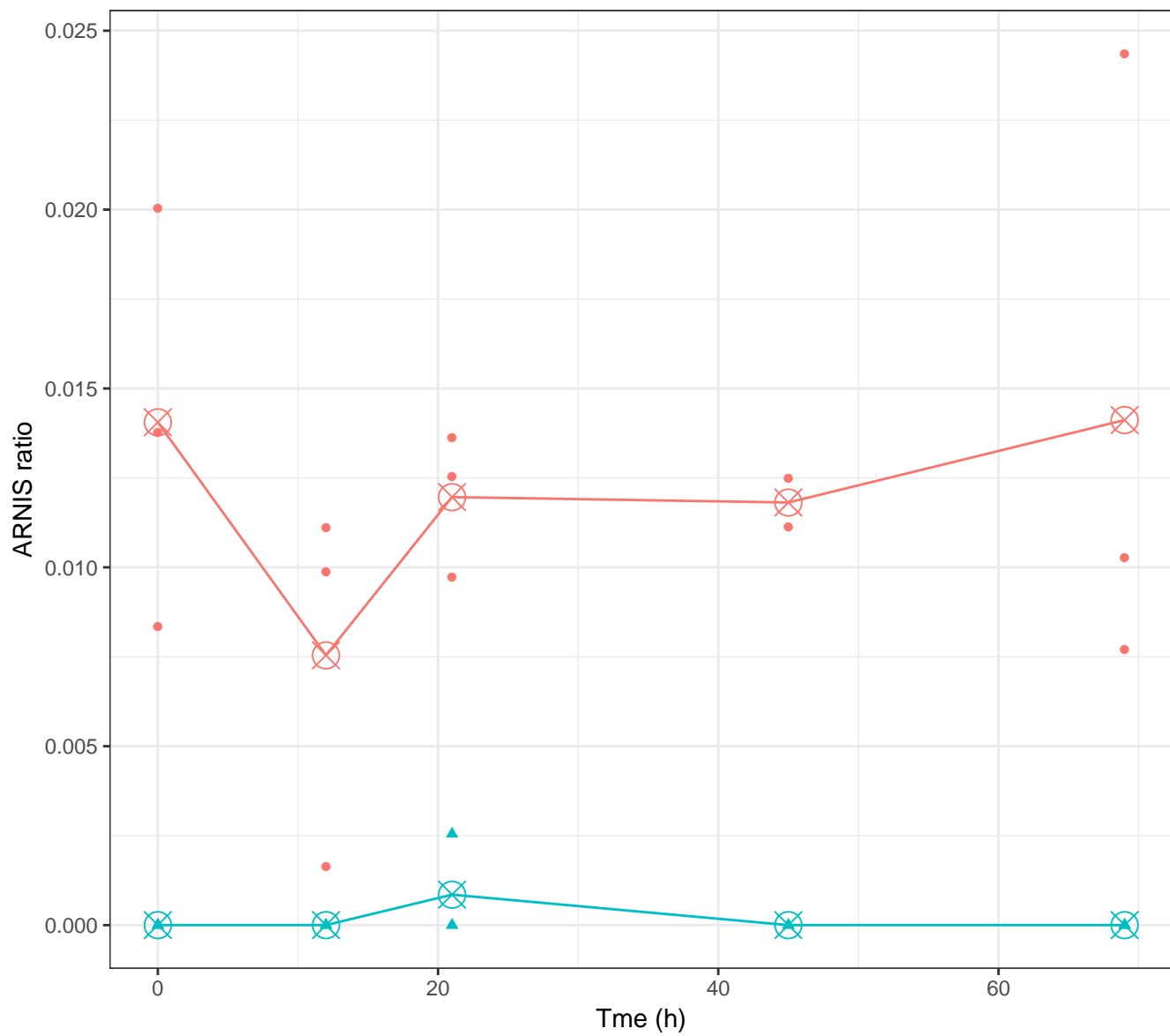
OTU.166_Actinobacteria_Microbacteriaceae

Treatment ⊗ Control ⊗ Filtered-1micron



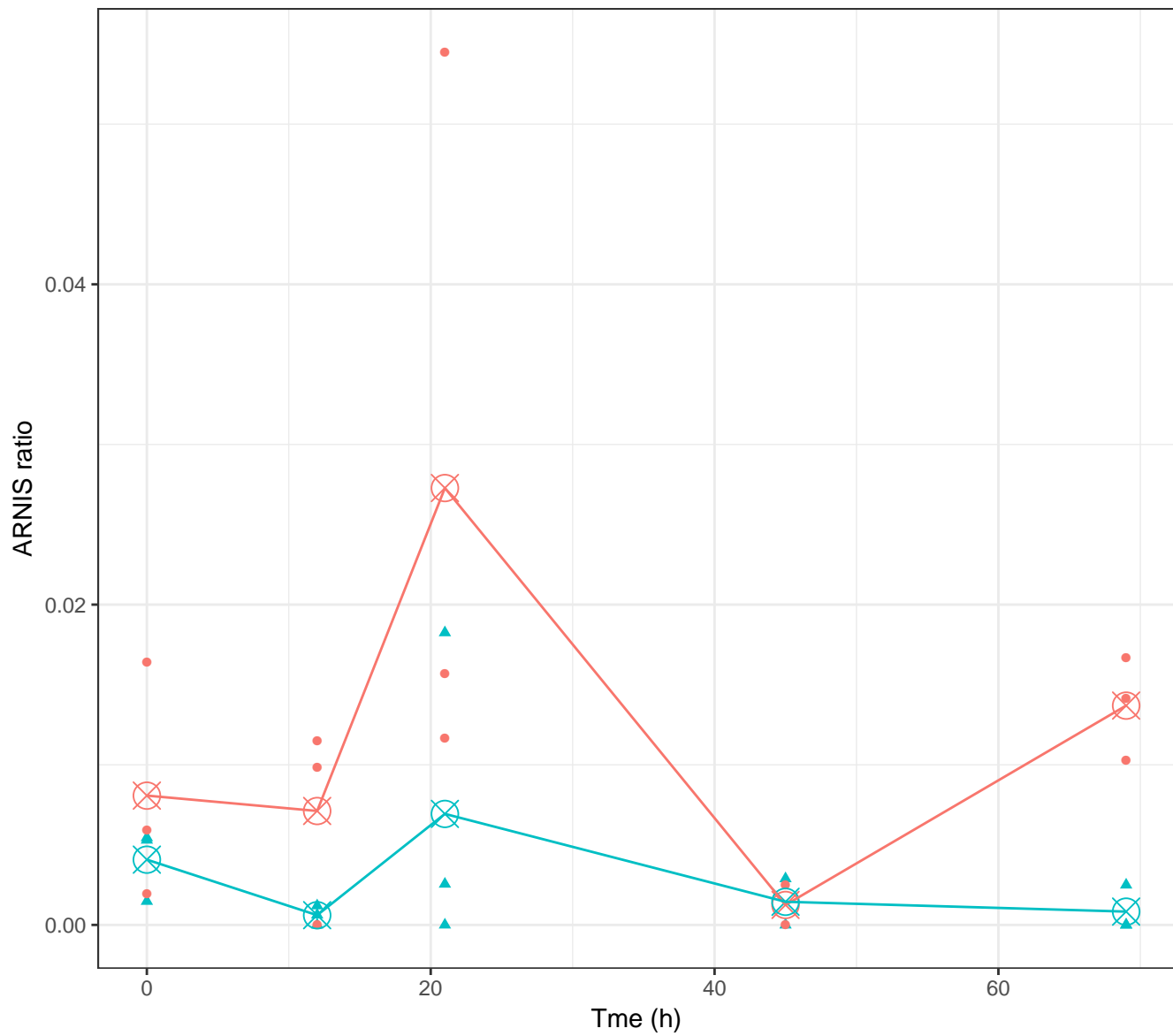
OTU.530_Planctomyces_Planctomyces

Treatment Control Filtered-1micron



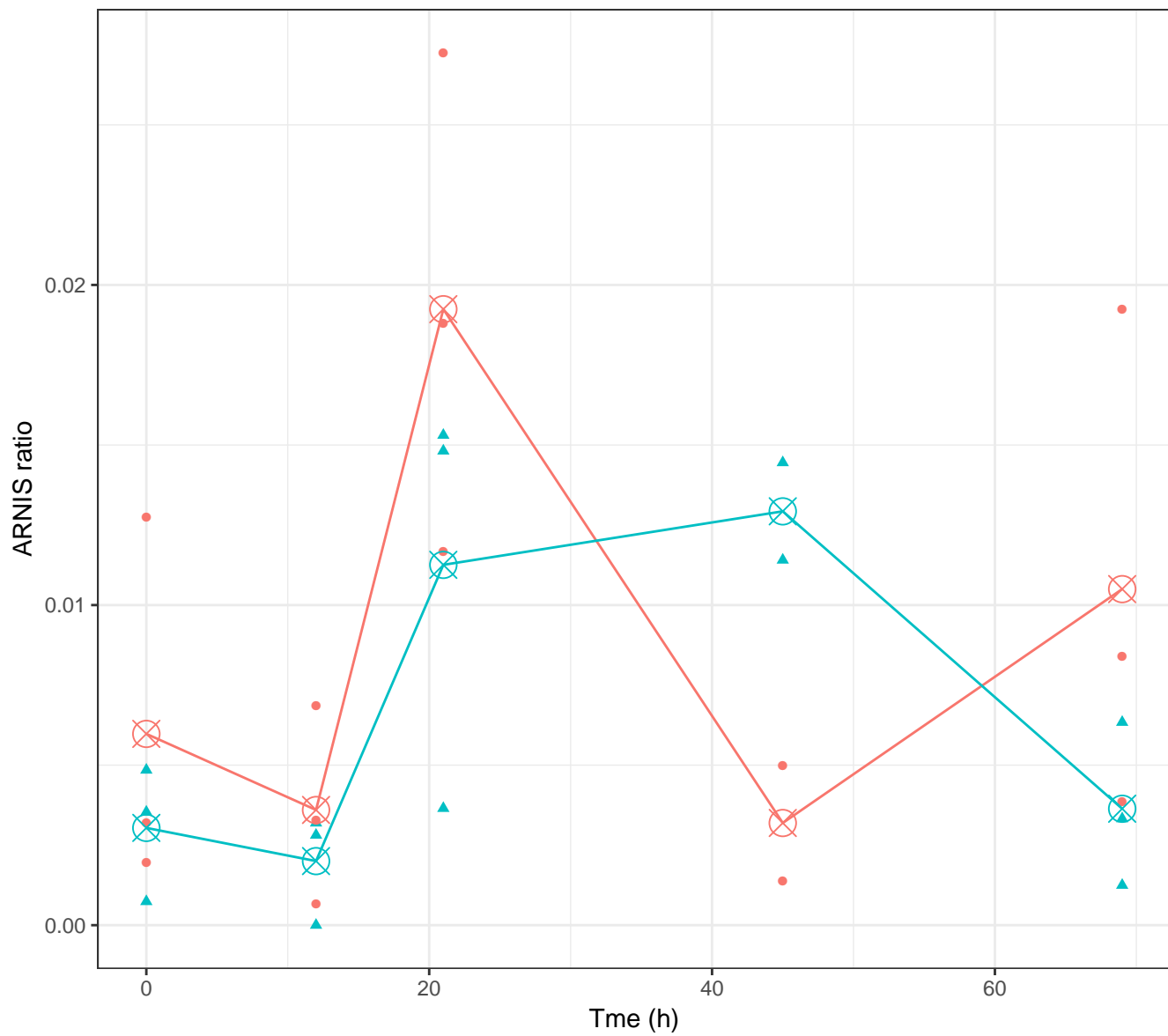
OTU.538_Bacteroidetes_Elizabethkingia

Treatment Control Filtered-1micron



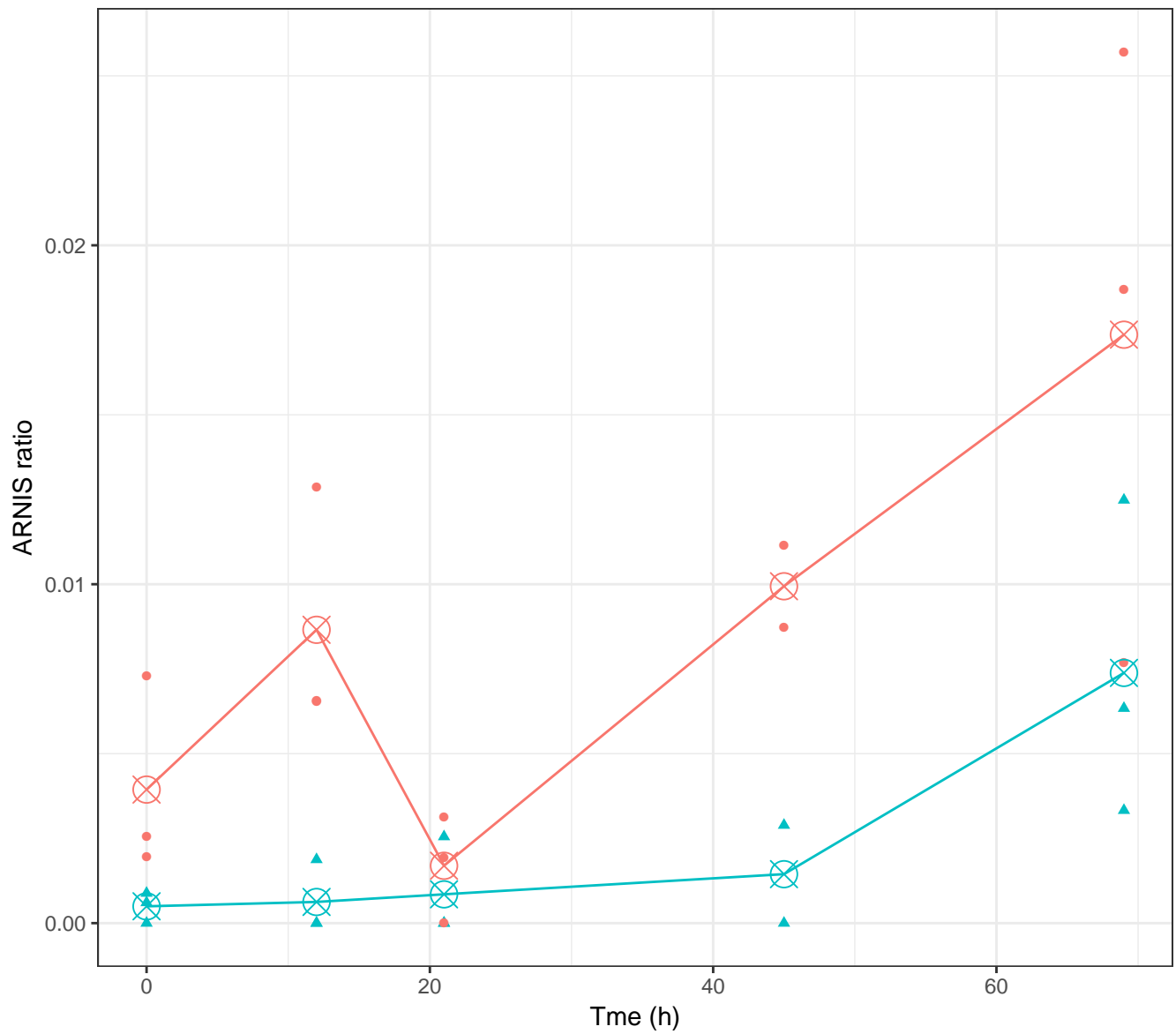
OTU.36_Bacteroidetes_Fluviicola

Treatment Control Filtered-1micron



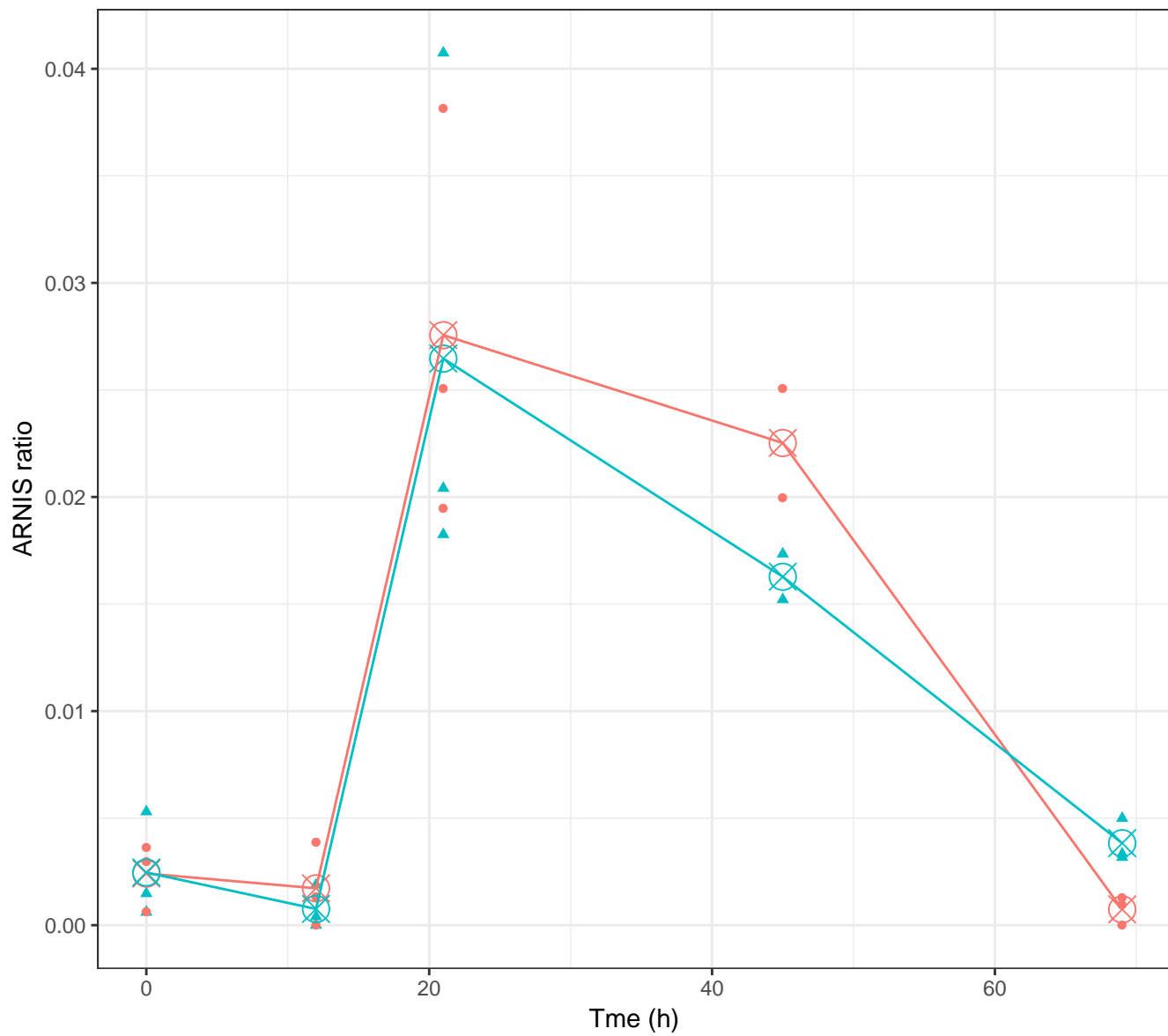
OTU.500_Alphaproteobacteria_Hyphomonadaceae

Treatment Control Filtered-1micron



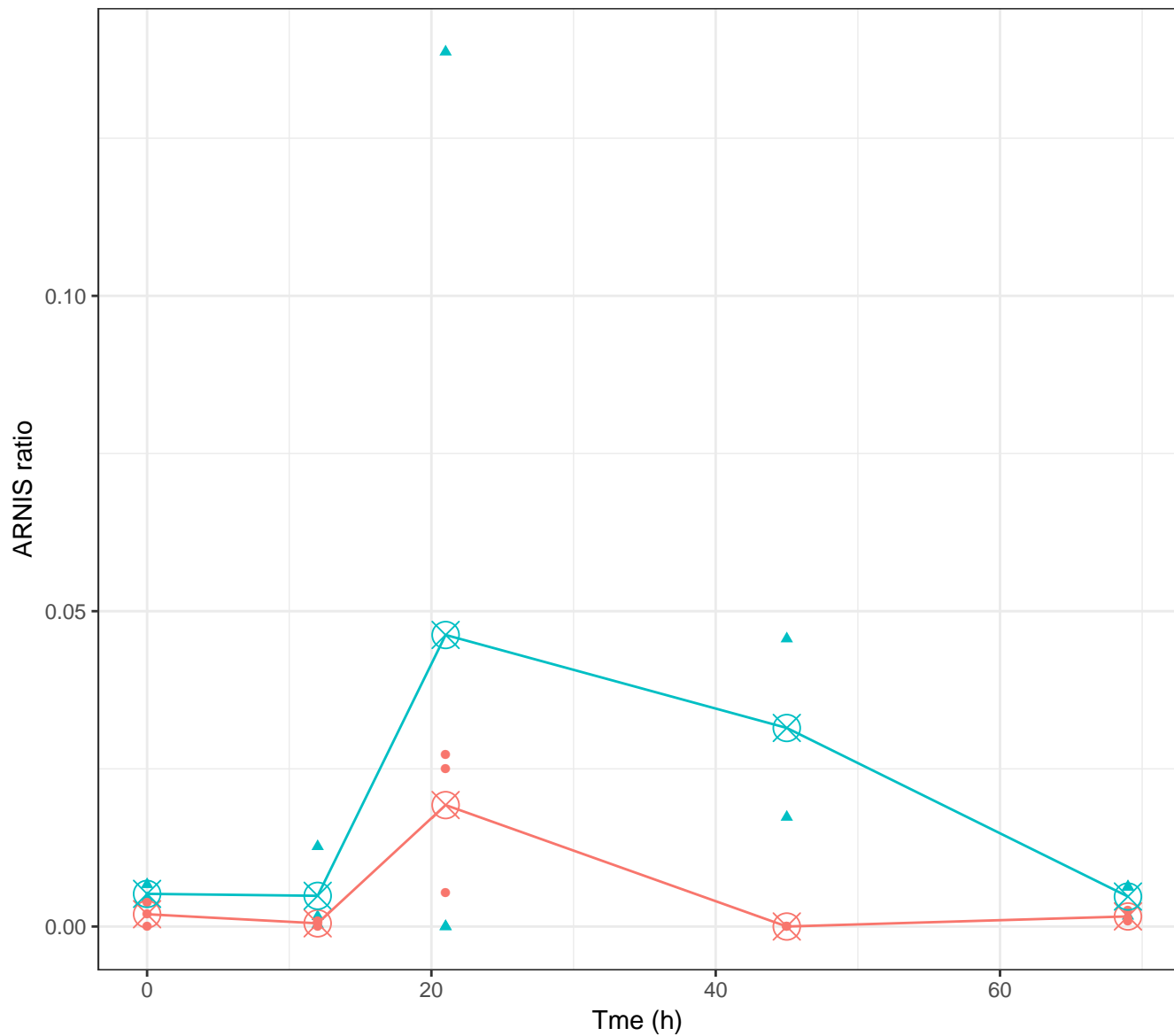
OTU.499_Firmicutes_Weissella_1

Treatment Control Filtered-1micron



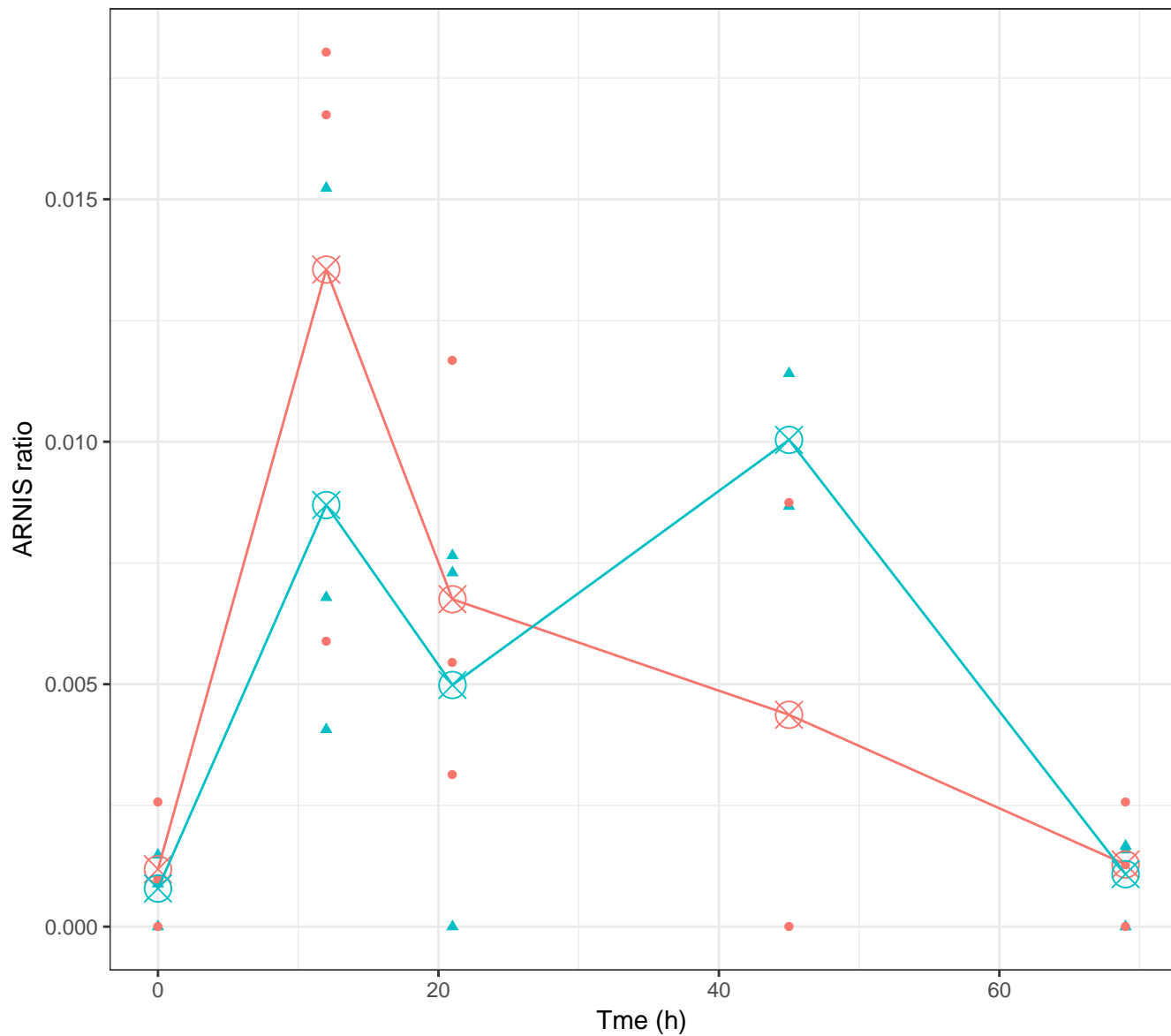
OTU.10014_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



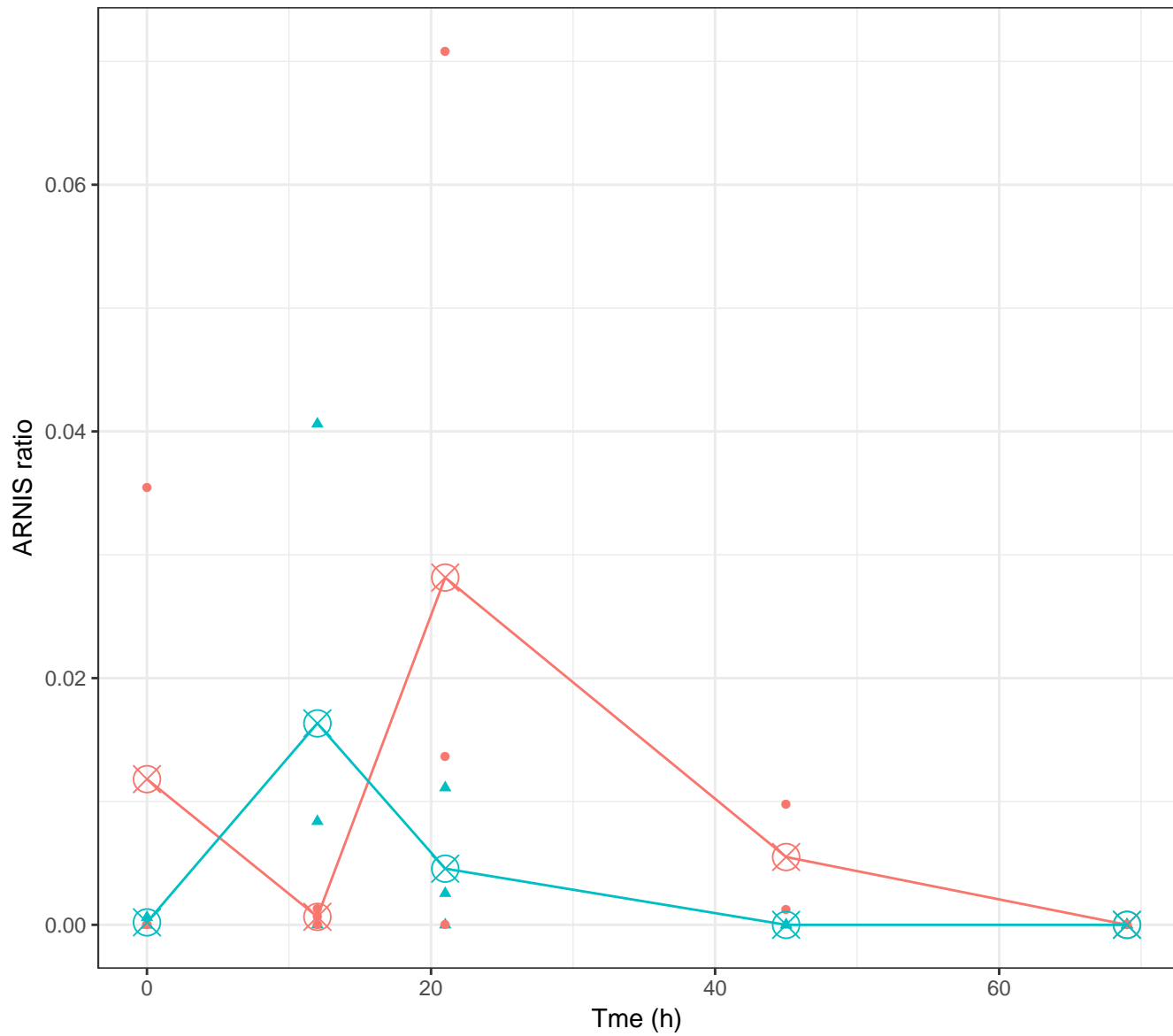
OTU.4_Bacteroidetes_Flavobacterium

Treatment Control Filtered-1micron



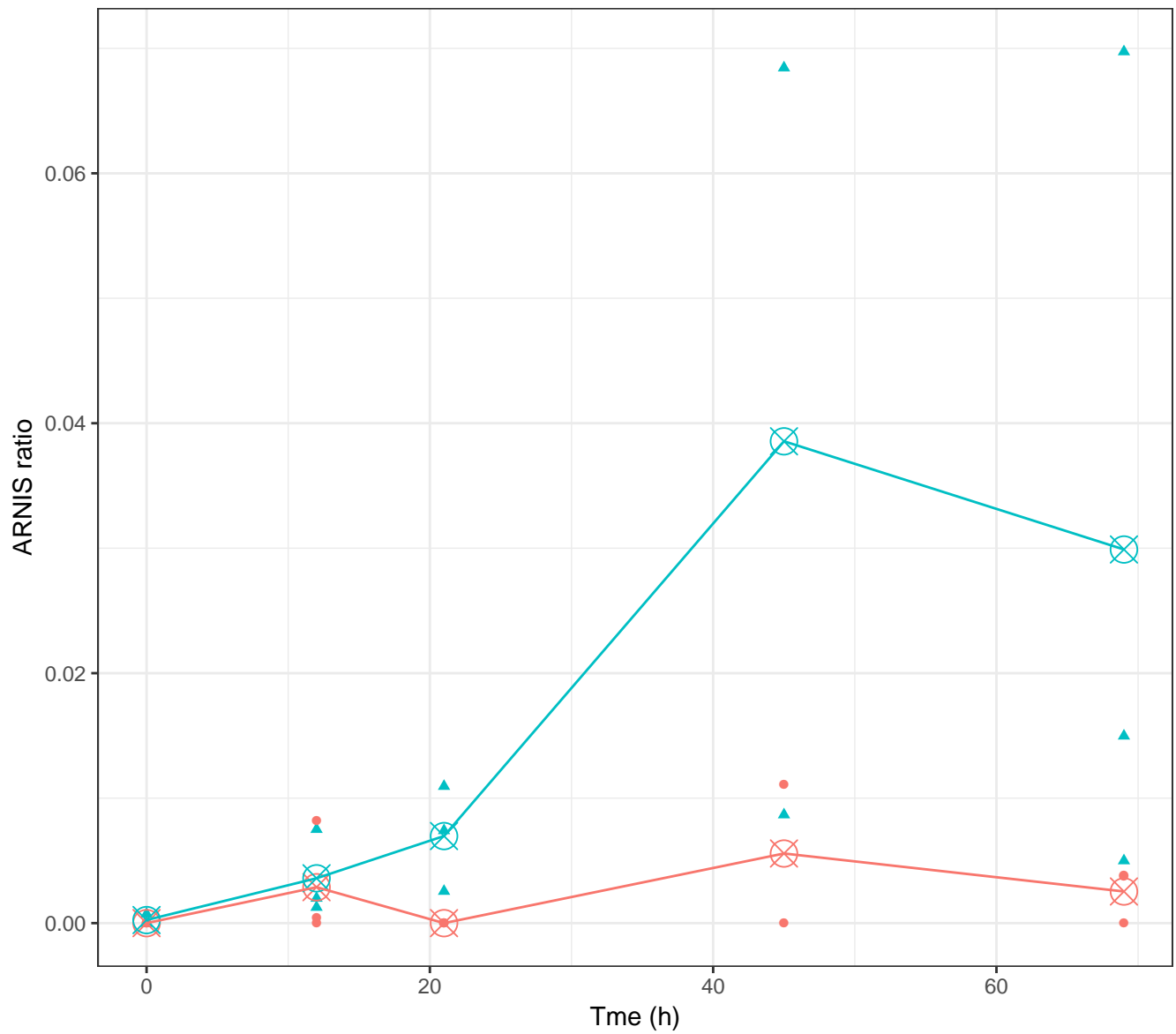
OTU.4673_Gammaproteobacteria_Acinetobacter

Treatment Control Filtered-1micron



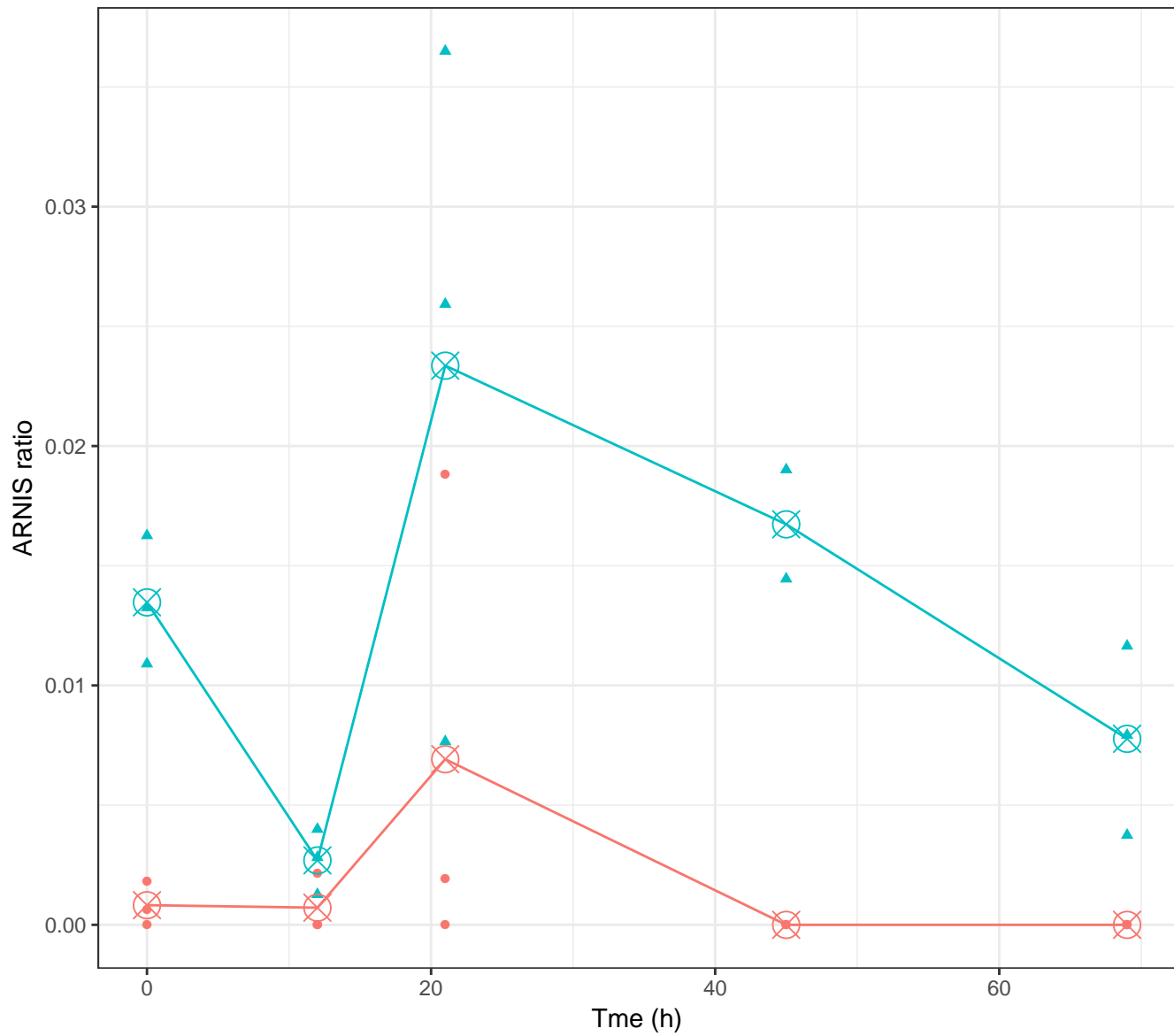
OTU.644_Gammaproteobacteria_Rheinheimera

Treatment Control Filtered-1micron



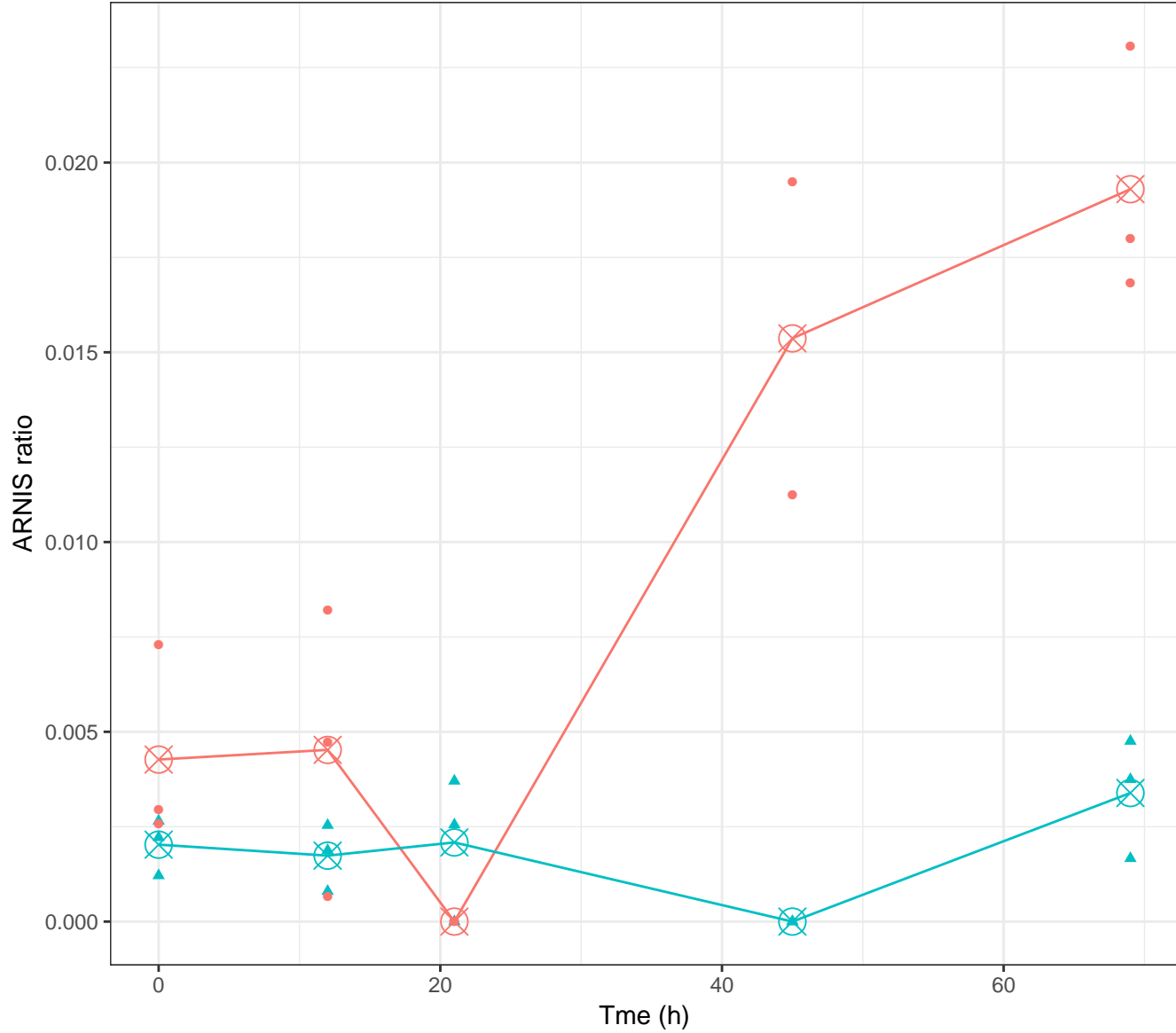
OTU.241_Betaproteobacteria_Methylophilaceae_PRD01a011B

Treatment Control Filtered-1micron



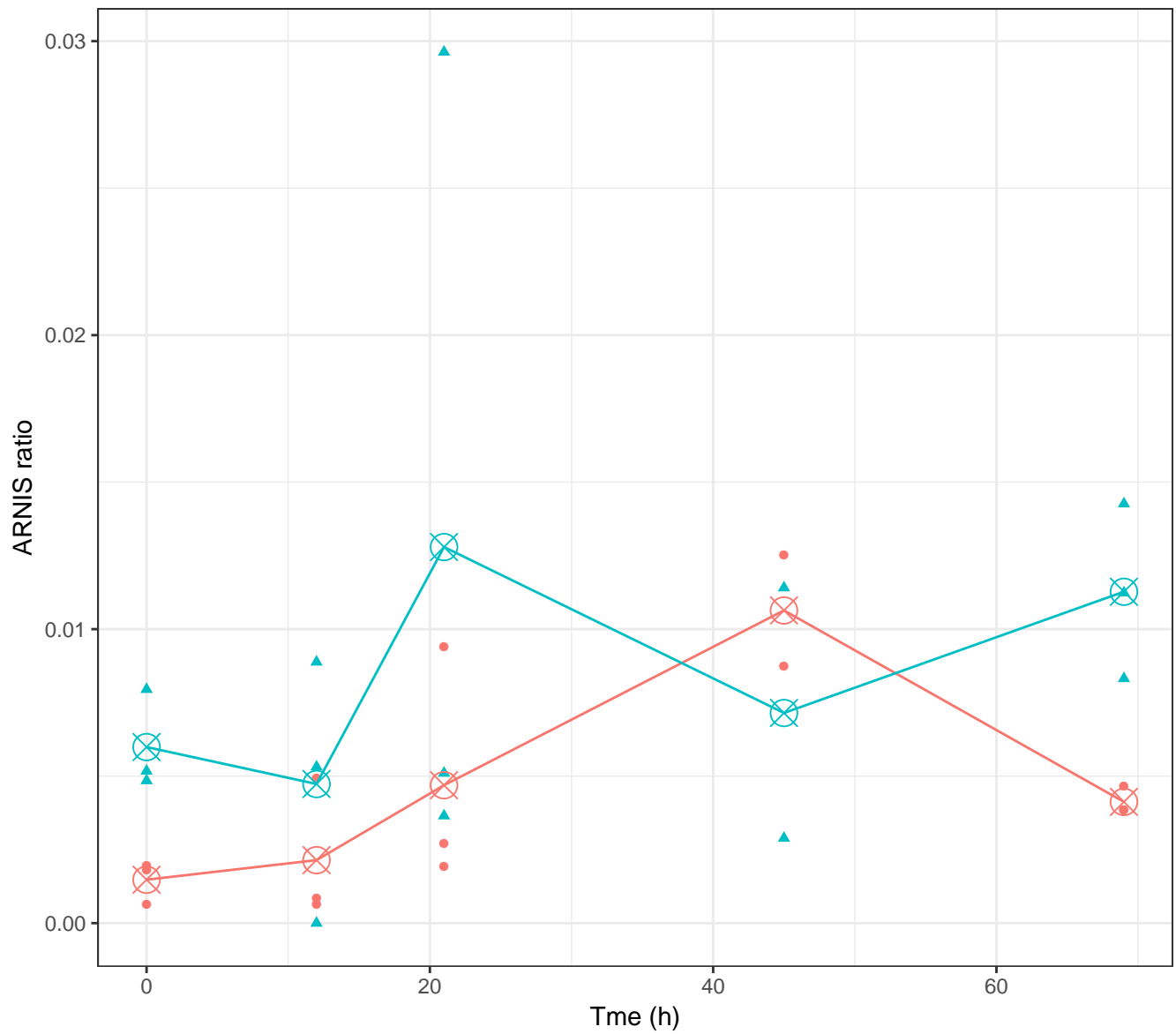
OTU.620_Gammaproteobacteria_BD1.7_clade

Treatment ⊗ Control ⊗ Filtered-1micron



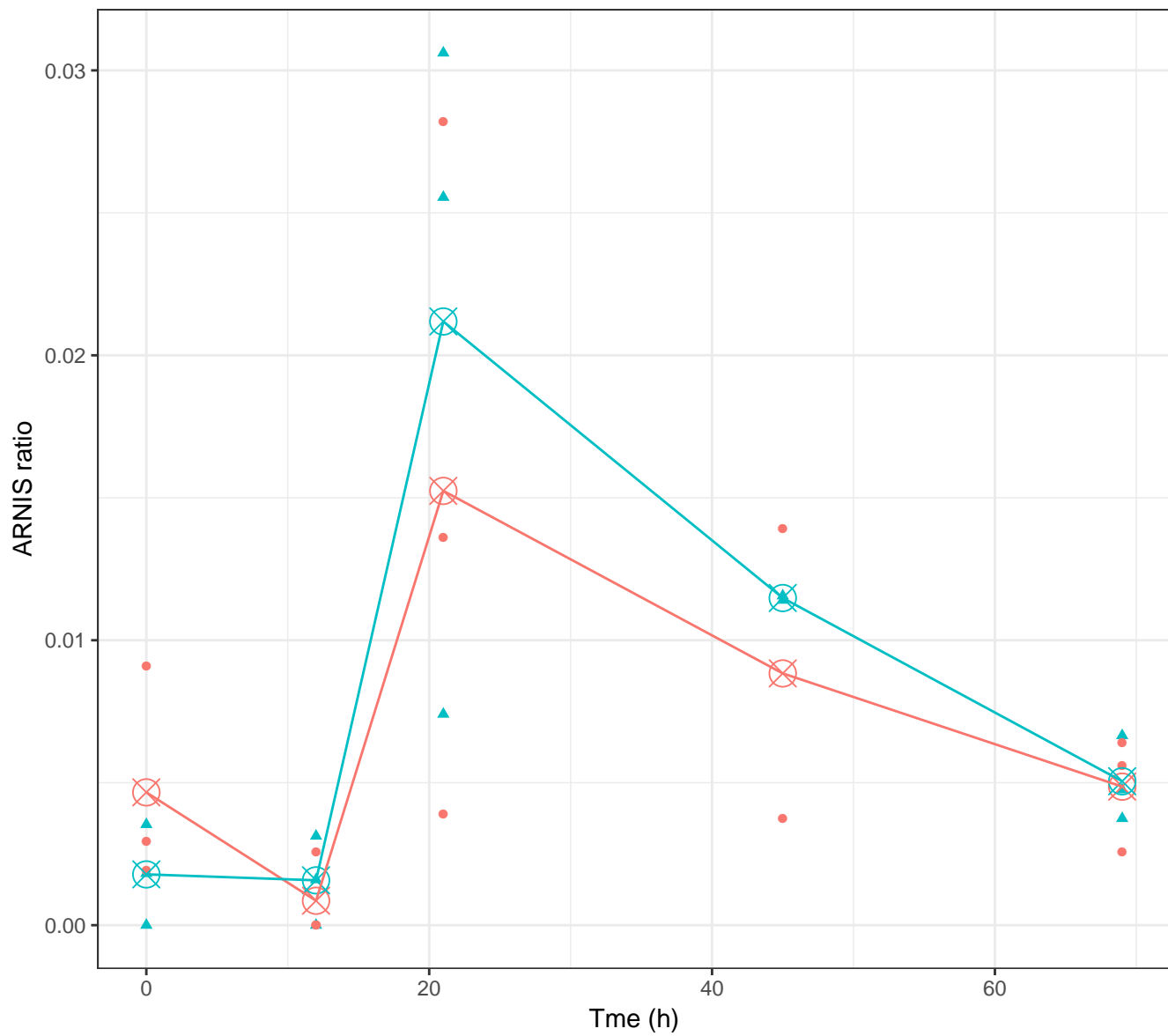
OTU.570_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



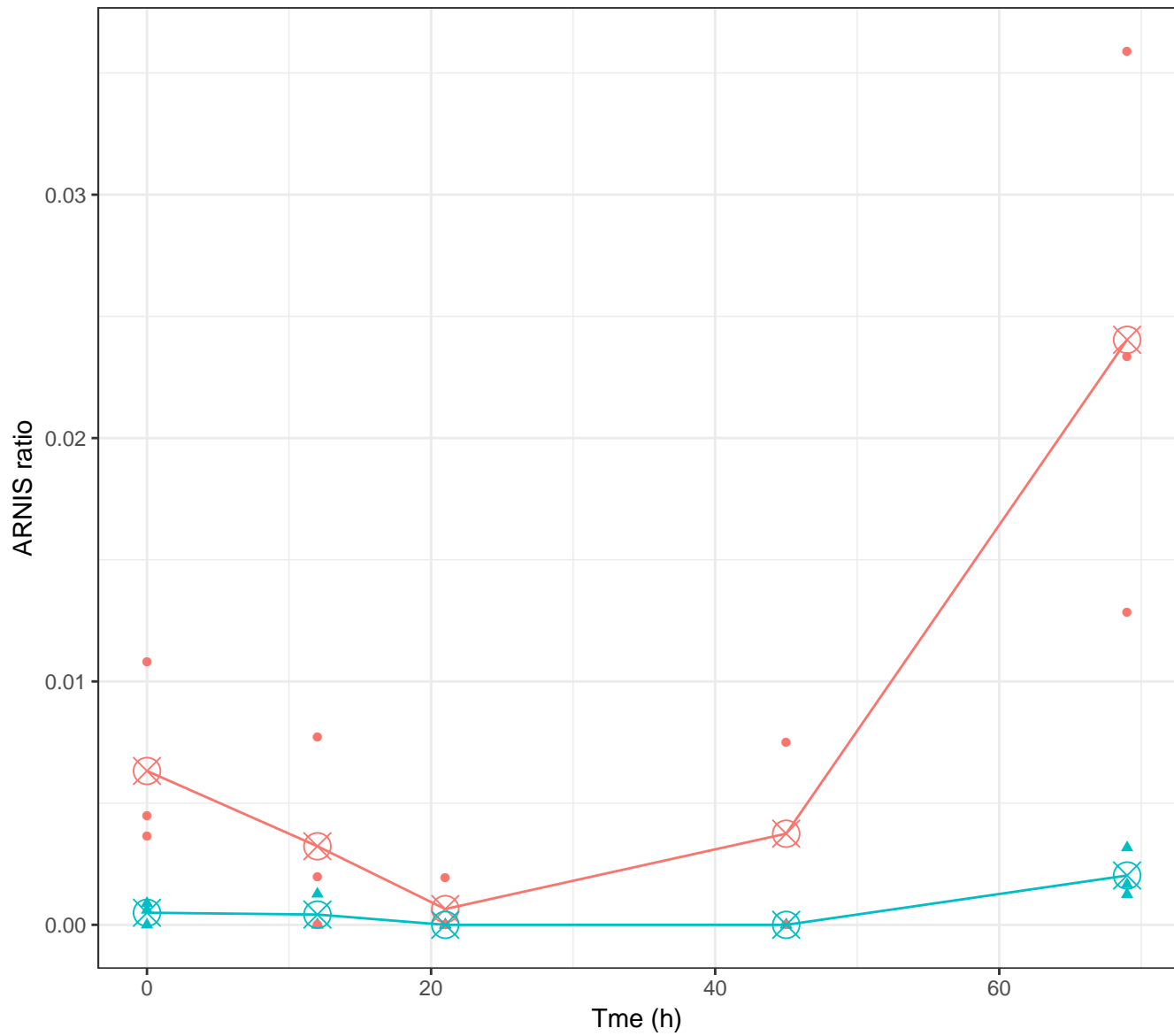
OTU.4565_Bacteroidetes_Flavobacterium

Treatment Control Filtered-1micron



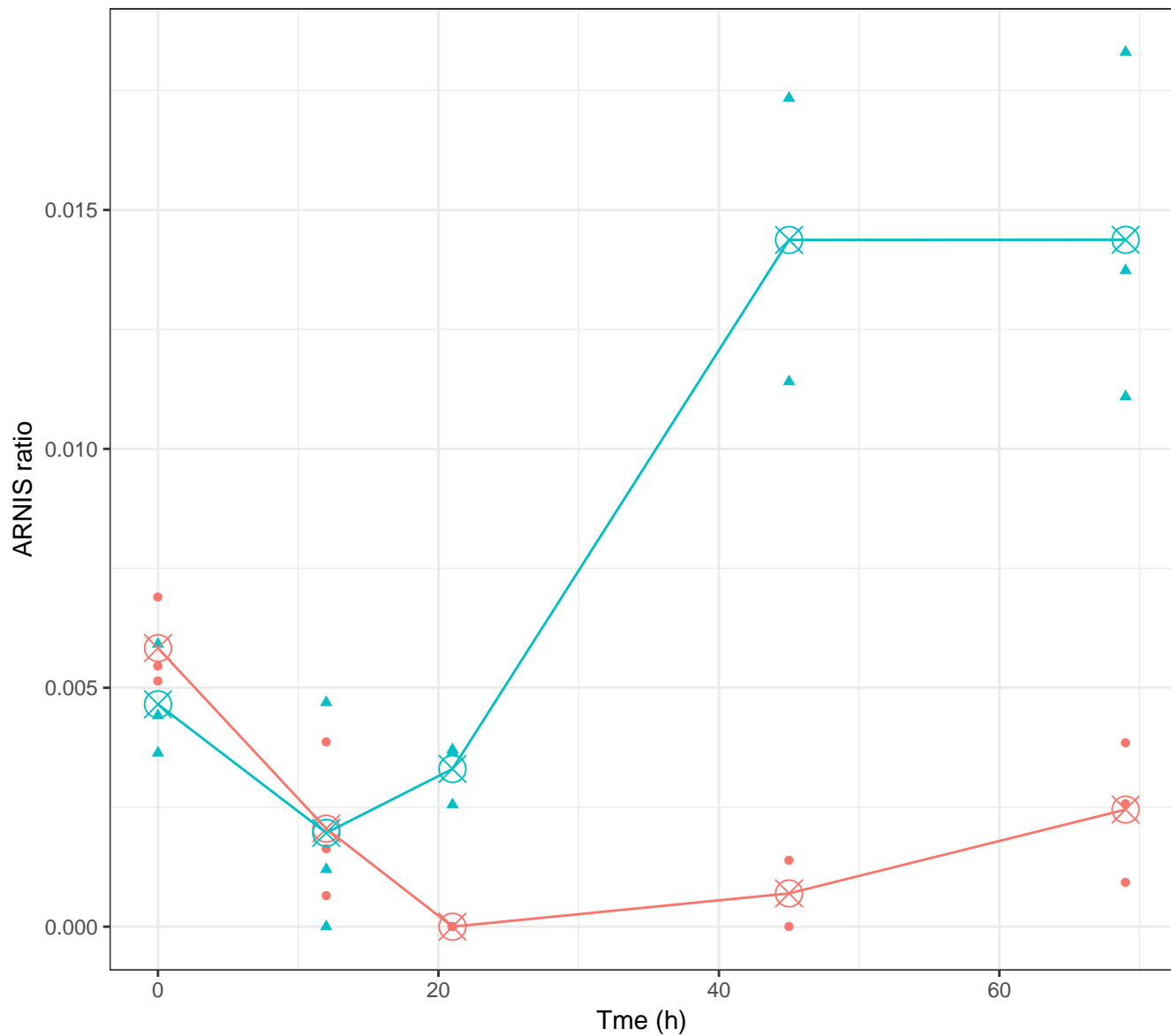


OTU.628_Alphaproteobacteria_Phenylobacterium

Treatment Control Filtered-1micron

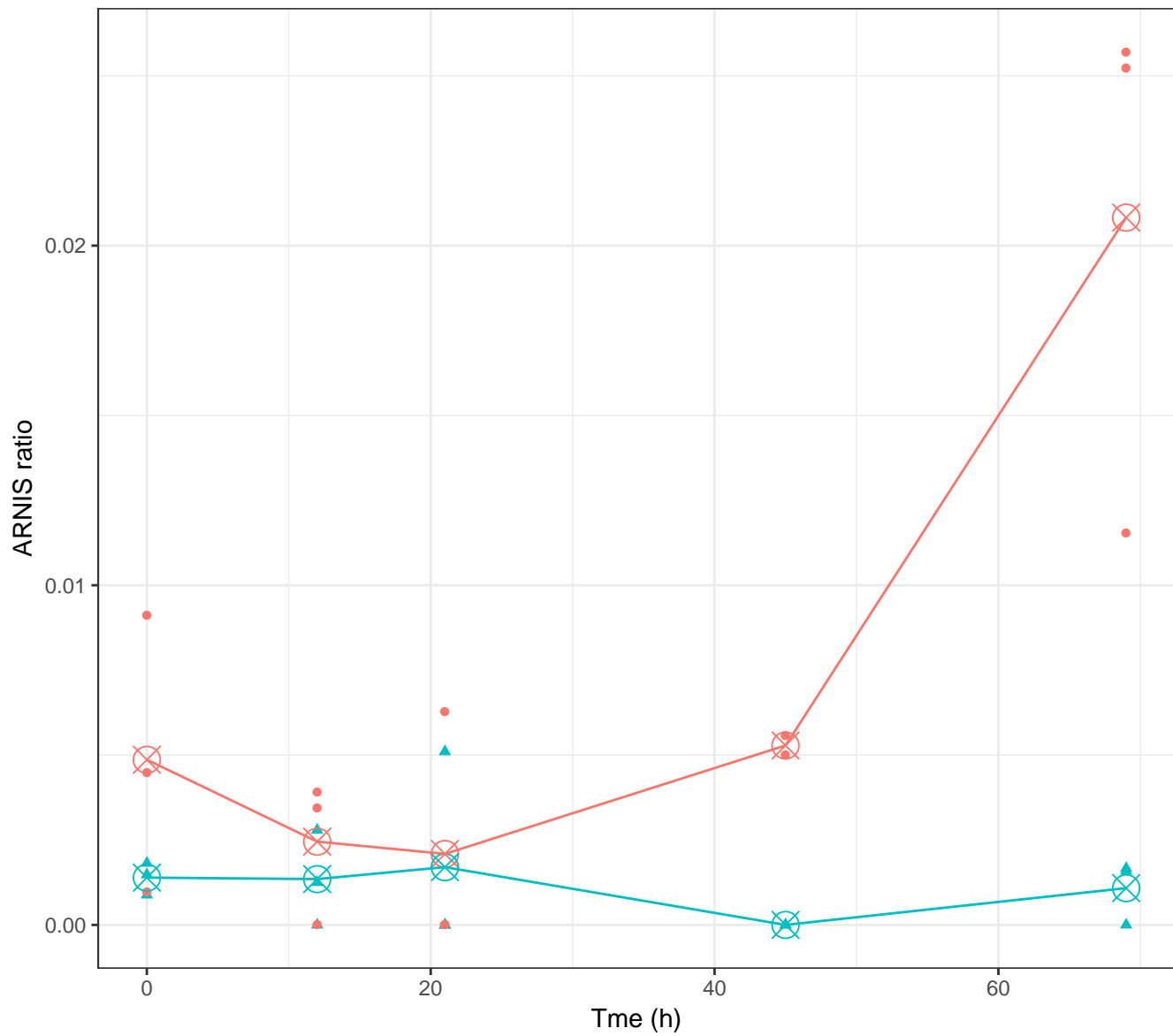


OTU.671_Gemmatimonadetes_Gemmatimonadaceae

Treatment  Control  Filtered-1micron

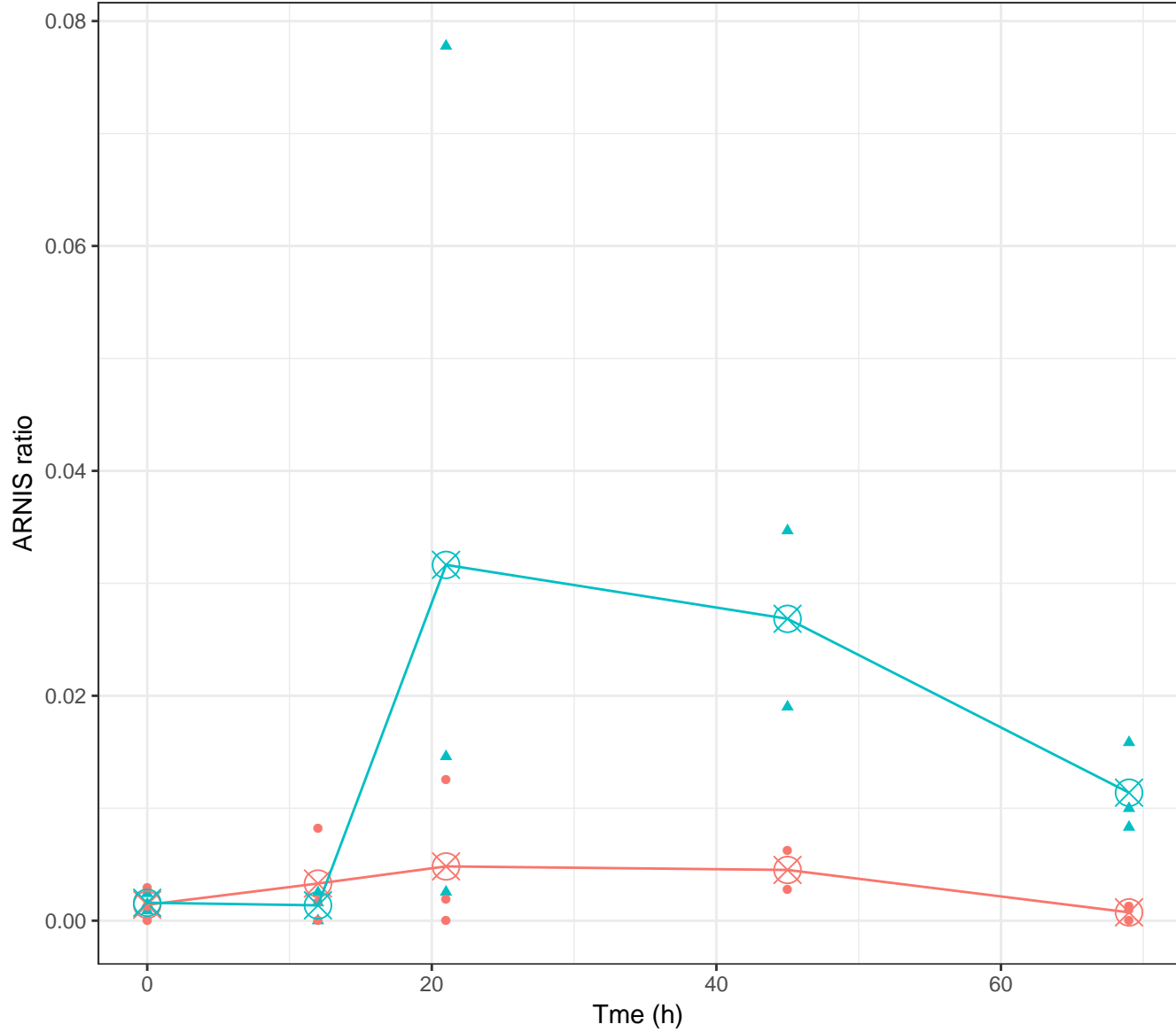
OTU.632_Alphaproteobacteria_SM2D12

Treatment ⊗ Control ⊗ Filtered-1micron



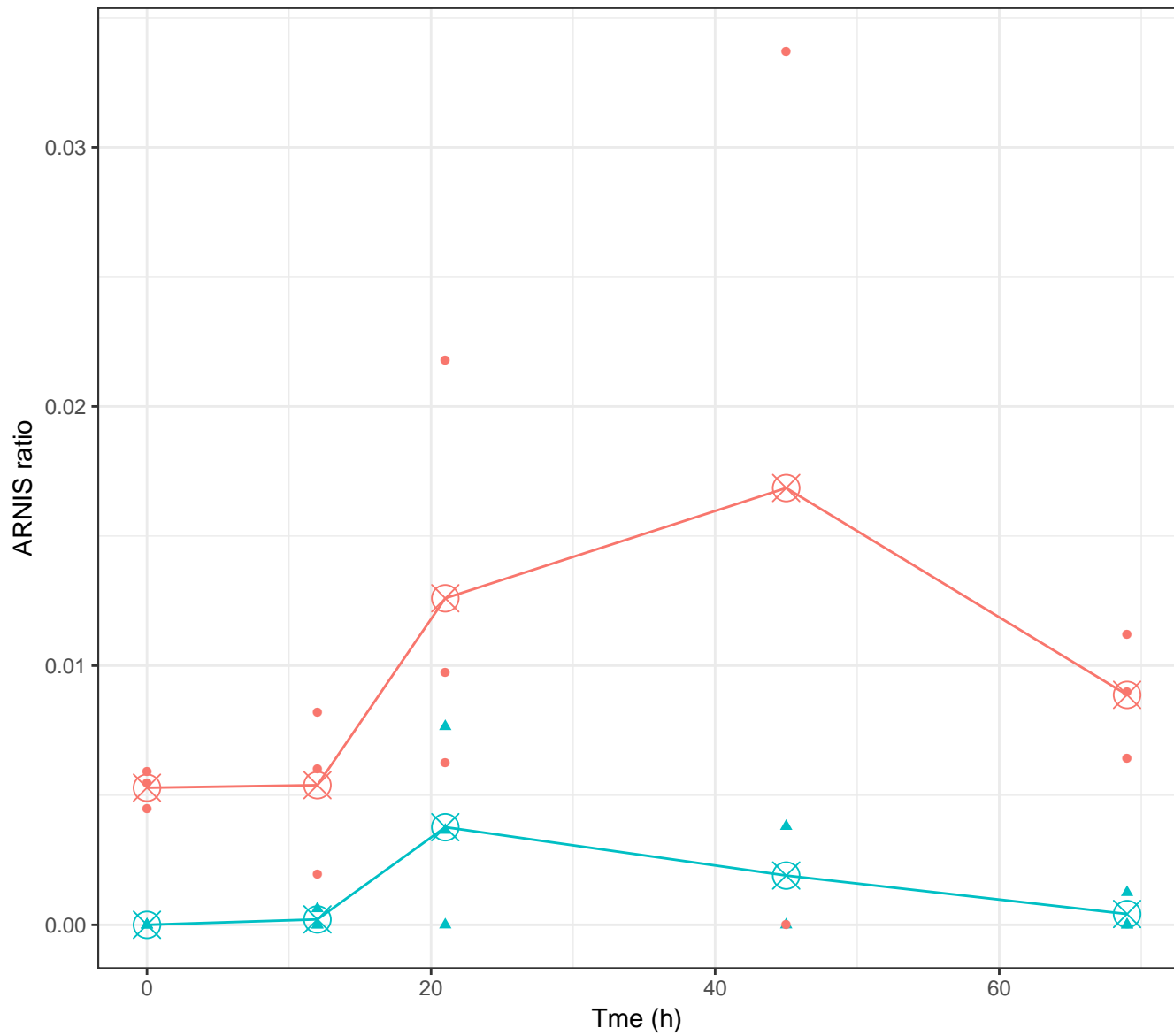
OTU.768_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



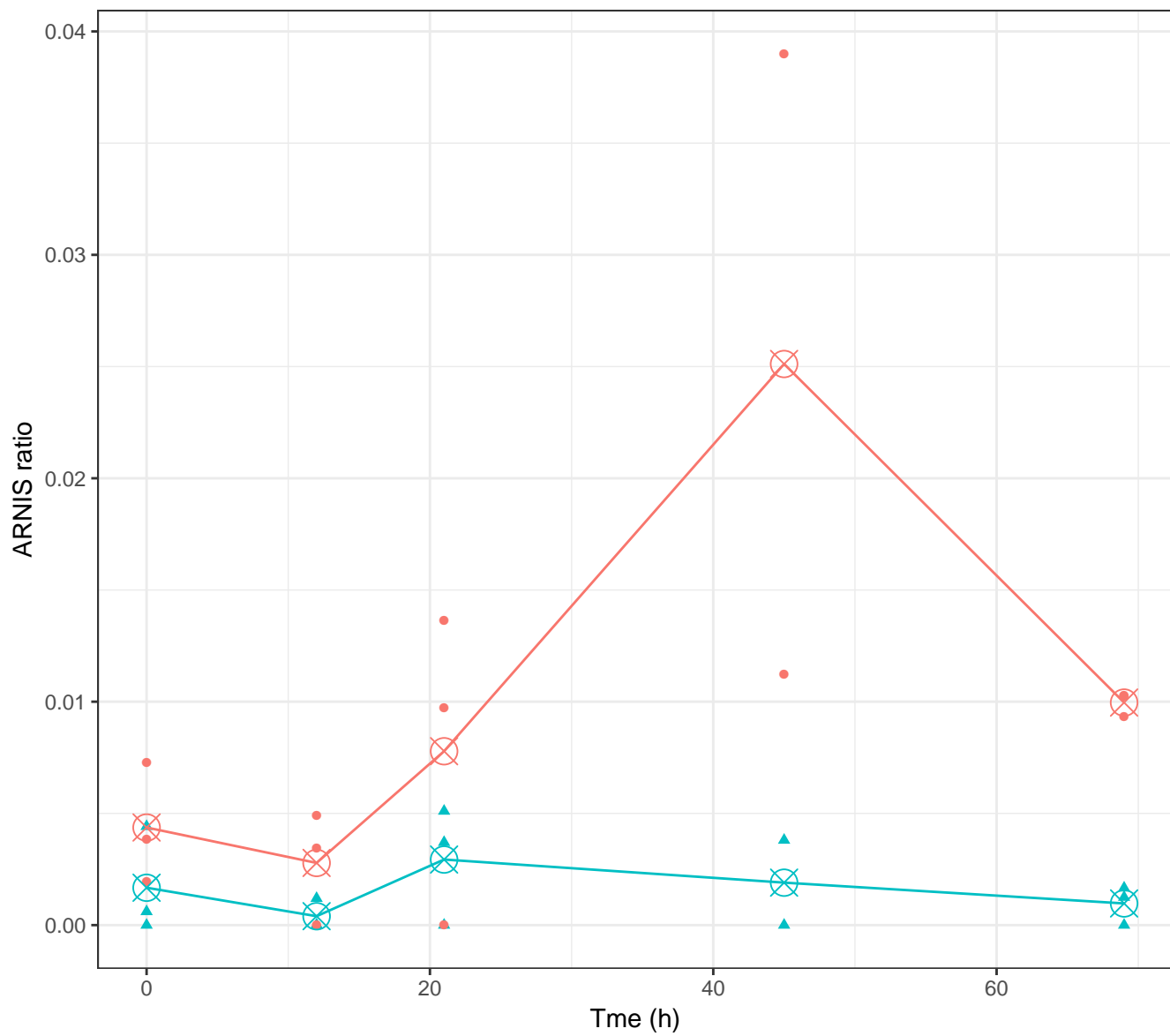
OTU.683_Planctomycetes_Pirellula

Treatment Control Filtered-1micron



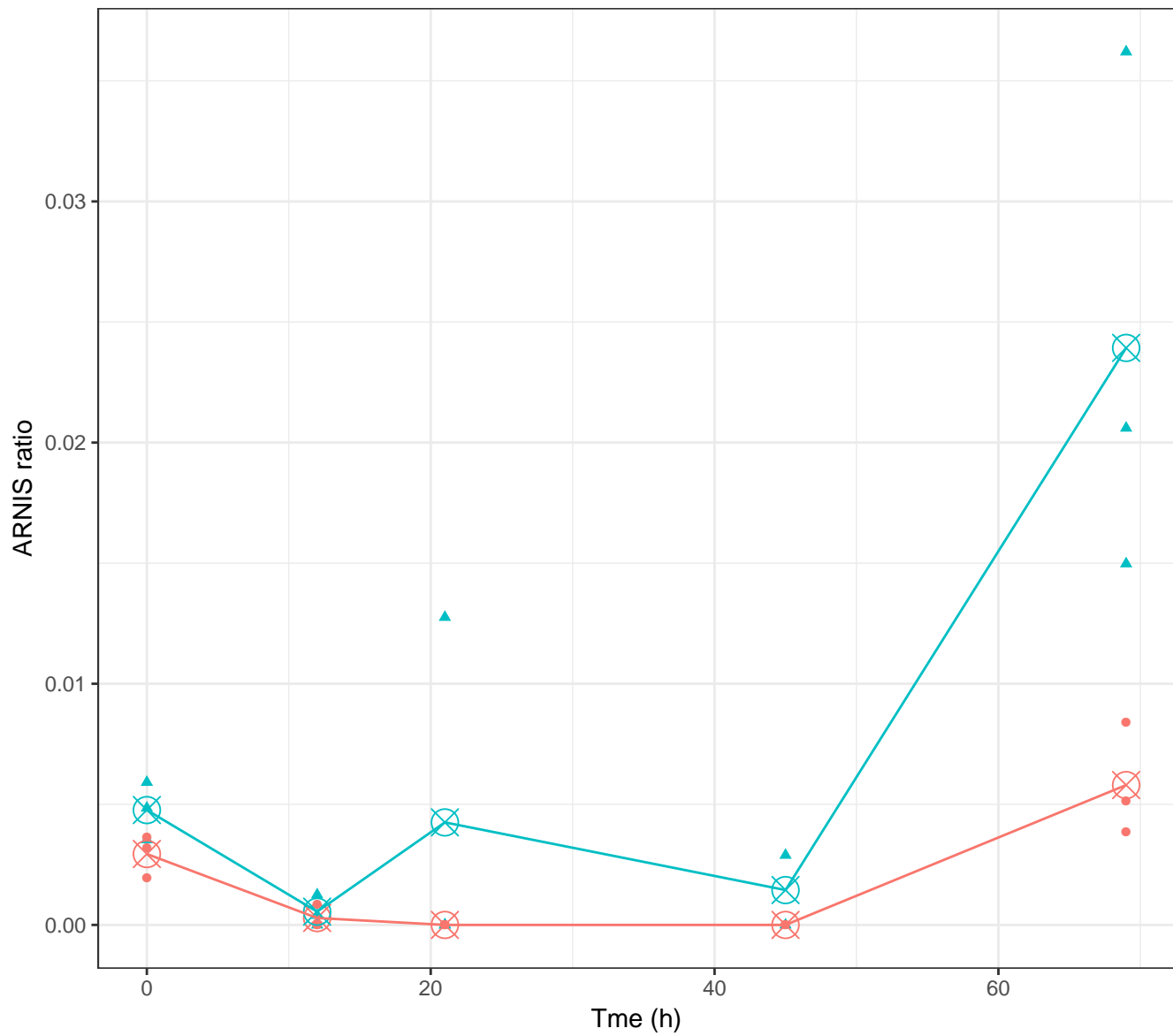
OTU.8365_Bacteroidetes_NS9_marine_group

Treatment Control Filtered-1micron



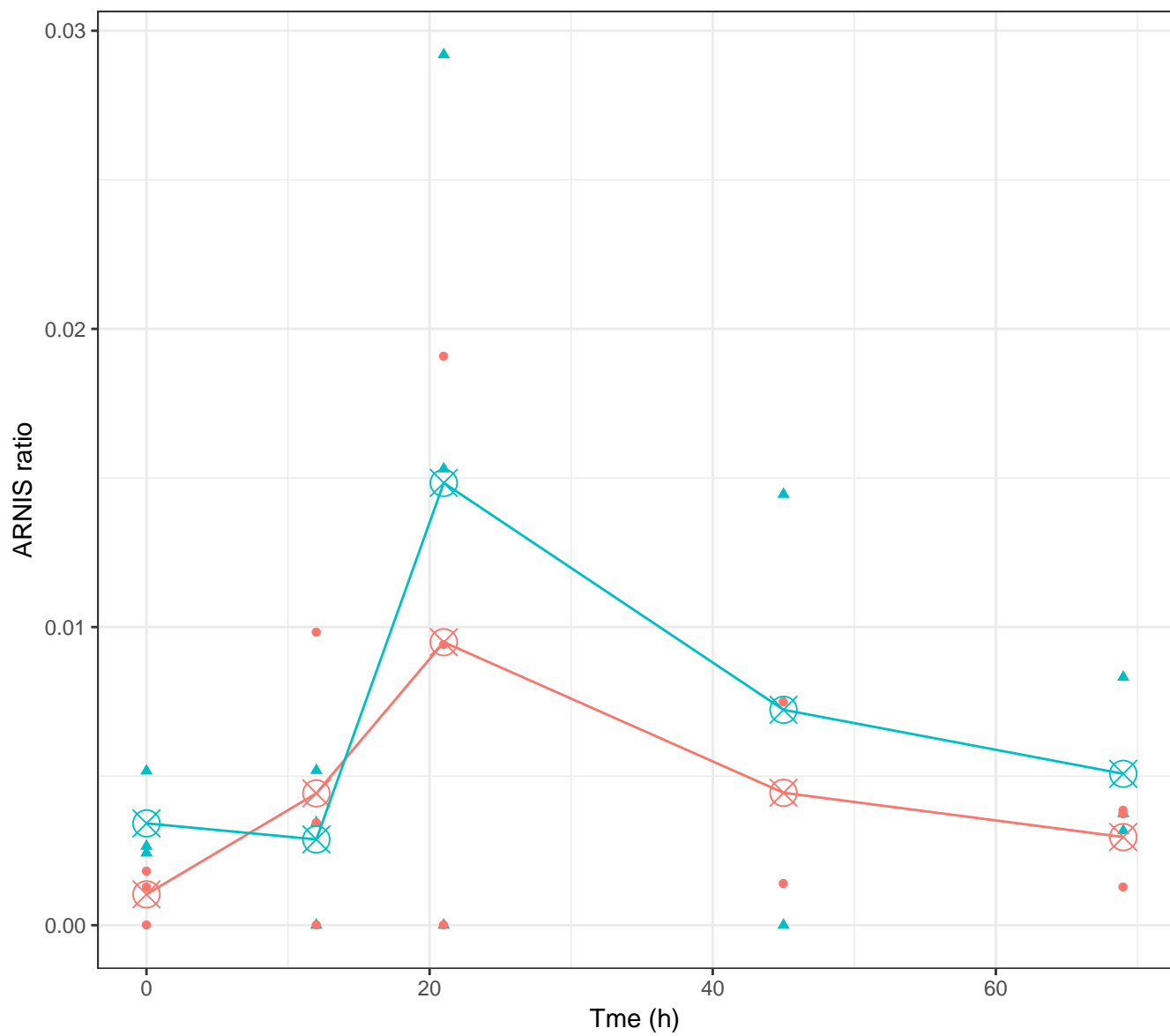
OTU.7900_Actinobacteria_Candidatus_Planktophilia

Treatment Control Filtered-1micron



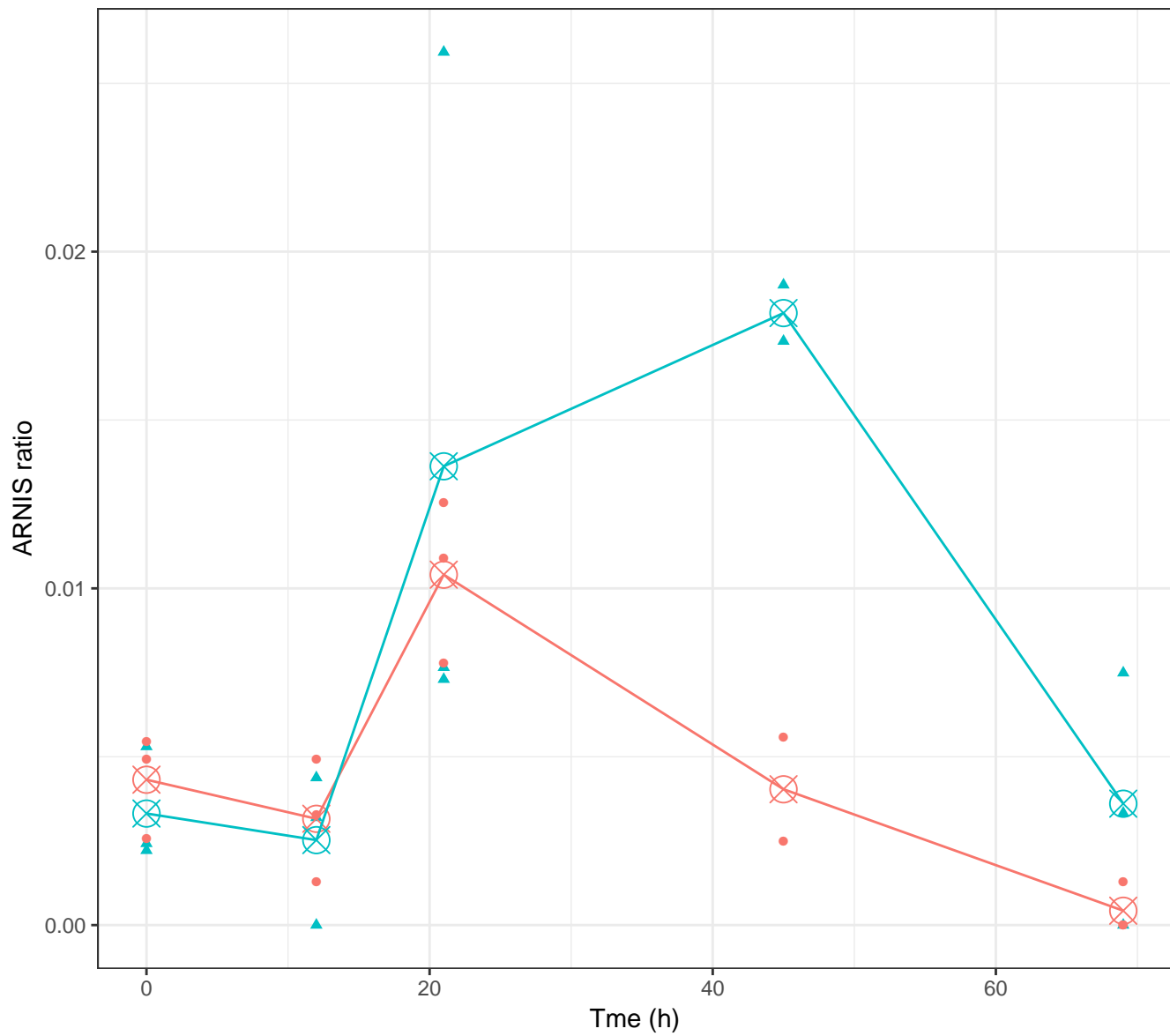
OTU.667_Bacteroidetes_NS11.12marinegroup

Treatment Control Filtered-1micron



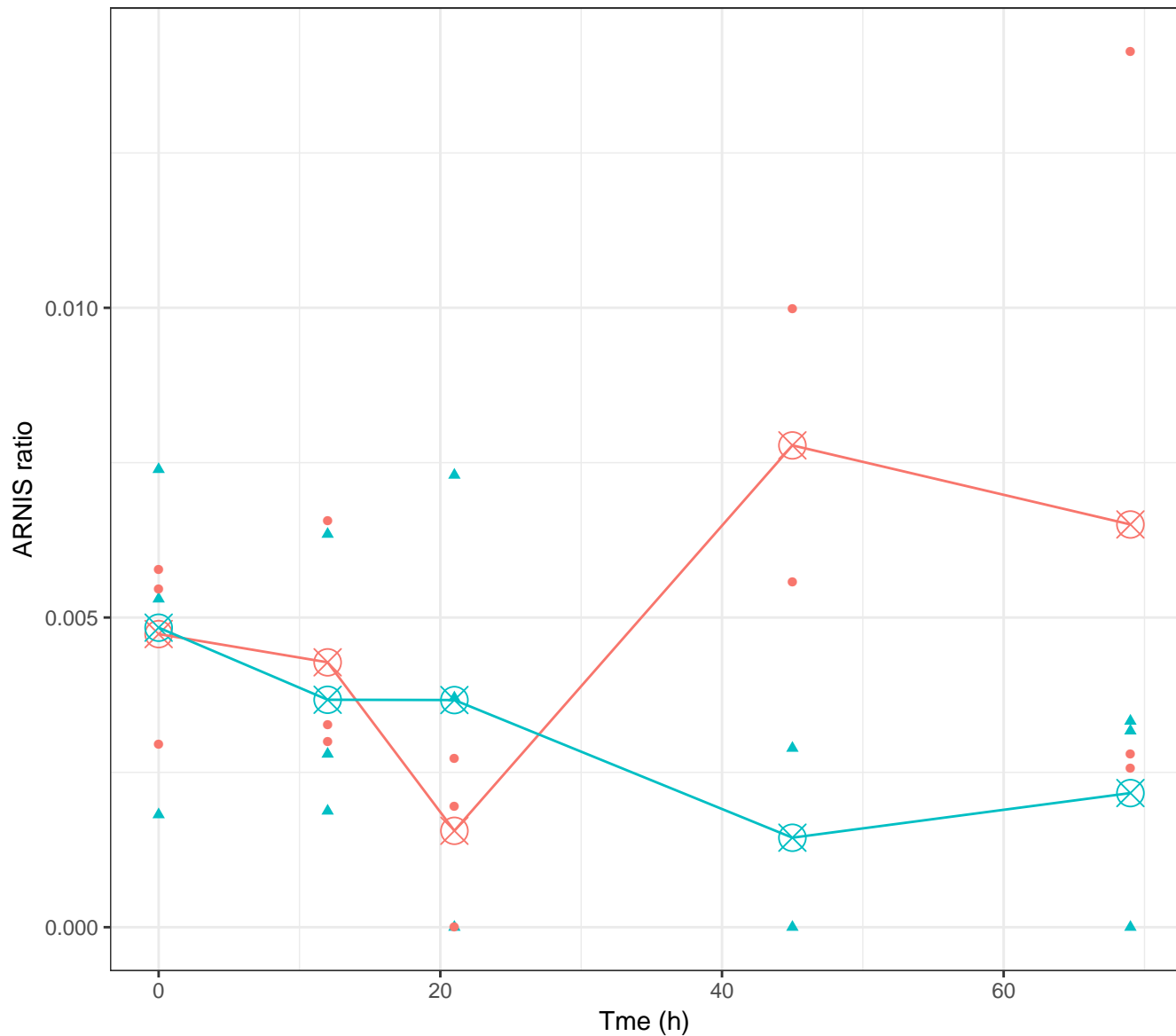
OTU.1673_Actinobacteria_clade_acl.C

Treatment Control Filtered-1micron



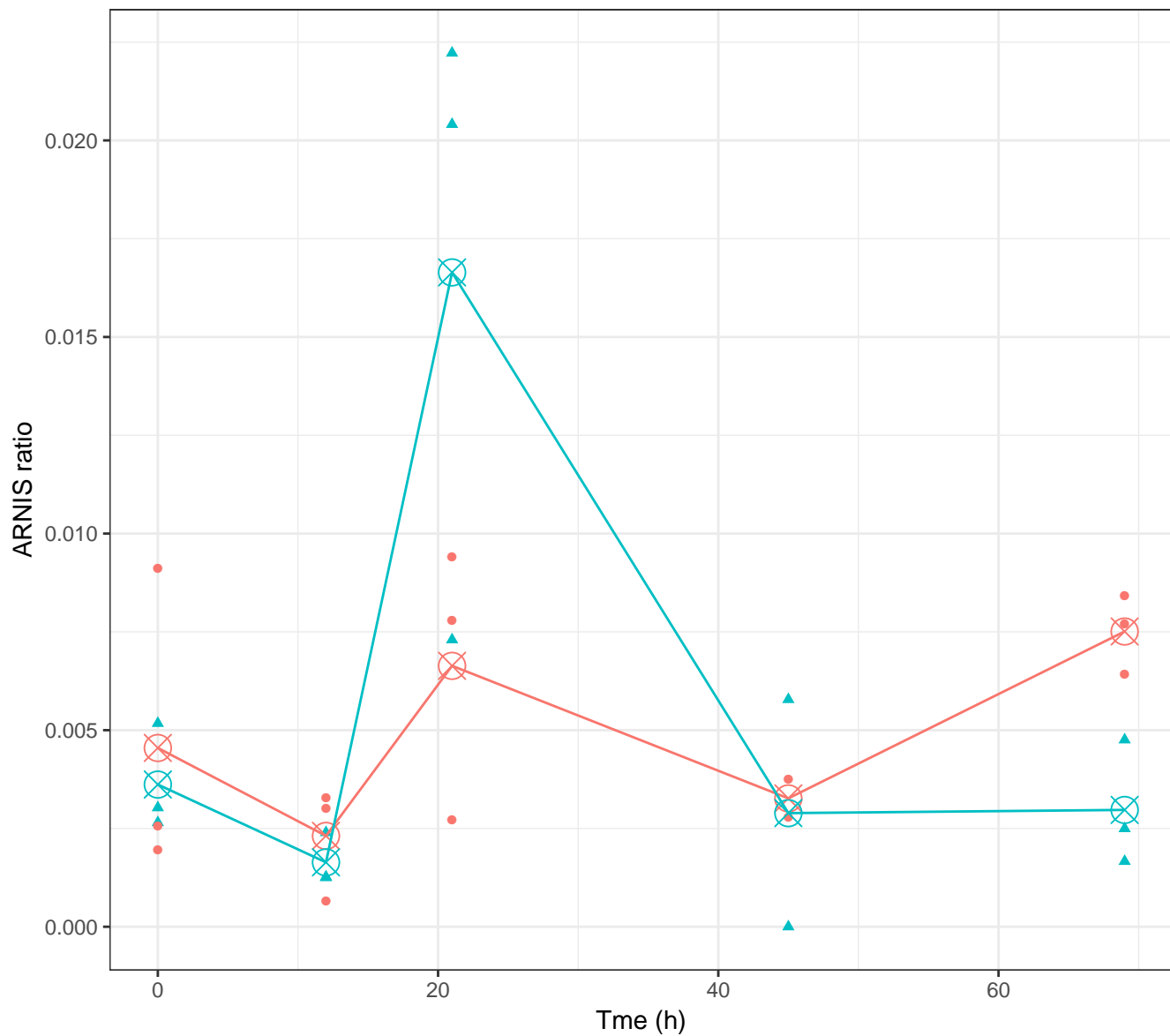
OTU.679_Deltaproteobacteria_Oligoflexales

Treatment ⊗ Control ⊗ Filtered-1micron



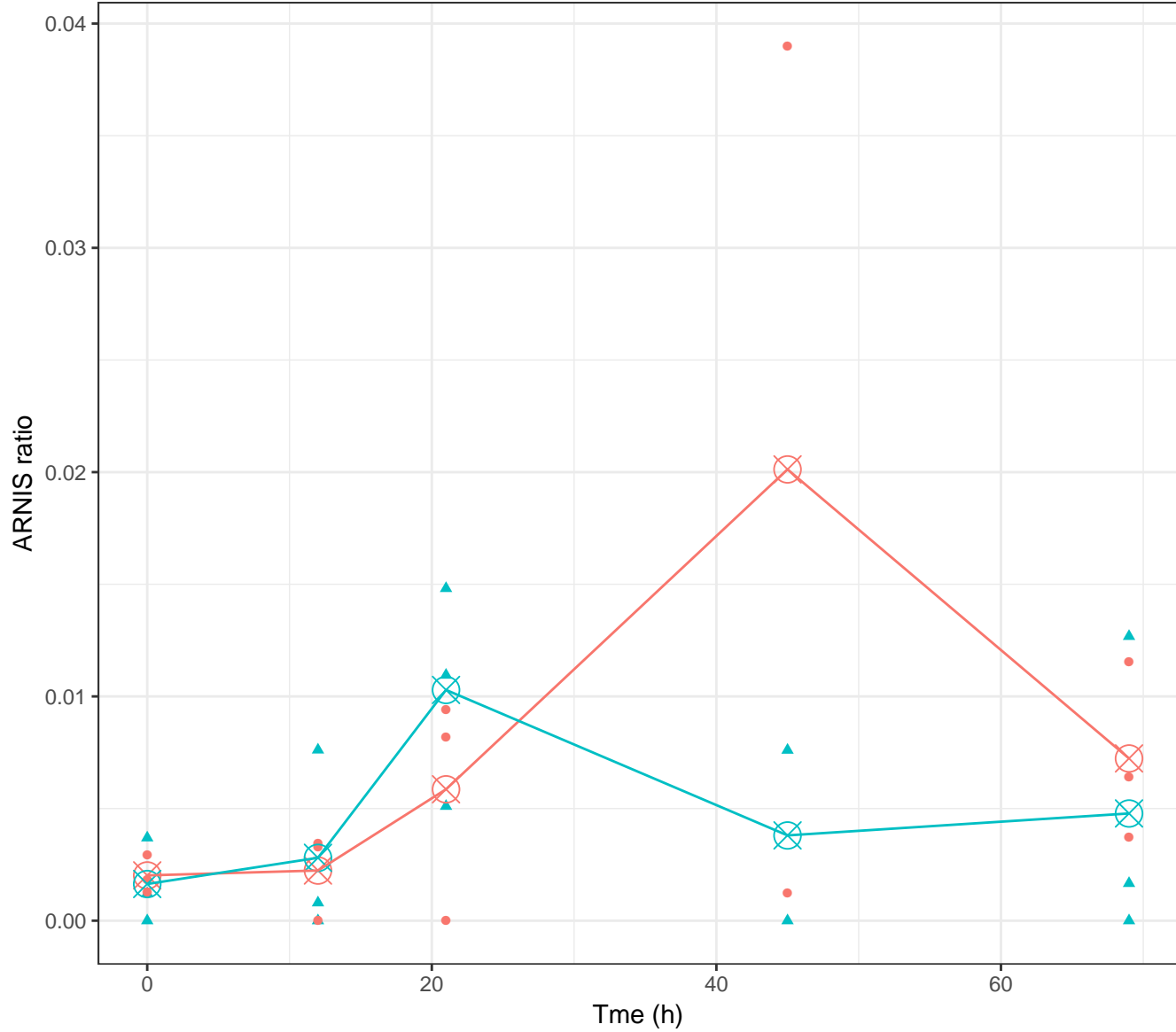
OTU.3432_Actinobacteria_Candidatus_Limnoluna

Treatment ⊗ Control ⊗ Filtered-1micron



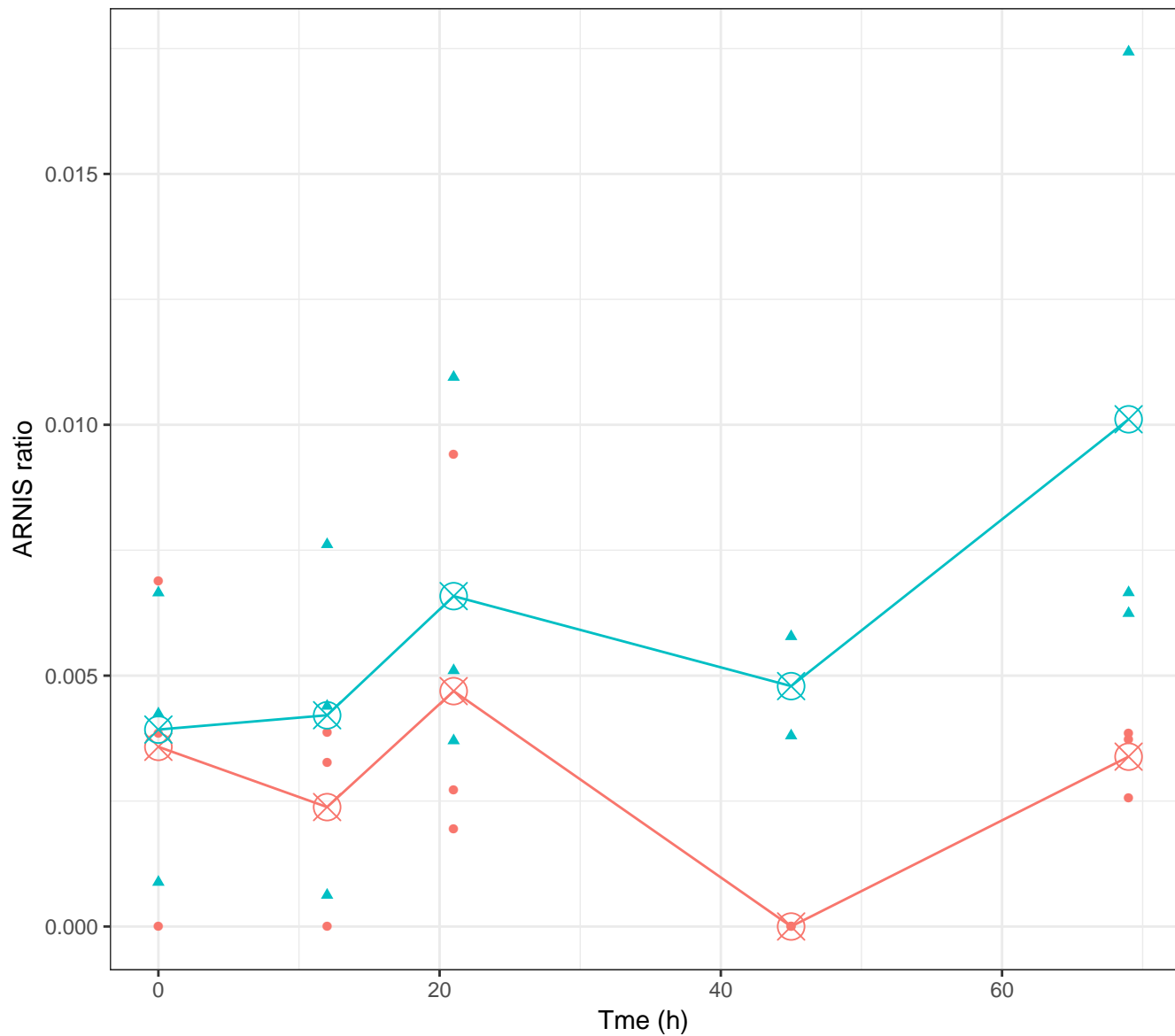
OTU.330_Bacteroidetes_Sphingobacteriales

Treatment Control Filtered-1micron



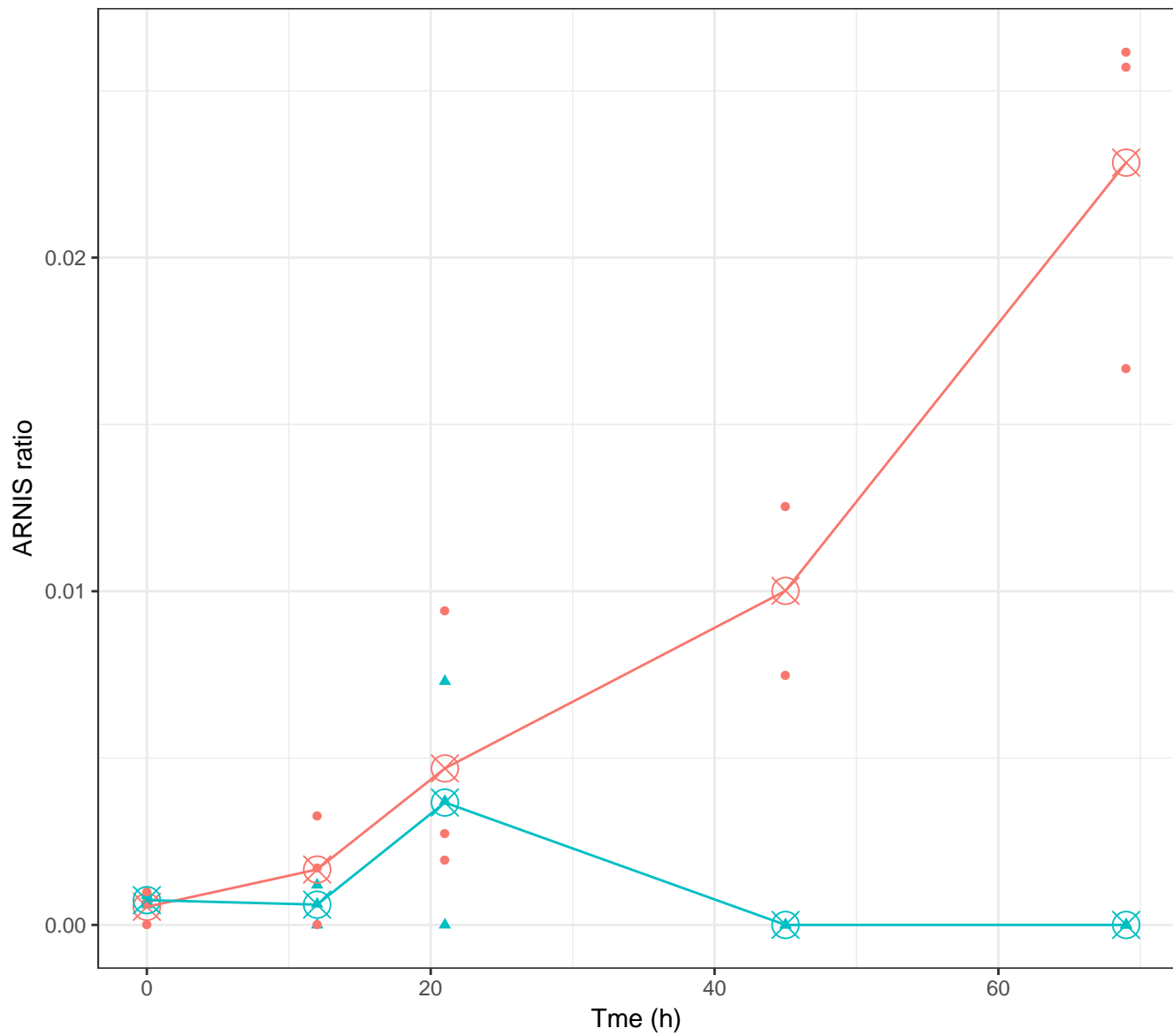
OTU.2898_Betaproteobacteria_Comamonadaceae

Treatment ⊗ Control ⊗ Filtered-1micron



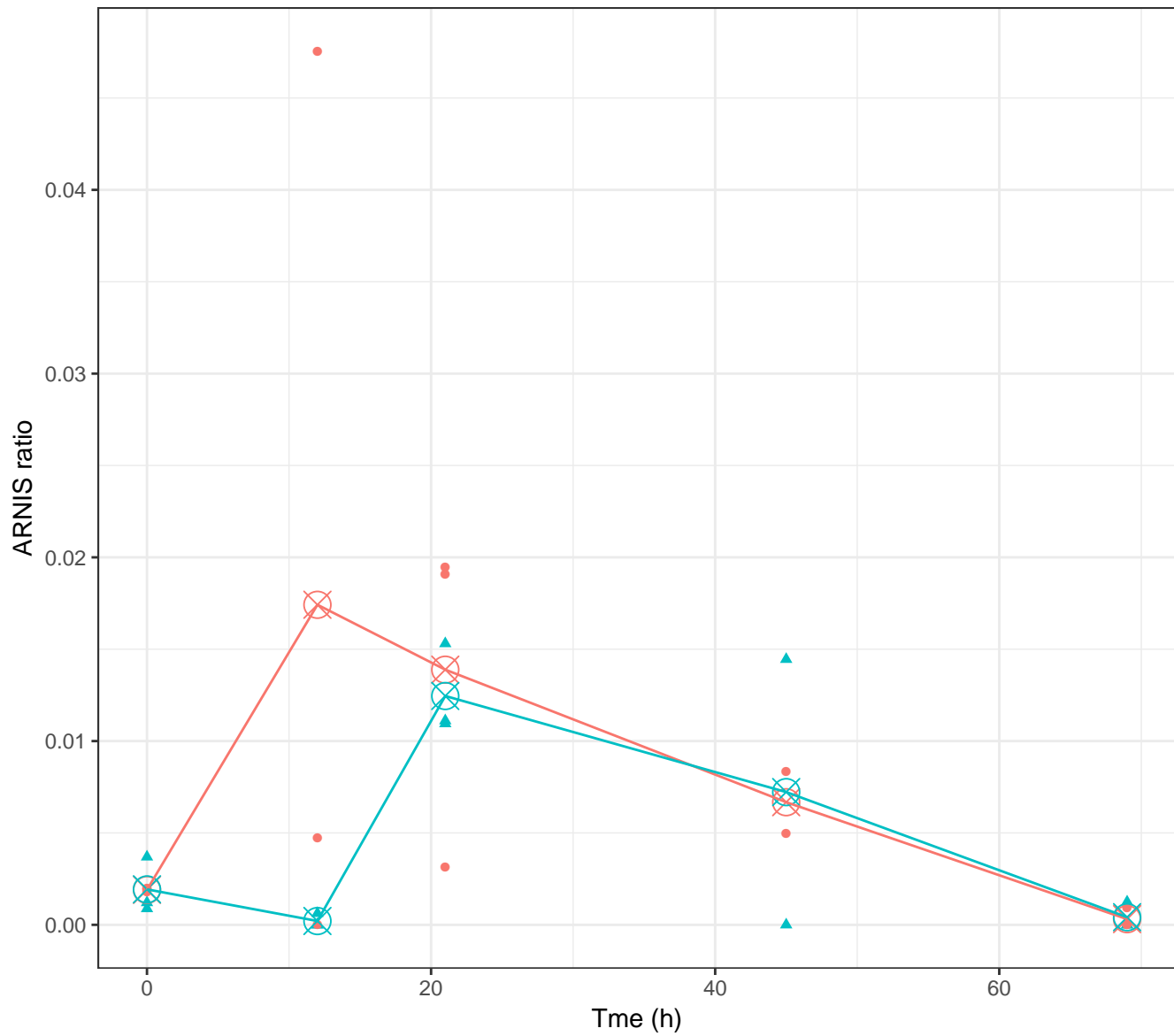
OTU.290_Deltaproteobacteria_Peridibacter

Treatment Control Filtered-1micron



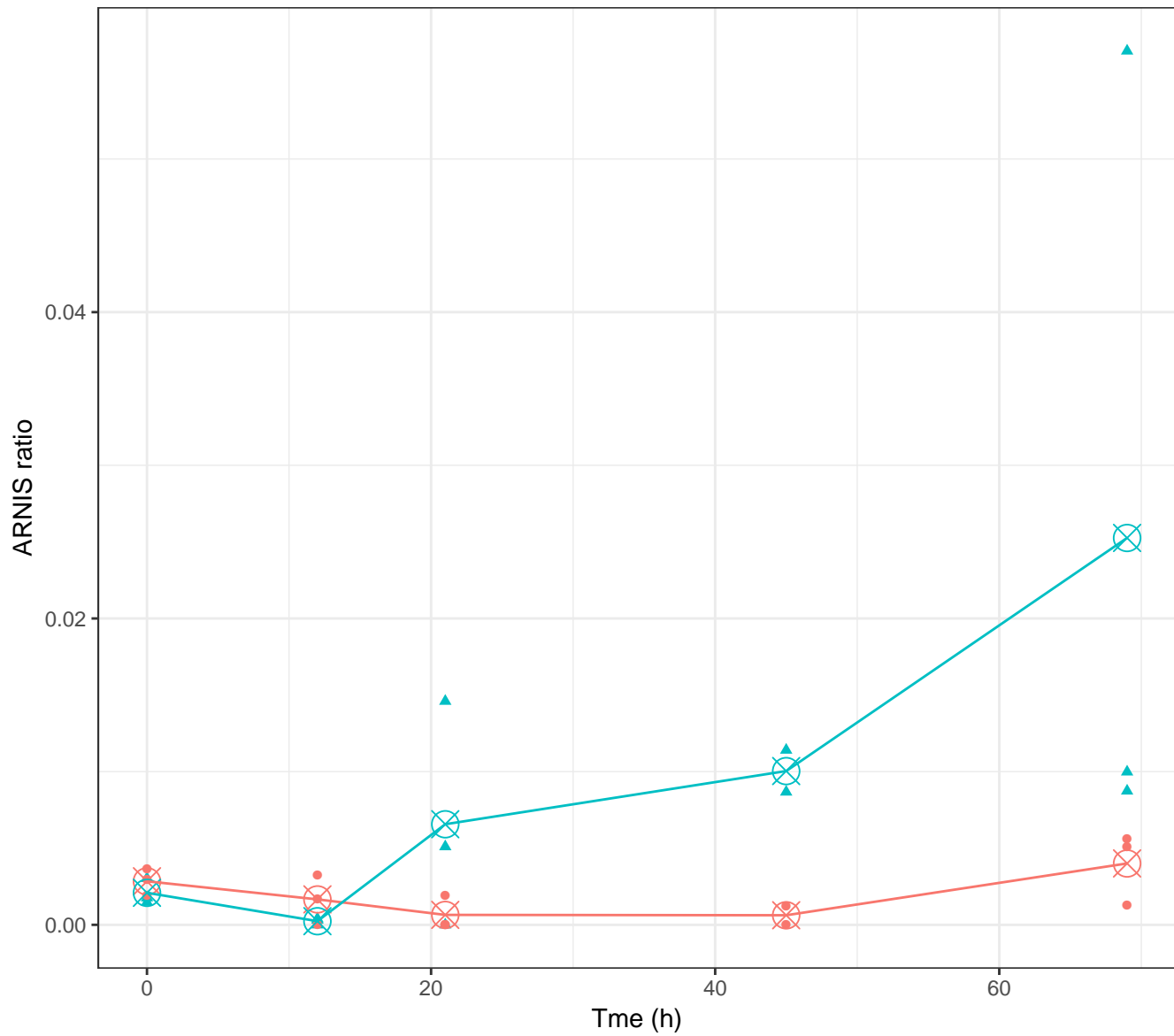
OTU.790_Gammaproteobacteria_Legionella

Treatment Control Filtered-1micron



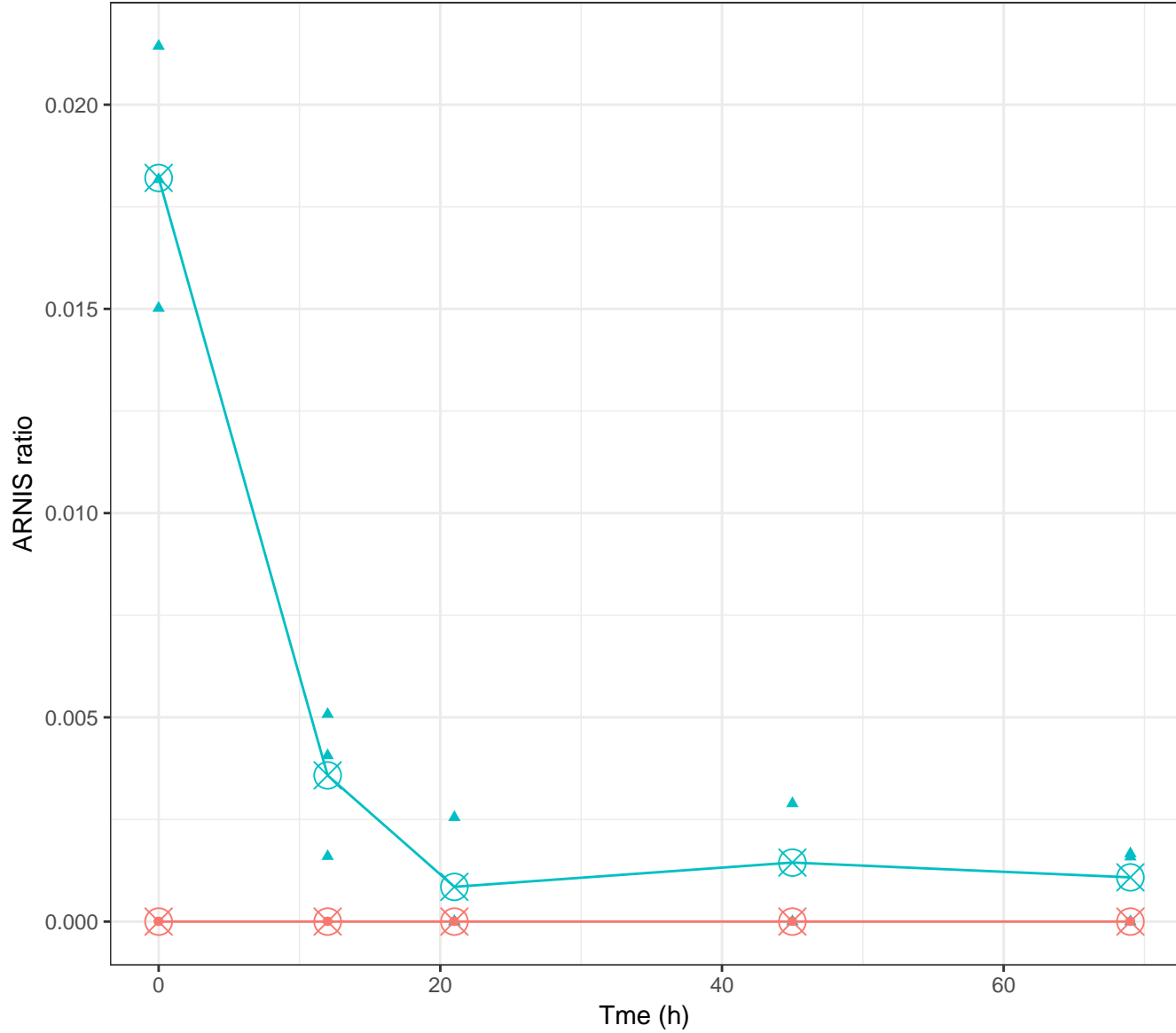
OTU.3058_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



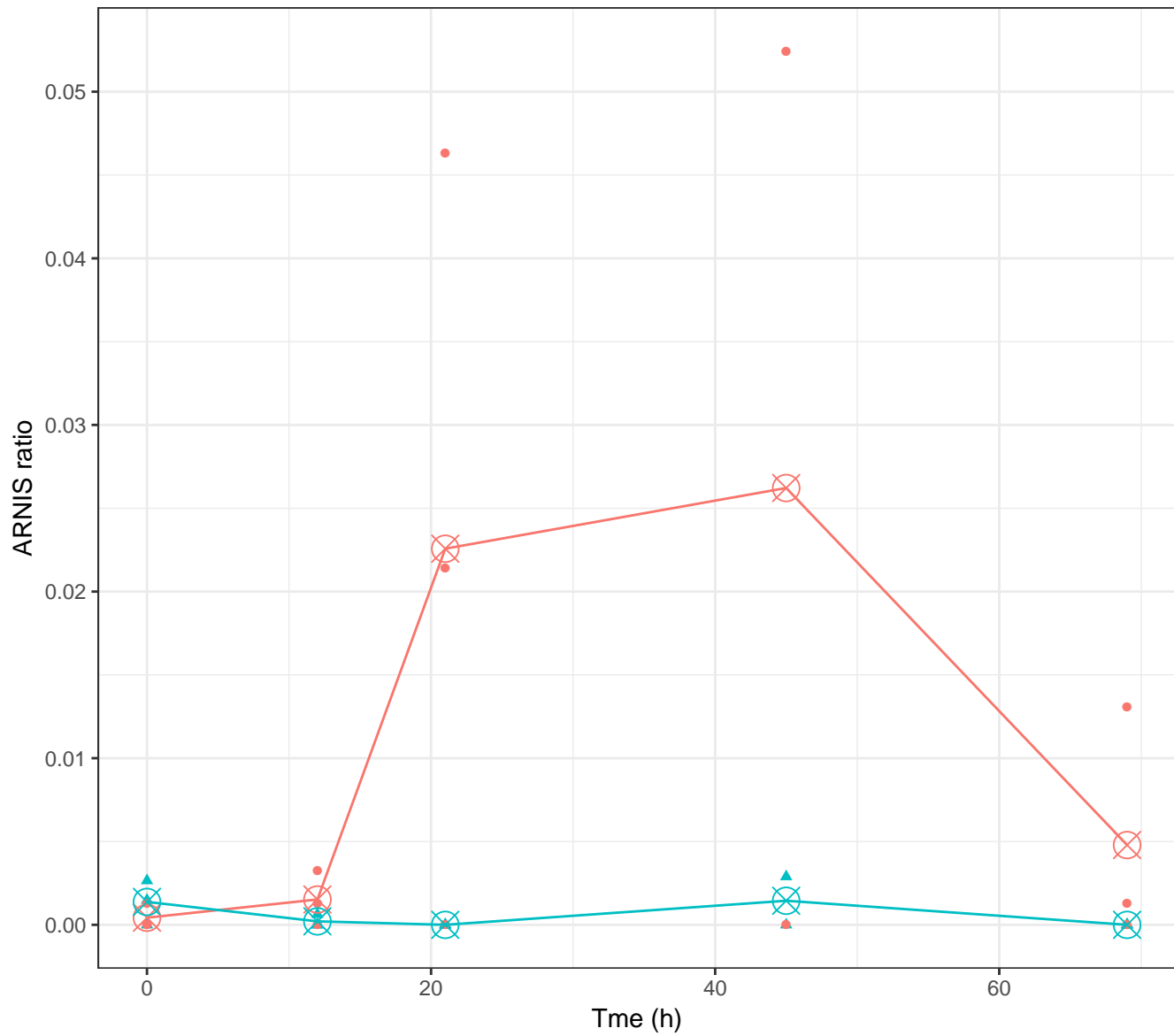
OTU.820_Betaproteobacteria_Duganella

Treatment Control Filtered-1micron



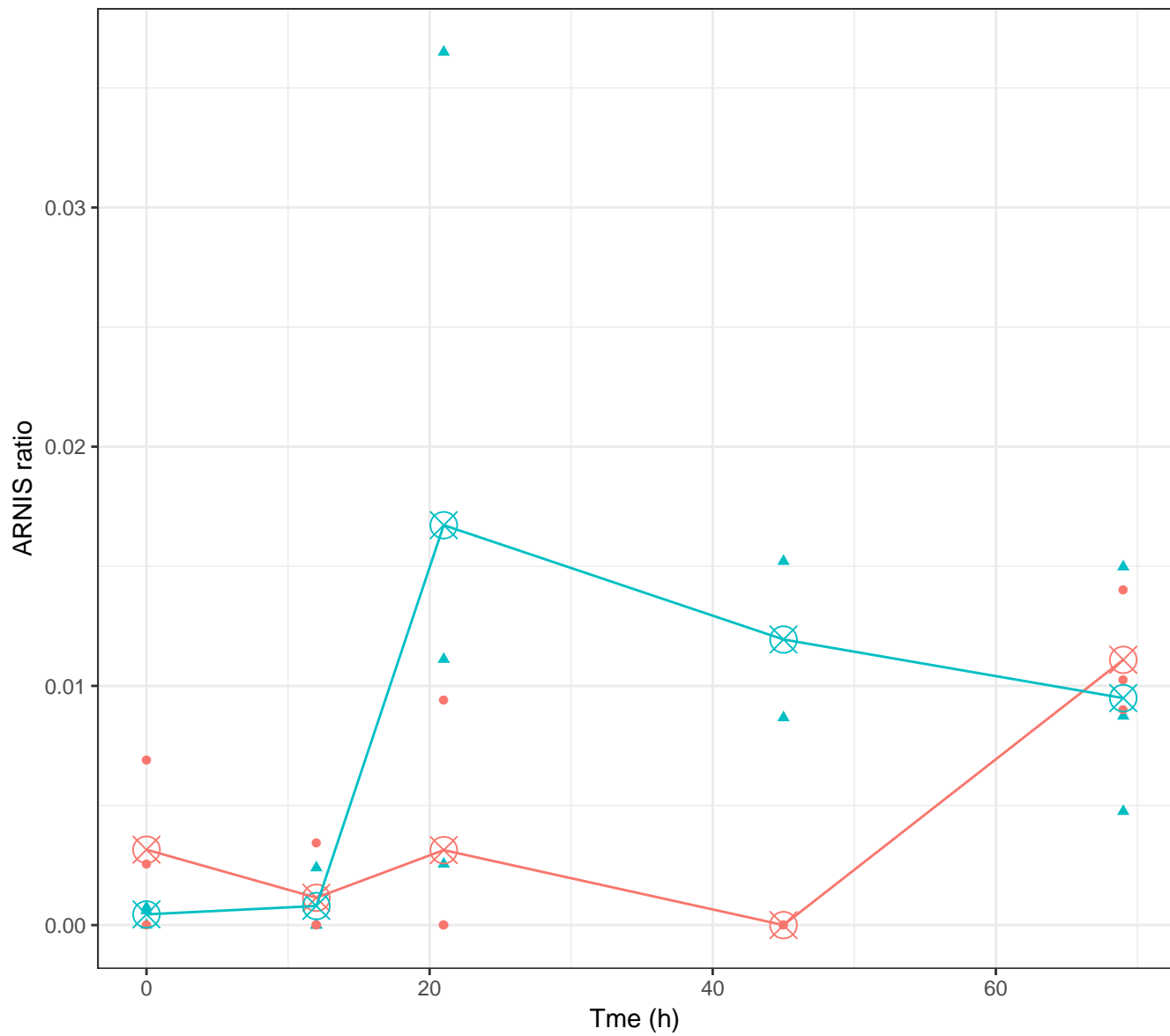
OTU.604_Bacteroidetes_Chryseobacterium

Treatment Control Filtered-1micron



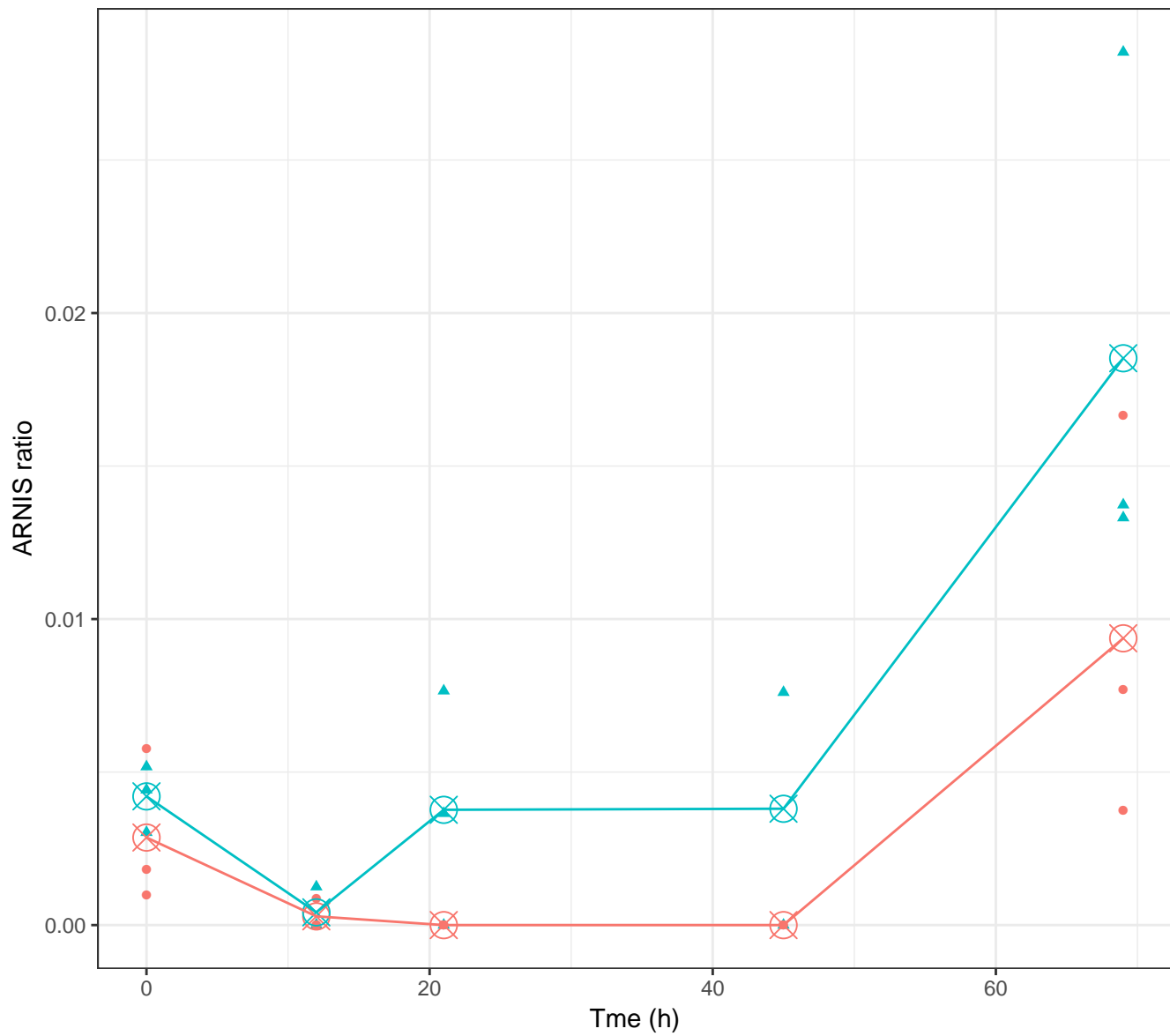
OTU.754_Verrucomicrobia_Luteolibacter

Treatment Control Filtered-1micron



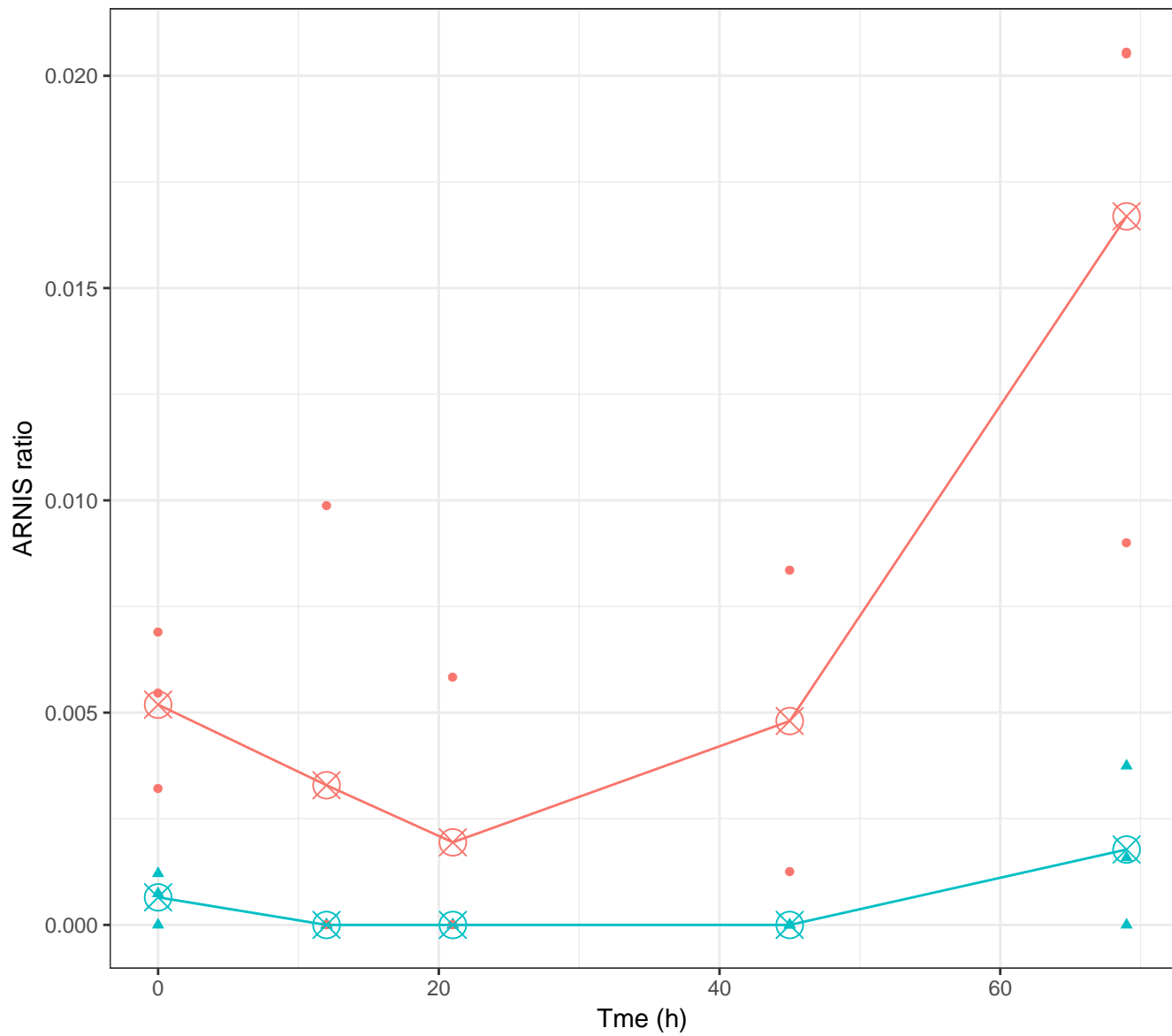


OTU.5380_Actinobacteria.clade_acl.B2.4



Treatment ⊗ Control ⊗ Filtered-1micron

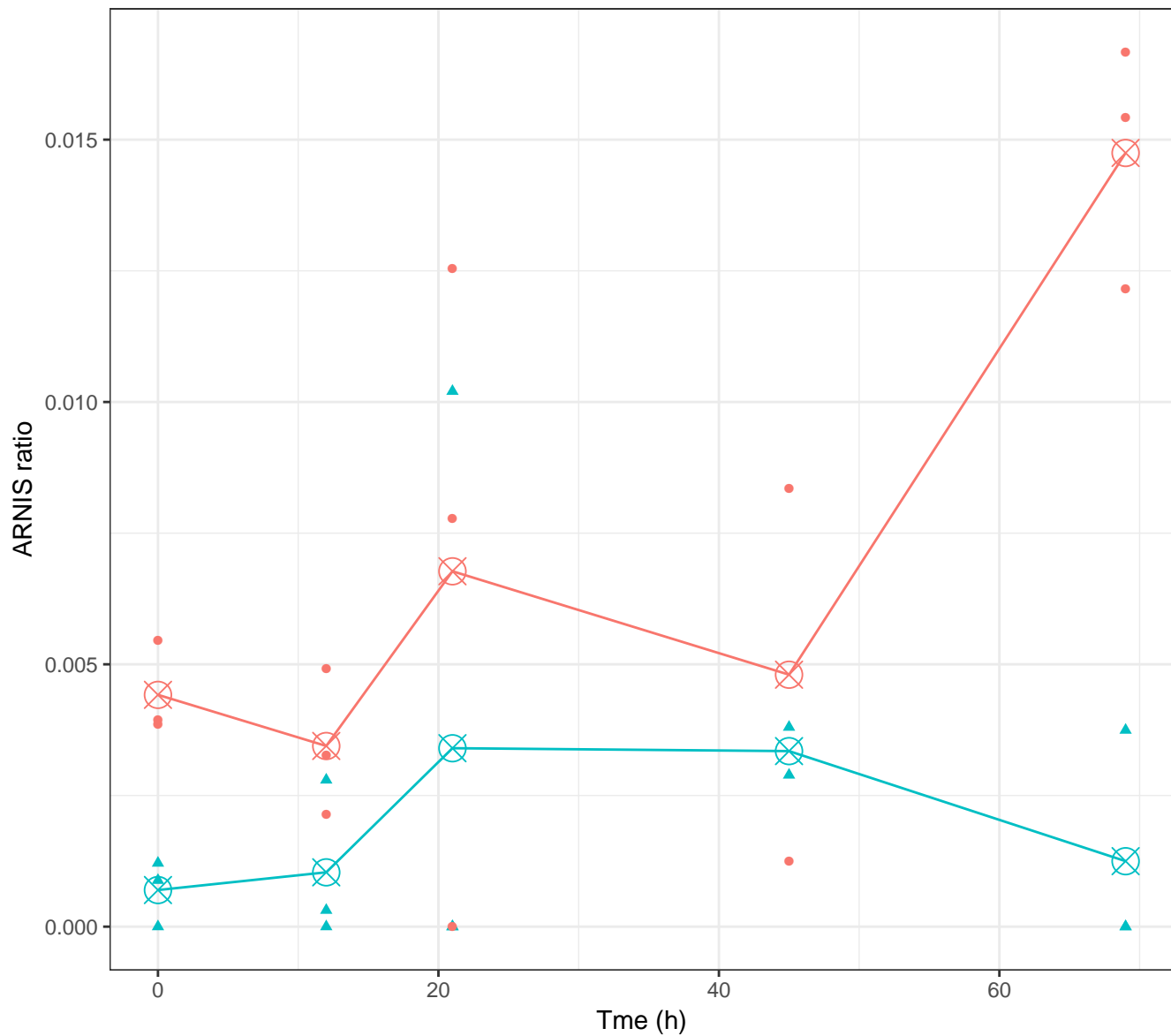


OTU.653_Planctomyces_CL500.3

Treatment  Control  Filtered-1micron

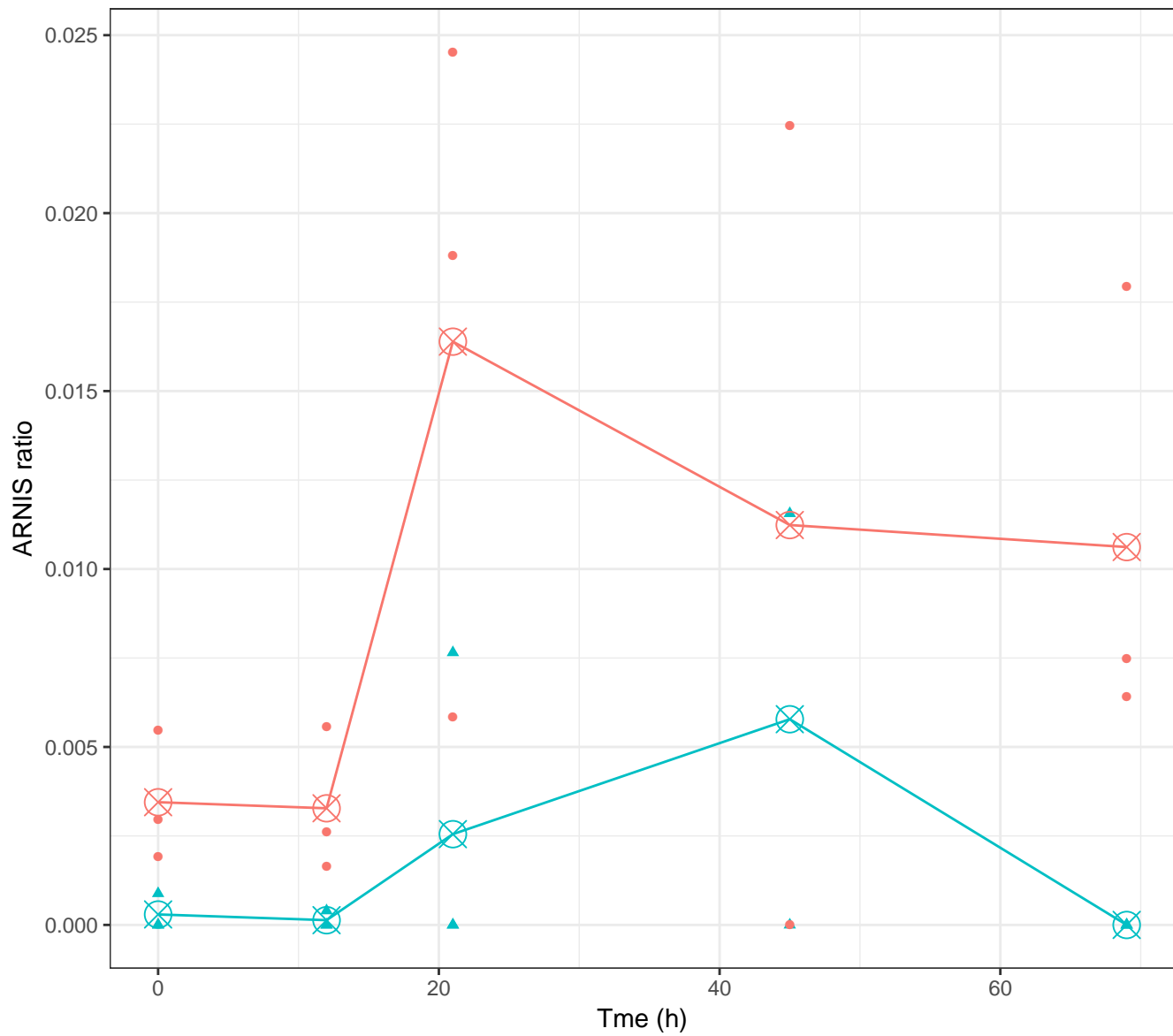
OTU.3286_Verrucomicrobia_Prostheco bacter

Treatment  Control  Filtered-1micron





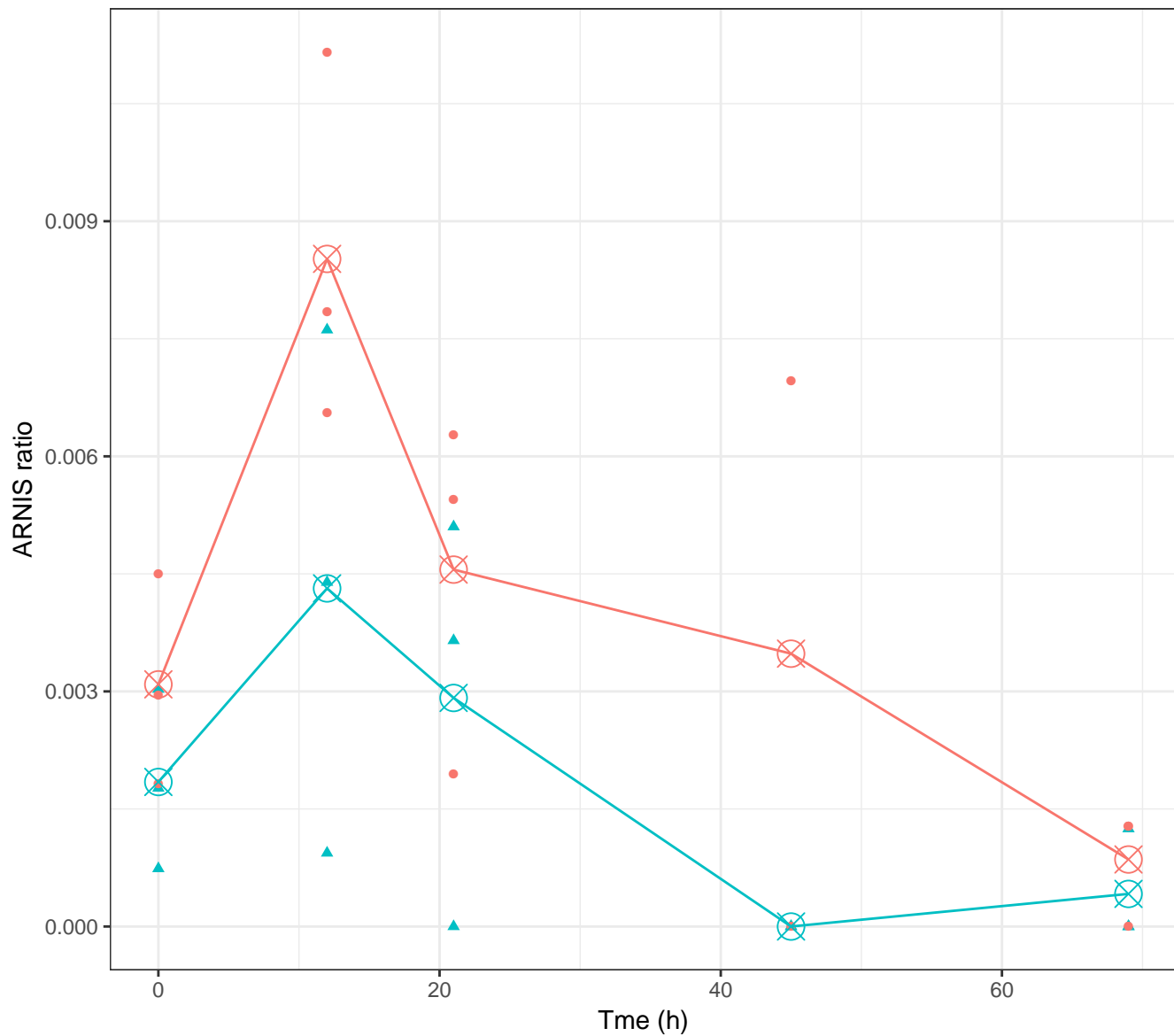
OTU.726_Bacteroidetes_Sphingobacteriaceae

Treatment ⊗ Control ⊗ Filtered-1micron



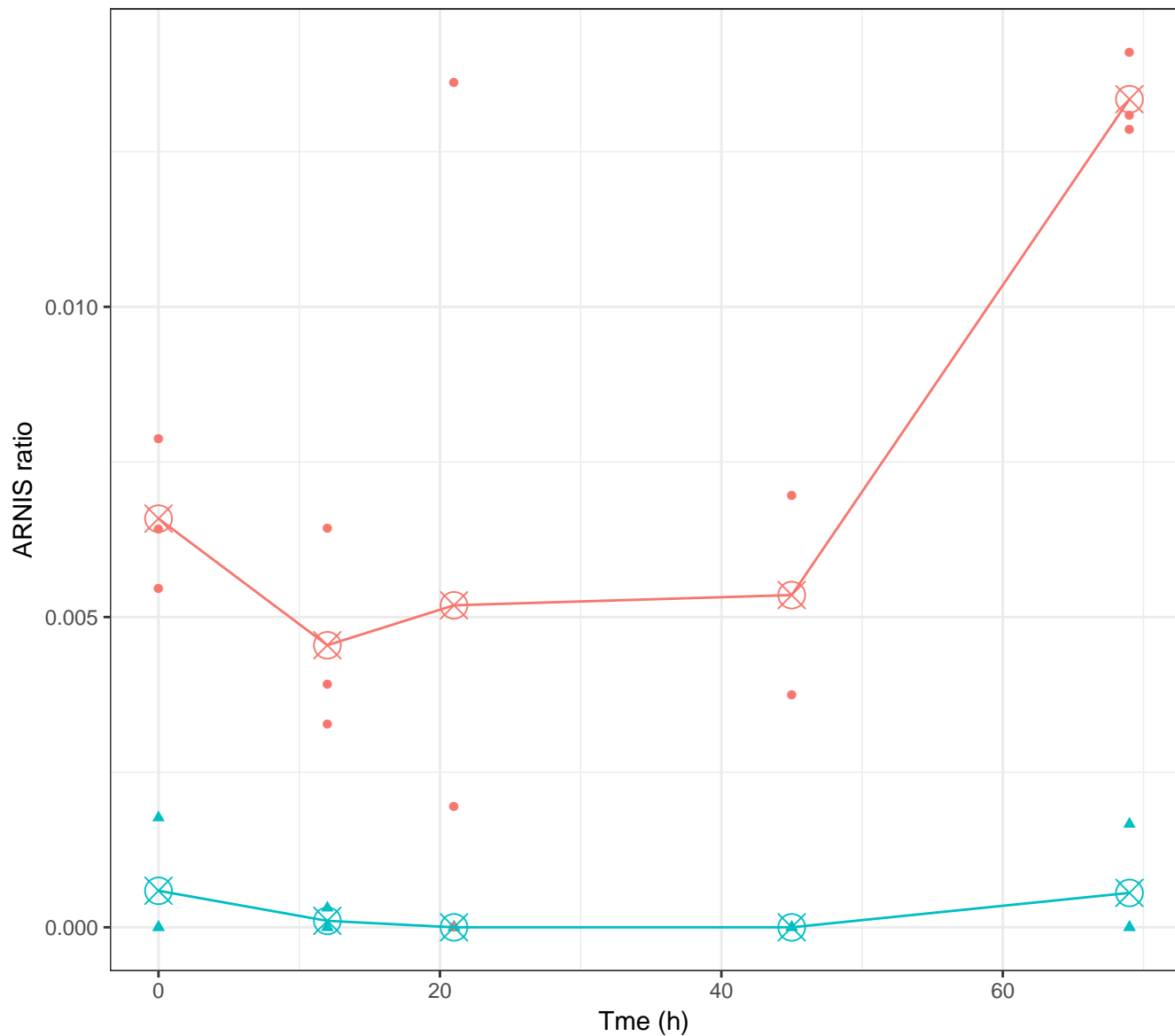
OTU.98_Actinobacteria_Mycobacterium

Treatment  Control  Filtered-1micron



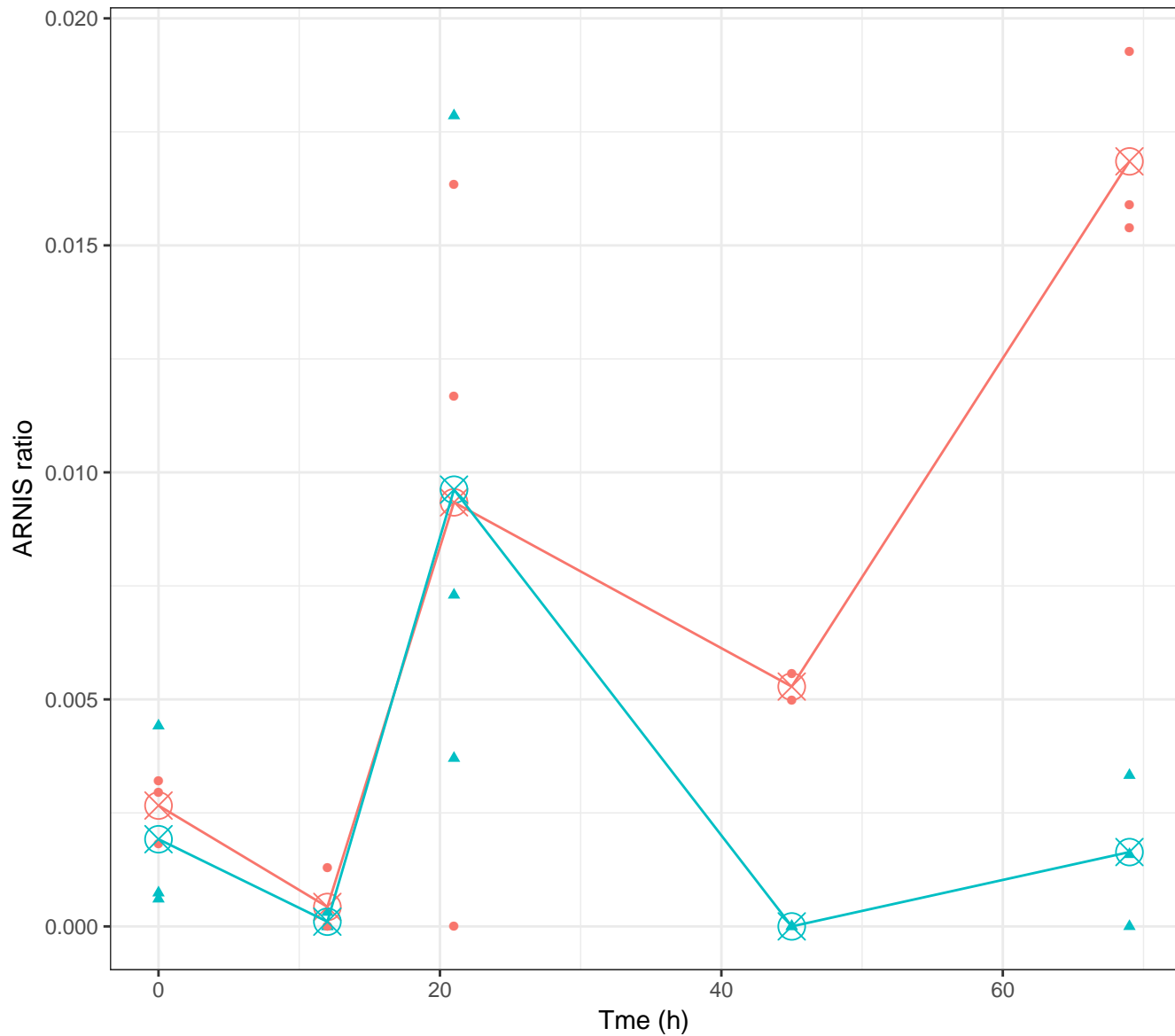
OTU.848_Bacteroidetes_Cytophagaceae

Treatment ⊗ Control ⊗ Filtered-1micron



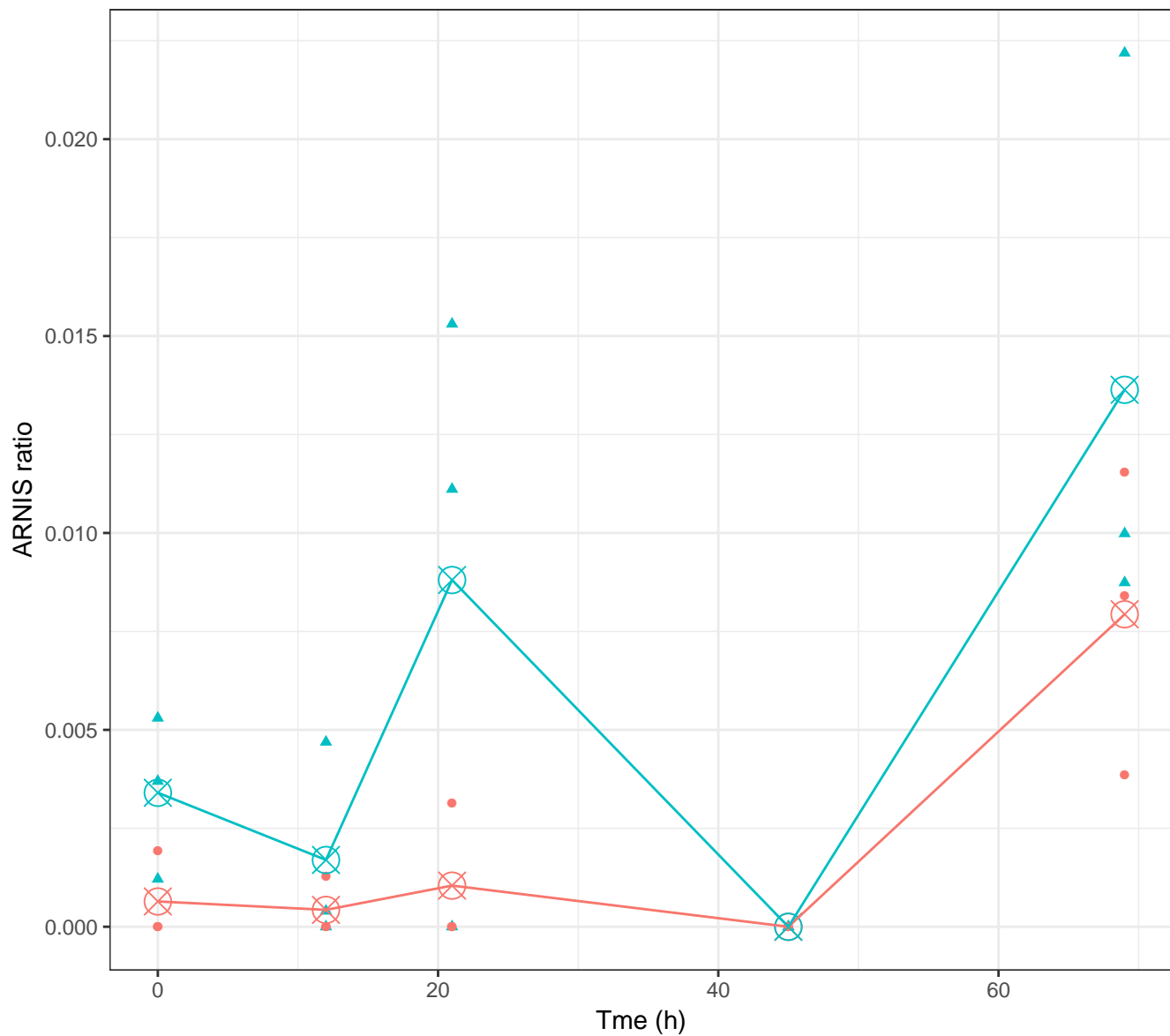
OTU.739_Deltaproteobacteria_Peridibacter

Treatment ⊗ Control ⊗ Filtered-1micron



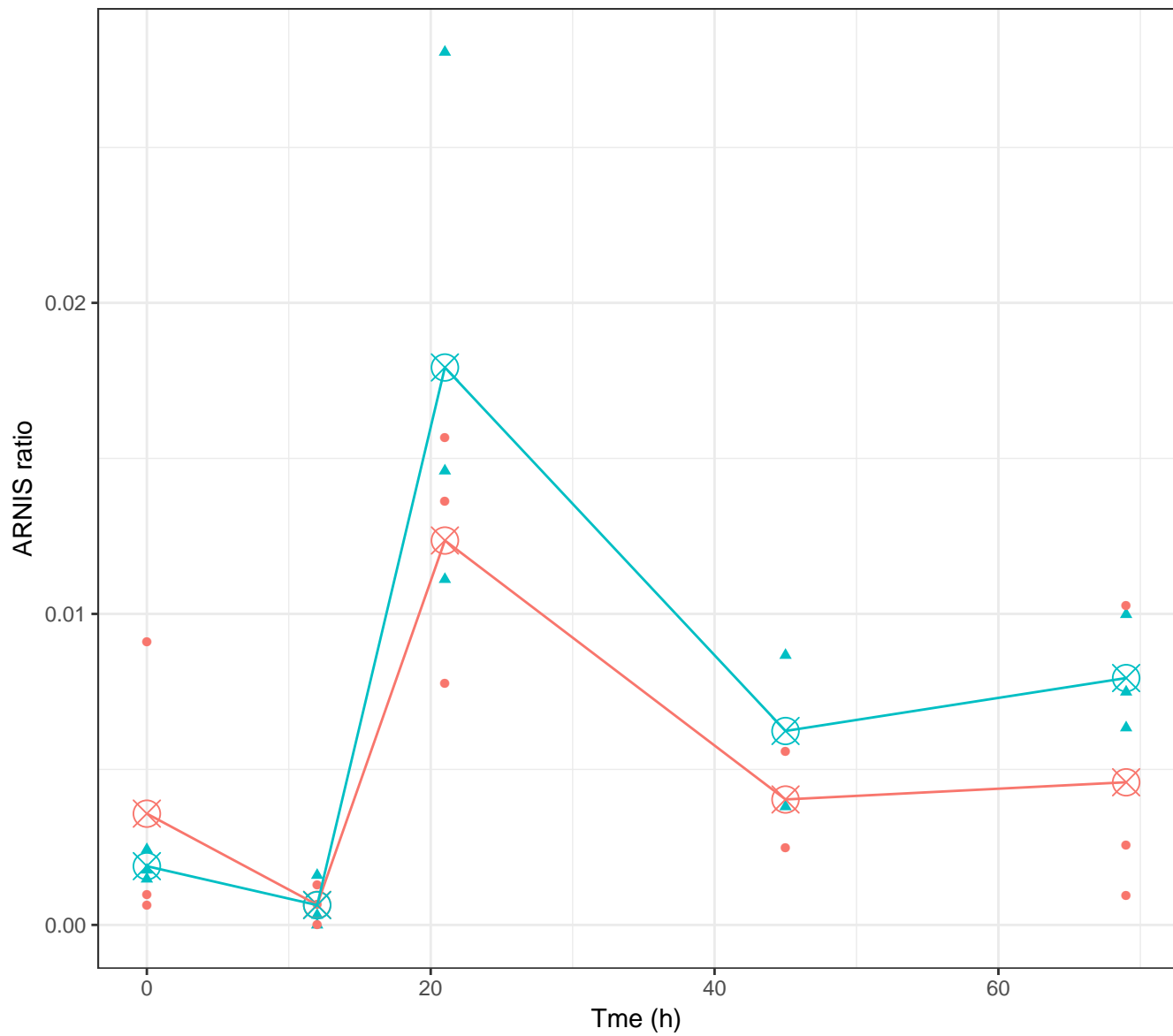
OTU.539_Actinobacteria.clade_acl.B2.4

Treatment ⊗ Control ⊗ Filtered-1micron



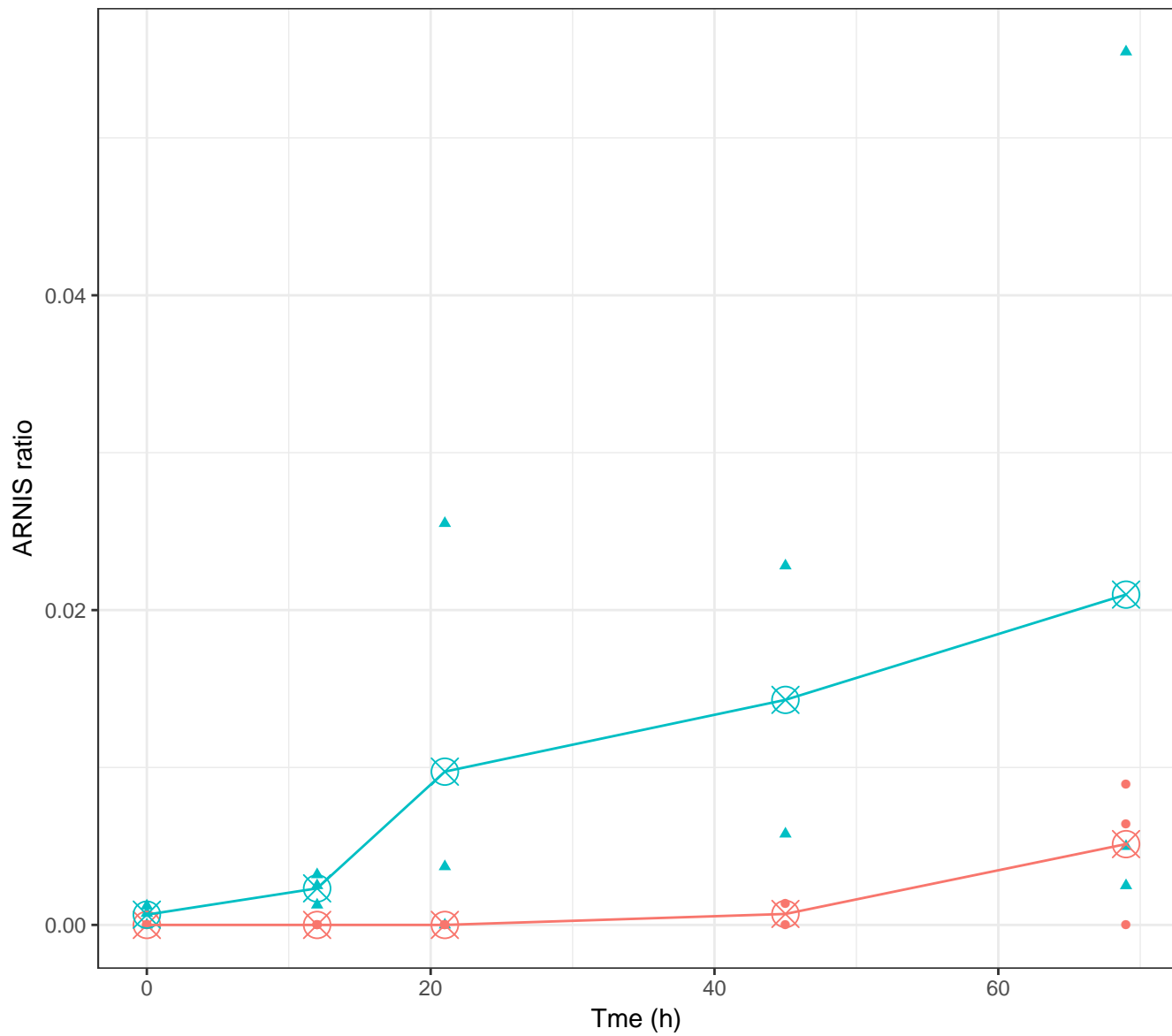


OTU.730_Bacteroidetes_Chitinophagaceae

Treatment ⊗ Control ⊗ Filtered-1micron

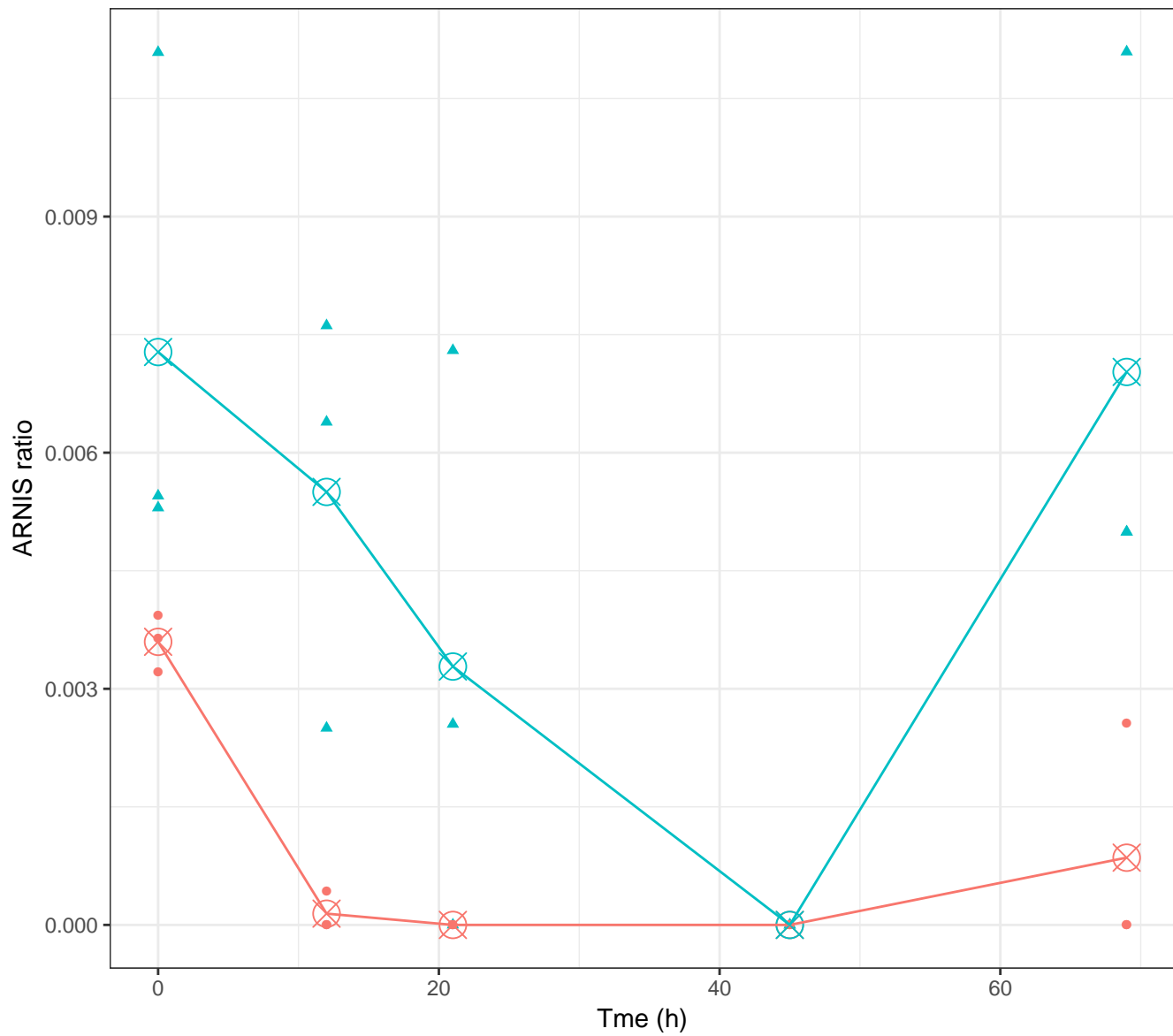


OTU.816_Gammaproteobacteria_Rheinheimera



Treatment  Control  Filtered-1micron

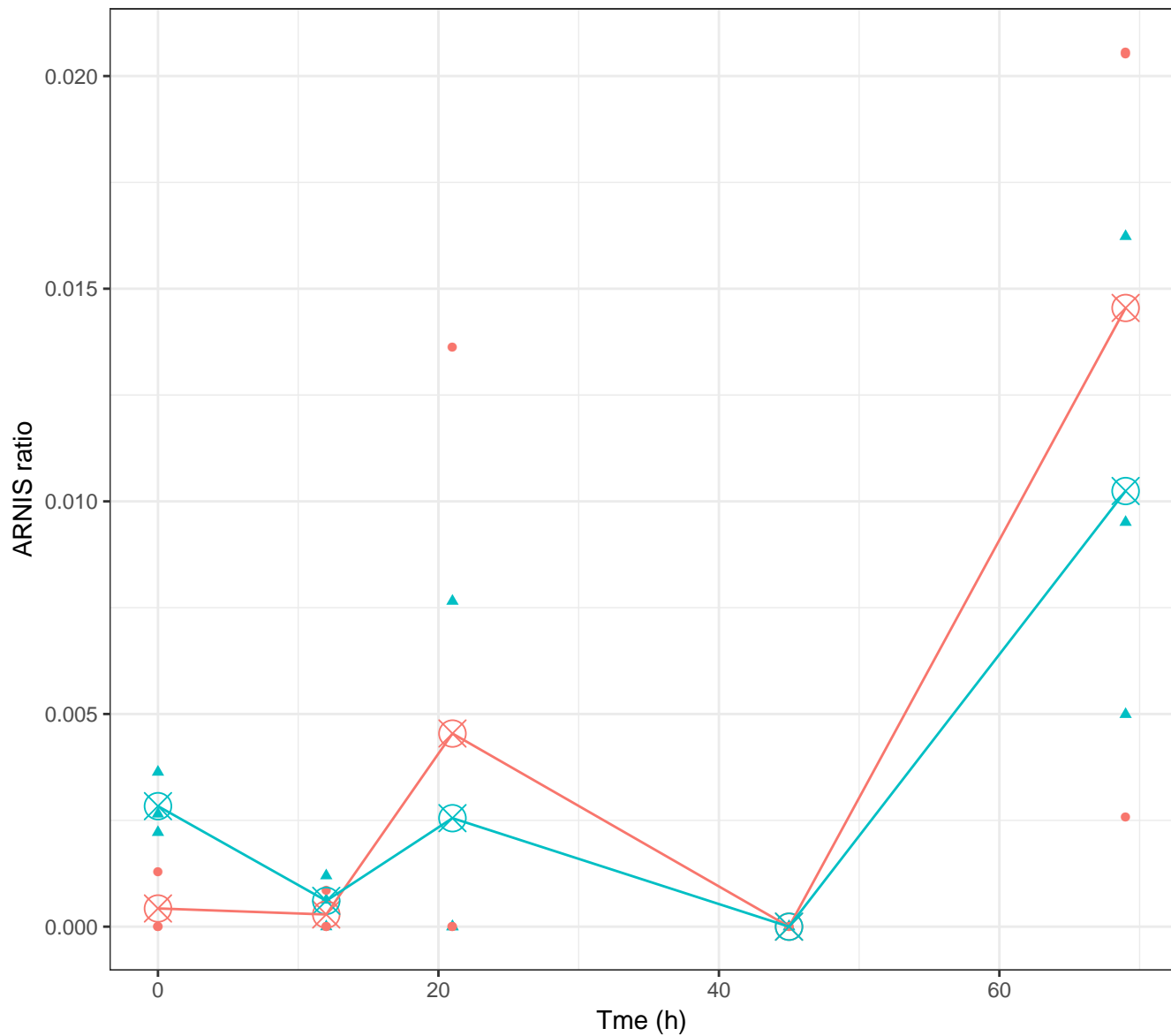
OTU.5185_Verrucomicrobia_Opitutae

Treatment ⊗ Control ⊗ Filtered-1micron



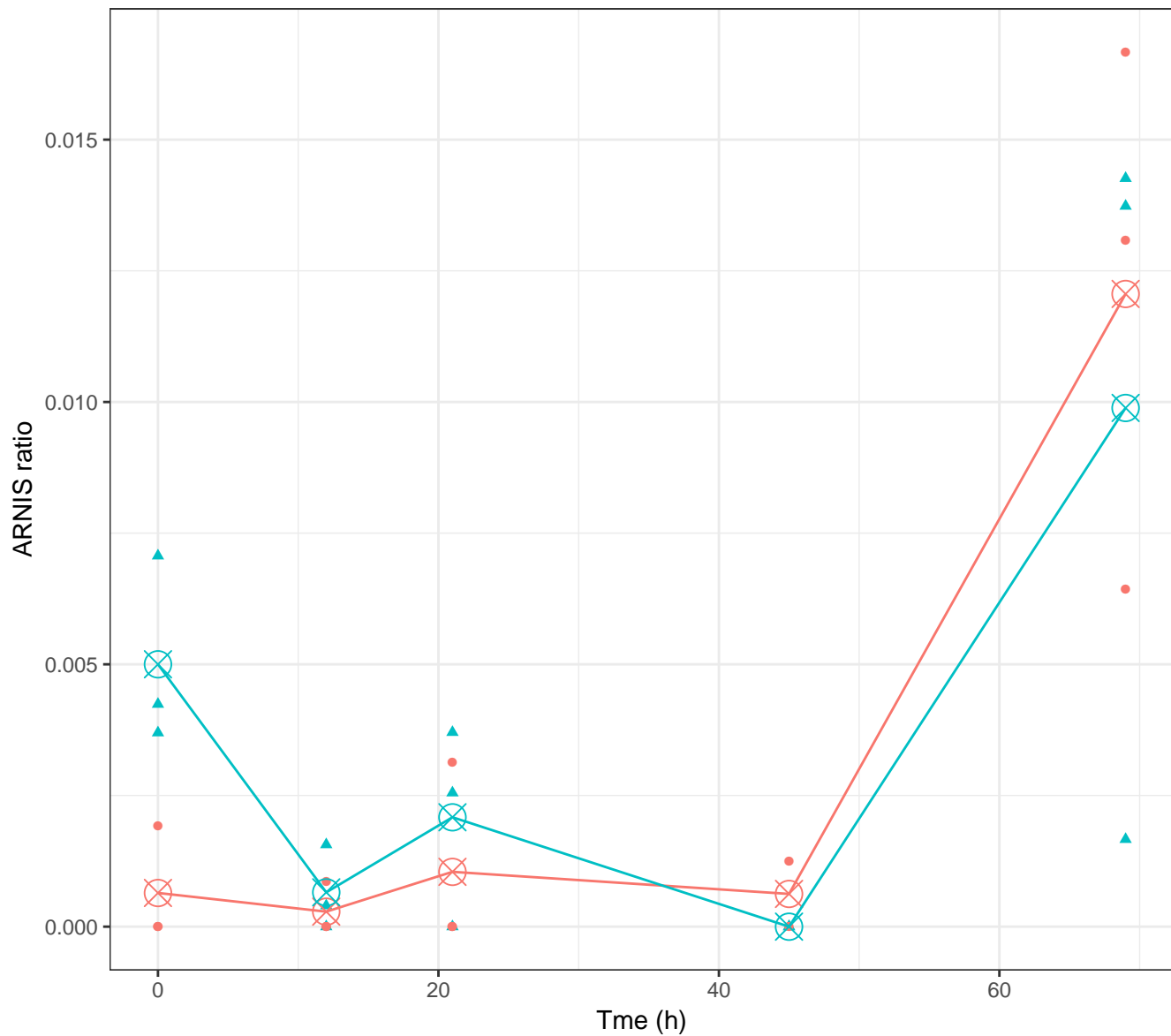
OTU.289_Actinobacteria_Microbacteriaceae

Treatment  Control  Filtered-1micron



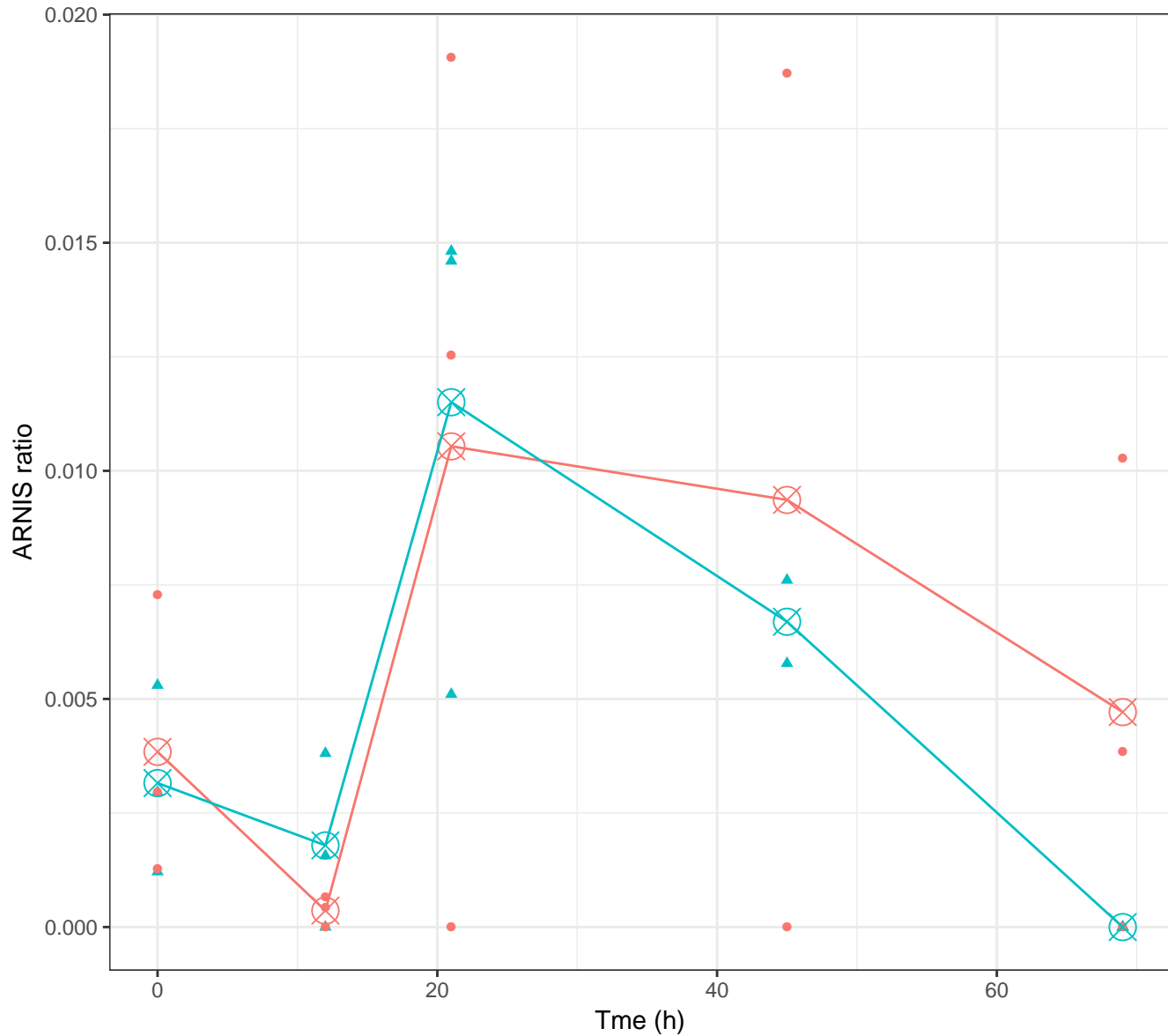
OTU.309_Actinobacteria_Candidatus_Limnoluna

Treatment ⊗ Control ⊗ Filtered-1micron



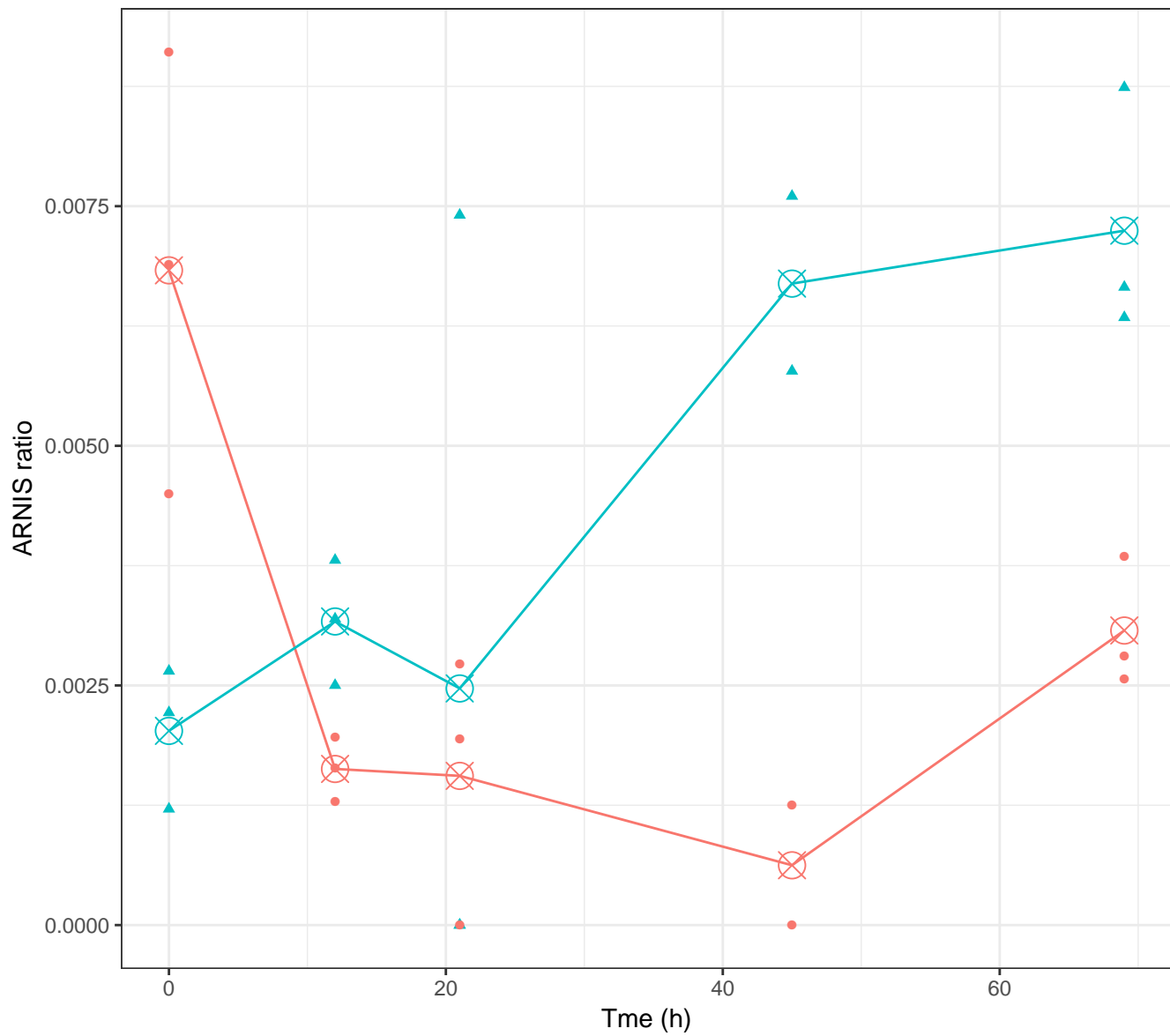
OTU.749_Alphaproteobacteria_Candidatus_Hepaticola

Treatment ⊗ Control ⊗ Filtered-1micron



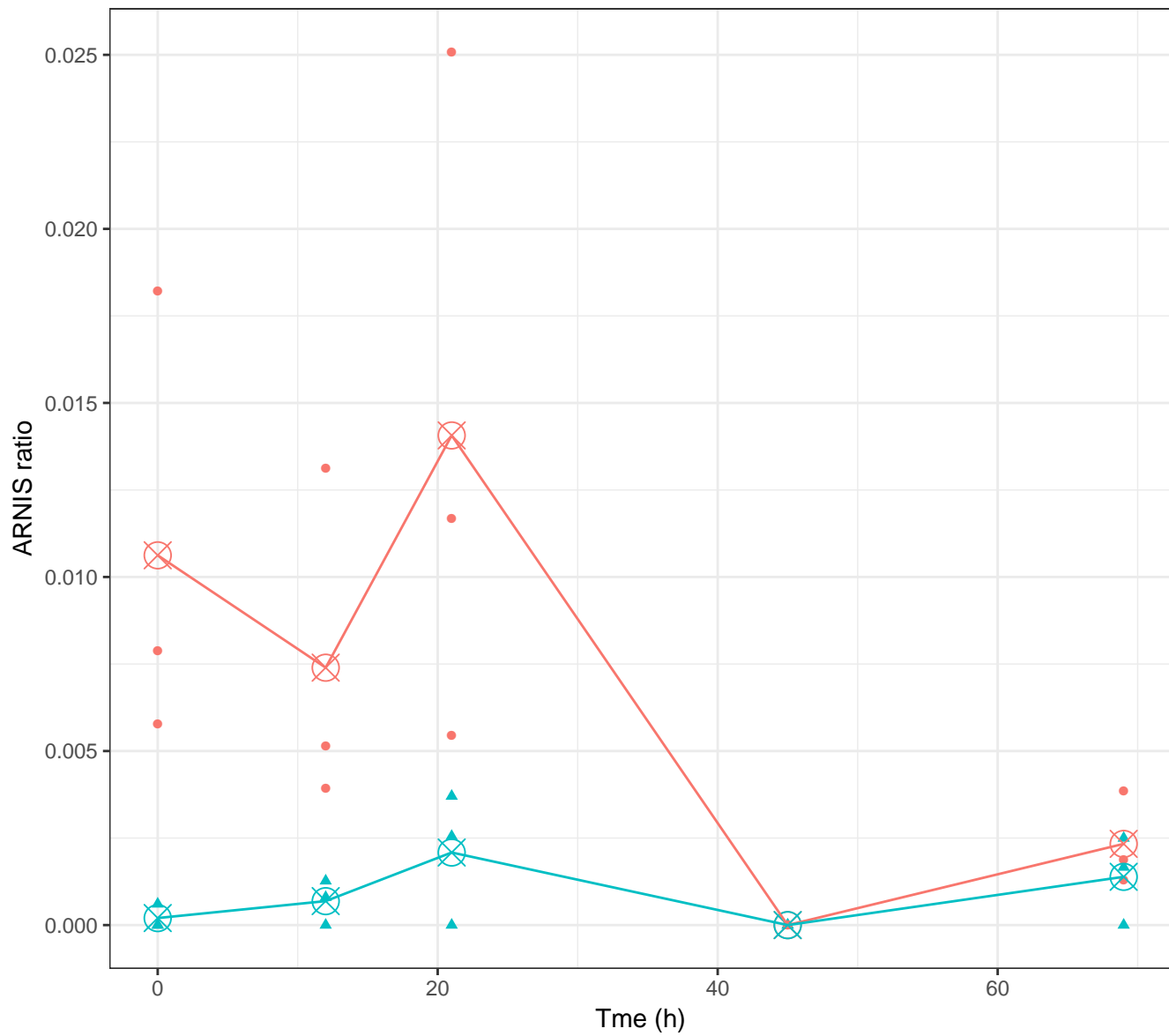
OTU.765_Chlorobi_OPB56

Treatment ⊗ Control ⊗ Filtered-1micron



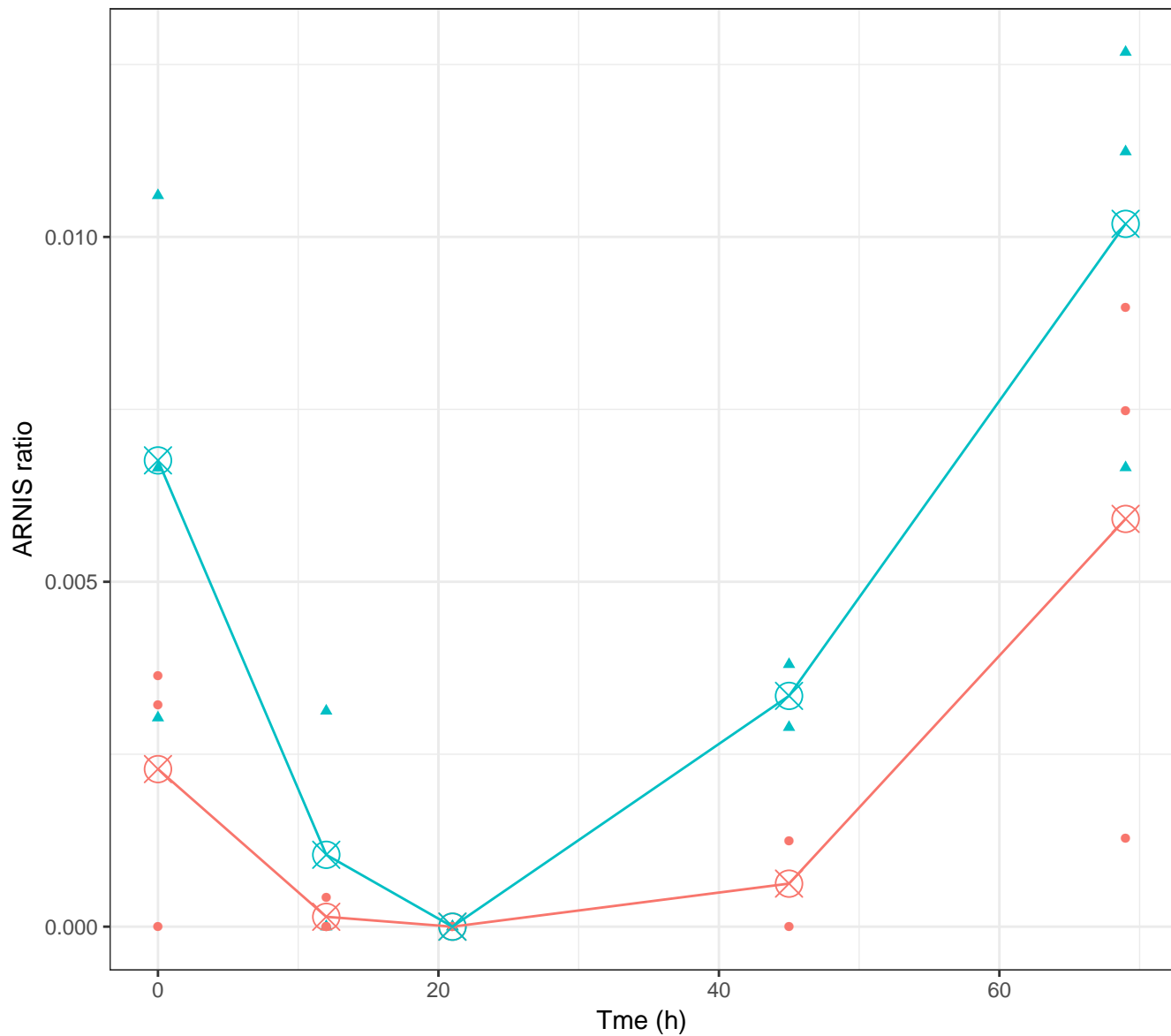
OTU.71_Proteobacteria_Rhodoblastus

Treatment Control Filtered-1micron



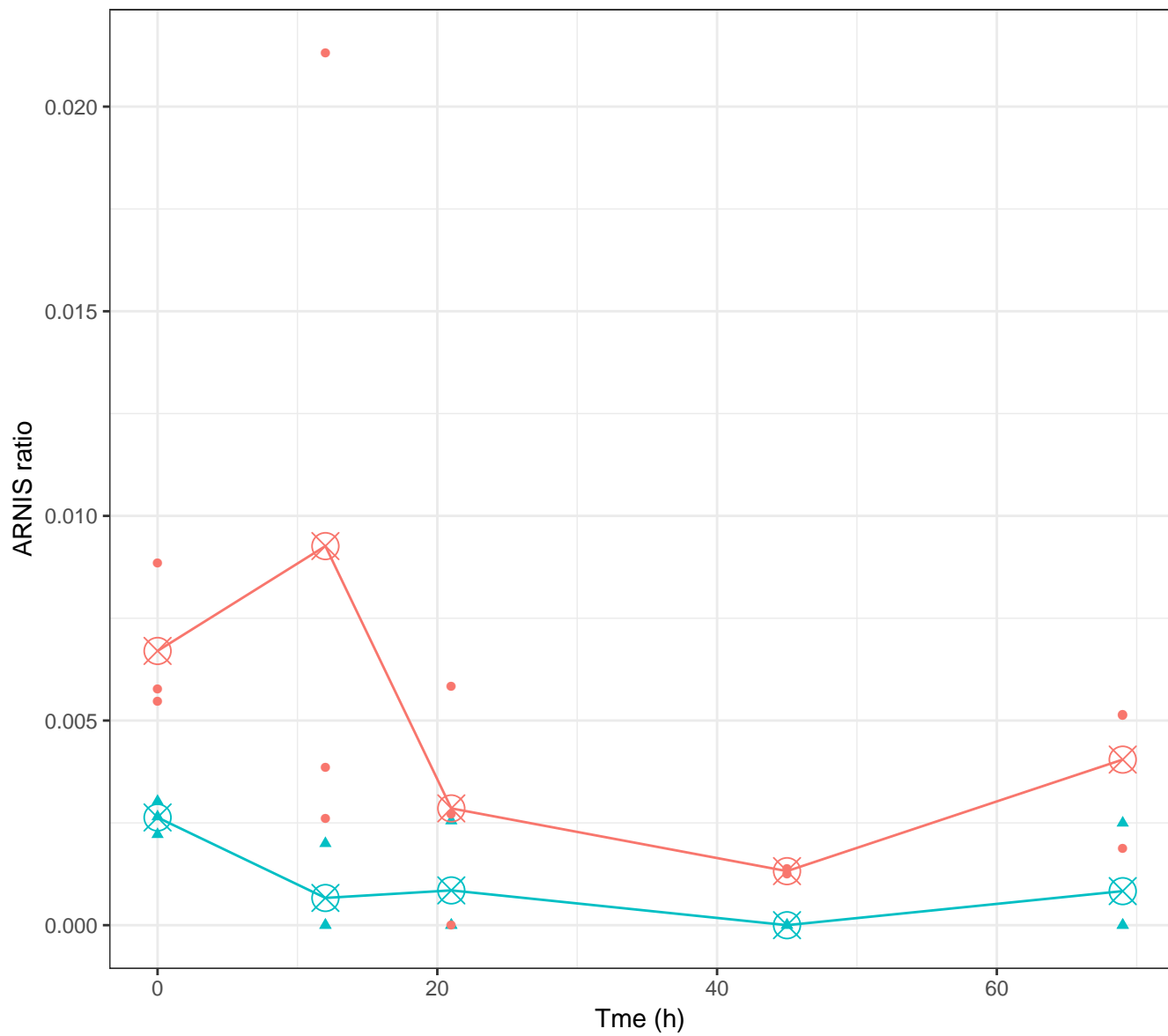


OTU.2215_Actinobacteria_Microbacteriaceae

Treatment ⊗ Control ⊗ Filtered-1micron

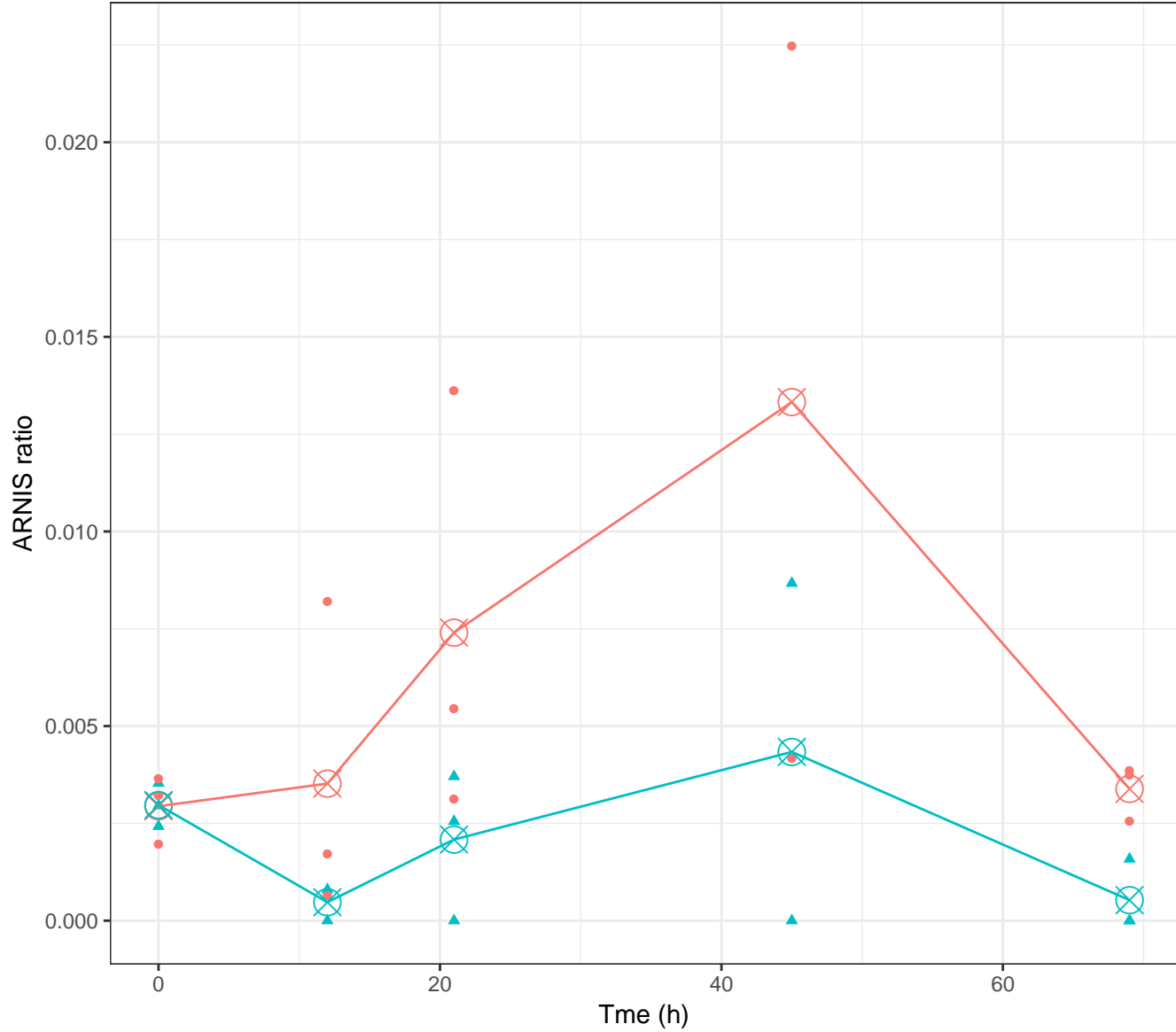


OTU.187_Verrucomicrobia_Chthoniobacterales

Treatment  Control  Filtered-1micron

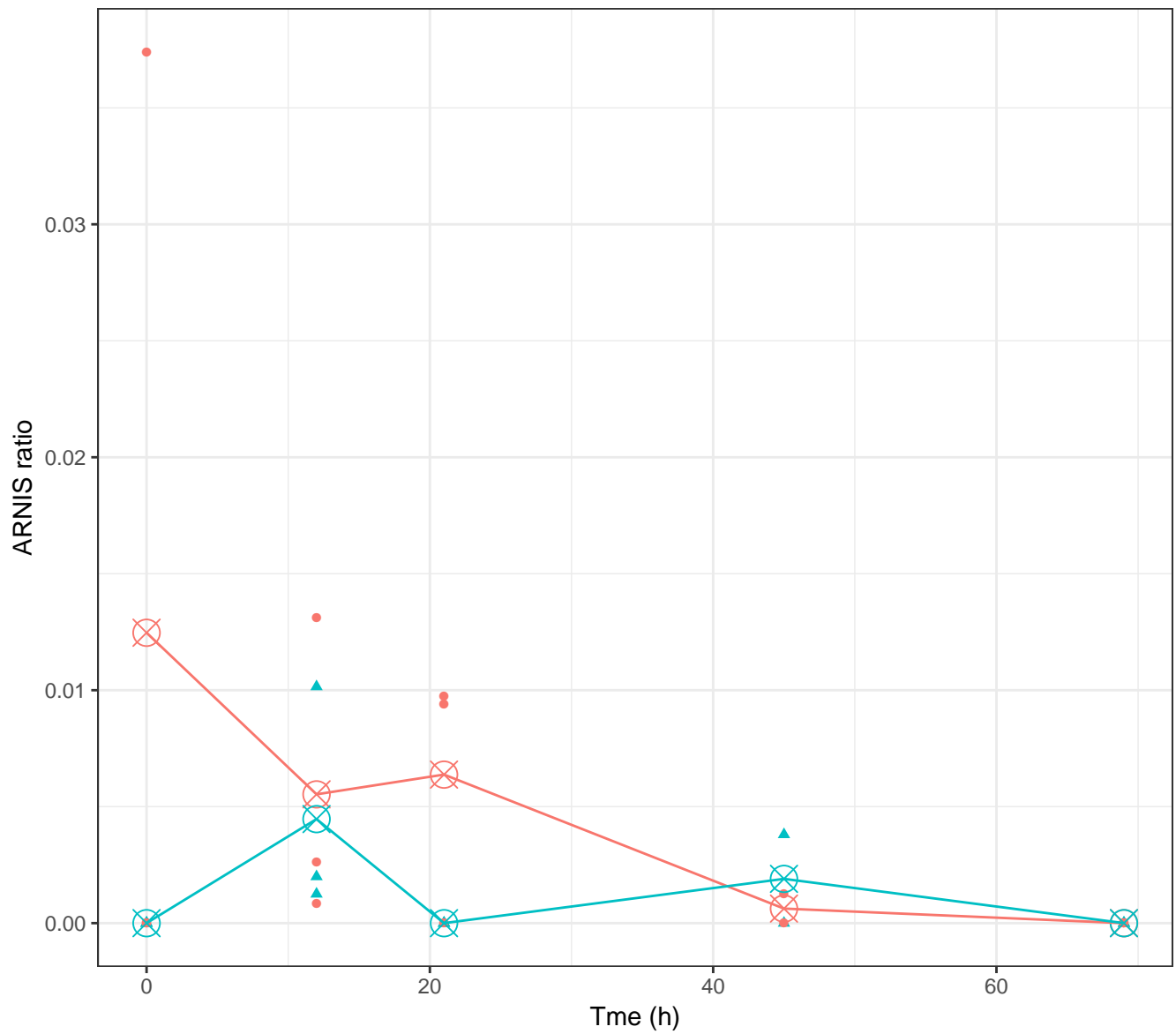
OTU.767_Bacteroidetes_NS11.12_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



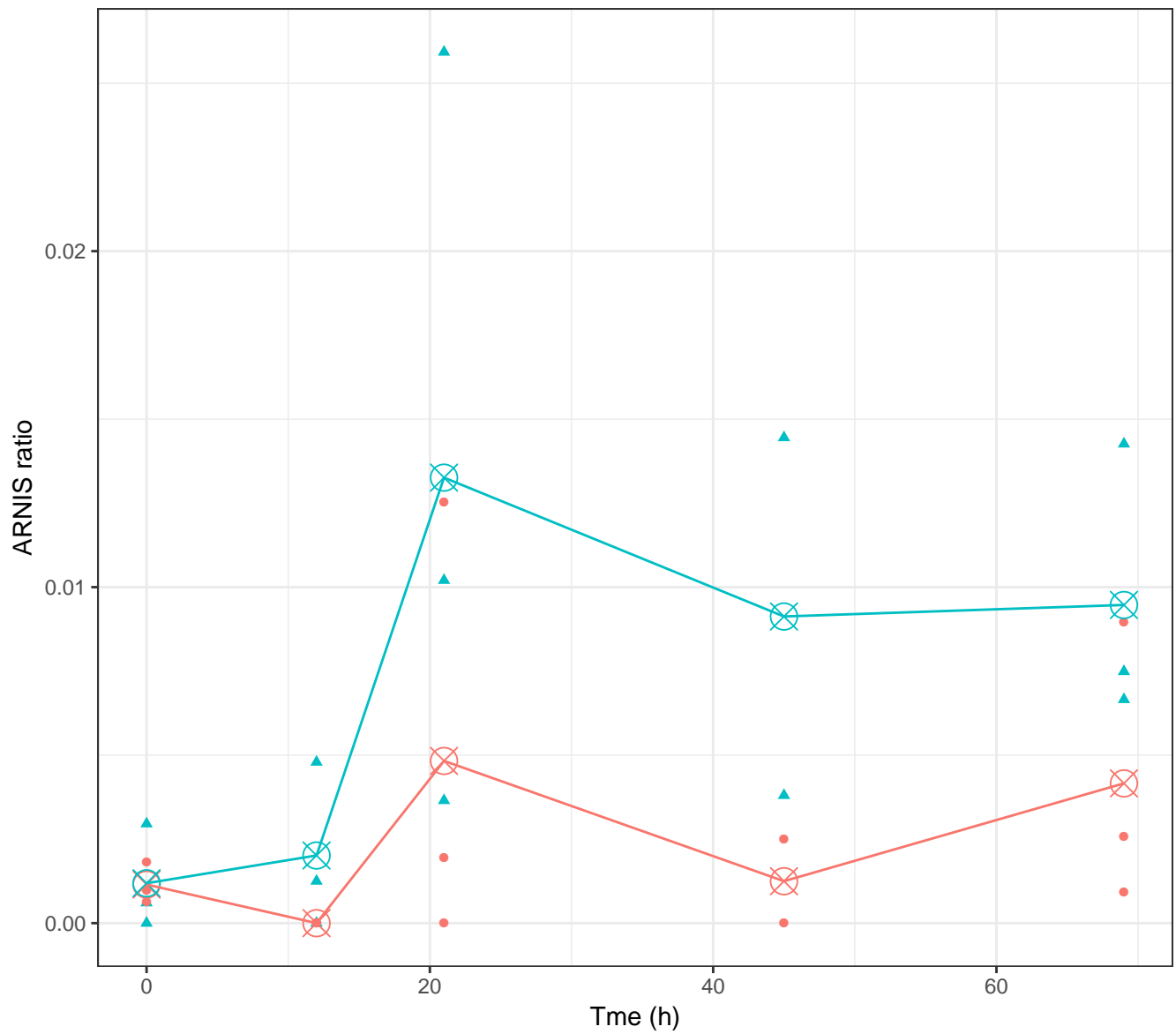
OTU.609_Actinobacteria_Corynebacteriaceae

Treatment Control Filtered-1micron



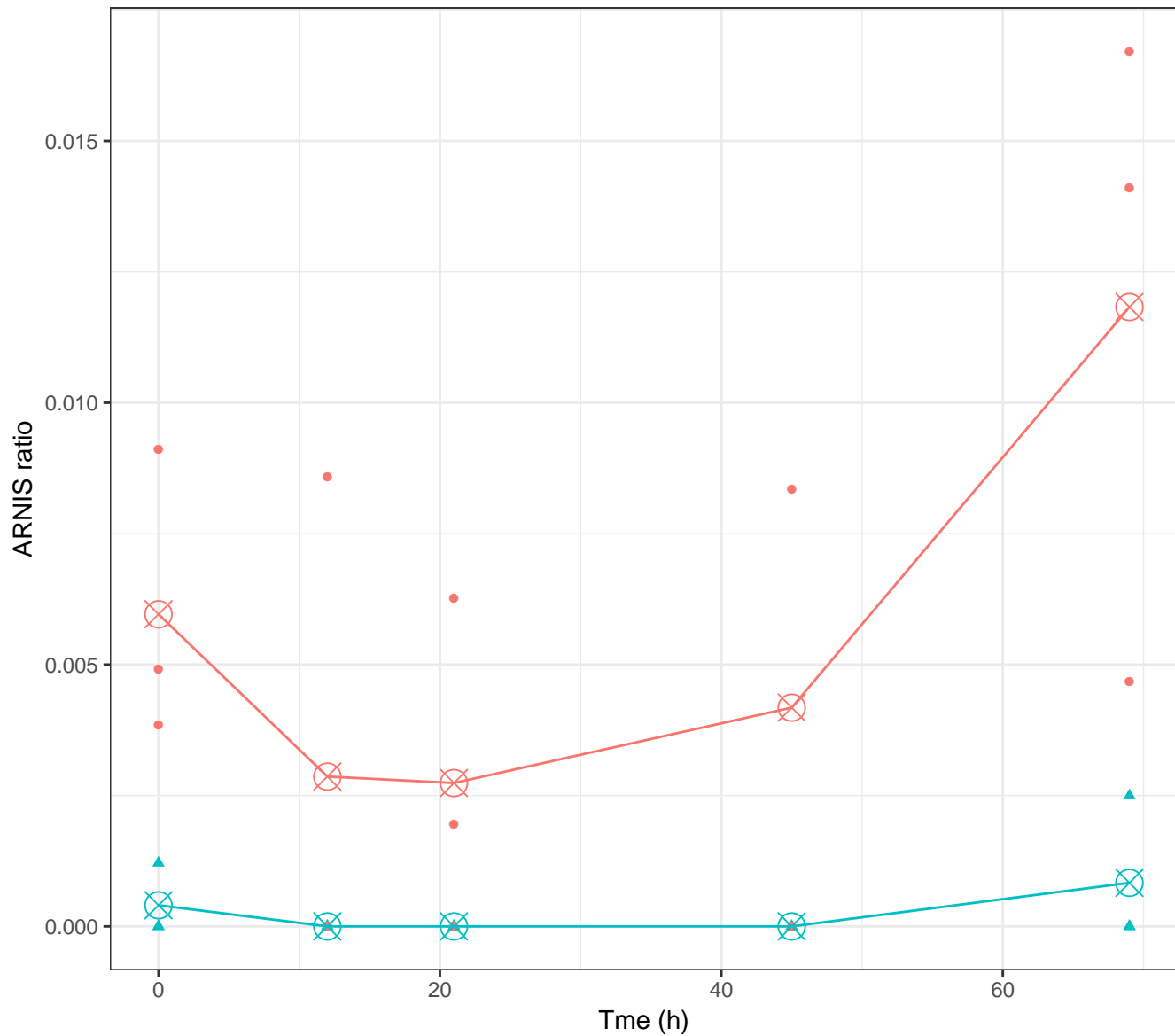
OTU.425_Bacteroidetes_Chitinophagaceae

Treatment Control Filtered-1micron



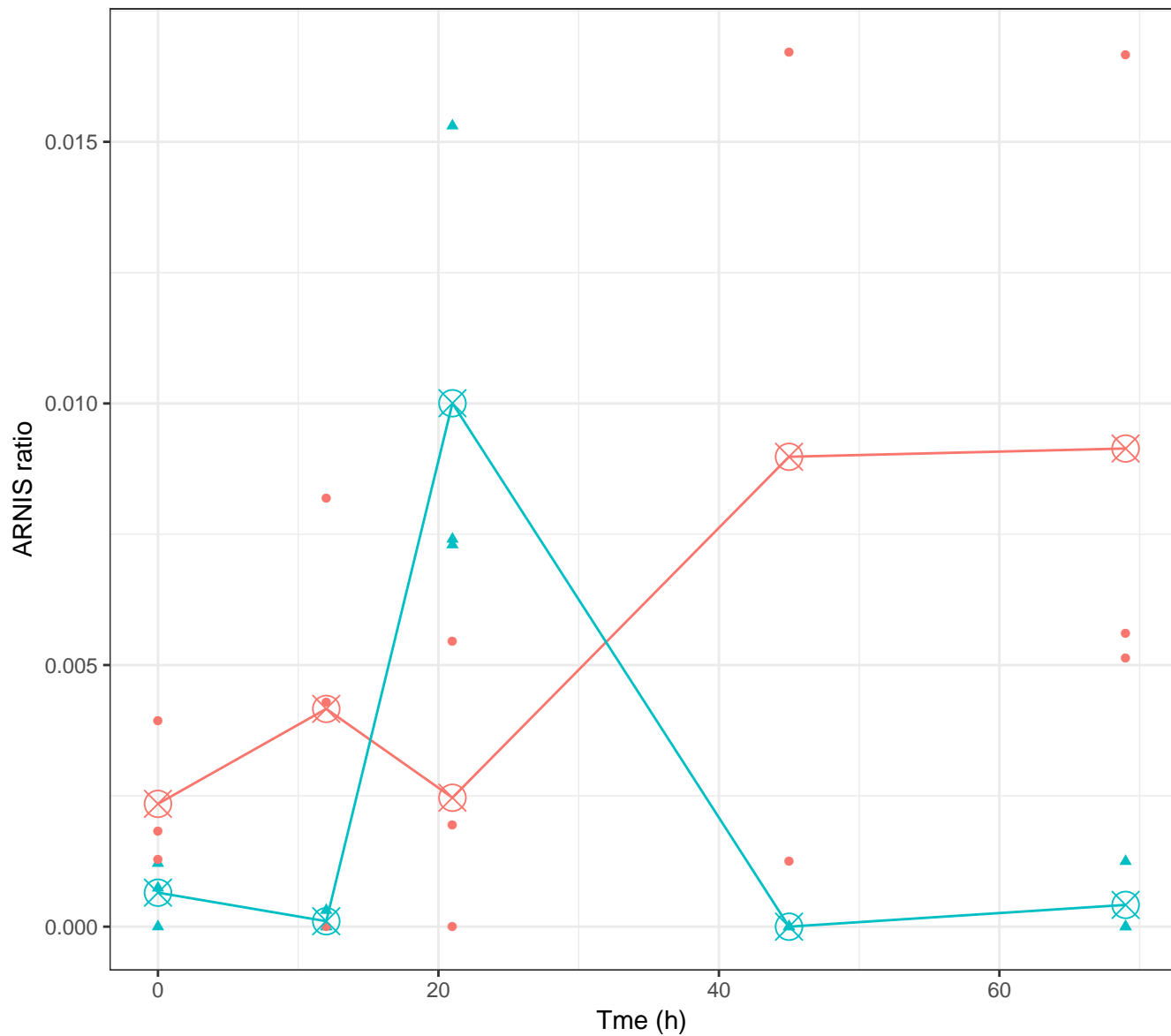
OTU.901_Verrucomicrobia_OPB35_soil_group

Treatment ⊗ Control ⊗ Filtered-1micron



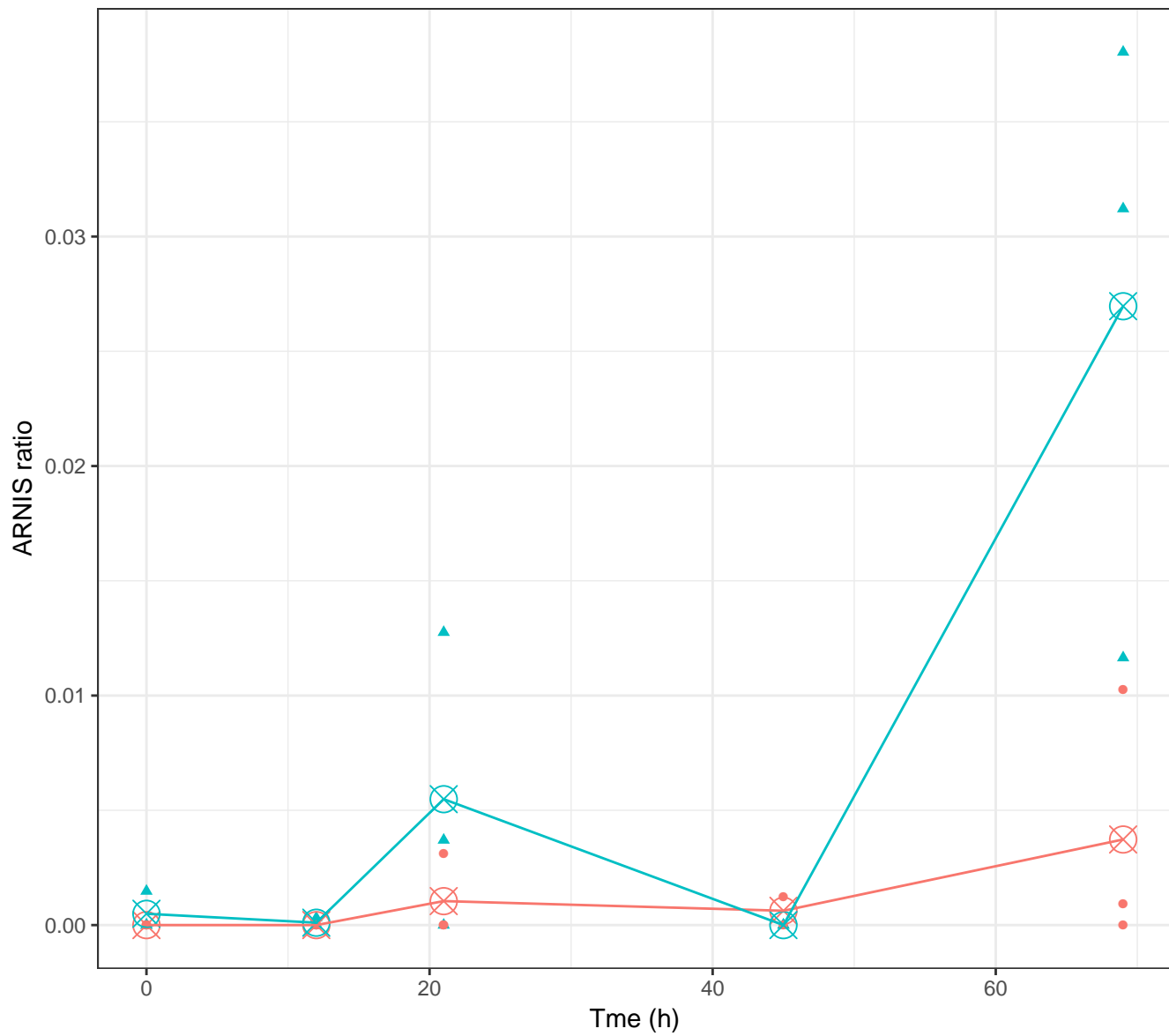
OTU.918_Candidate_division_SR1

Treatment ⊗ Control ⊗ Filtered-1micron



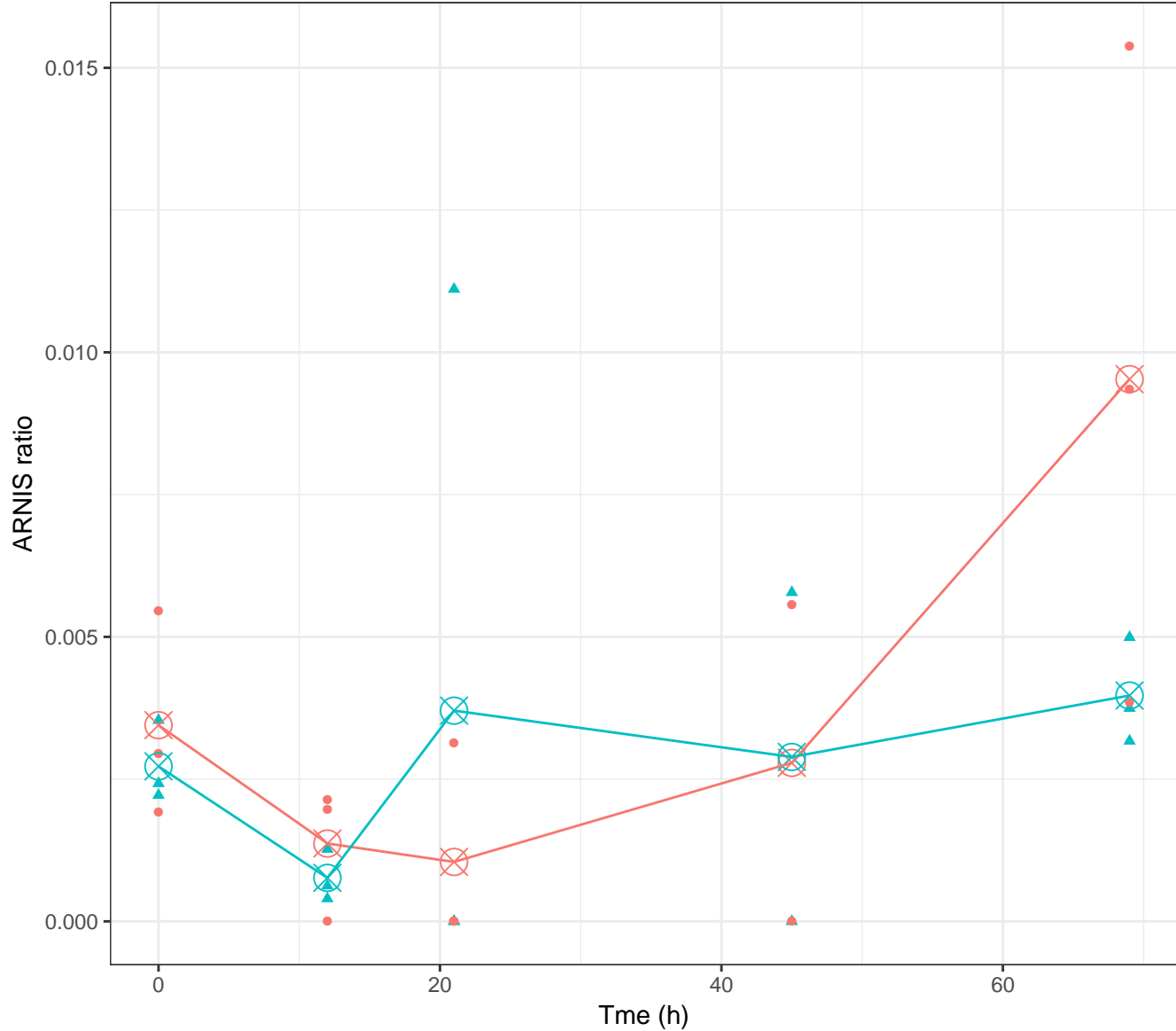
OTU.1235_Bacteroidetes_Leadbetterella

Treatment Control Filtered-1micron



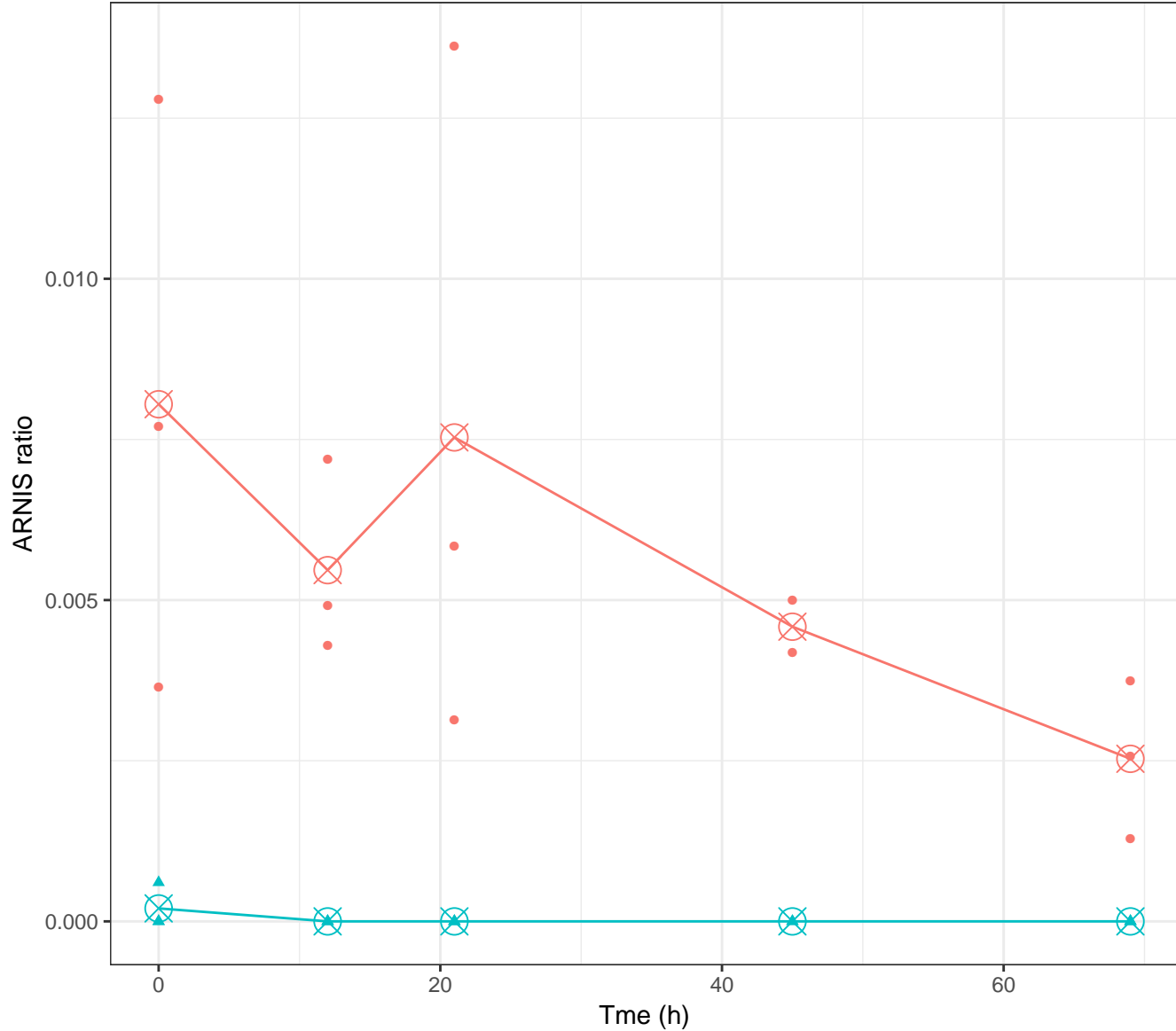


OTU.6899_Betaproteobacteria_Polynucleobacter



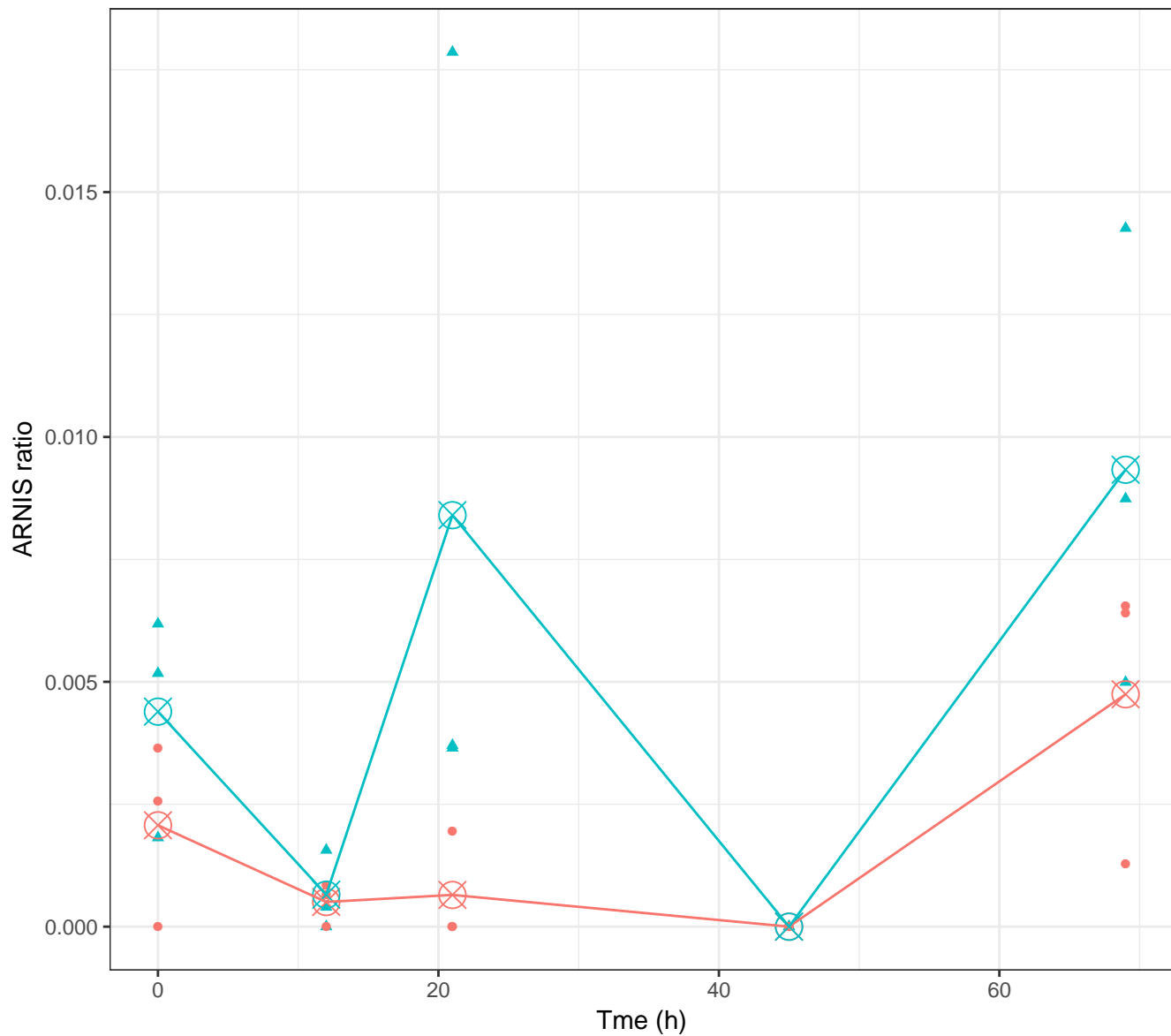
Treatment ⊗ Control ⊗ Filtered-1micron



OTU.664_Planctomyces_Planctomycetaceae

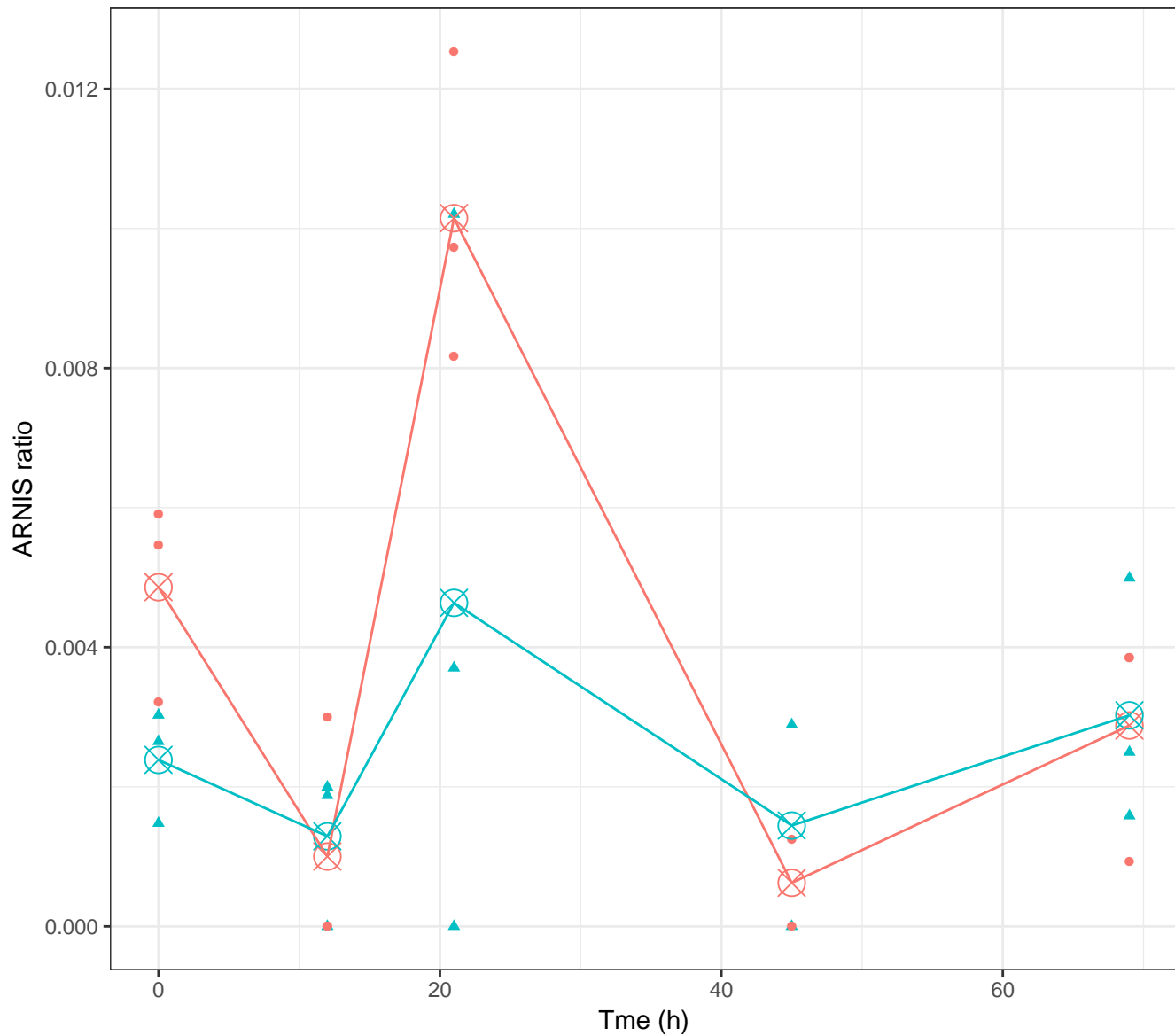
Treatment  Control  Filtered-1micron

OTU.1230_Actinobacteria_clade_acSTL

Treatment  Control  Filtered-1micron

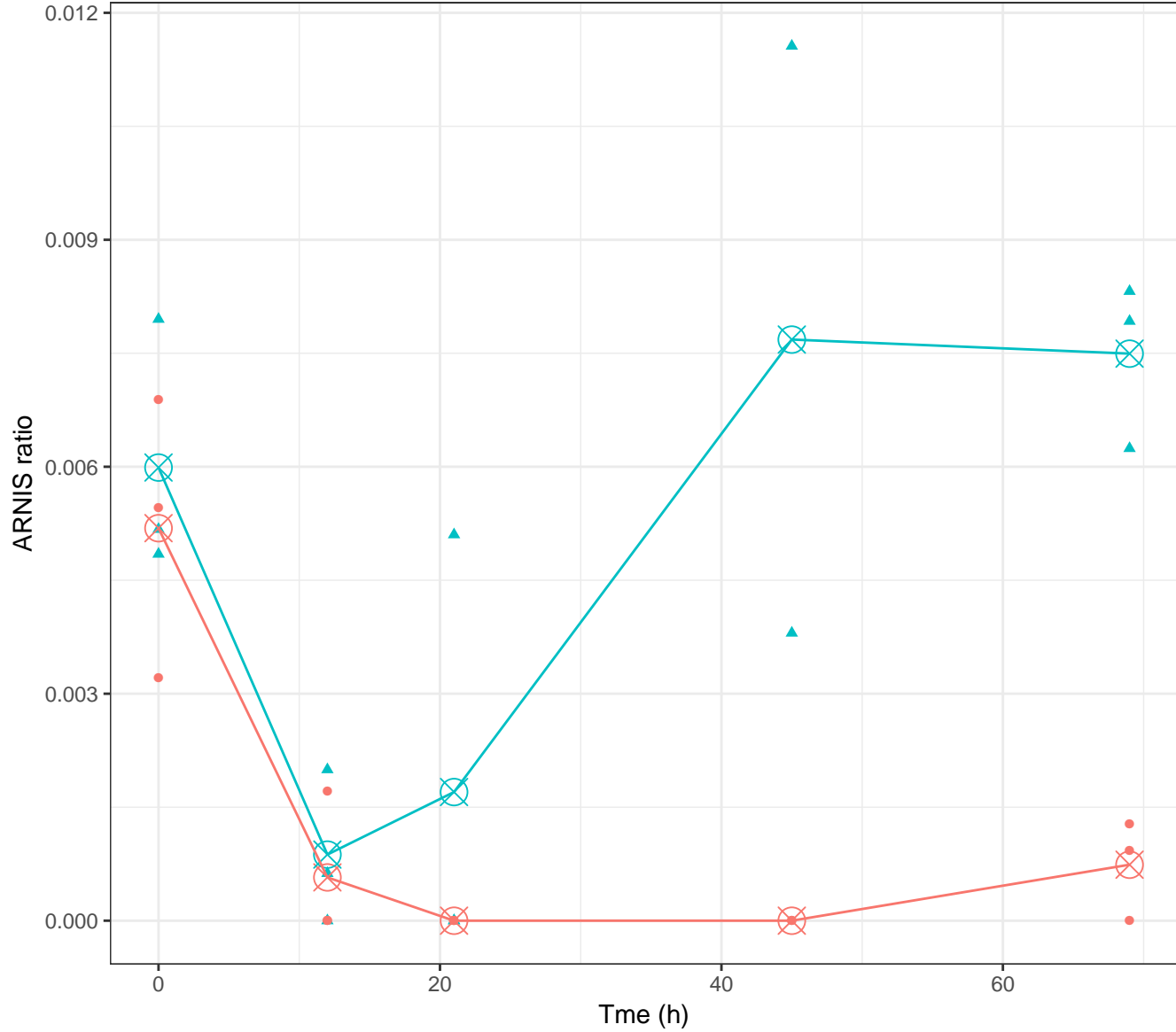
OTU.218_Planctomyces_Planctomycetaceae

Treatment ⊗ Control ⊗ Filtered-1micron



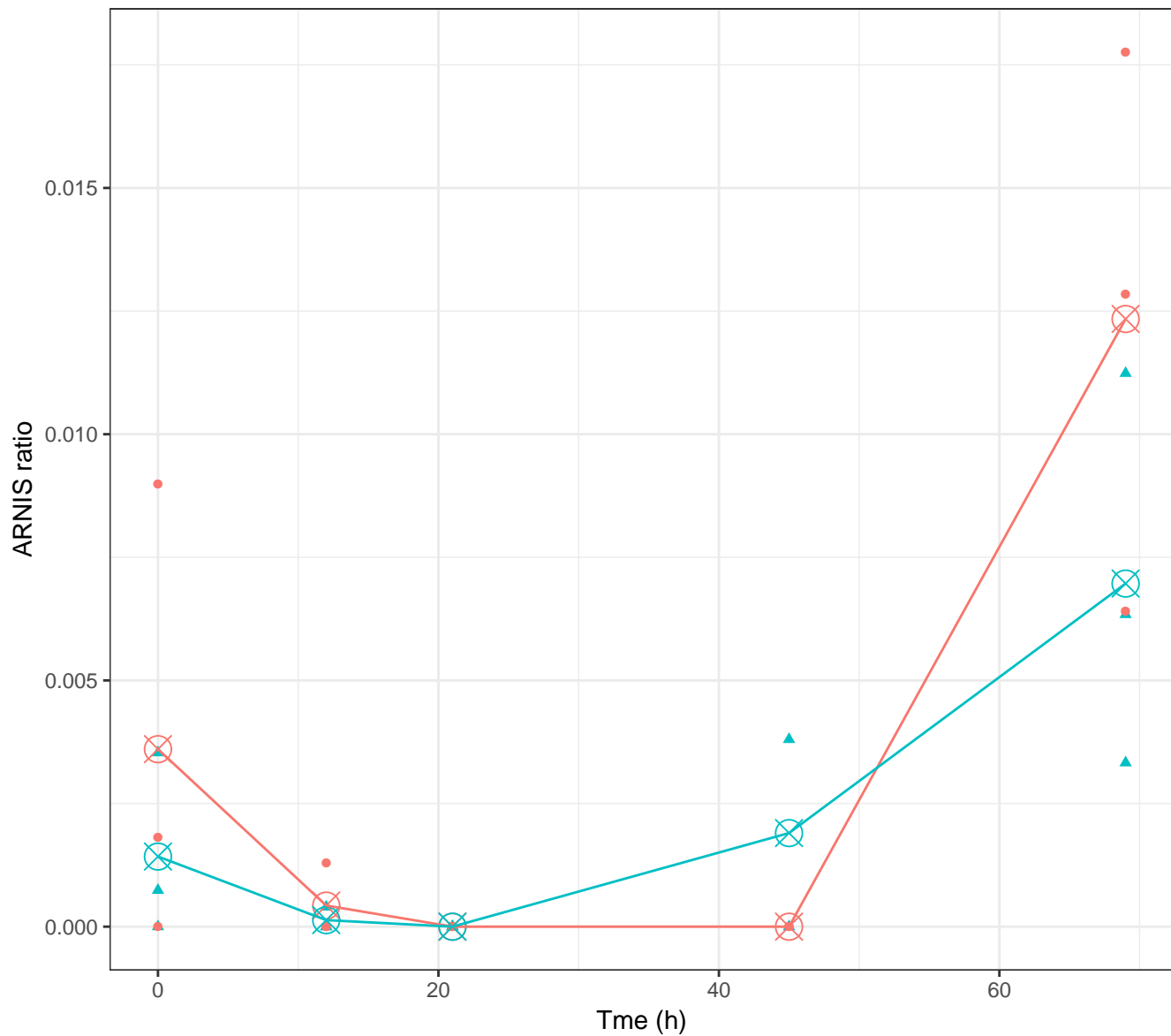
OTU.803_Deltaproteobacteria_Sorangineae

Treatment ⊗ Control ⊗ Filtered-1micron



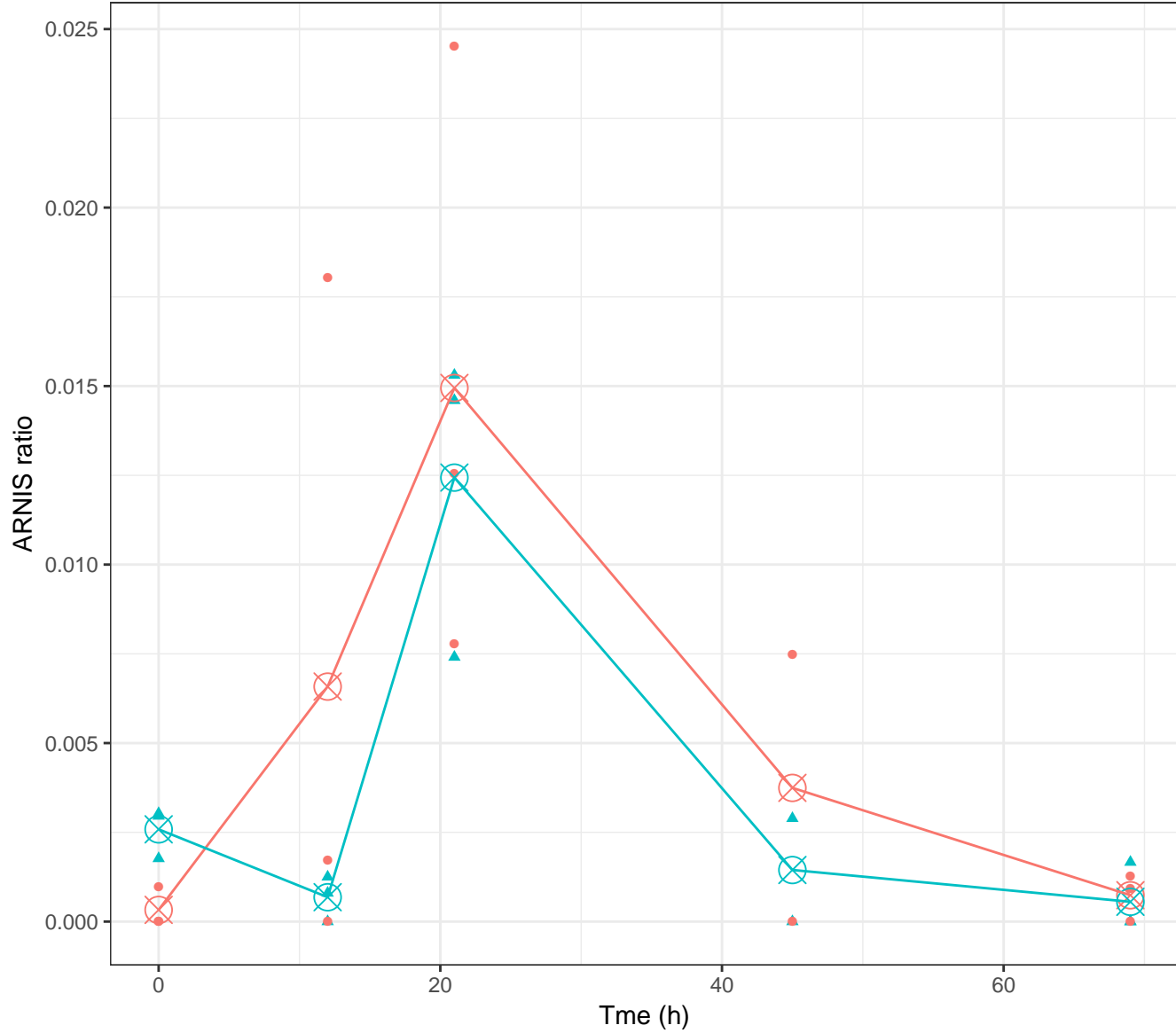
OTU.7025_Verrucomicrobia_UA11

Treatment ⊗ Control ⊗ Filtered-1micron



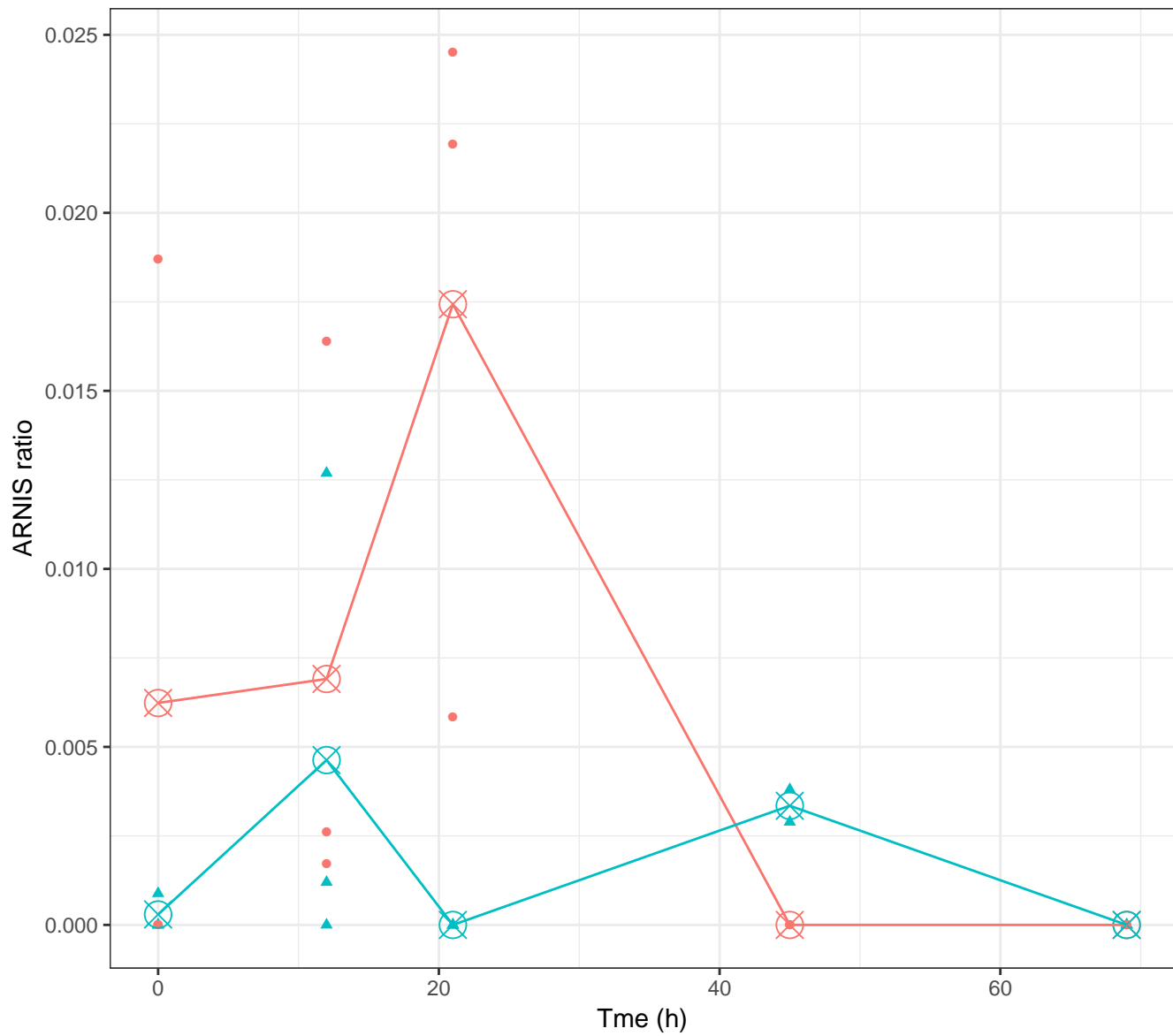
OTU.635_Gammaproteobacteria_Legionella

Treatment Control Filtered-1micron



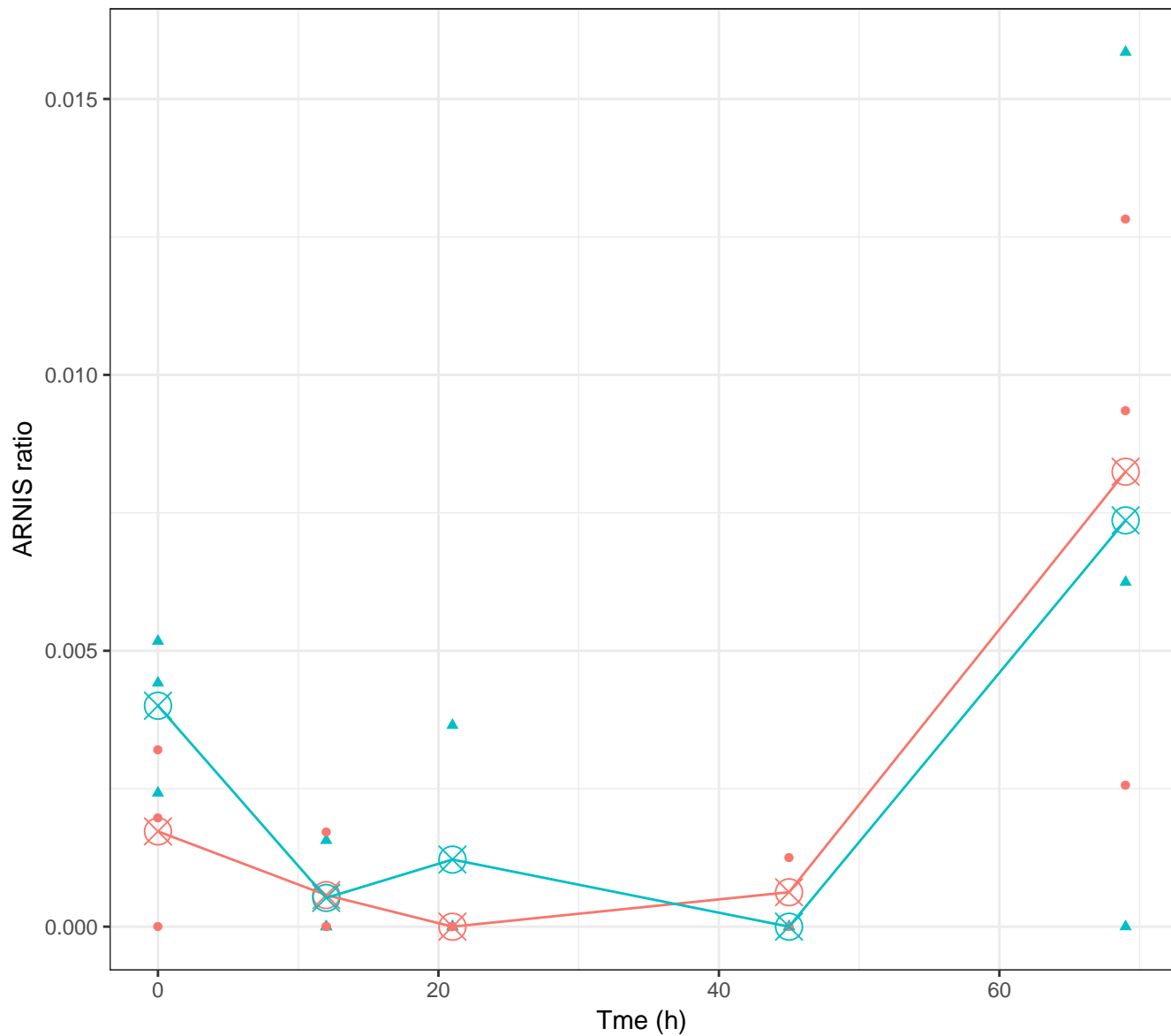
OTU.623_Firmicutes_Streptococcus

Treatment ⊗ Control ⊗ Filtered-1micron



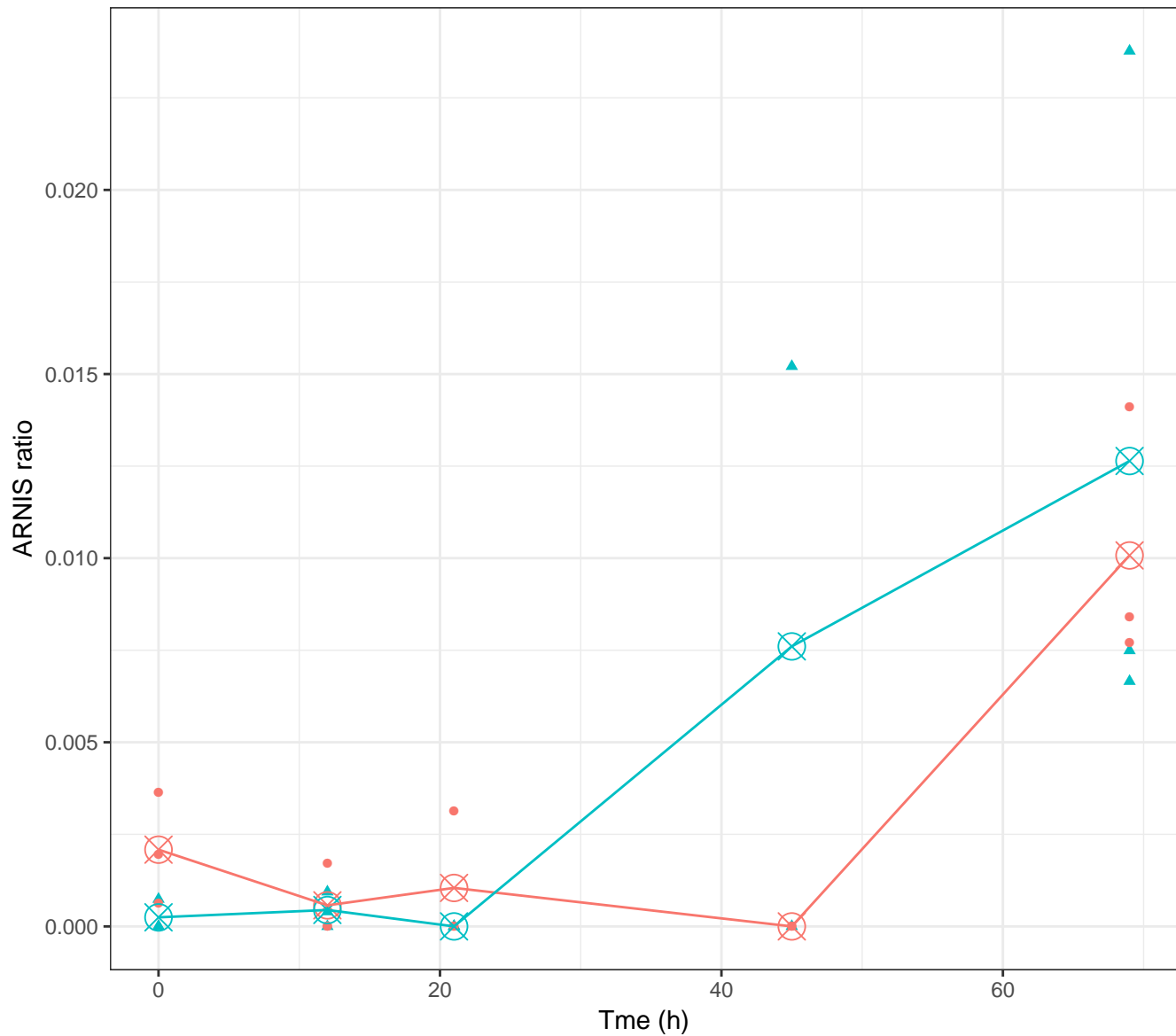
OTU.162_Actinobacteria_clade_acl.B1

Treatment ⊗ Control ⊗ Filtered-1micron



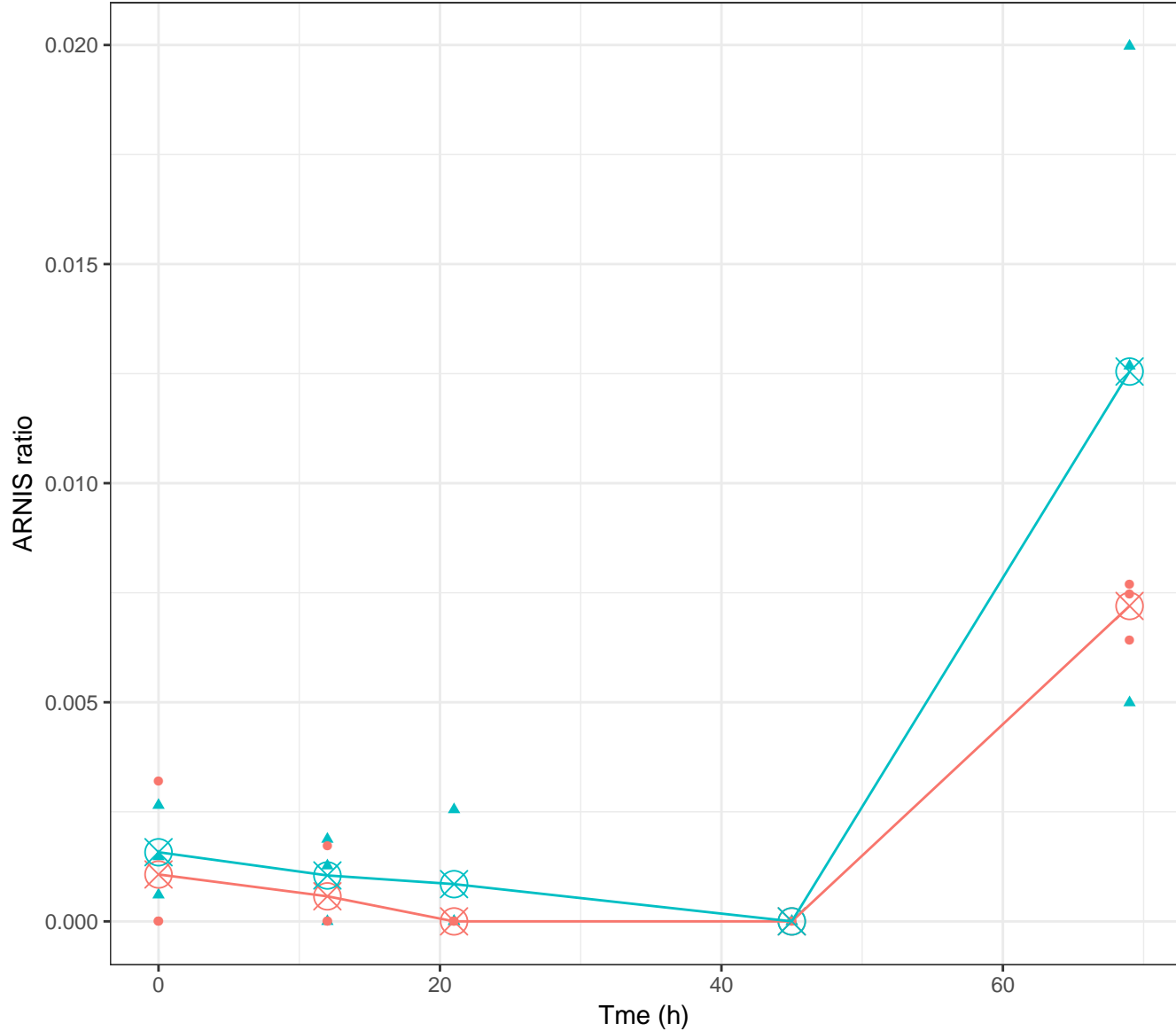
OTU.912_Betaproteobacteria_Comamonadaceae

Treatment ⊗ Control ⊗ Filtered-1micron



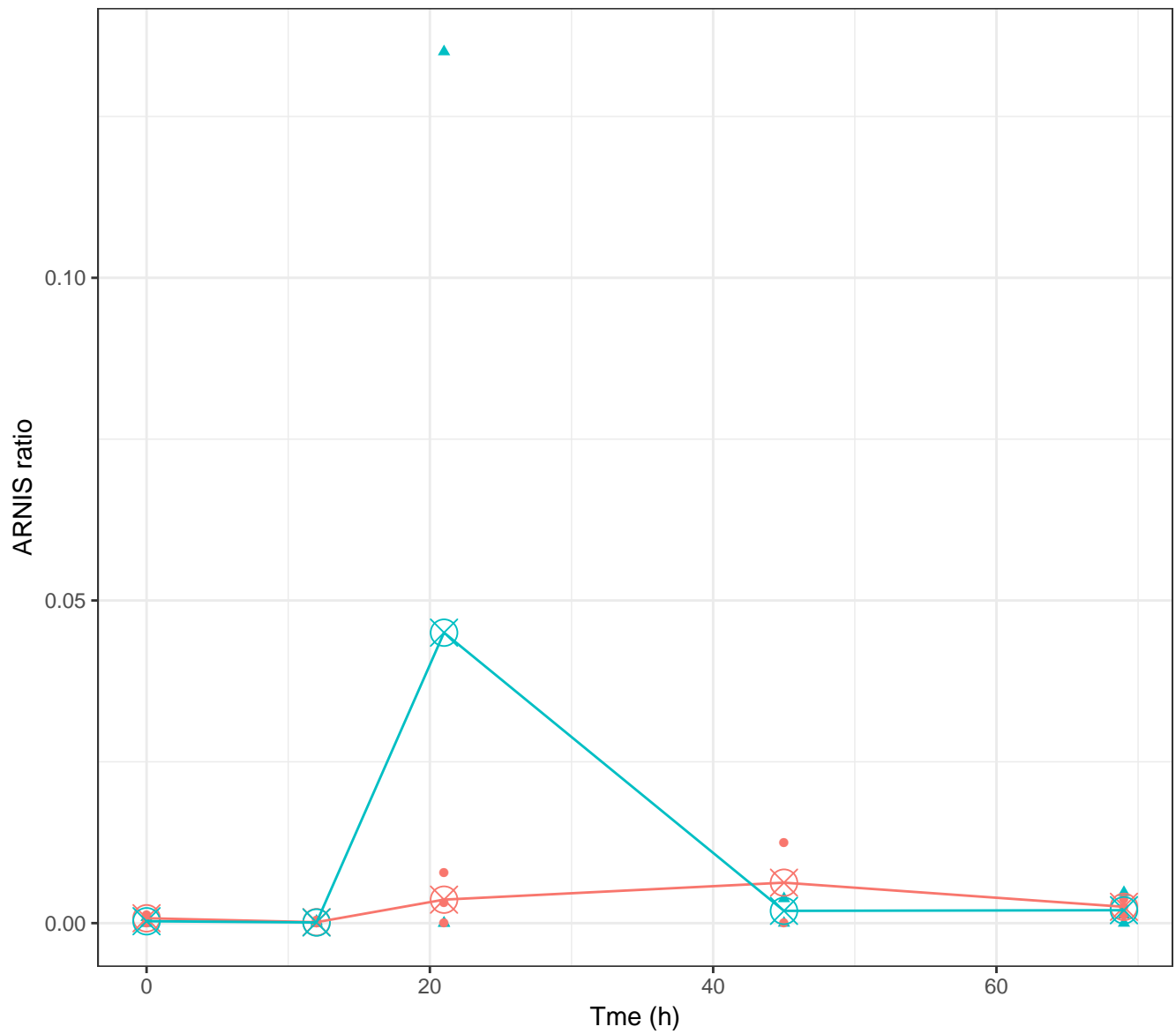
OTU.352_Actinobacteria_CL500.29_marine_group.freshwater_aclV.A_clade

Treatment ⊗ Control ⊗ Filtered-1micron



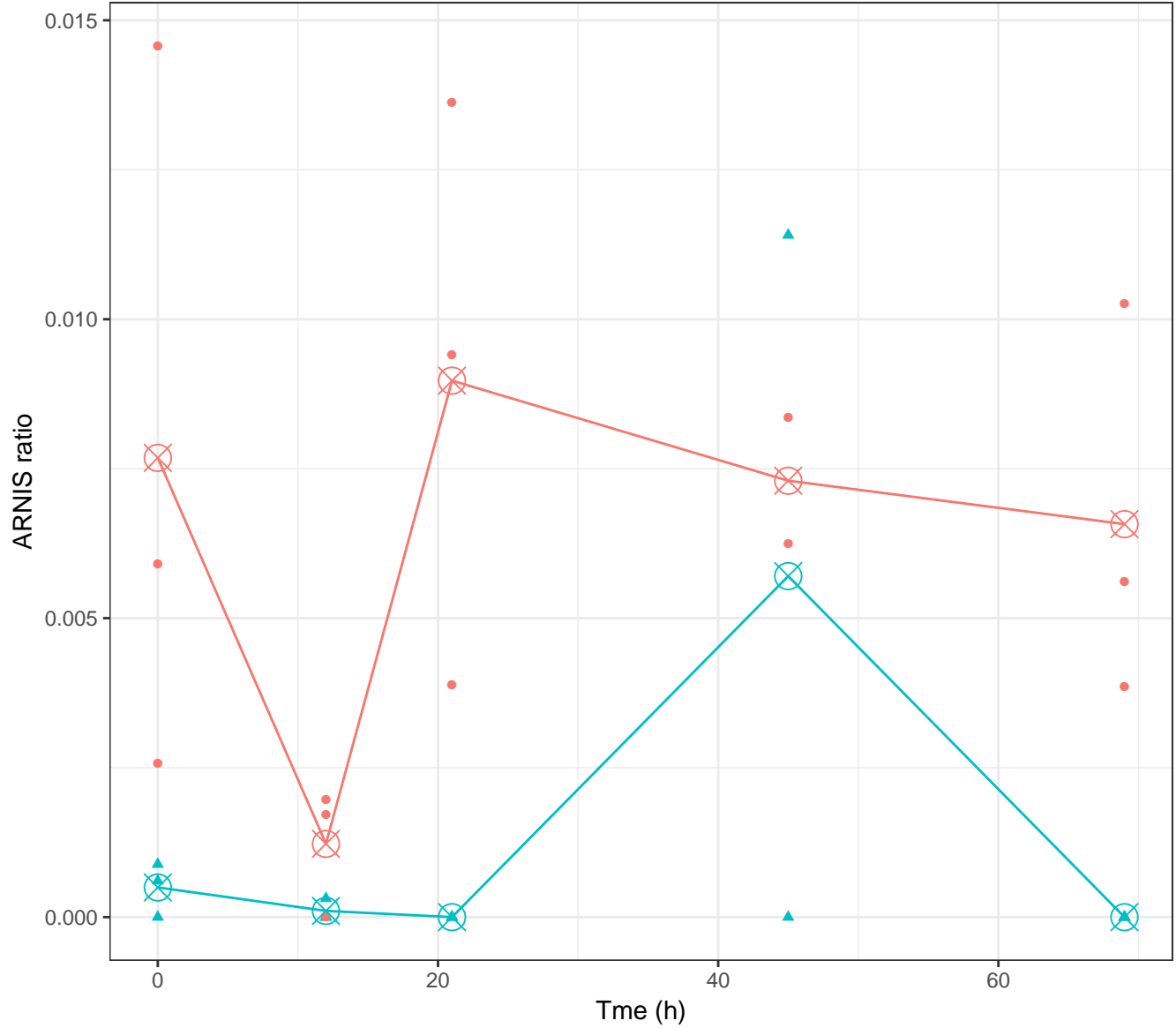
OTU.1269_Betaproteobacteria_Comamonadaceae

Treatment Control Filtered-1micron



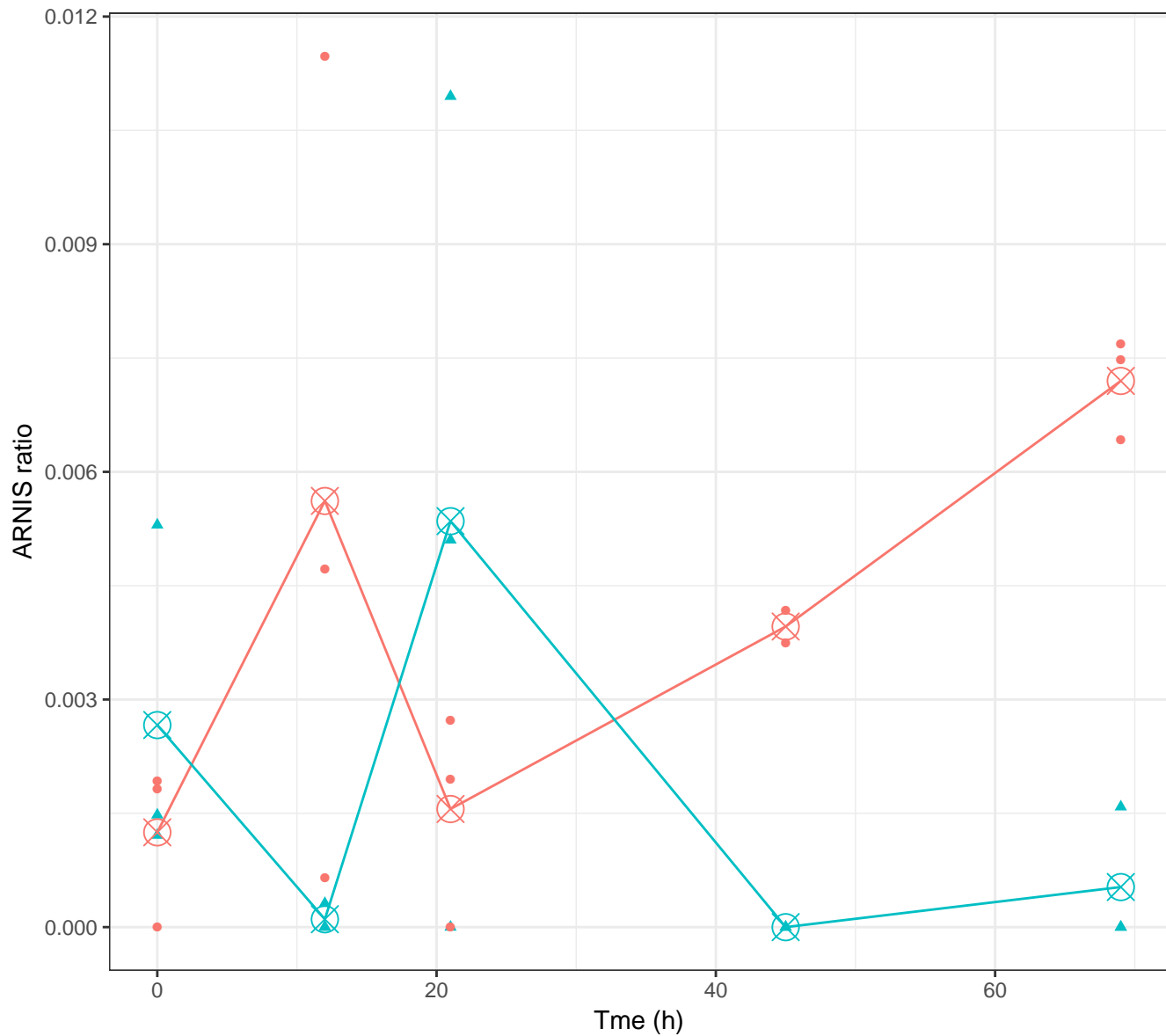
OTU.943_Bacteroidetes_Cytophagaceae

Treatment Control Filtered-1micron



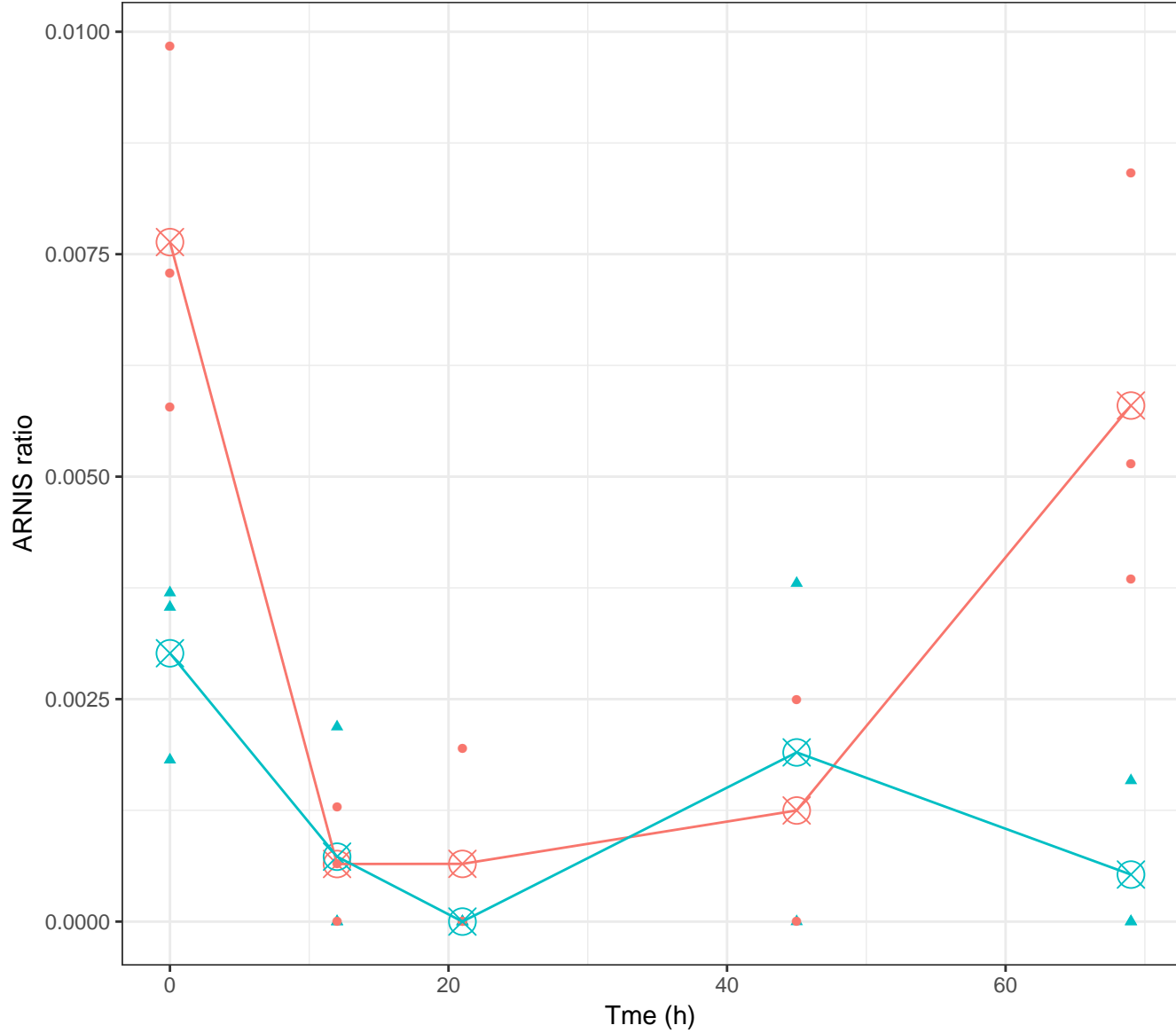


OTU.1090_Proteobacteria_TA18



Treatment ⊗ Control ⊗ Filtered-1micron

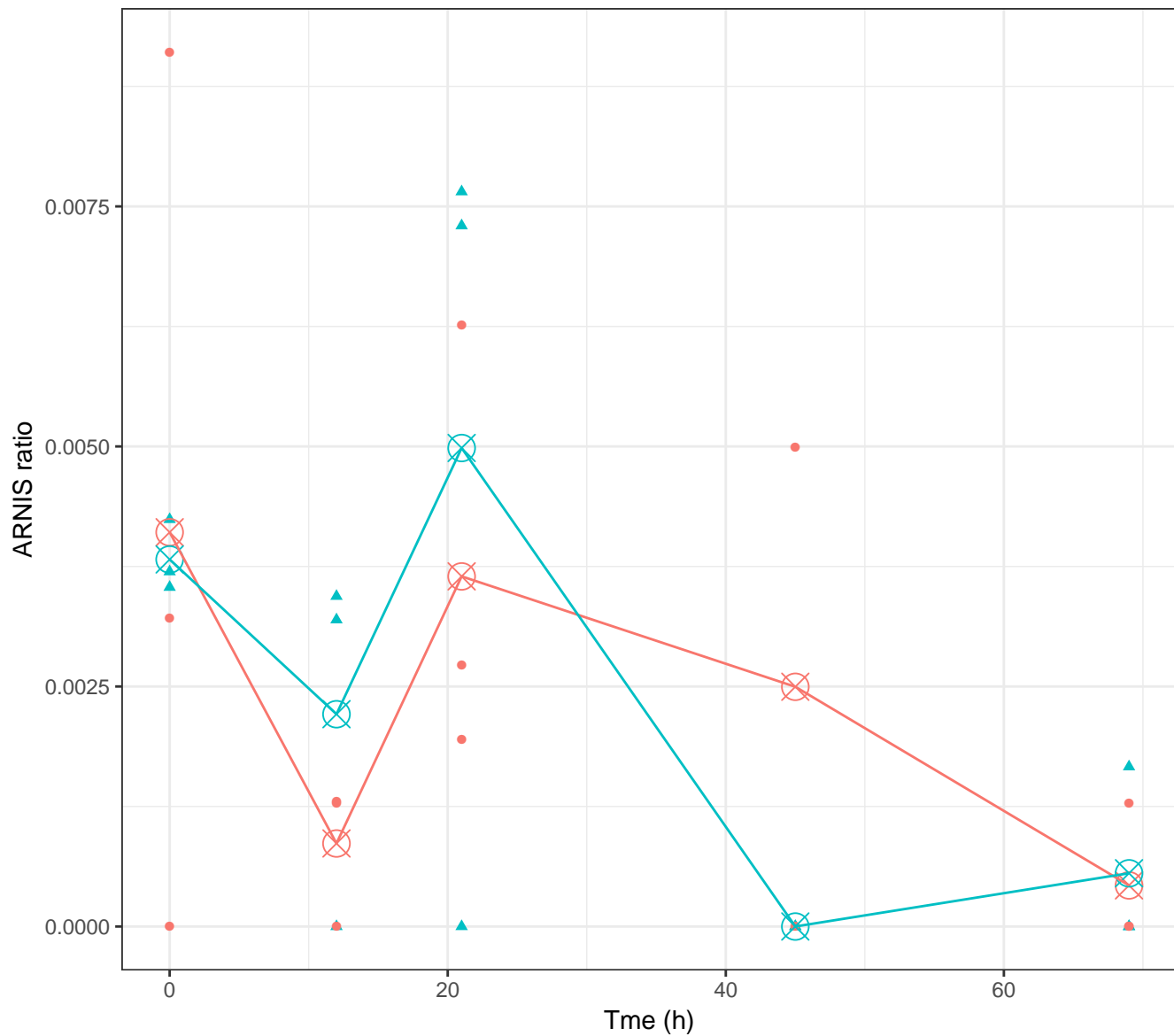


OTU.5439_Betaproteobacteria_Comamonadaceae



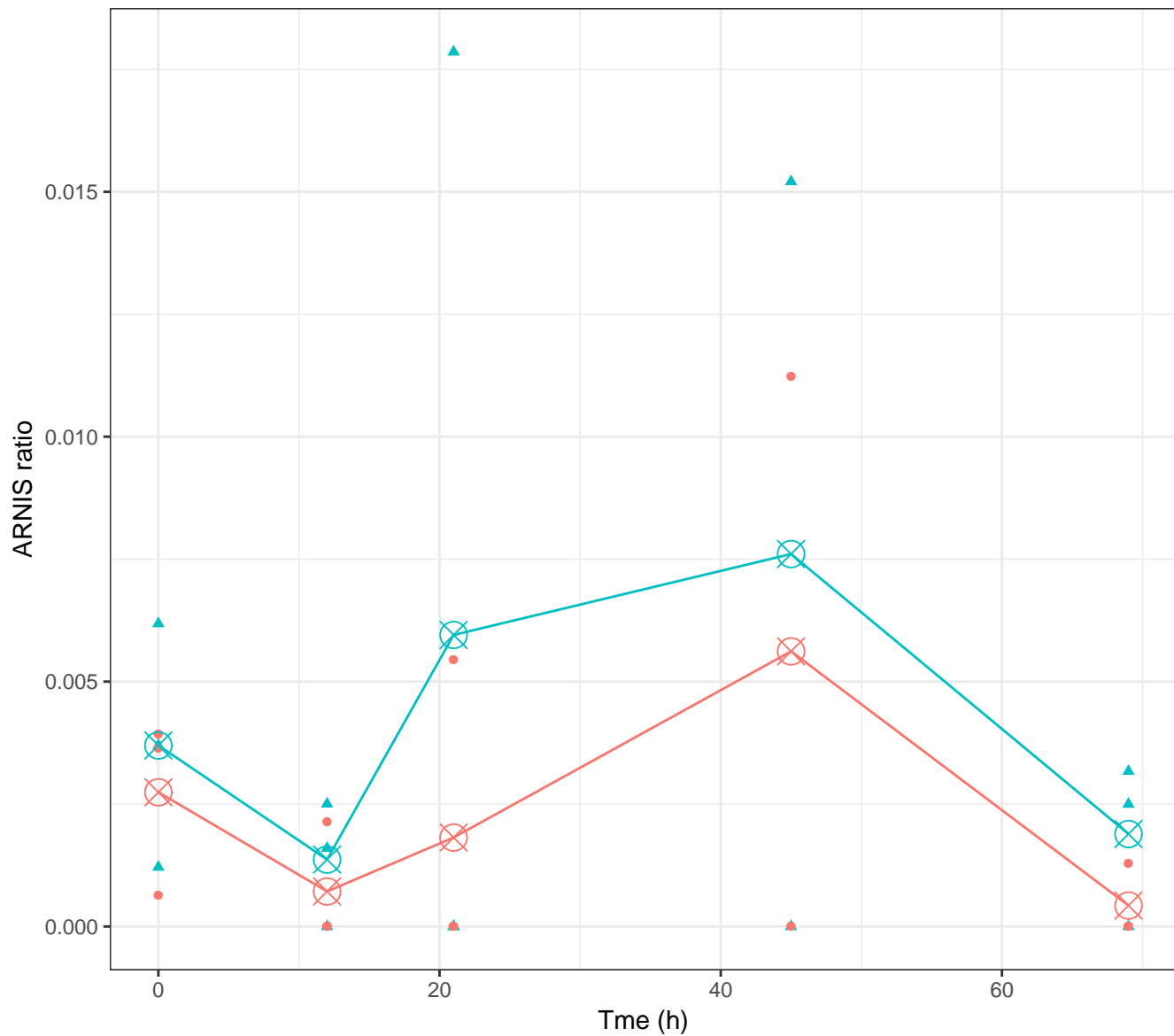
Treatment  Control  Filtered-1micron

OTU.136_Actinobacteria_Sporichthyaceae

Treatment  Control  Filtered-1micron

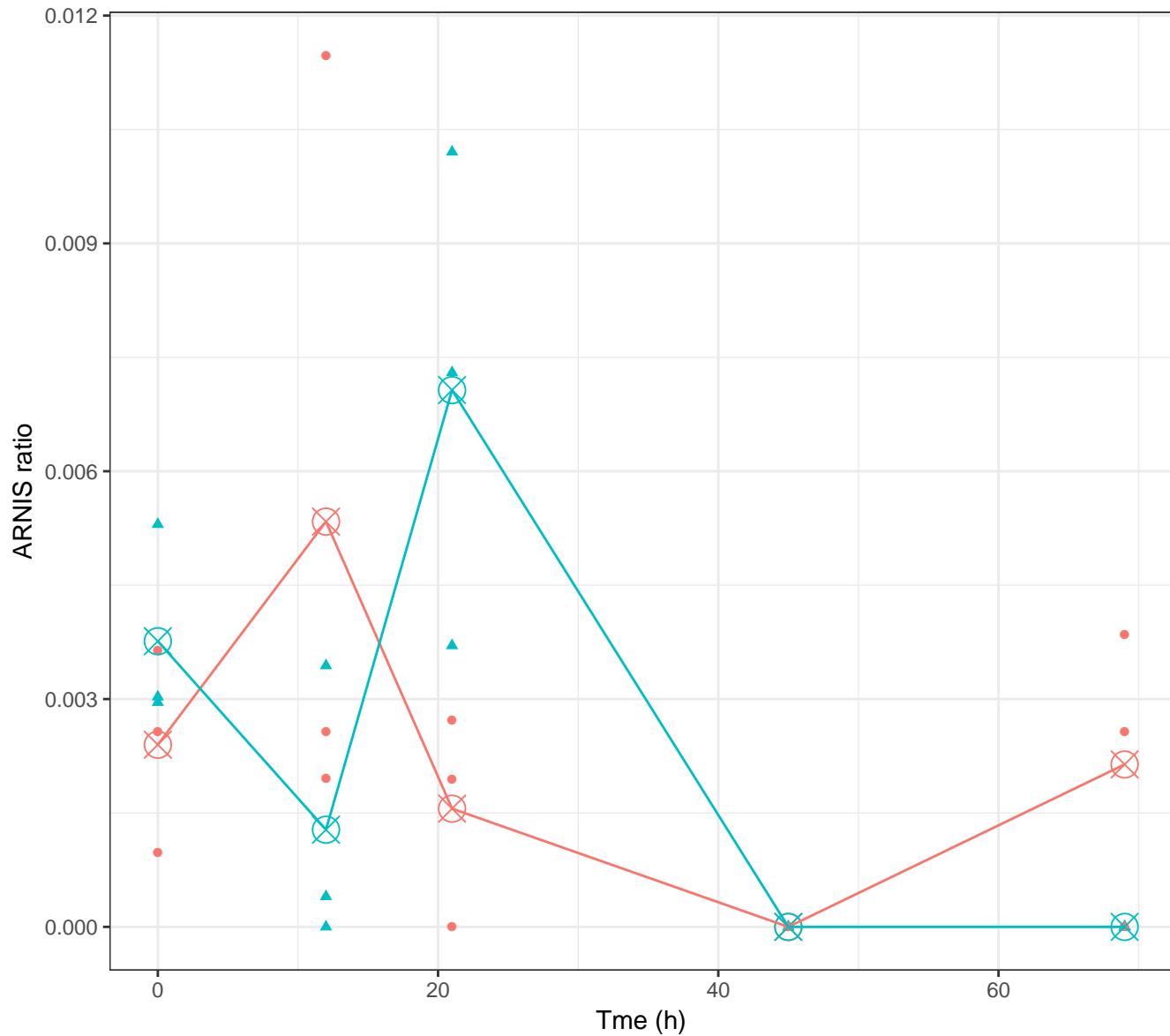


OTU.115_Betaproteobacteria_TRA3.20

Treatment  Control  Filtered-1micron

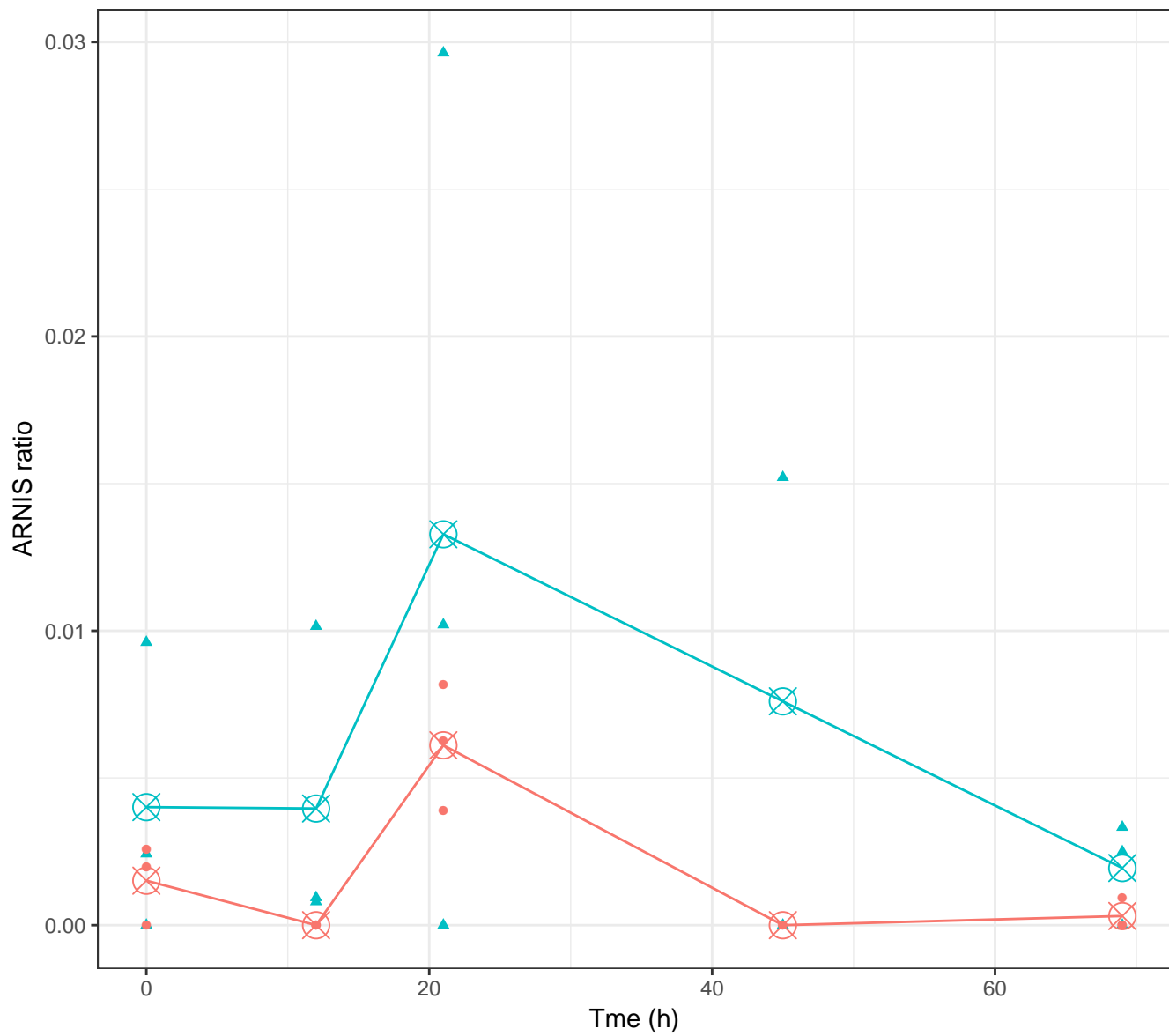
OTU.8113_Planctomycetes_Planctomycetaceae

Treatment ⊗ Control ⊗ Filtered-1micron



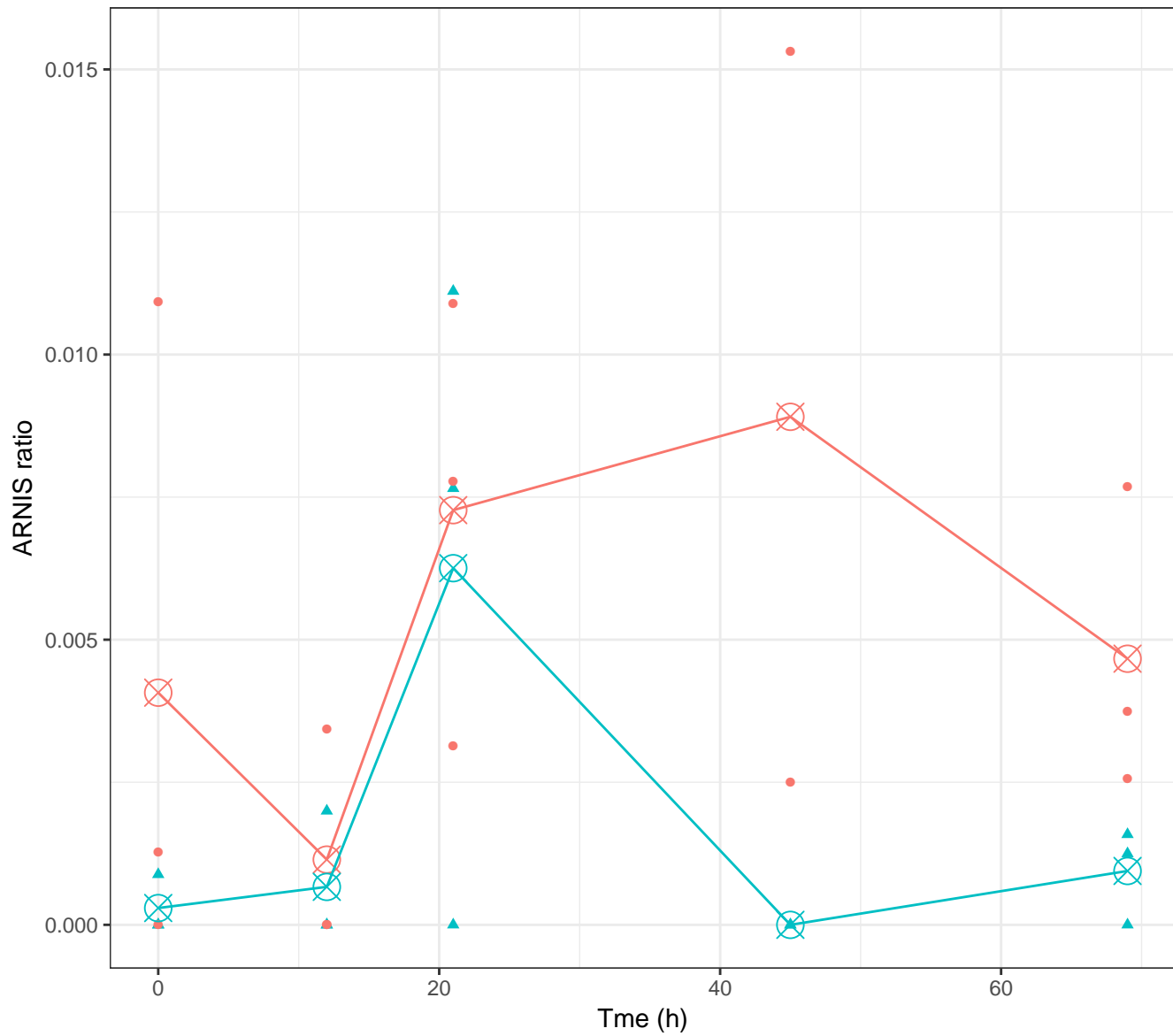
OTU.1913_Candidate_division_OD1

Treatment ⊗ Control ⊗ Filtered-1micron



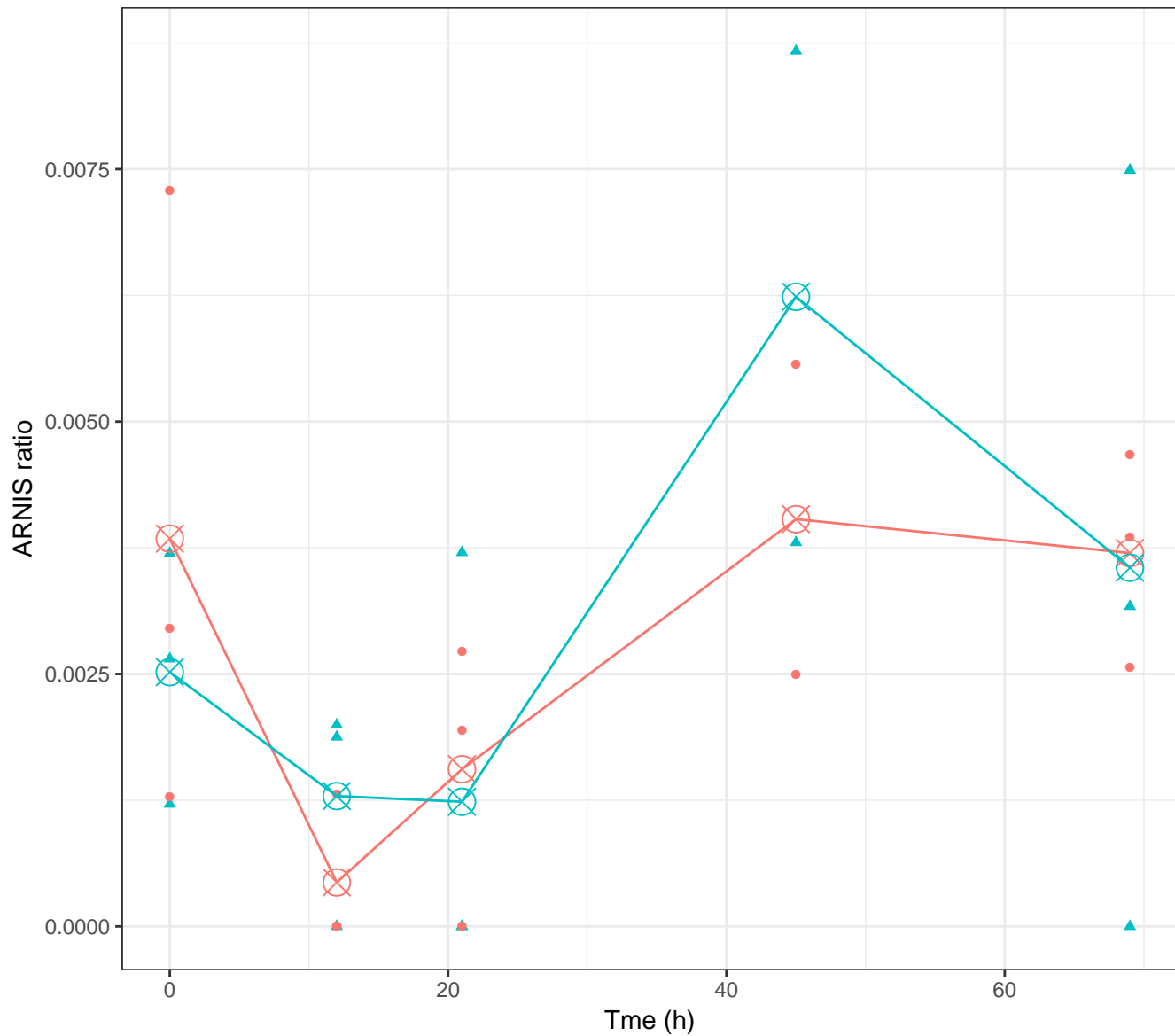
OTU.882_Bacteroidetes_Hydrotalea

Treatment ⊗ Control ⊗ Filtered-1micron



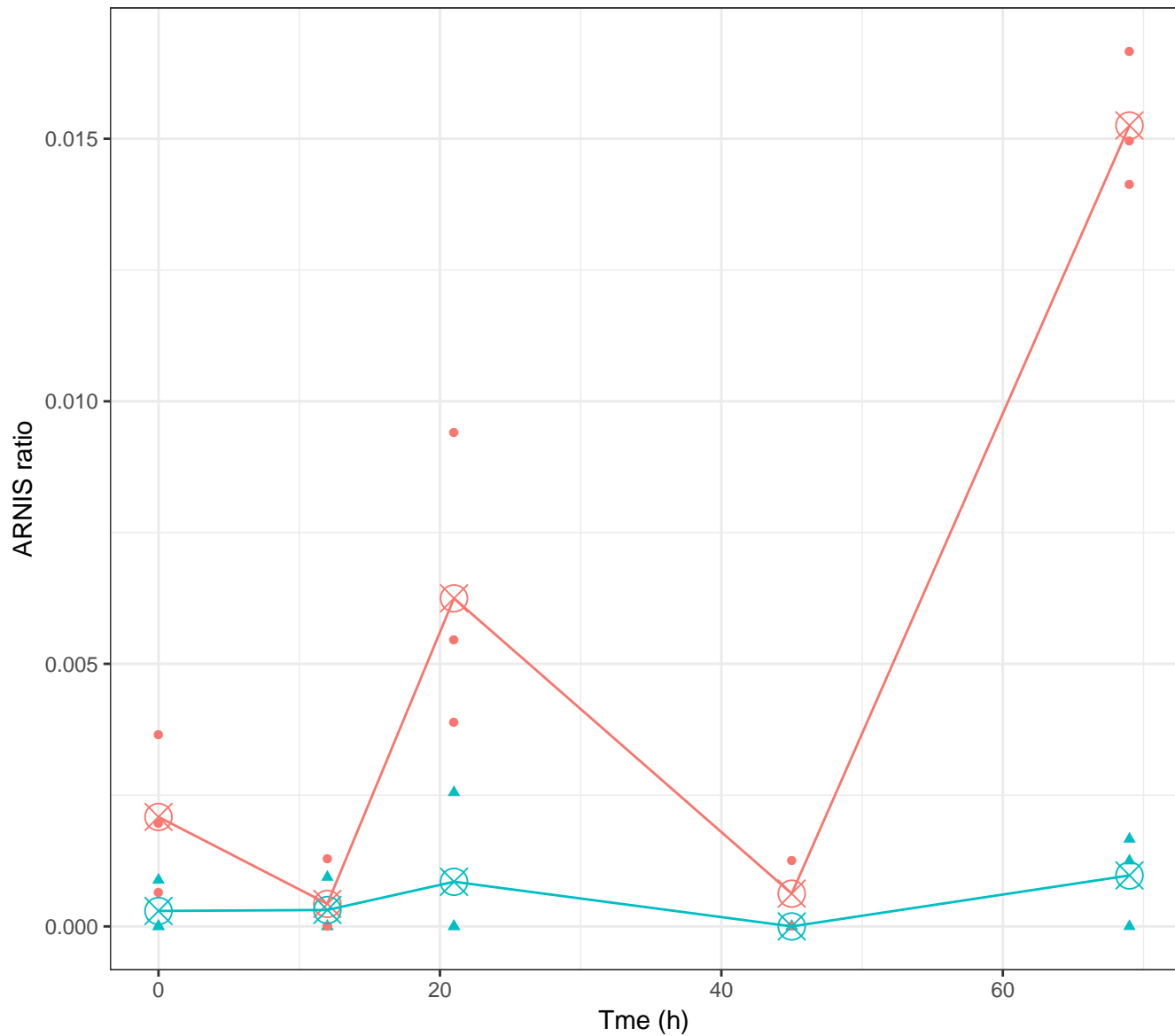
OTU.1172_Betaproteobacteria_TRA3.20

Treatment ⊗ Control ⊗ Filtered-1micron



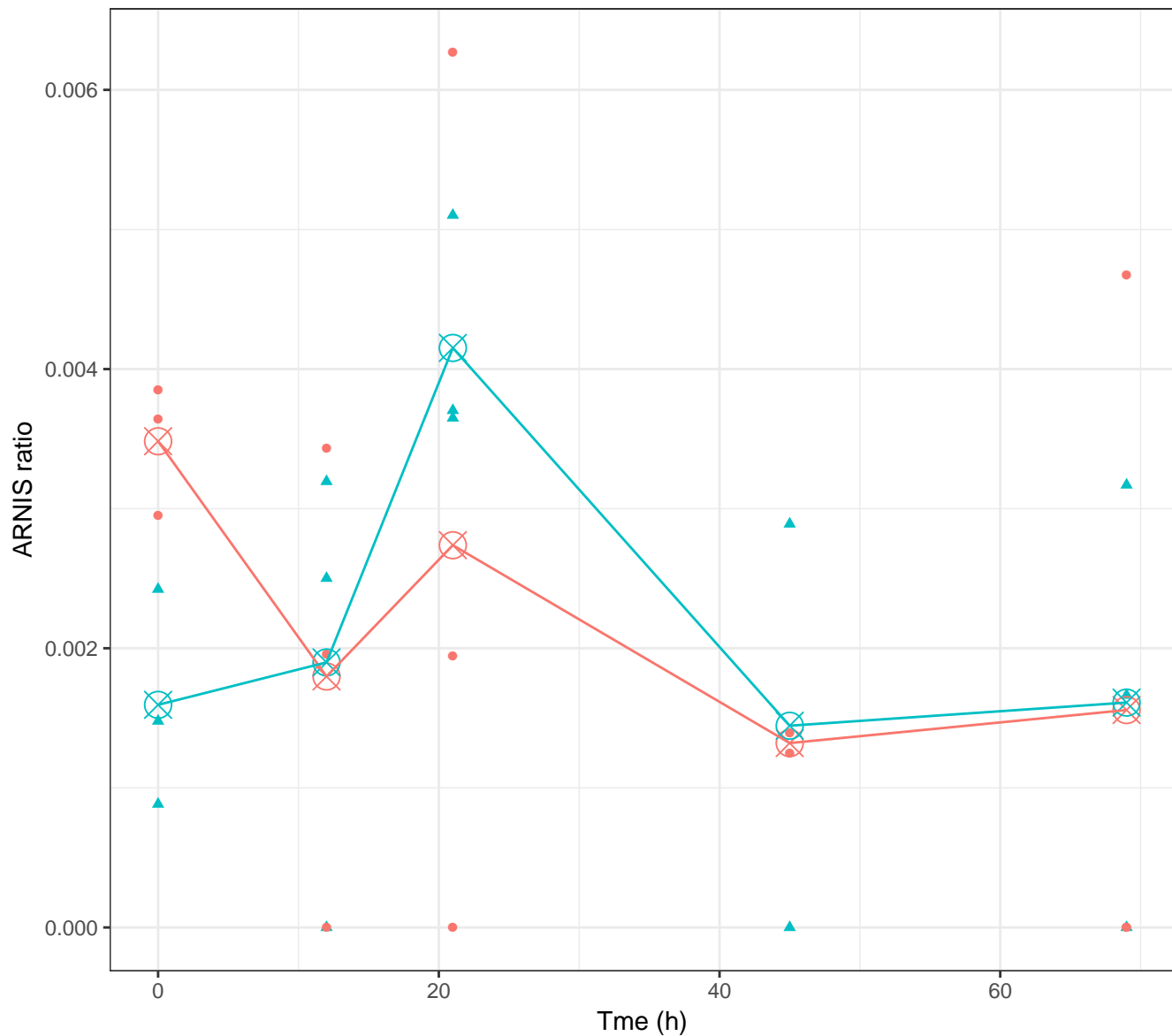
OTU.919_Chlamydiae_Candidatus_Rhabdochlamydia

Treatment Control Filtered-1micron





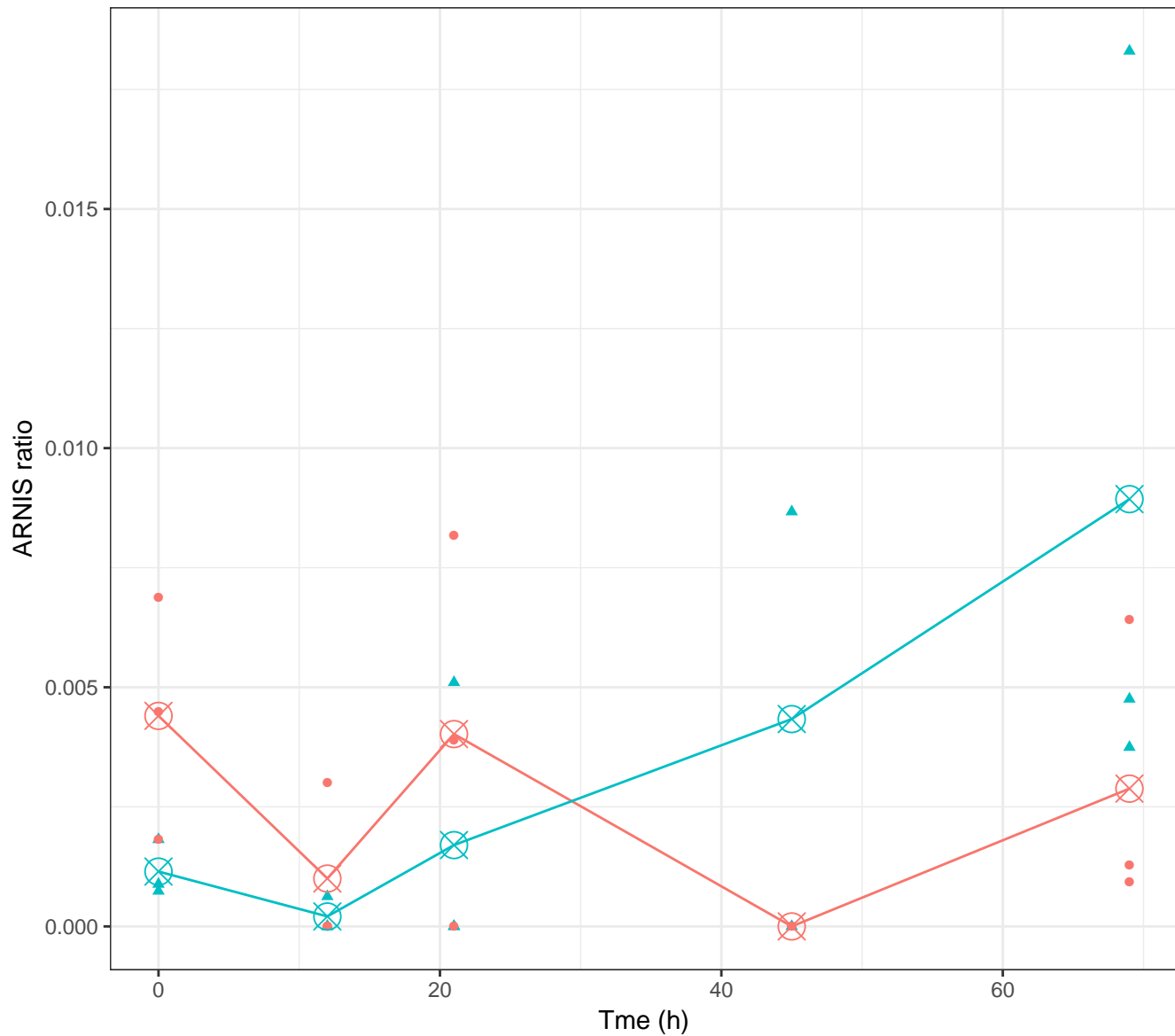
OTU.1053_Actinobacteria_Acidimicrobinae

Treatment ⊗ Control ⊗ Filtered-1micron



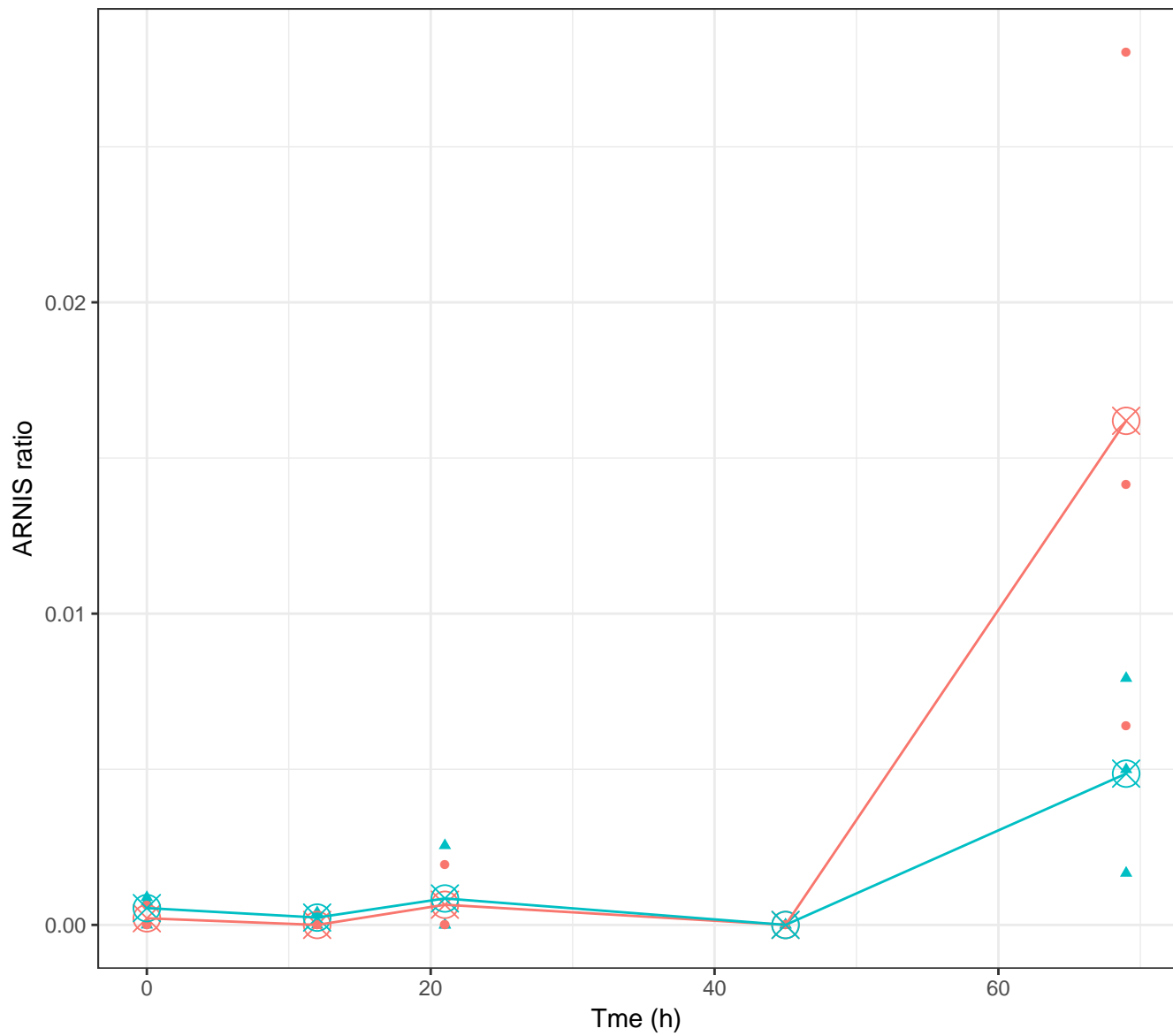
OTU.900_Deltaproteobacteria_Sandaracinaceae

Treatment  Control  Filtered-1micron



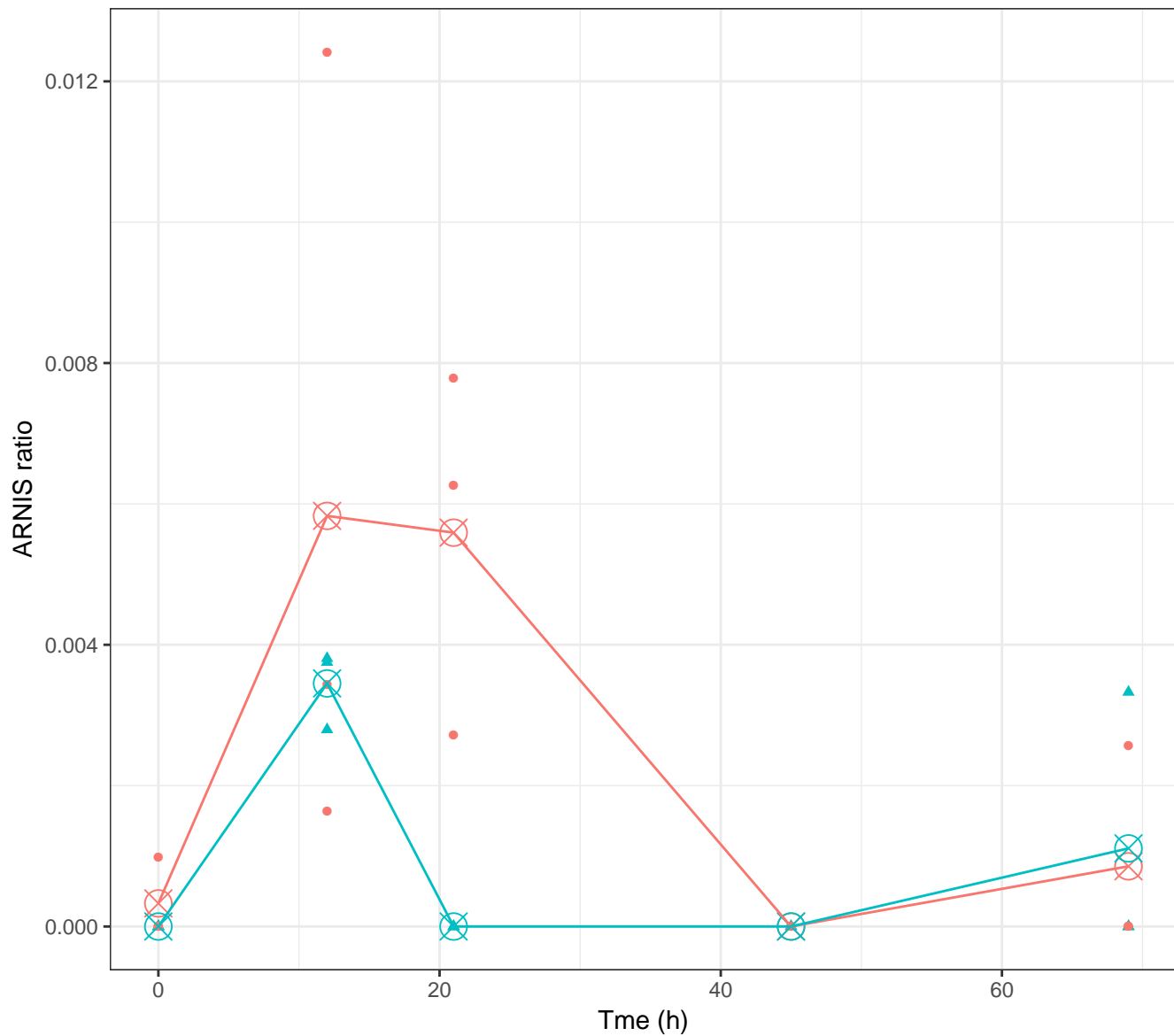
OTU.3060_Verrucomicrobia_FukuN18_freshwater_group

Treatment Control Filtered-1micron



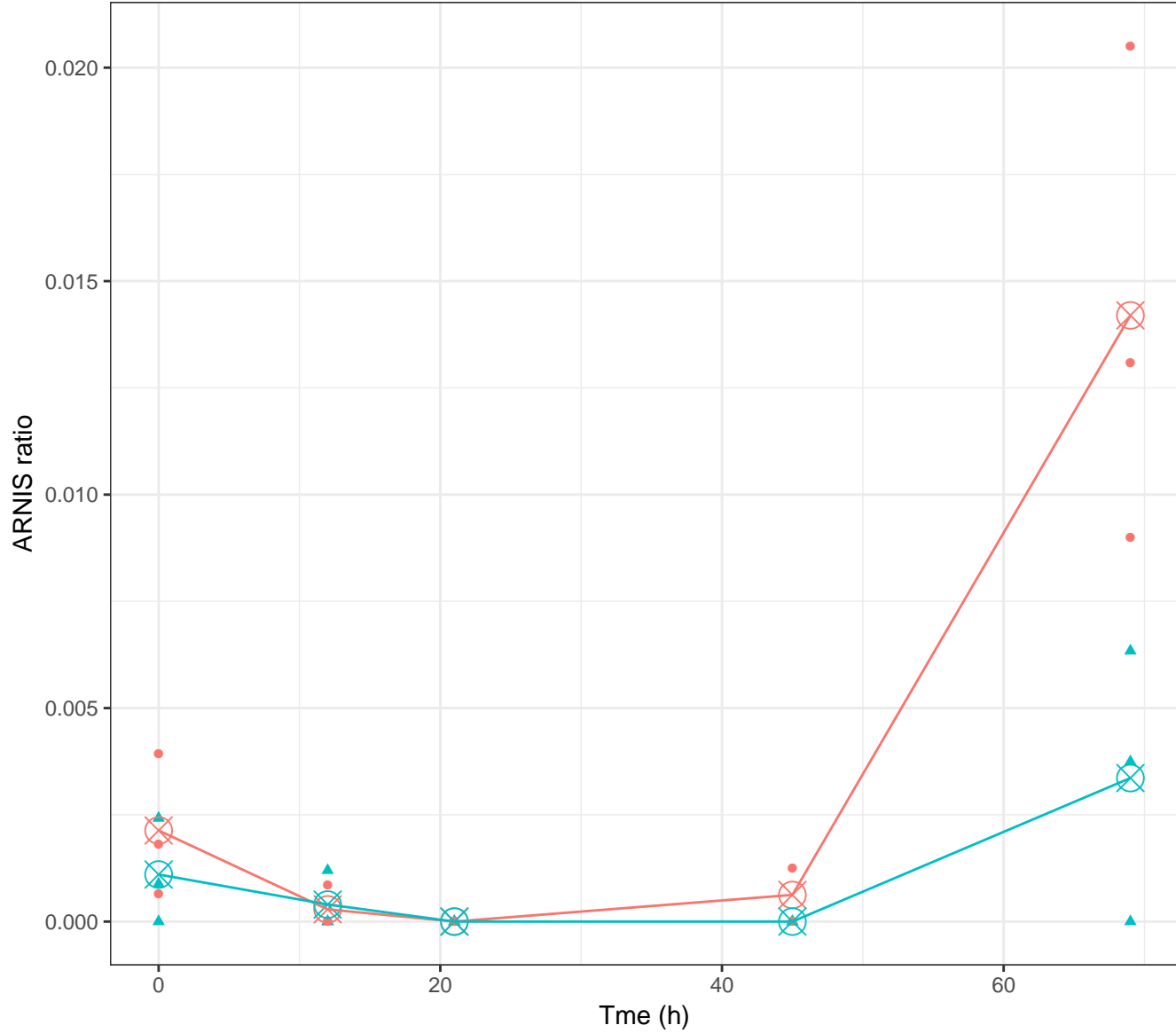
OTU.5172_Alphaproteobacteria_Rhodobacter

Treatment Control Filtered-1micron



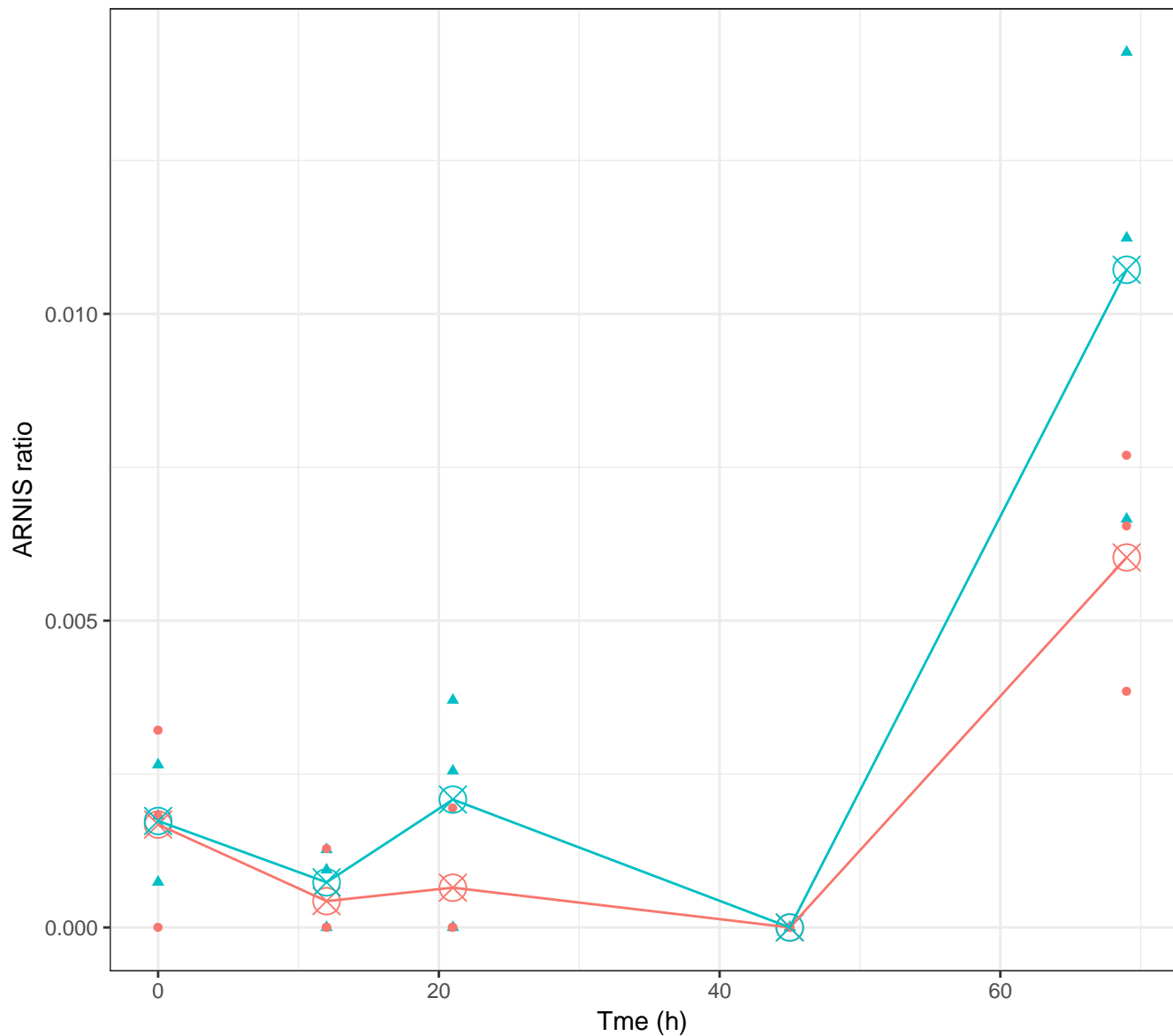
OTU.199_Betaproteobacteria_Aquabacterium

Treatment Control Filtered-1micron



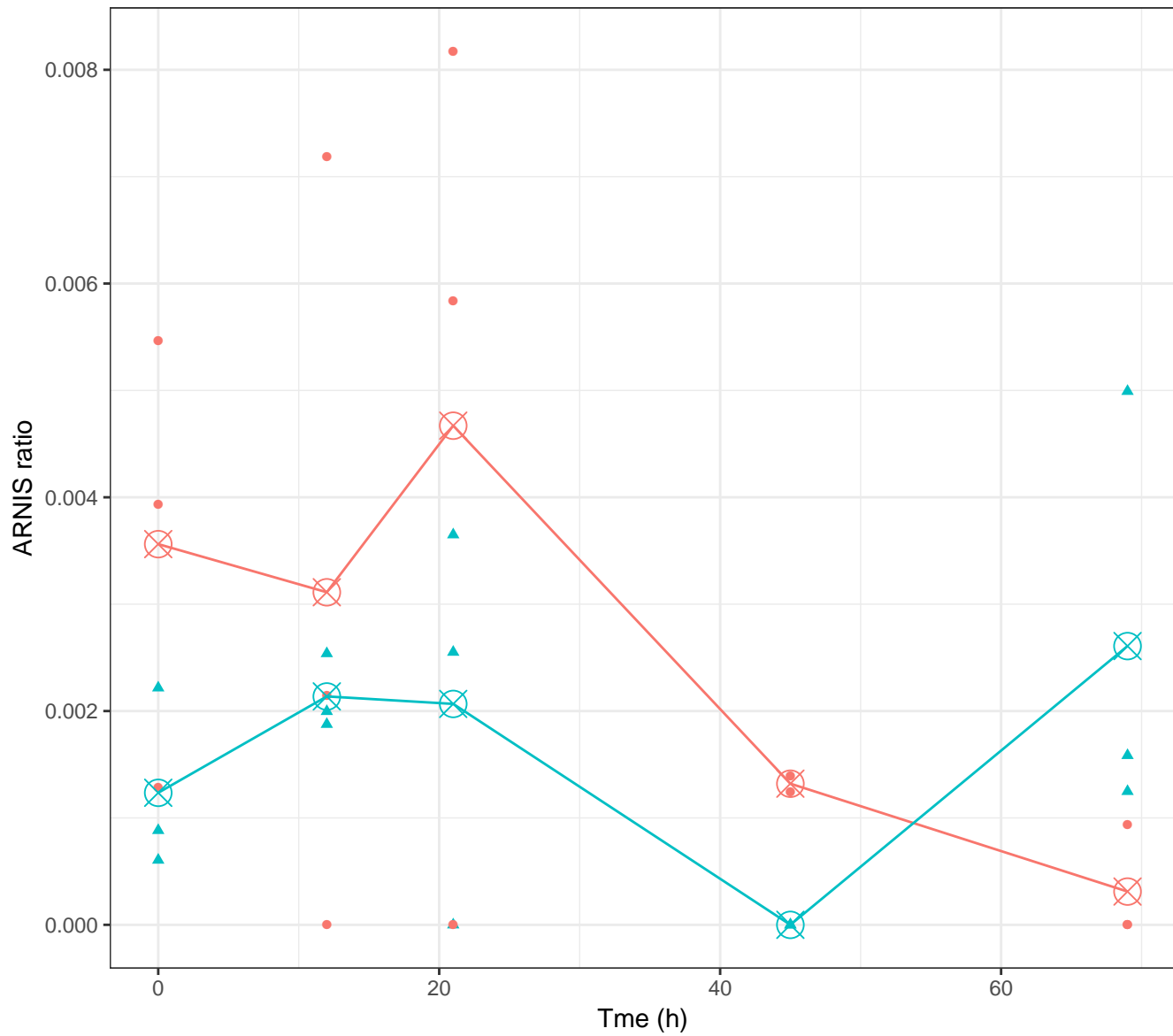
OTU.3756_Actinobacteria_clade_acl.A7

Treatment ⊗ Control ⊗ Filtered-1micron



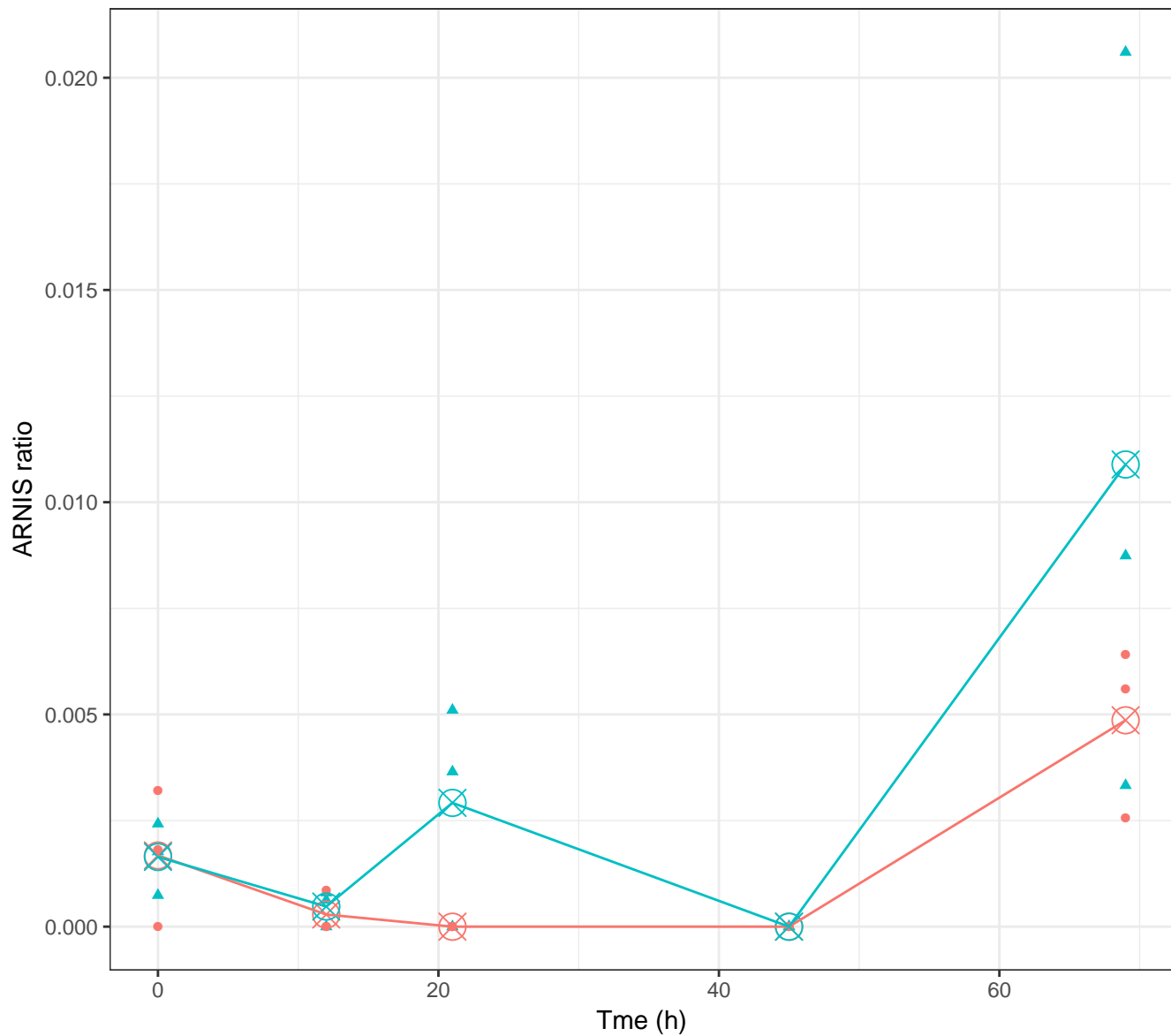
OTU.1498_Alphaproteobacteria_Methylosinus

Treatment Control Filtered-1micron



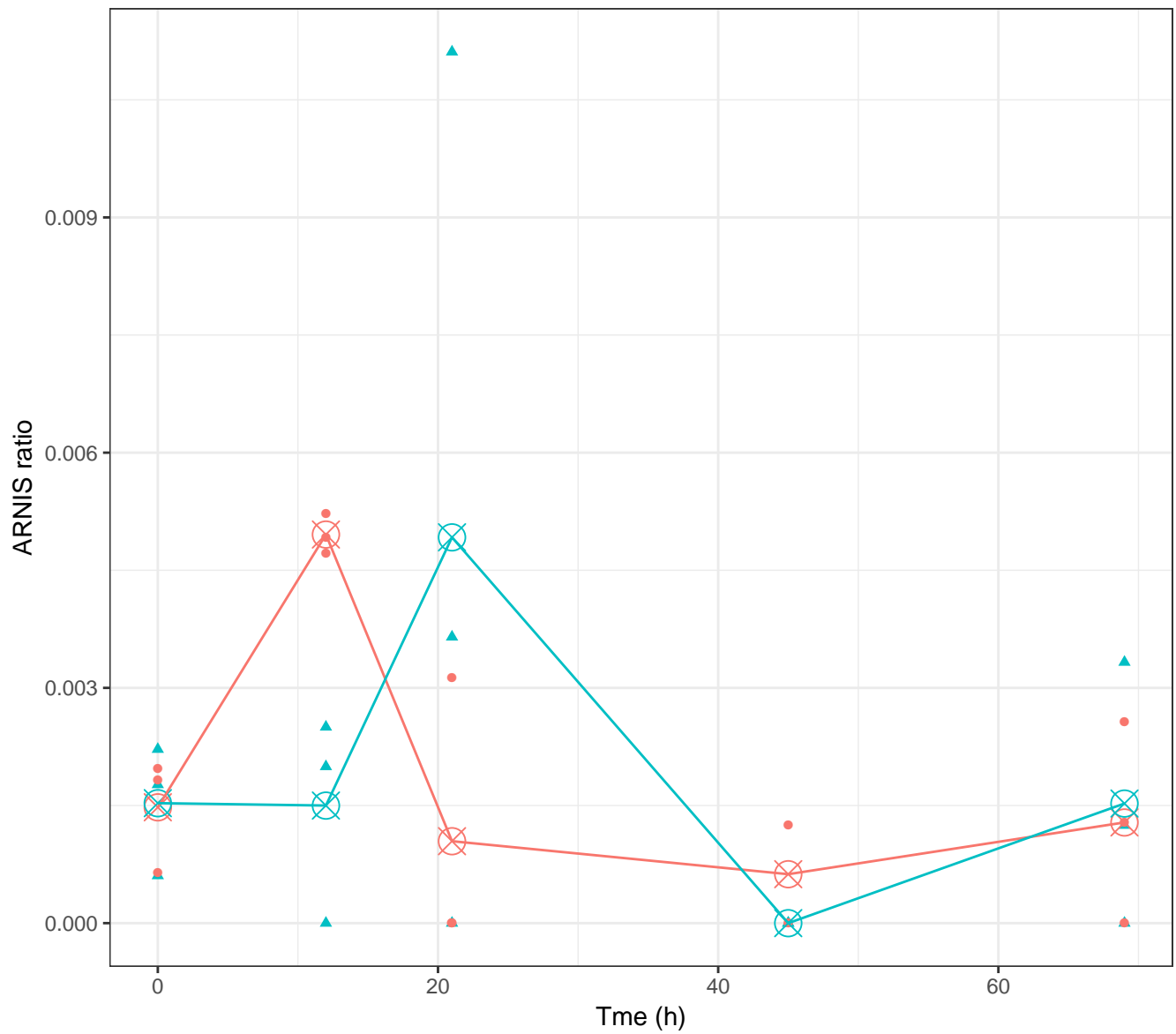
OTU.268_Actinobacteria_clade_acl.A6

Treatment ⊗ Control ⊗ Filtered-1micron



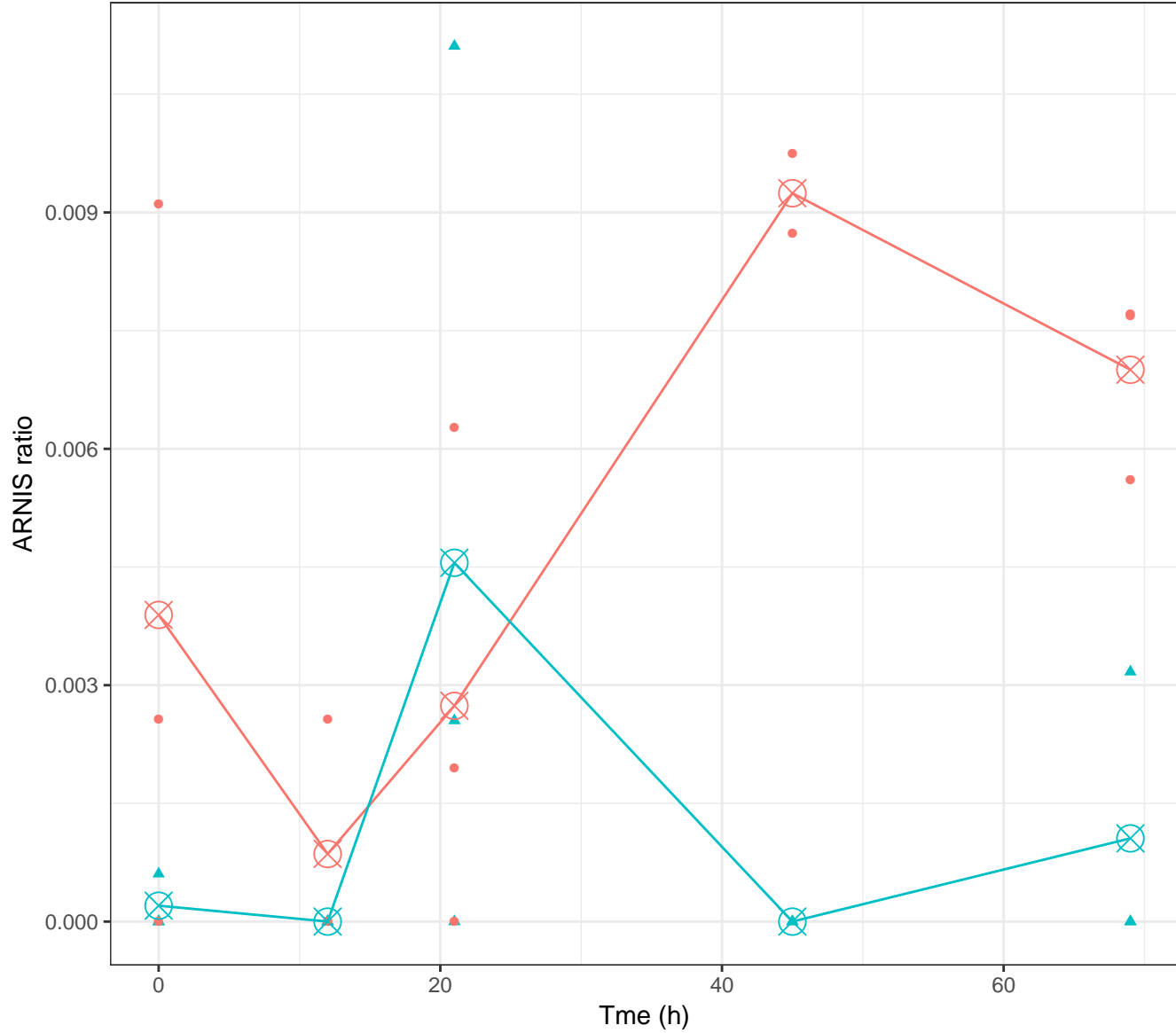
OTU.535_Actinobacteria_Mycobacterium

Treatment ⊗ Control ⊗ Filtered-1micron



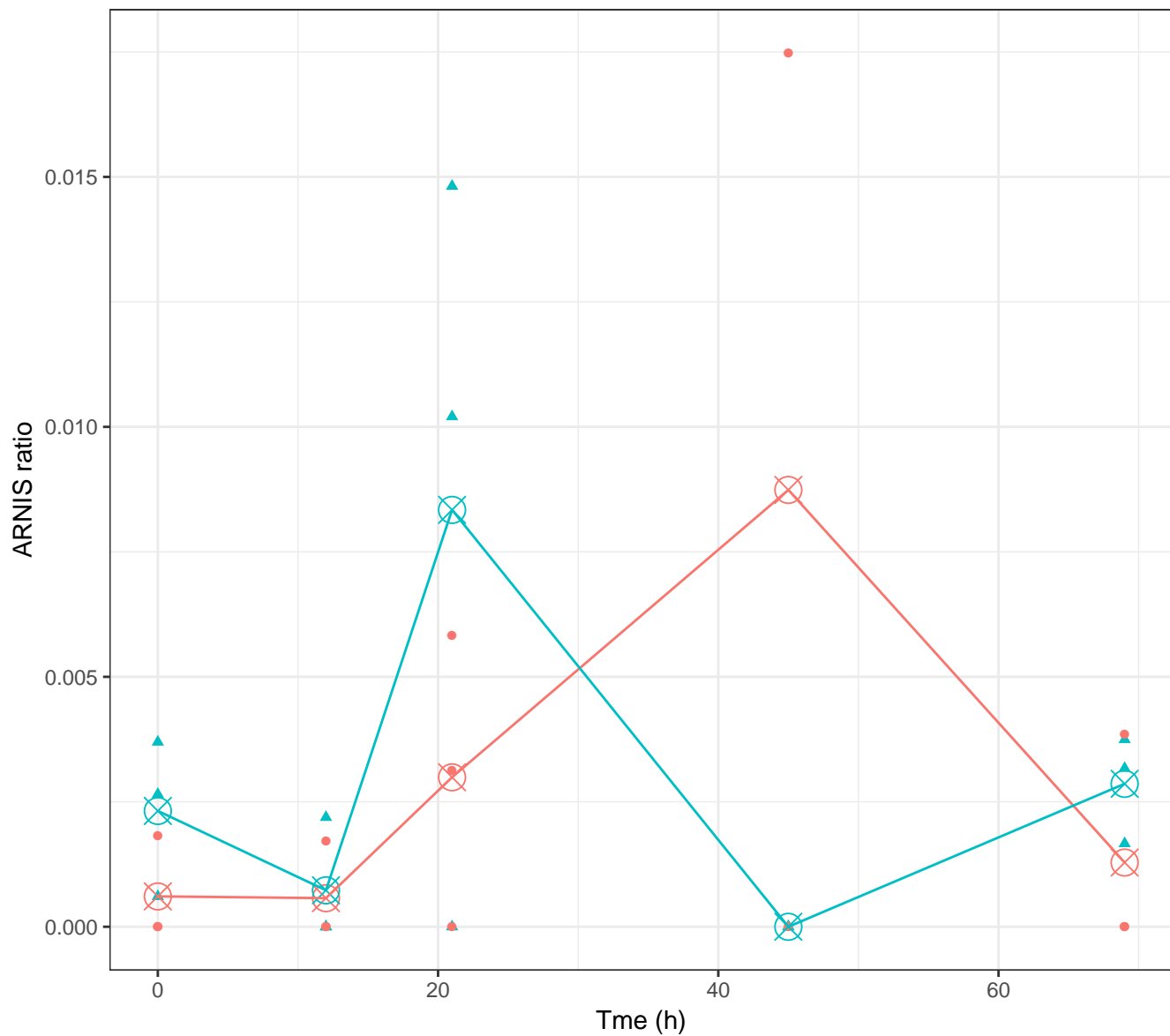
OTU.1577_Bacteroidetes_Chitinophagaceae

Treatment ⊗ Control ⊗ Filtered-1micron



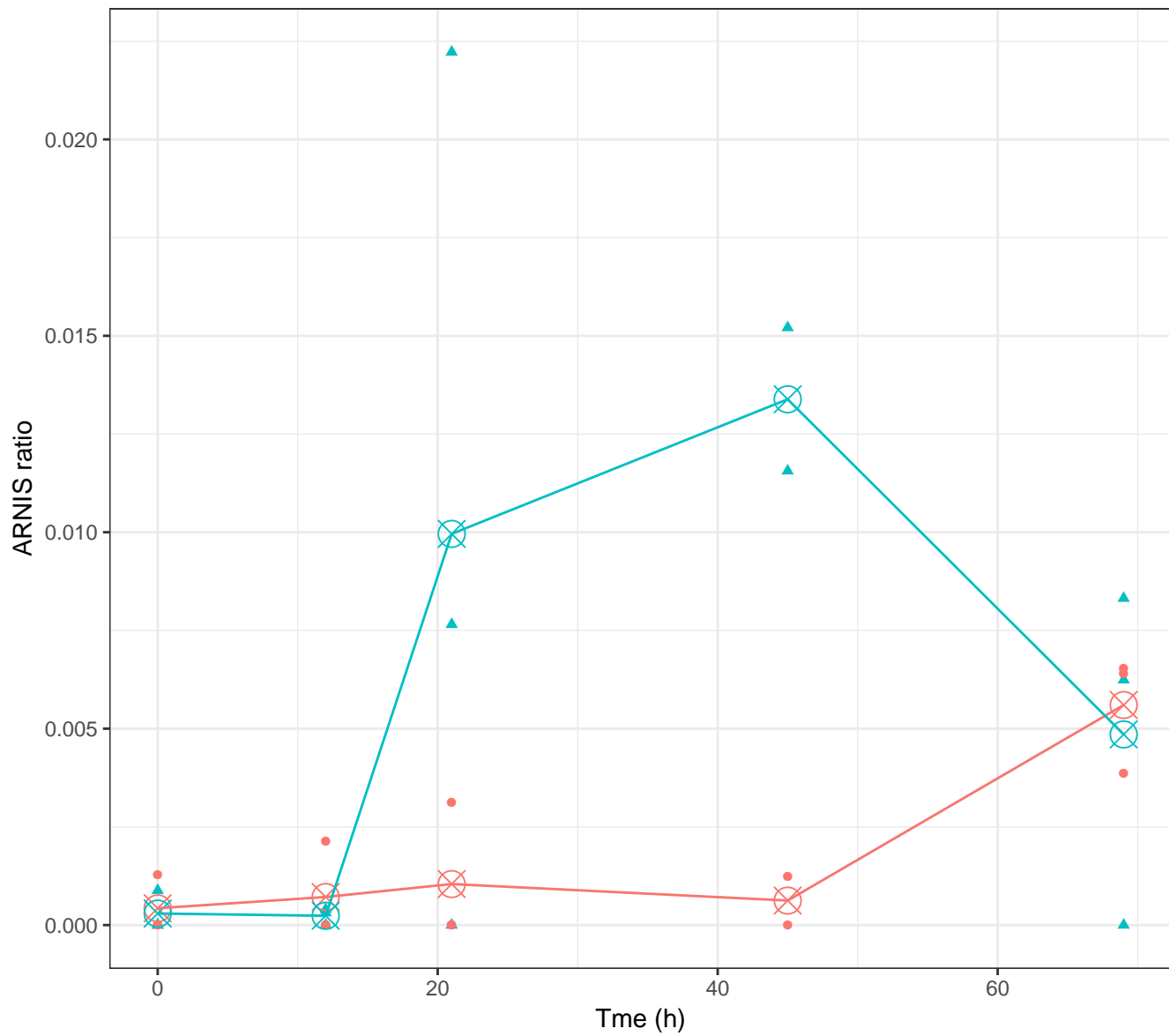


OTU.1168_Chloroflexi

Treatment ⊗ Control ⊗ Filtered-1micron

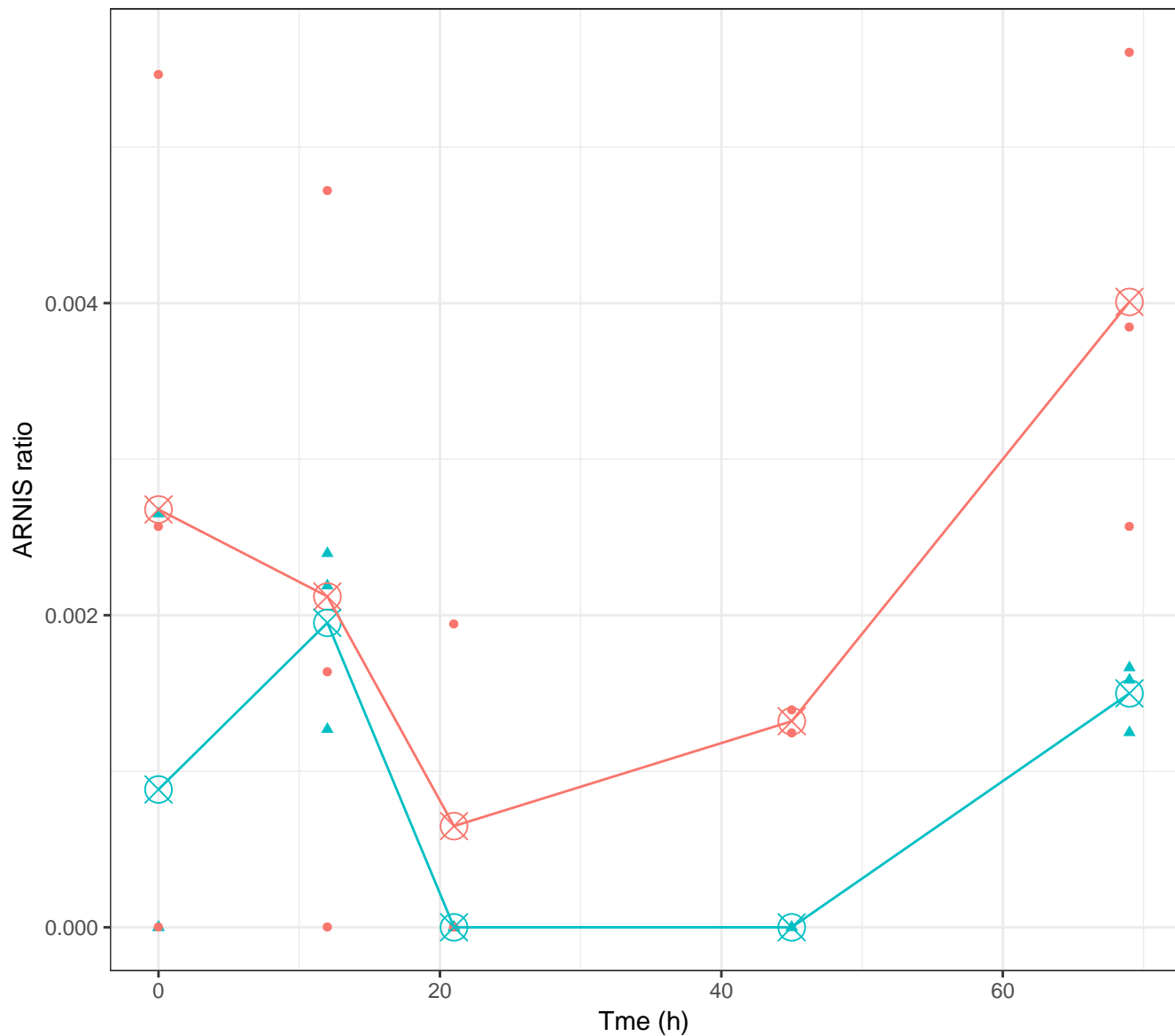


OTU.189_Bacteroidetes_Emticicia

Treatment  Control  Filtered-1micron

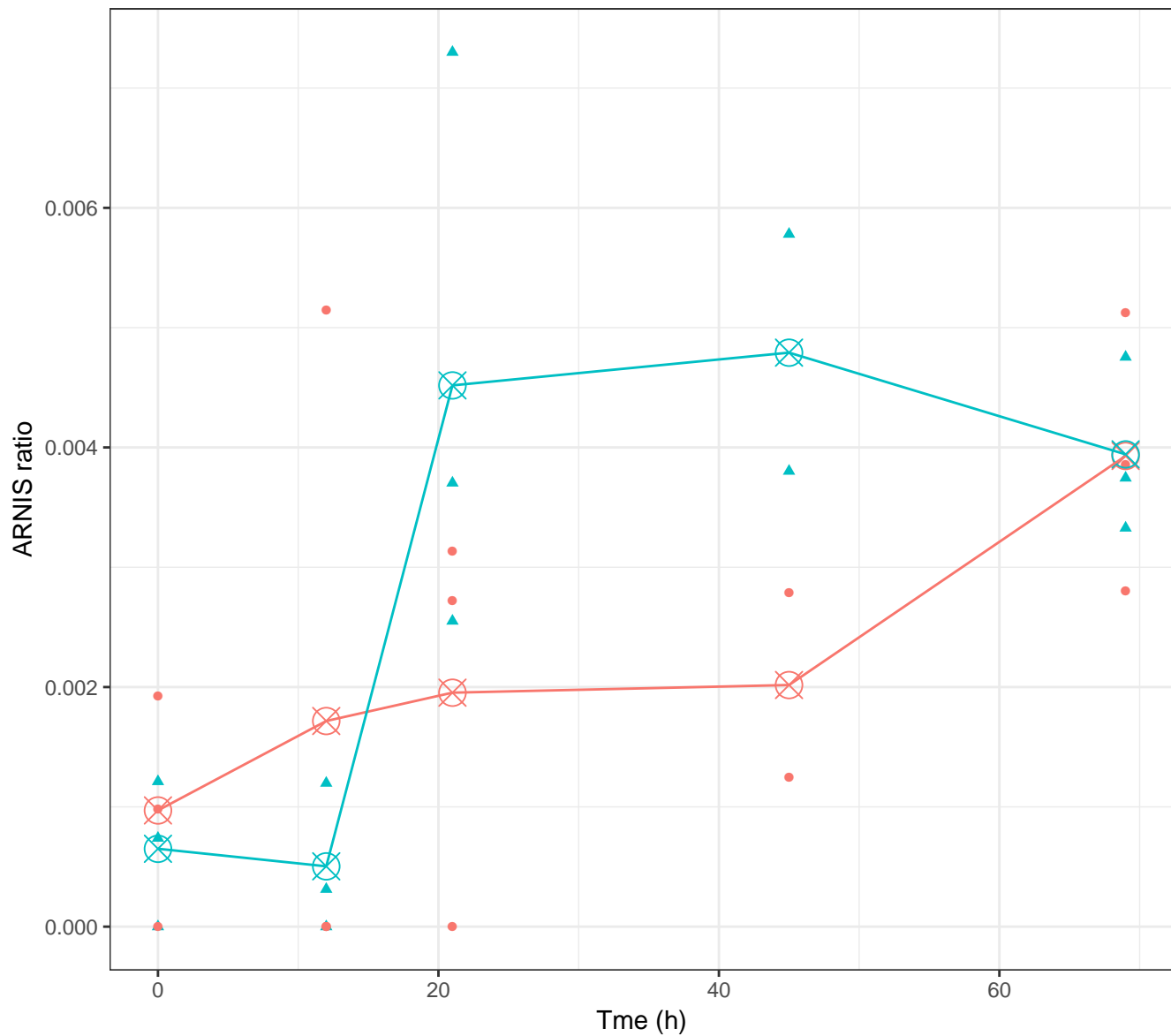
OTU.79_Actinobacteria_CL500.29_marine_group_freshwater_clade_acIV.B

Treatment ⊗ Control ⊗ Filtered-1micron



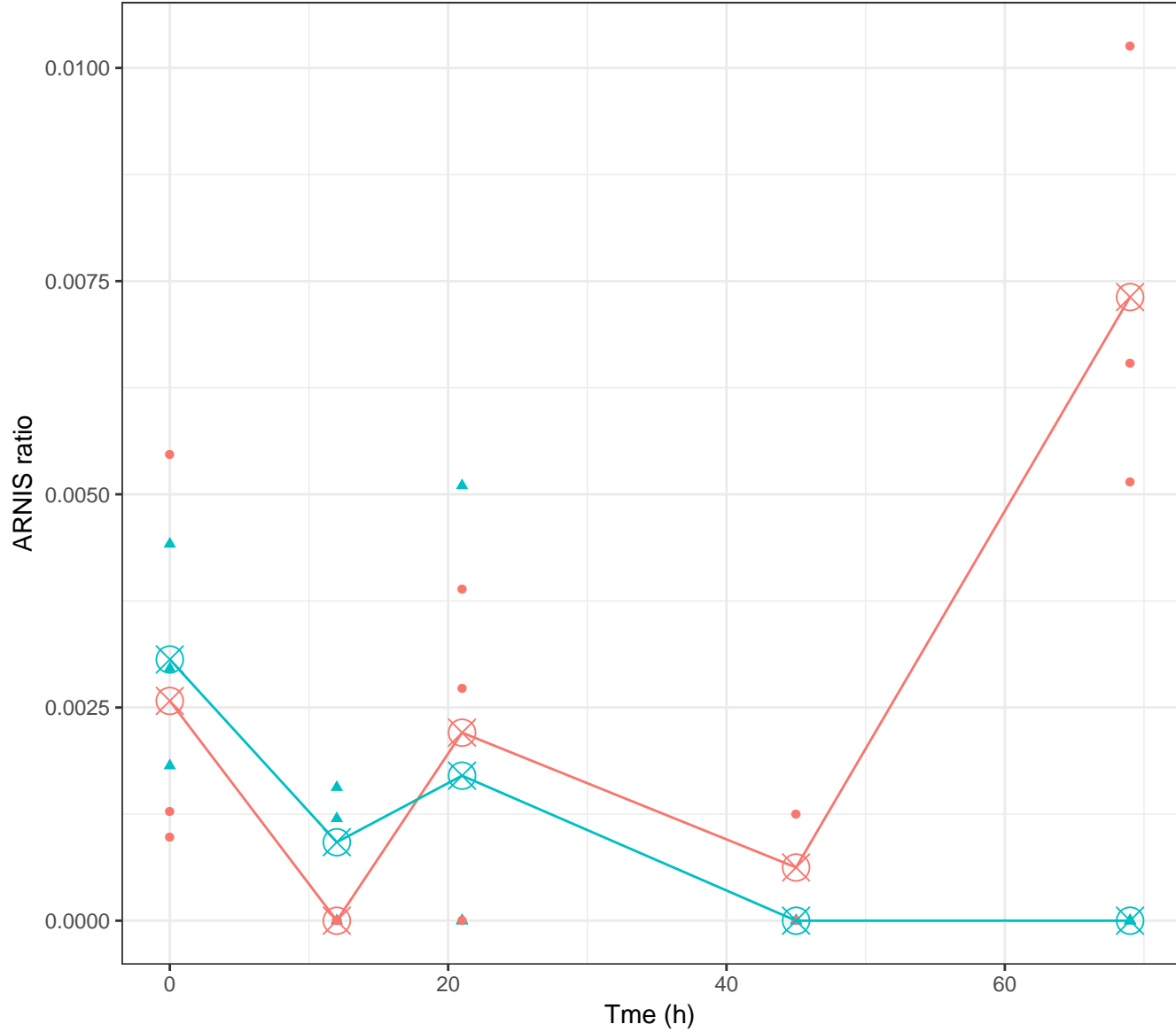
OTU.1059_Armatimonadetes

Treatment ⊗ Control ⊗ Filtered-1micron



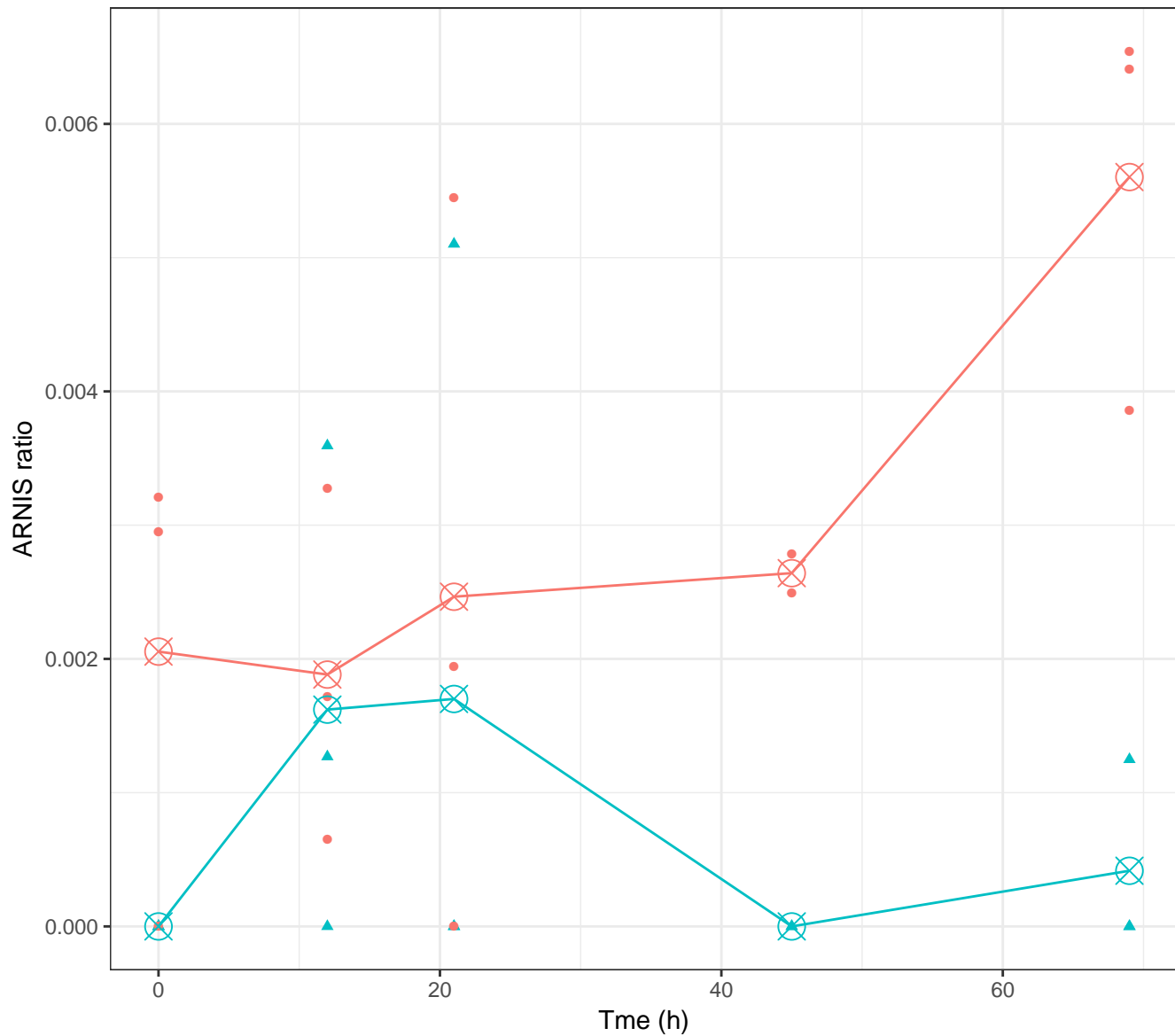
OTU.288_Alphaproteobacteria_Meganema

Treatment ⊗ Control ⊗ Filtered-1micron



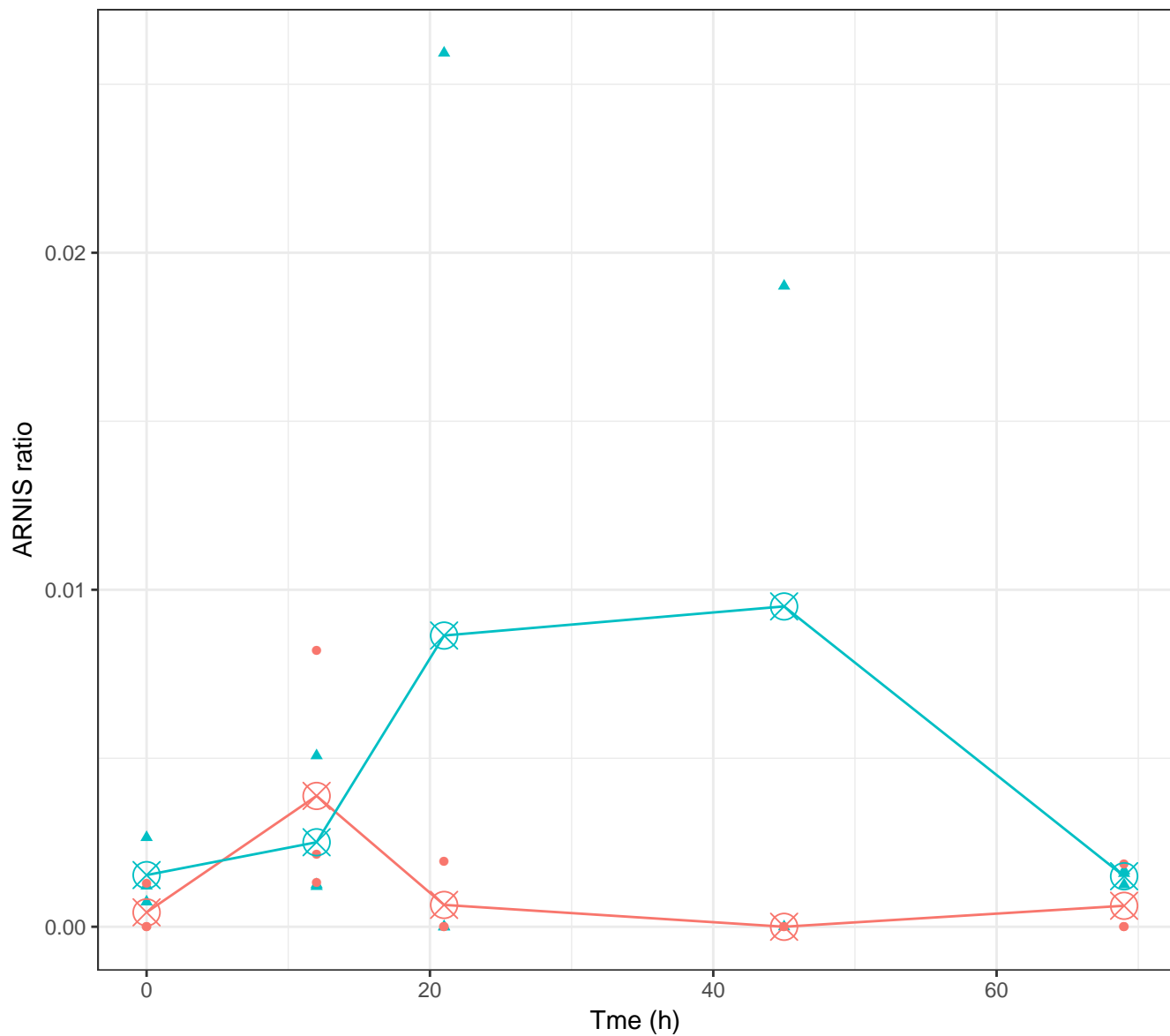
OTU.144_Bacteroidetes_Sphingobacteriia_LiUU.11.161

Treatment Control Filtered-1micron



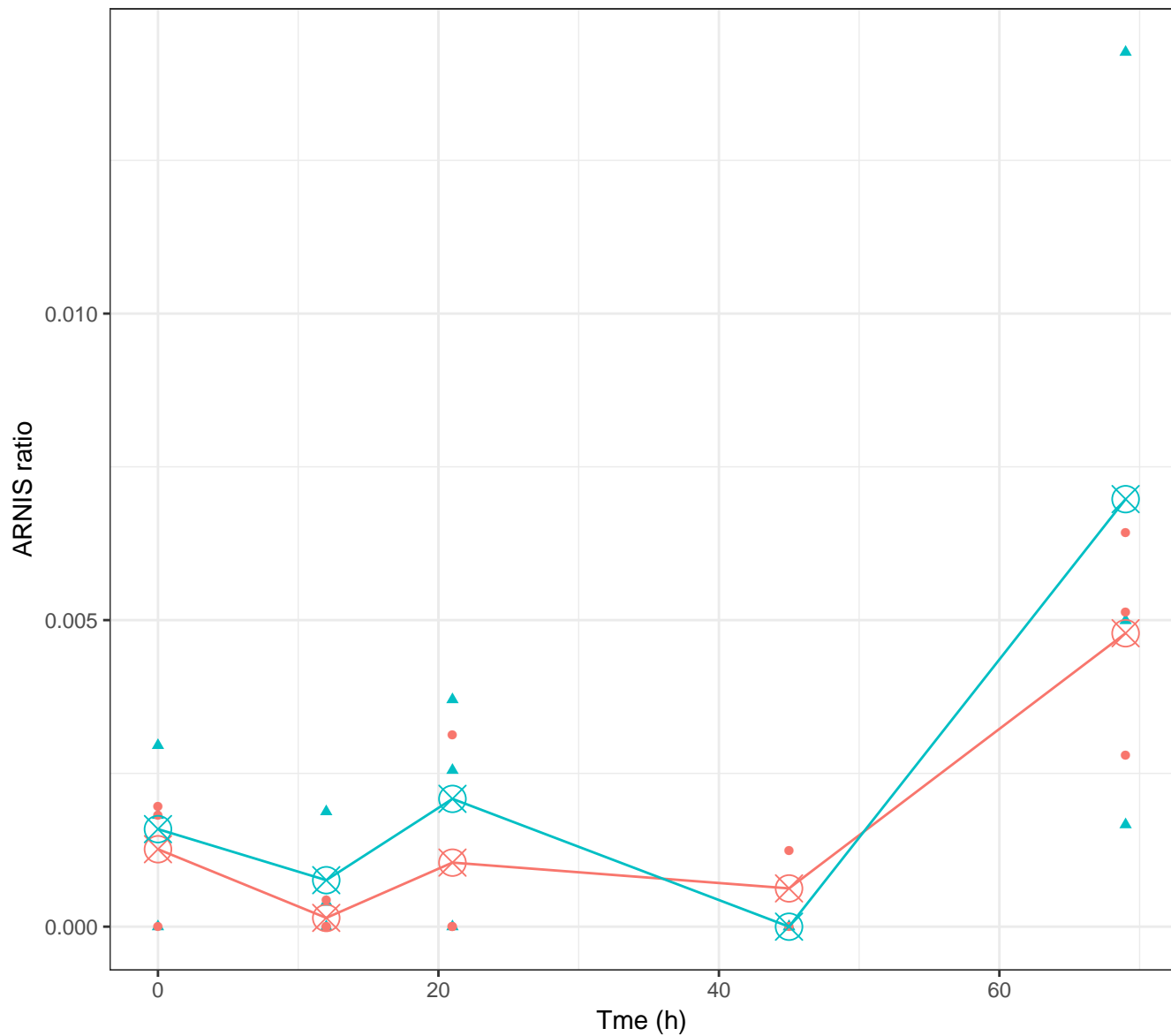
OTU.3698_Actinobacteria_clade_acl.A1

Treatment Control Filtered-1micron



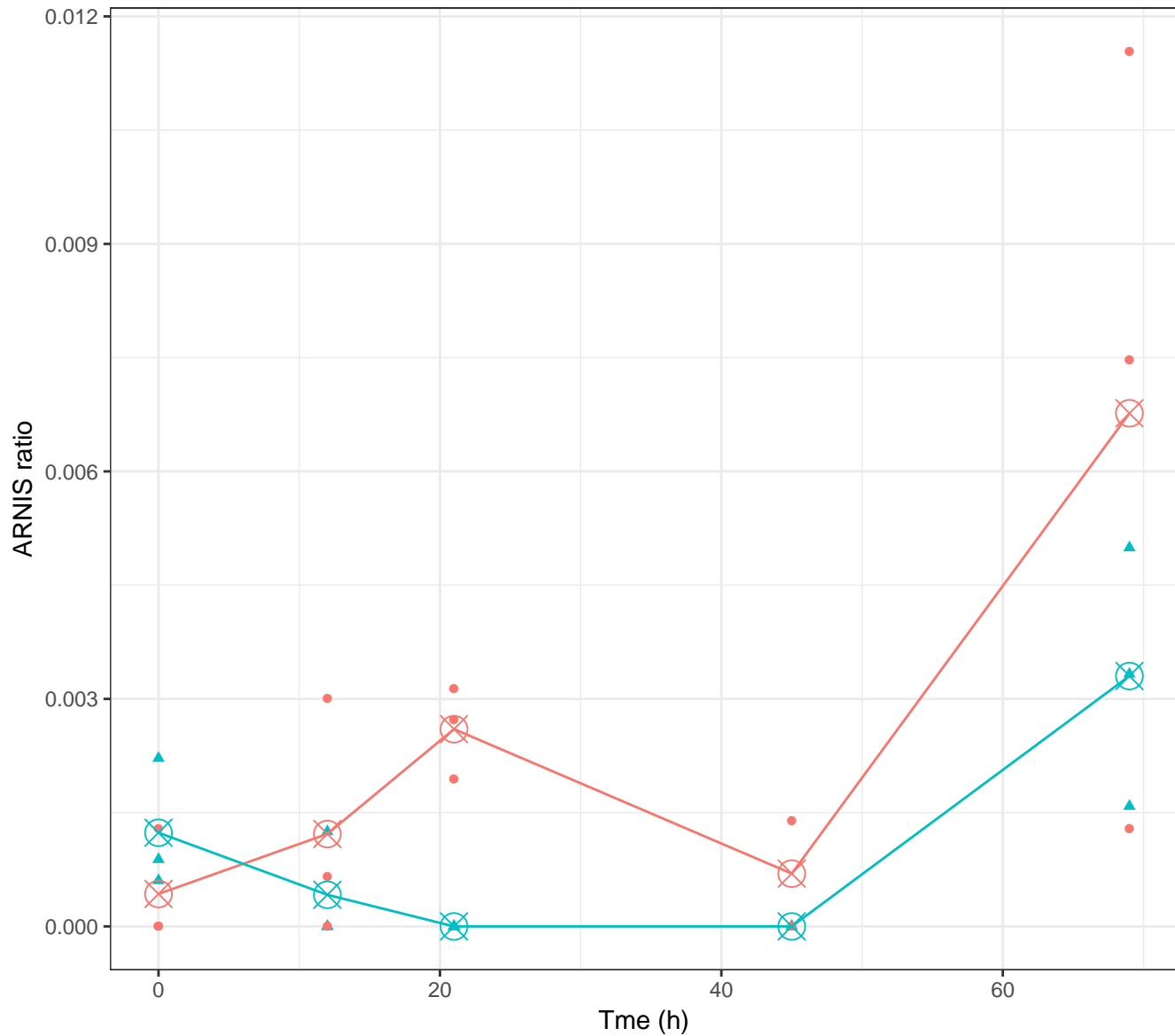
OTU.305_Actinobacteria_clade_acl.B2.4

Treatment Control Filtered-1micron



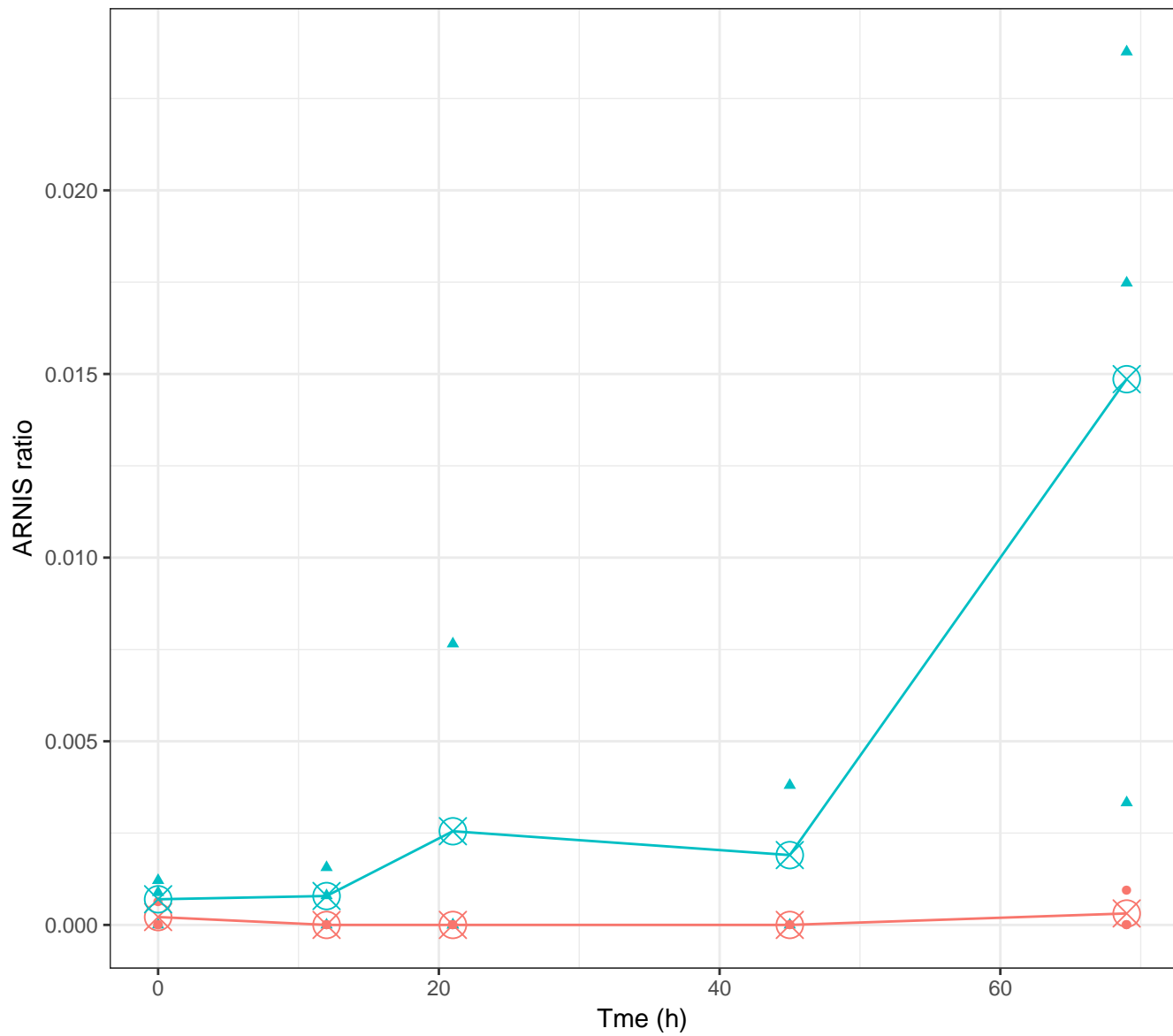
OTU.978_Alphaproteobacteria_Novosphingobium

Treatment ⊗ Control ⊗ Filtered-1micron



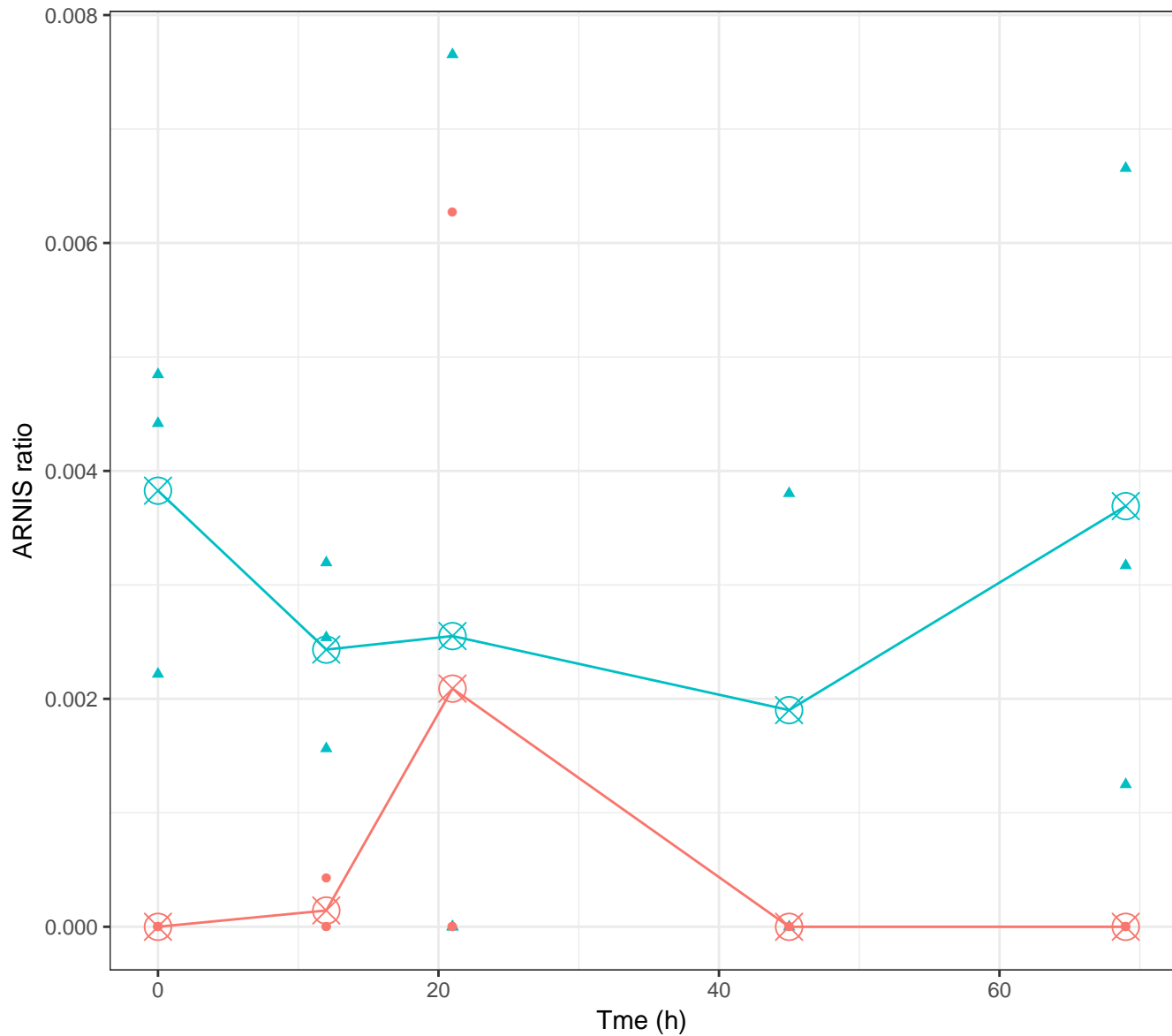
OTU.2951_Betaproteobacteria_Variovorax

Treatment Control Filtered-1micron



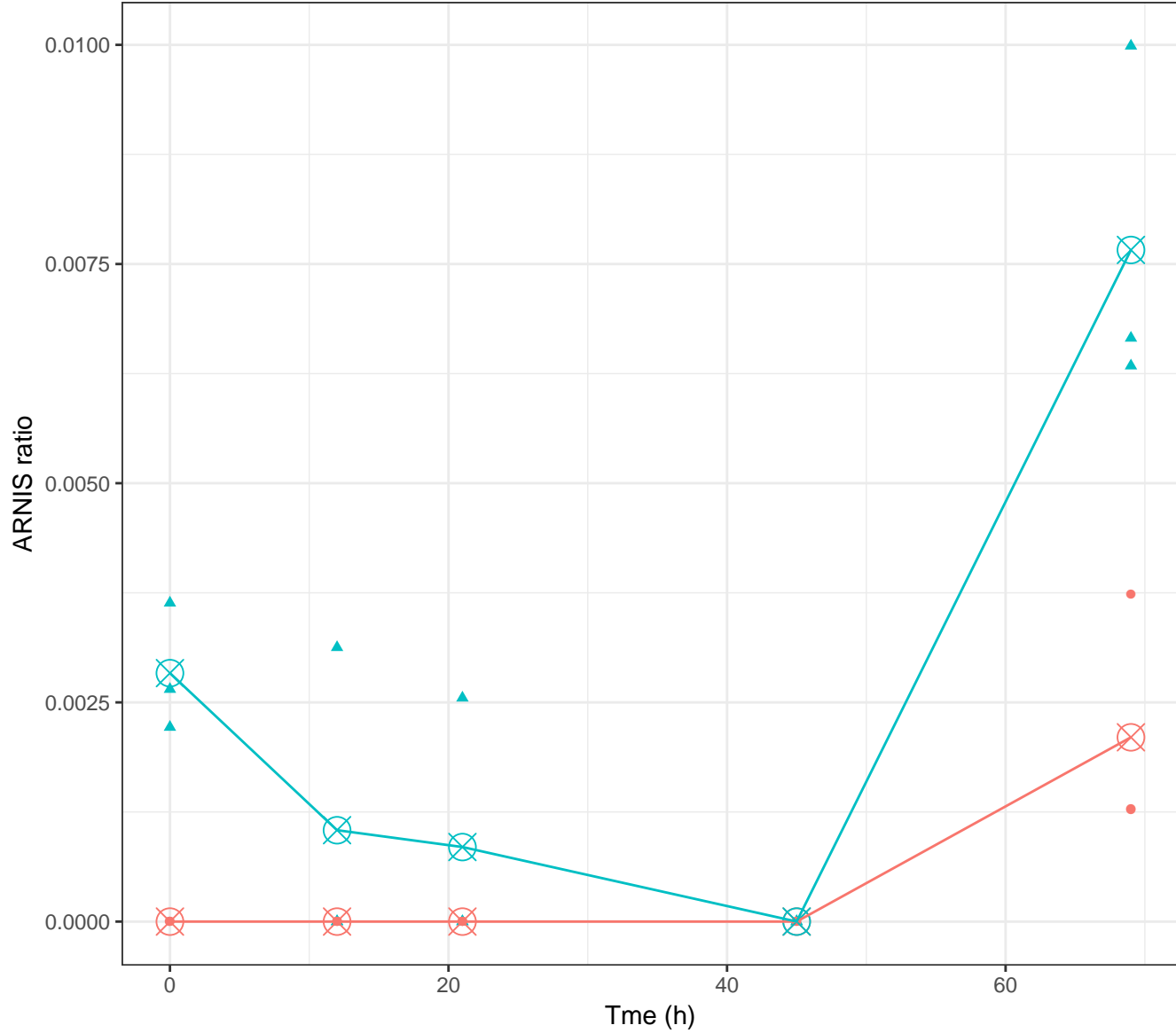


OTU.2639_Betaproteobacteria_Polynucleobacter



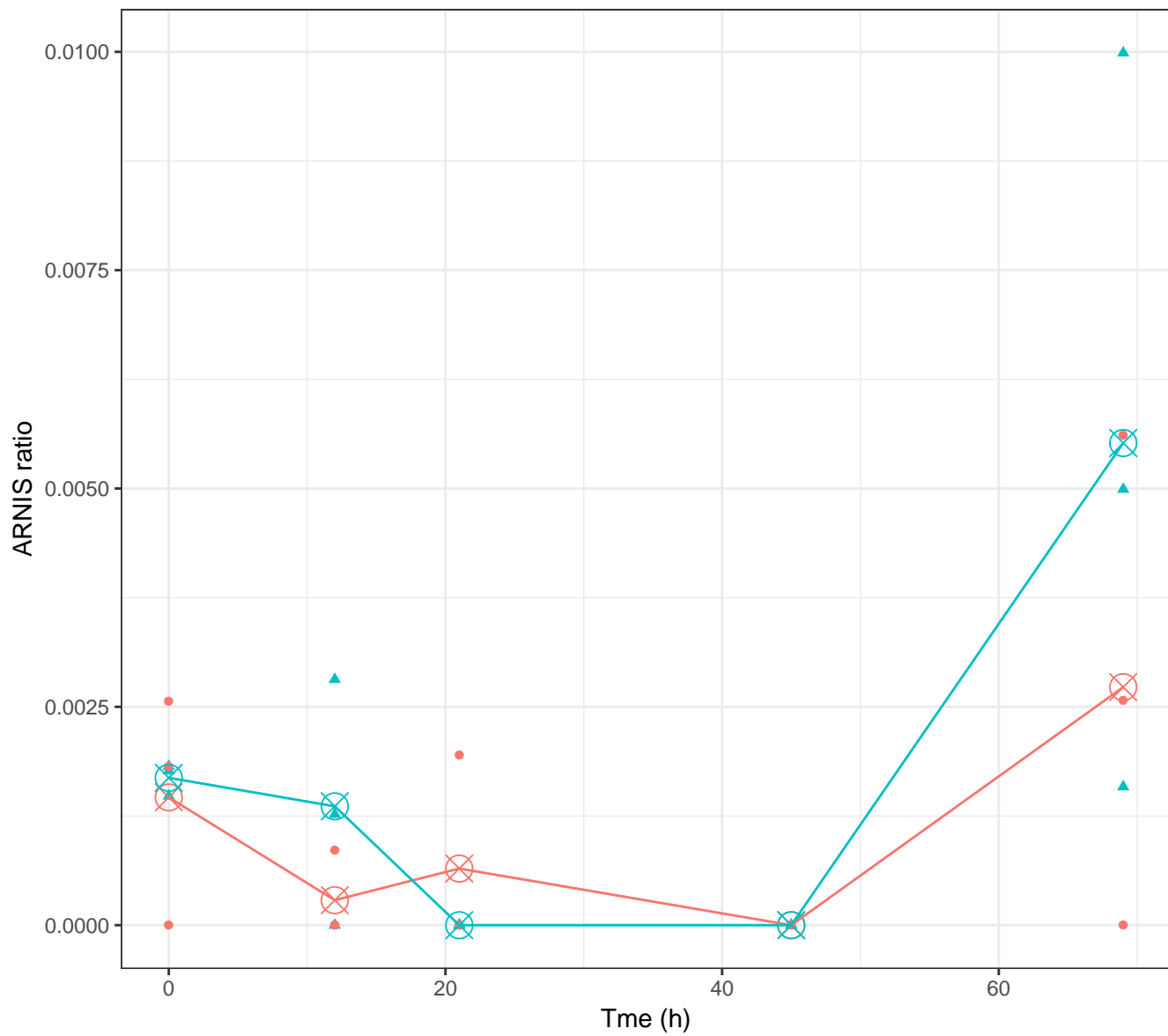
Treatment ⊗ Control ⊗ Filtered-1micron



OTU.591_Betaproteobacteria_Methylopumilus_planktonicus_LD28

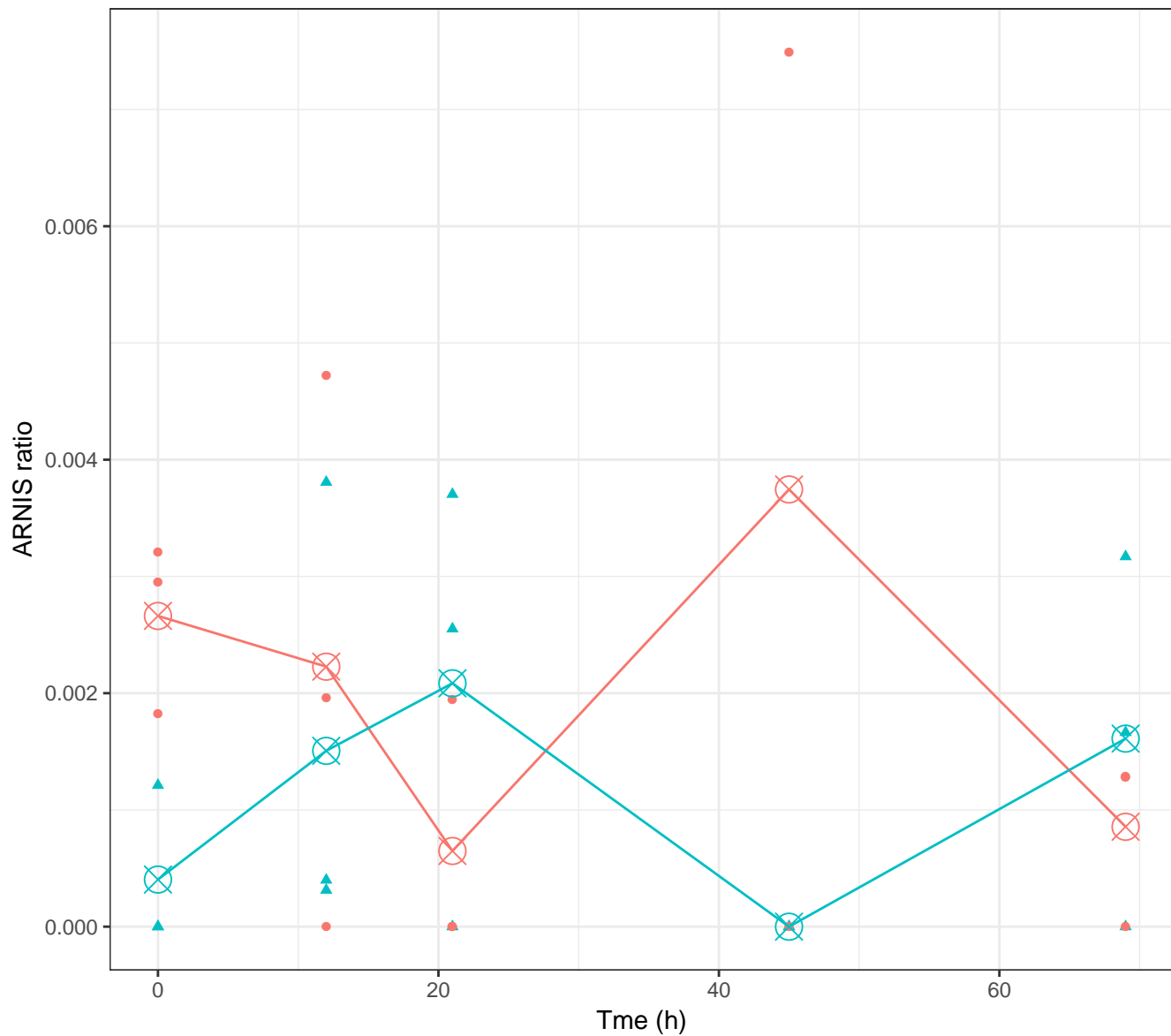
Treatment  Control  Filtered-1micron

OTU.755_Actinobacteria_clade_acVII

Treatment  Control  Filtered-1micron

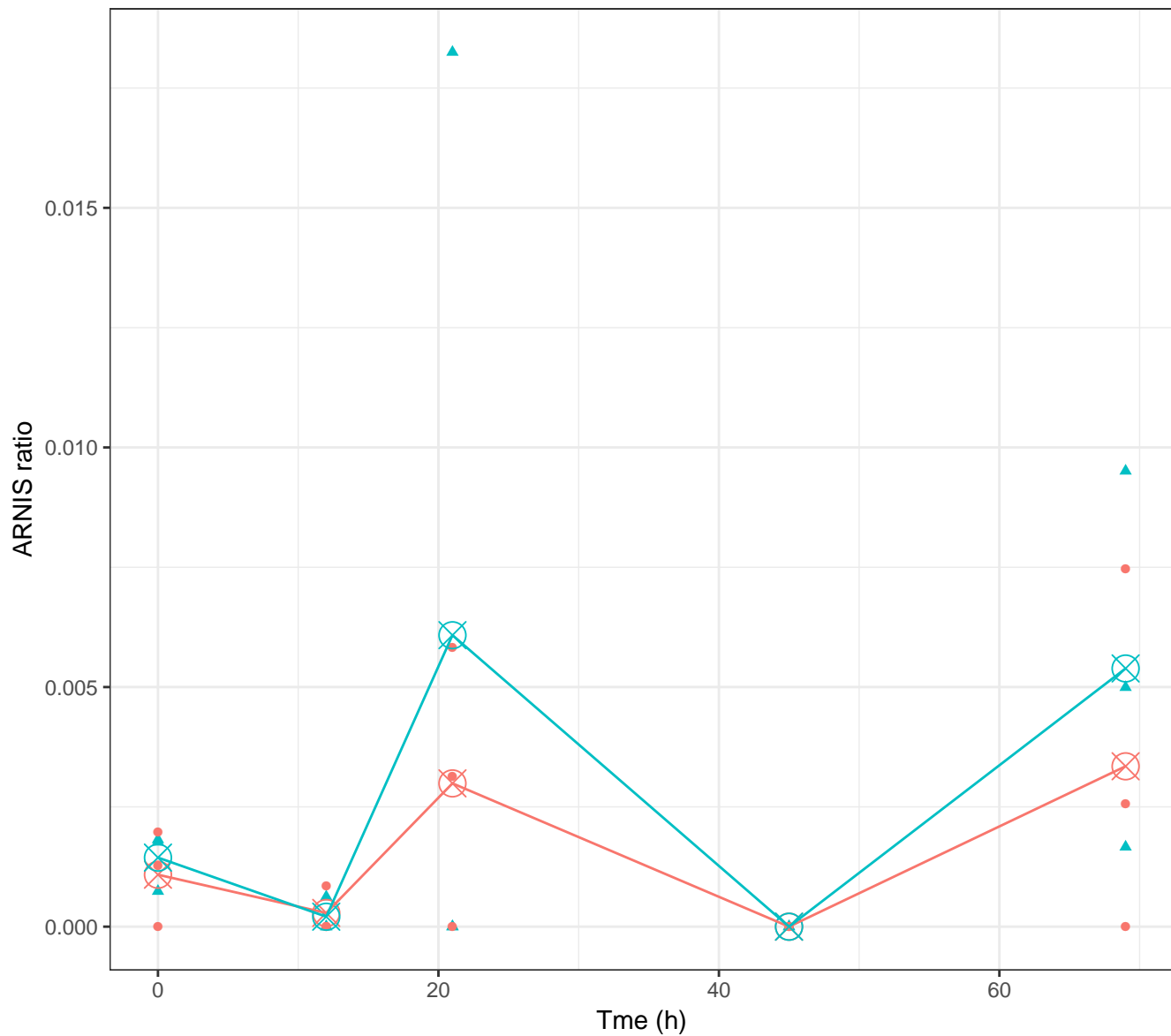
OTU.279_Actinobacteria_Gaiellales

Treatment ⊗ Control ⊗ Filtered-1micron



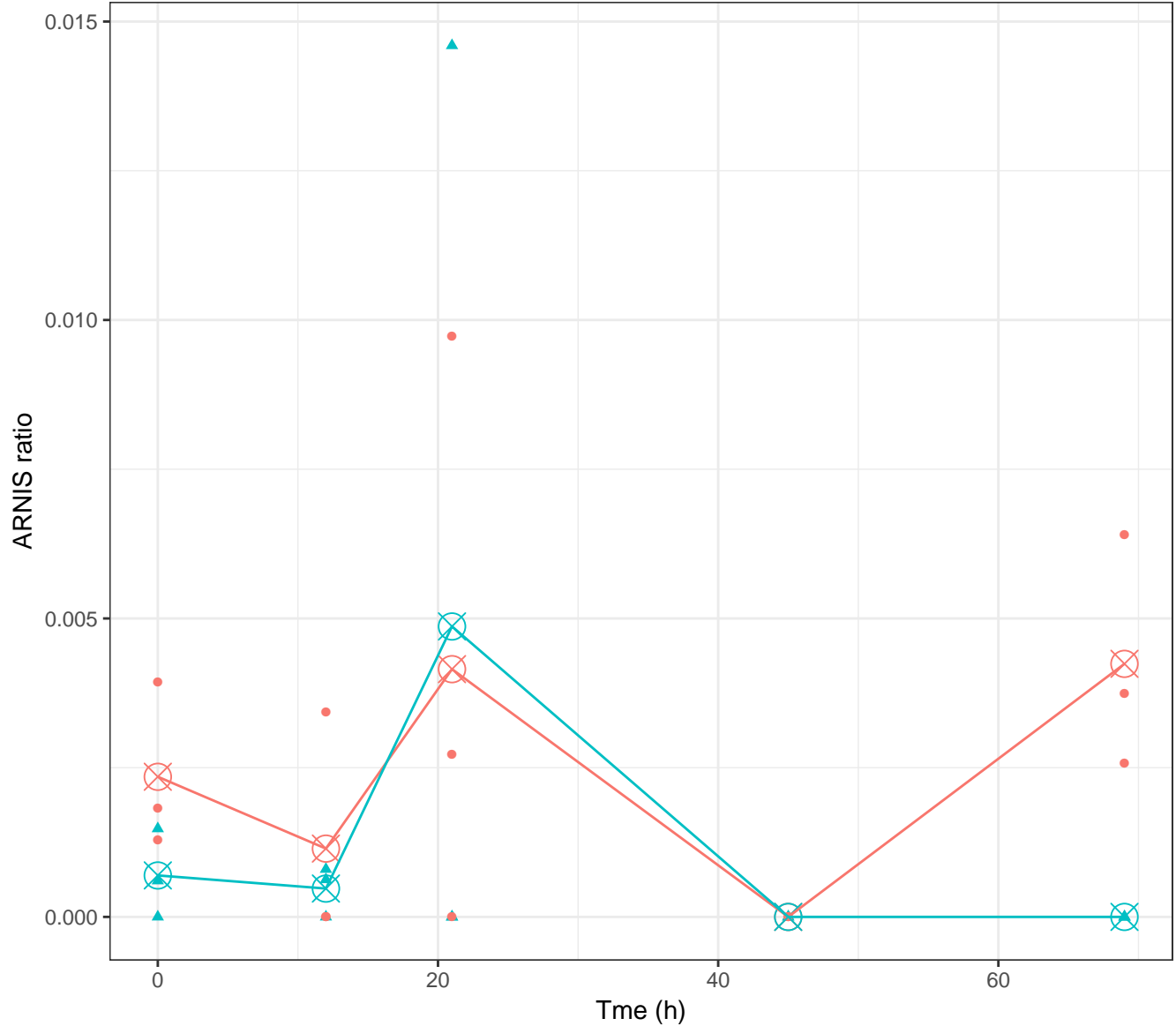
OTU.4445_Actinobacteria_Microcella

Treatment ⊗ Control ⊗ Filtered-1micron



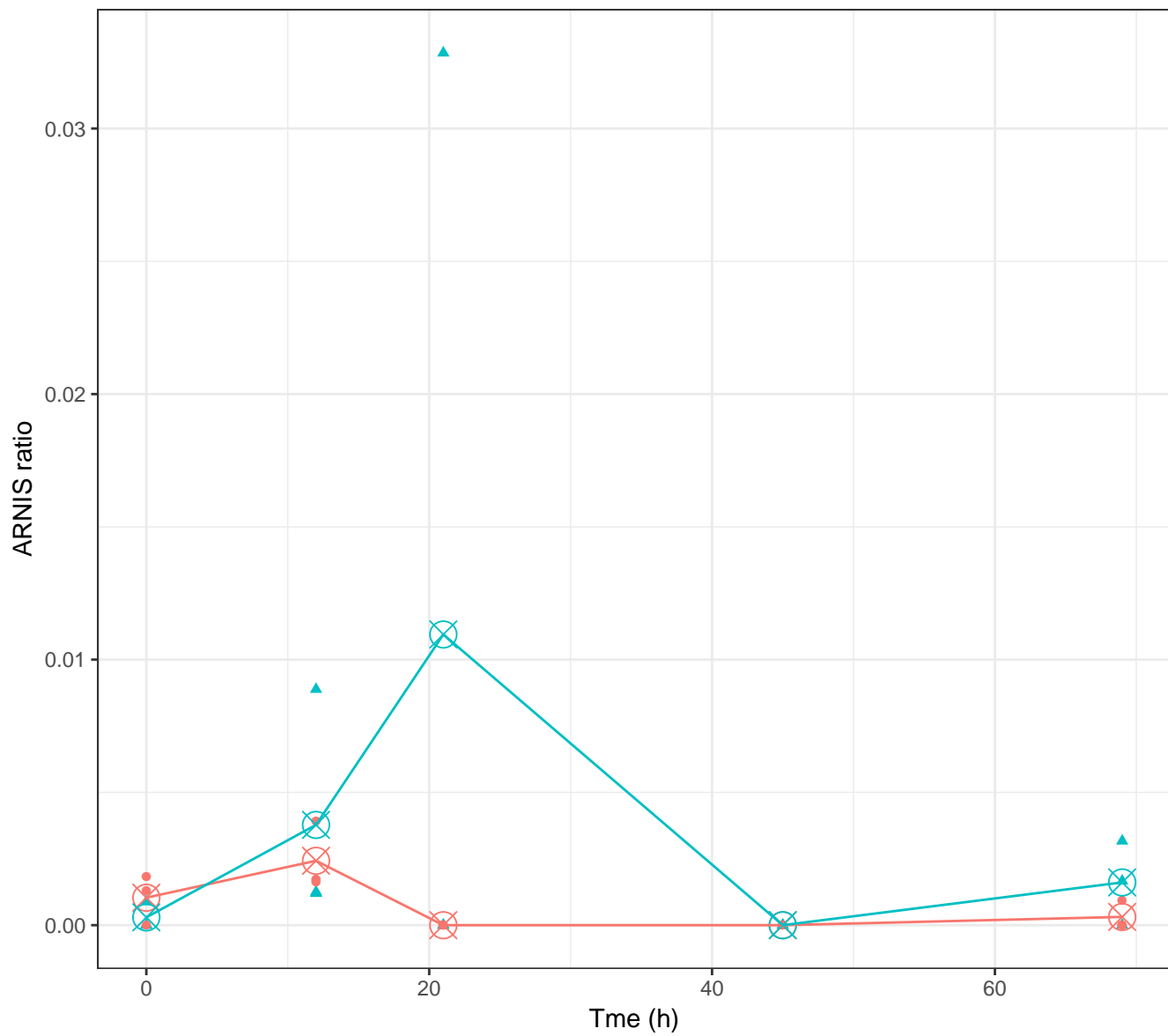
OTU.1897_Alphaproteobacteria_Rhodobacter

Treatment Control Filtered-1micron



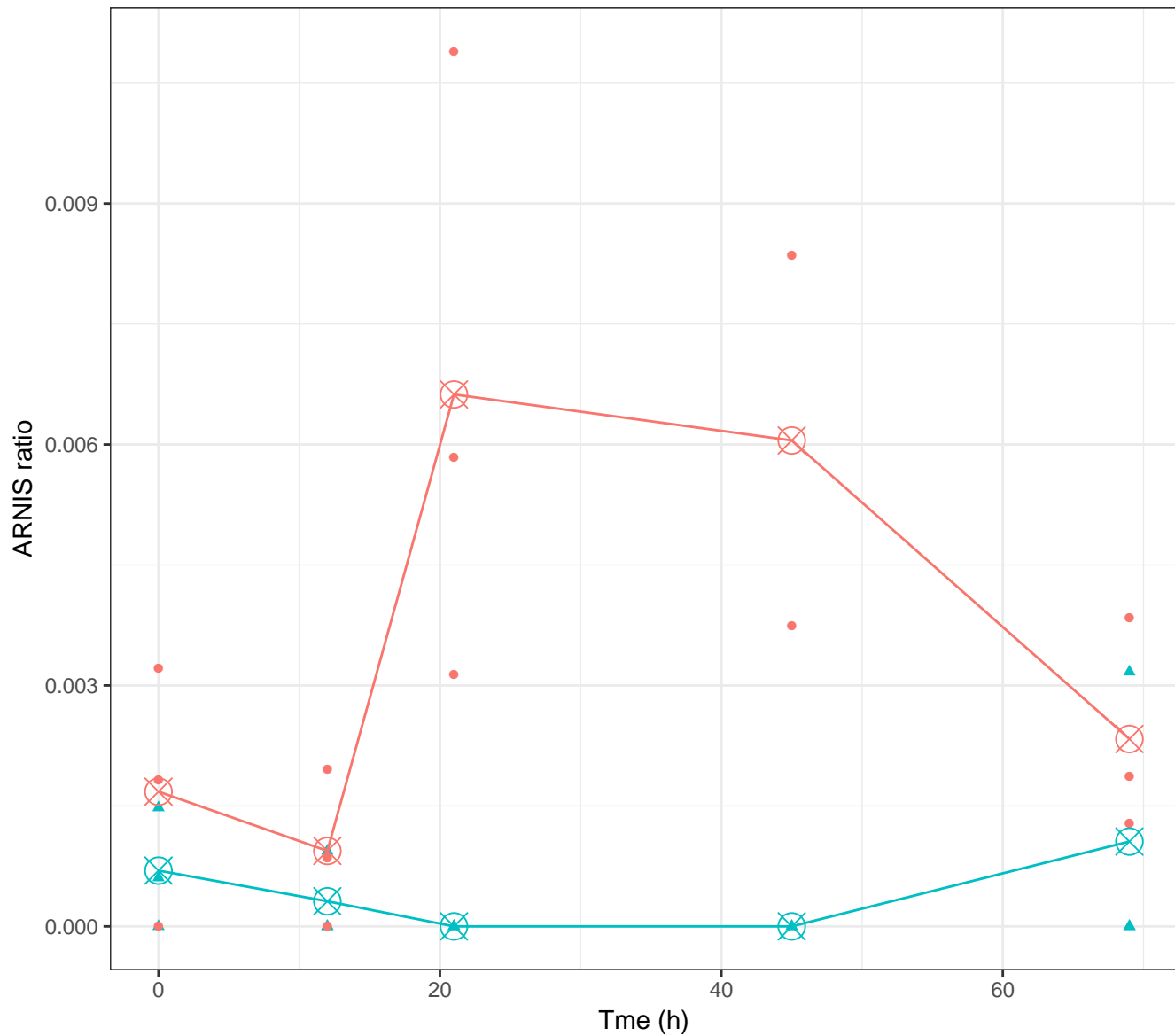
OTU.80_Actinobacteria_Acidimicrobiales

Treatment Control Filtered-1micron



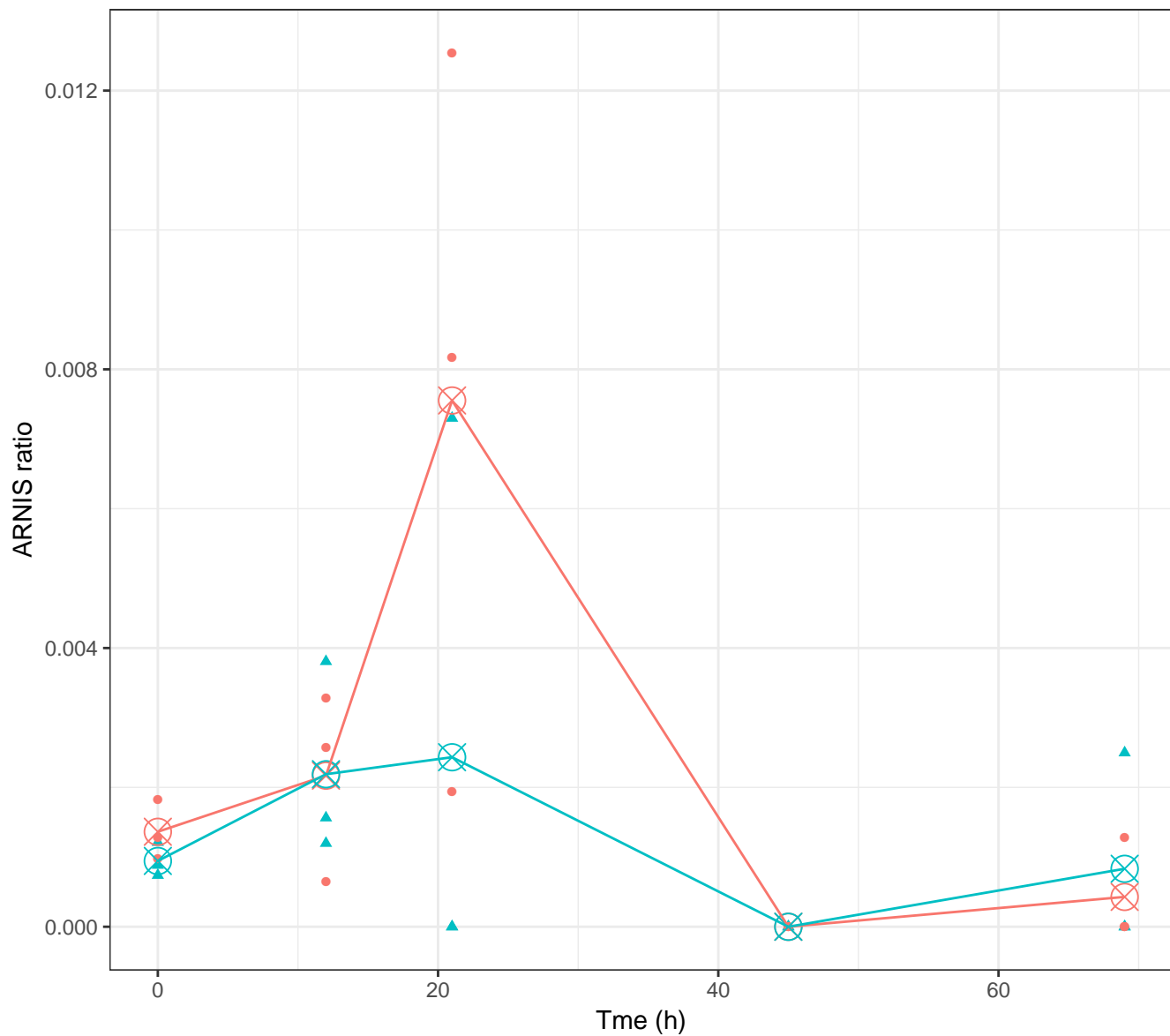
OTU.1289_Bacteroidetes_Saprospiraceae

Treatment ⊗ Control ⊗ Filtered-1micron



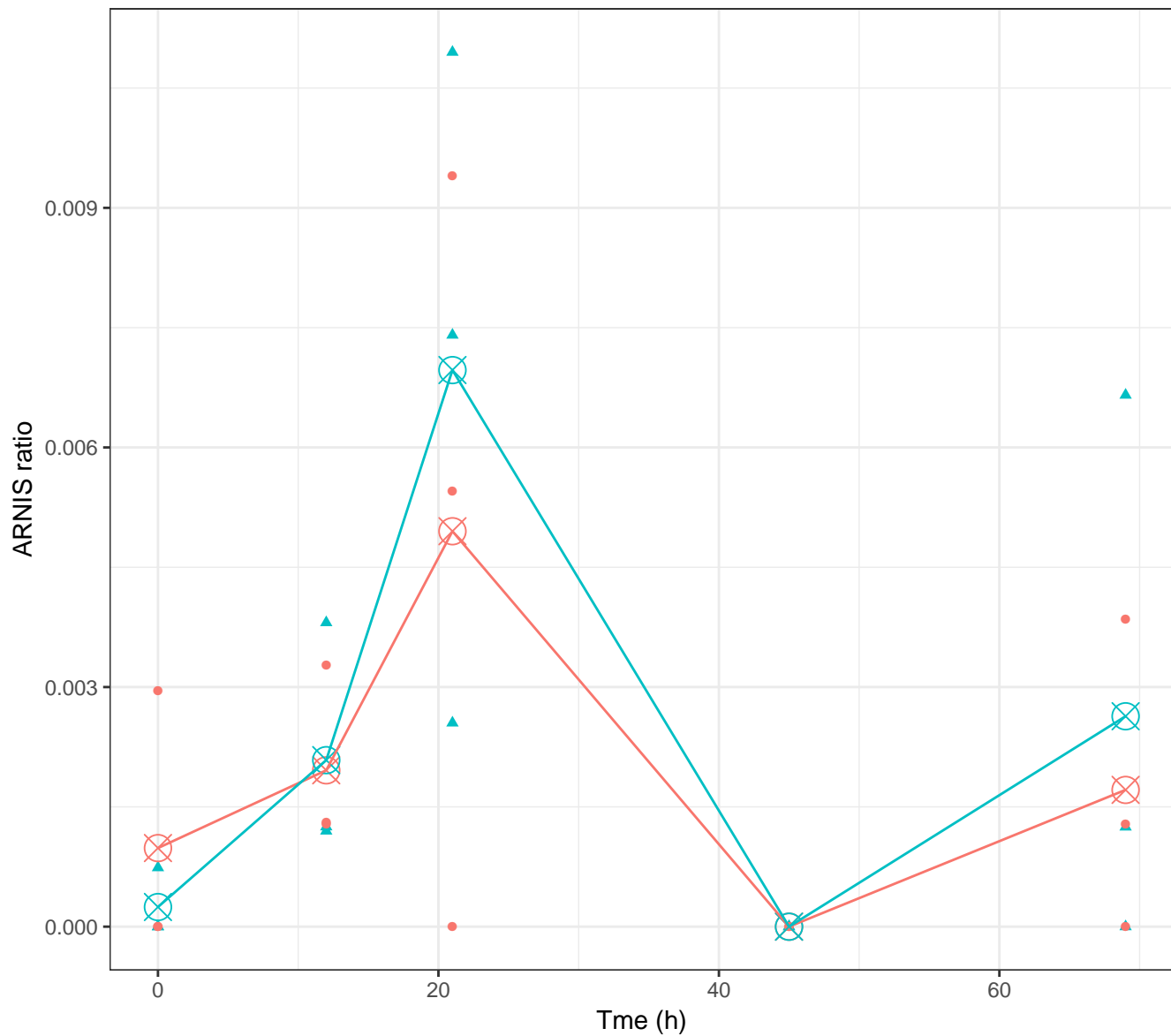
OTU.650_Bacteroidetes_Flavobacterium

Treatment ⊗ Control ⊗ Filtered-1micron



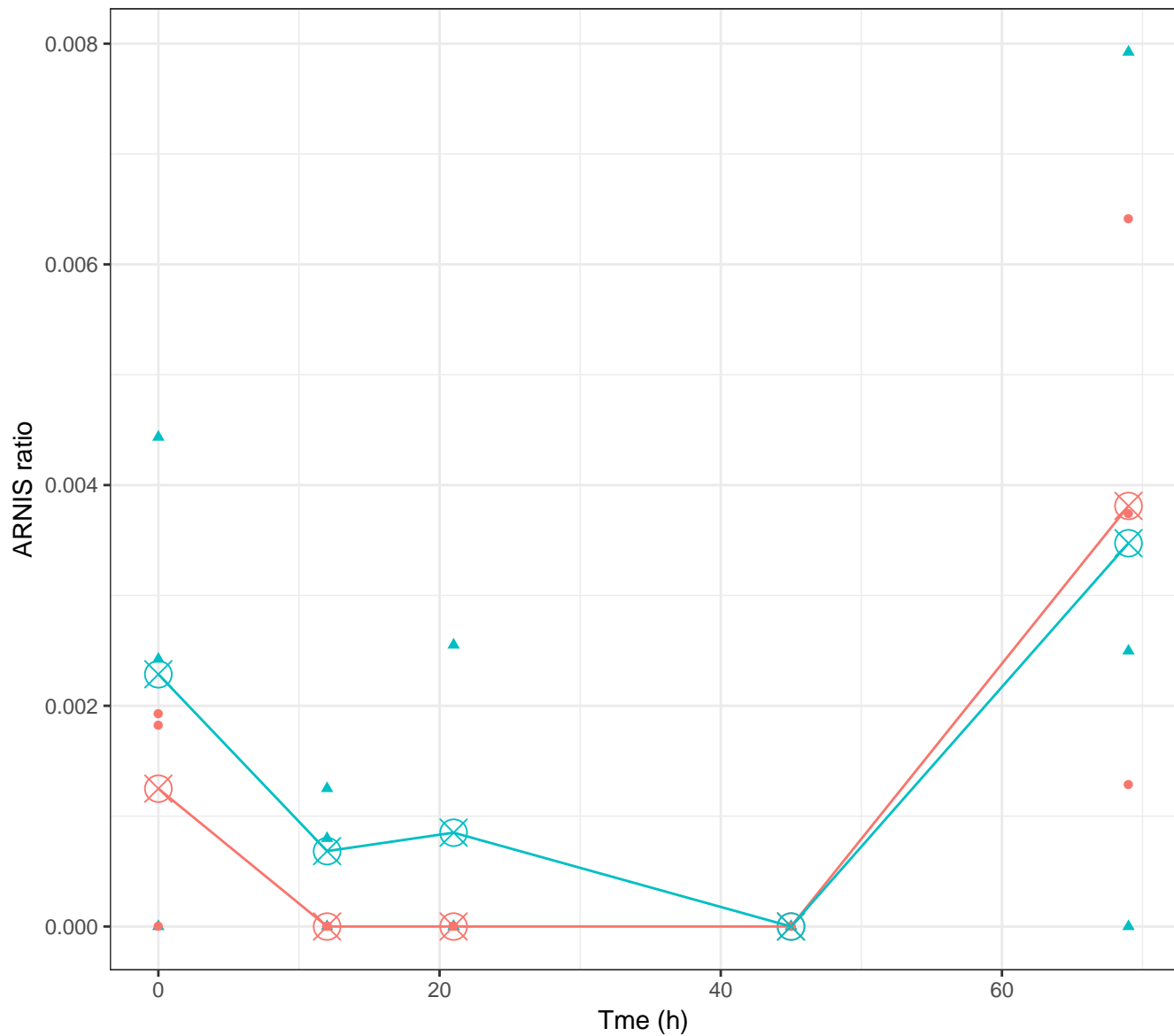
OTU.29_Bacteroidetes_Filimonas

Treatment ⊗ Control ⊗ Filtered-1micron



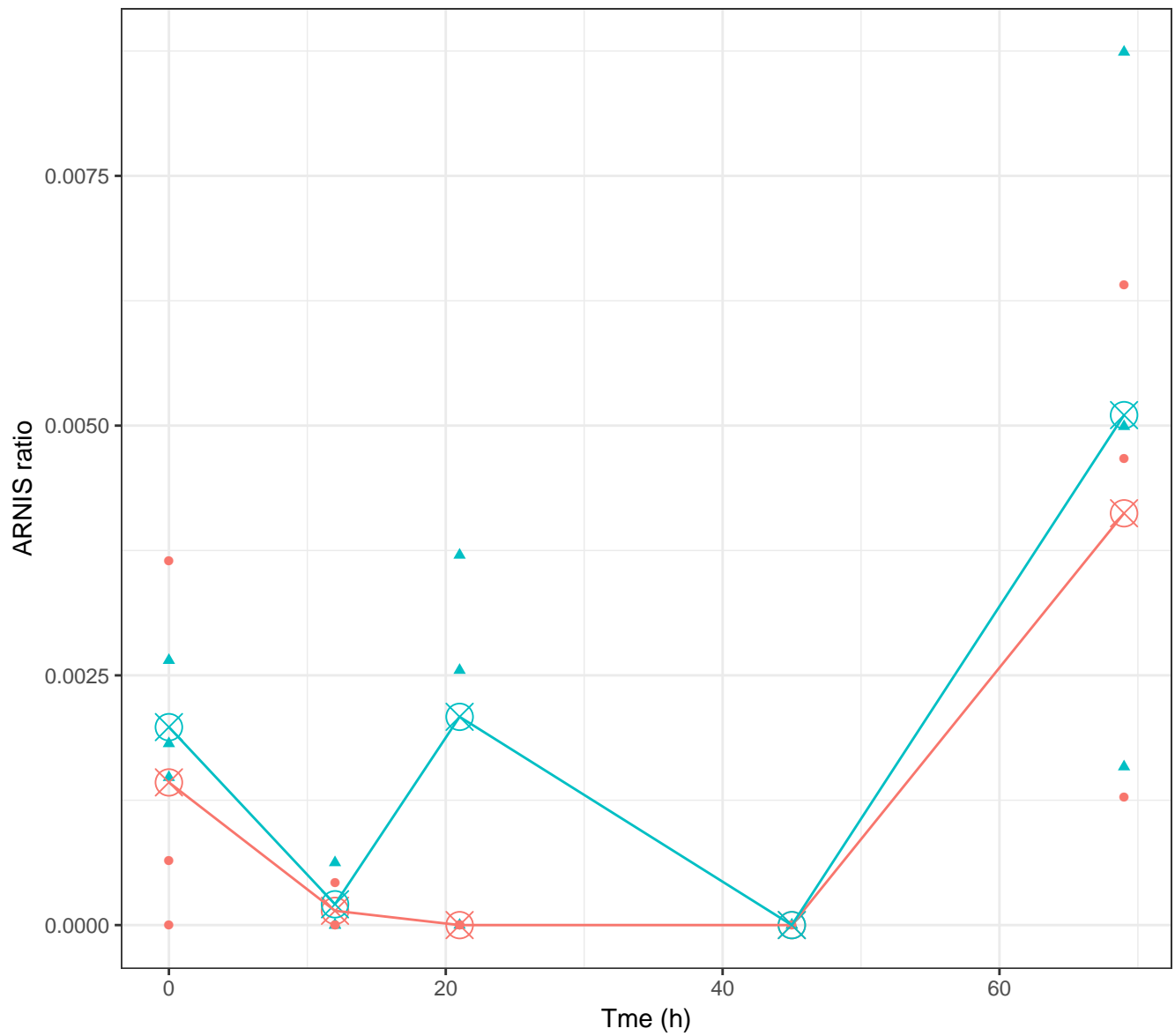
OTU.405_Actinobacteria_Actinomycetales

Treatment Control Filtered-1micron



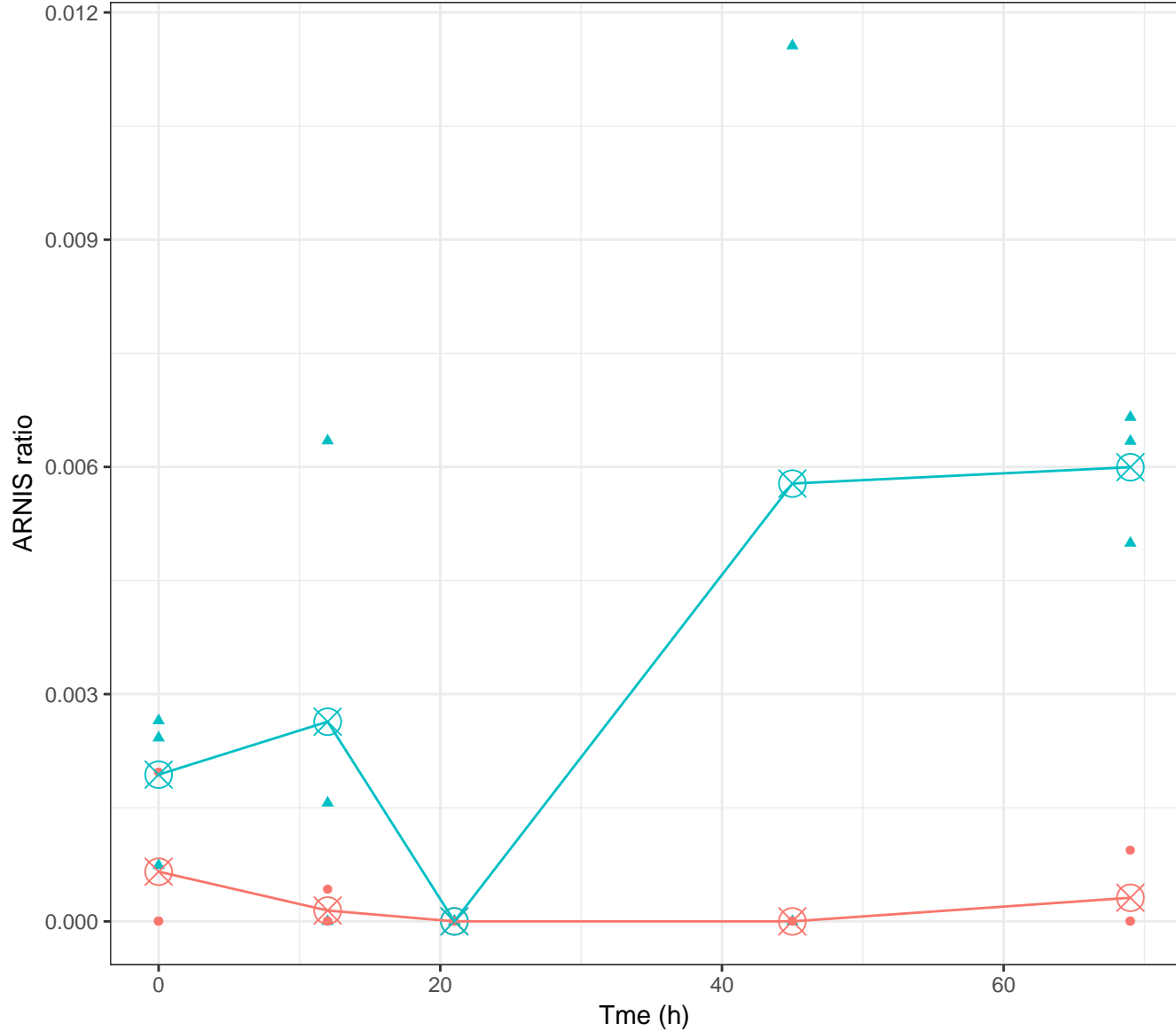
OTU.1169_Actinobacteria_Candidatus_Limnoluna

Treatment ⊗ Control ⊗ Filtered-1micron



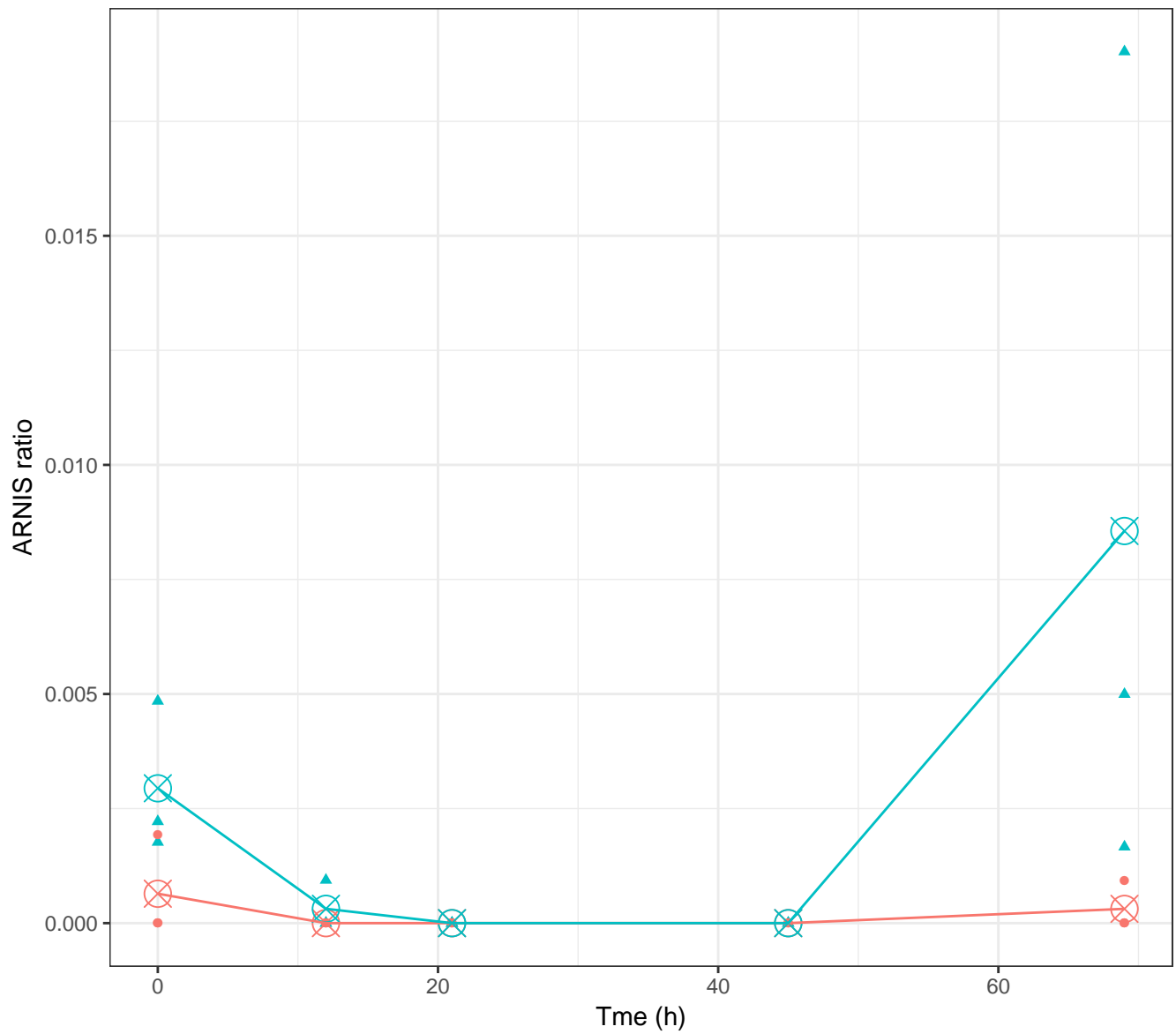
OTU.1184_Betaproteobacteria_Massilia

Treatment Control Filtered-1micron



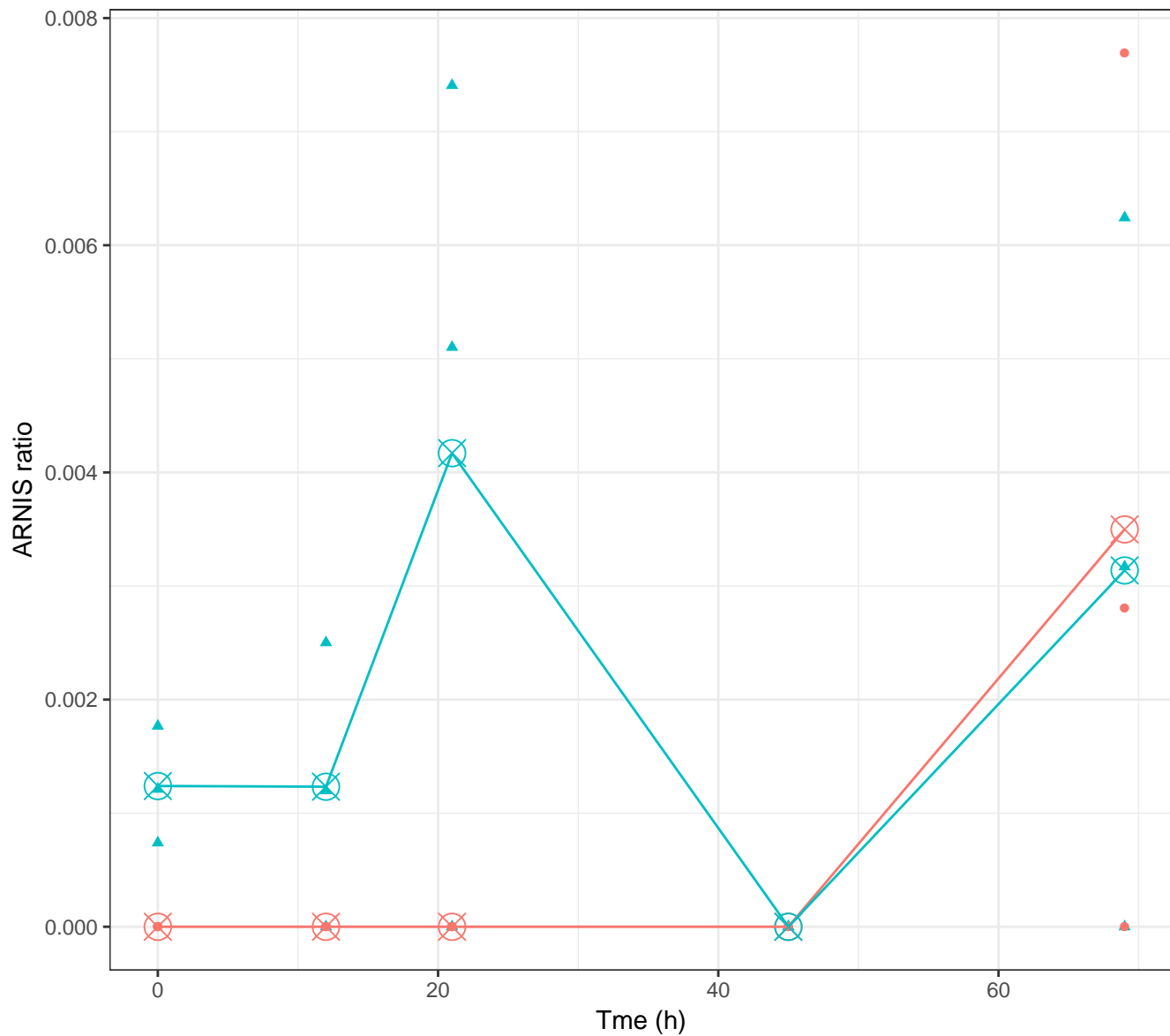
OTU.2931_Verrucomicrobia_Opitutae

Treatment ⊗ Control ⊗ Filtered-1micron



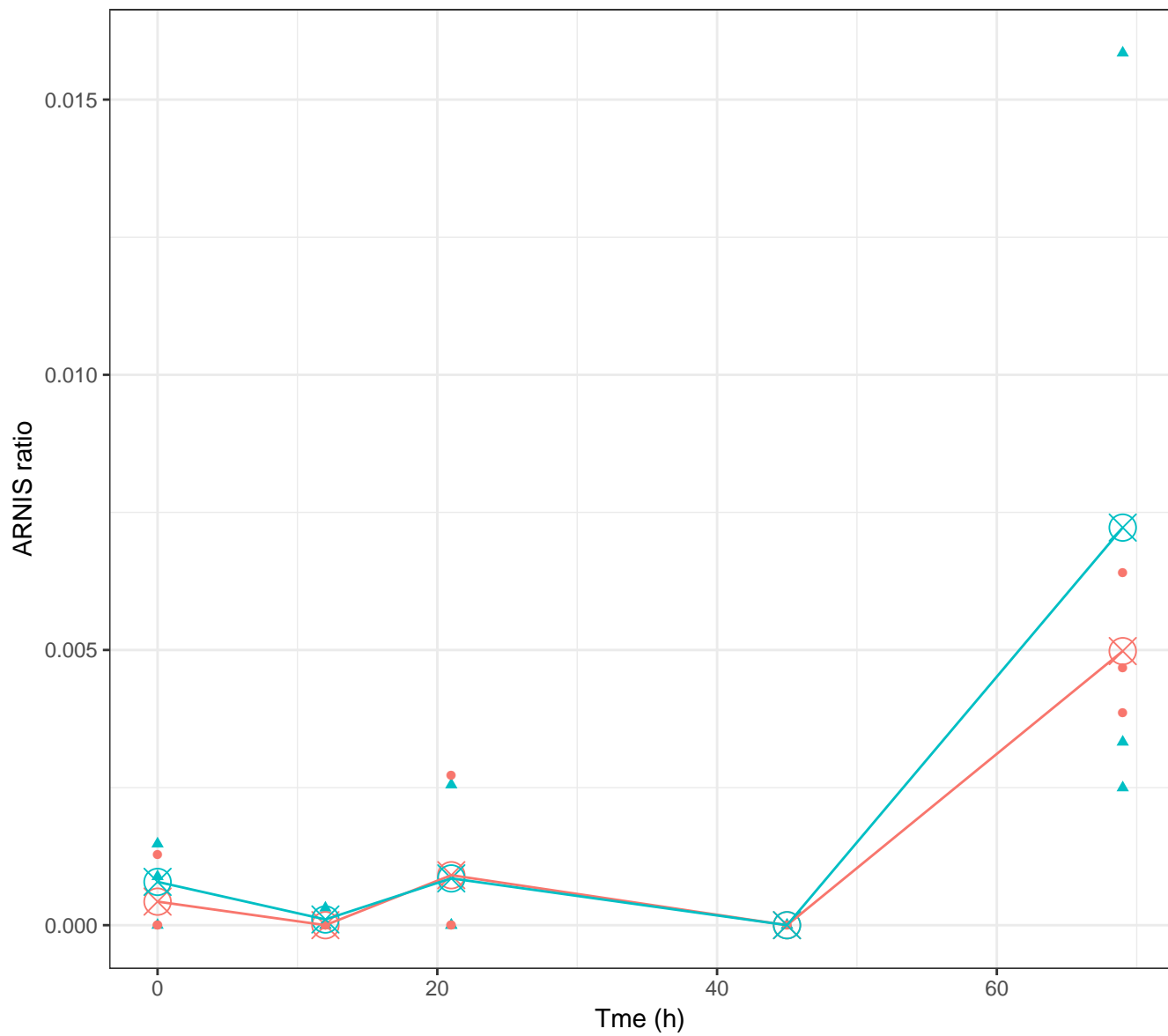
OTU.200_Actinobacteria_clade_acl.A1

Treatment ⊗ Control ⊗ Filtered-1micron



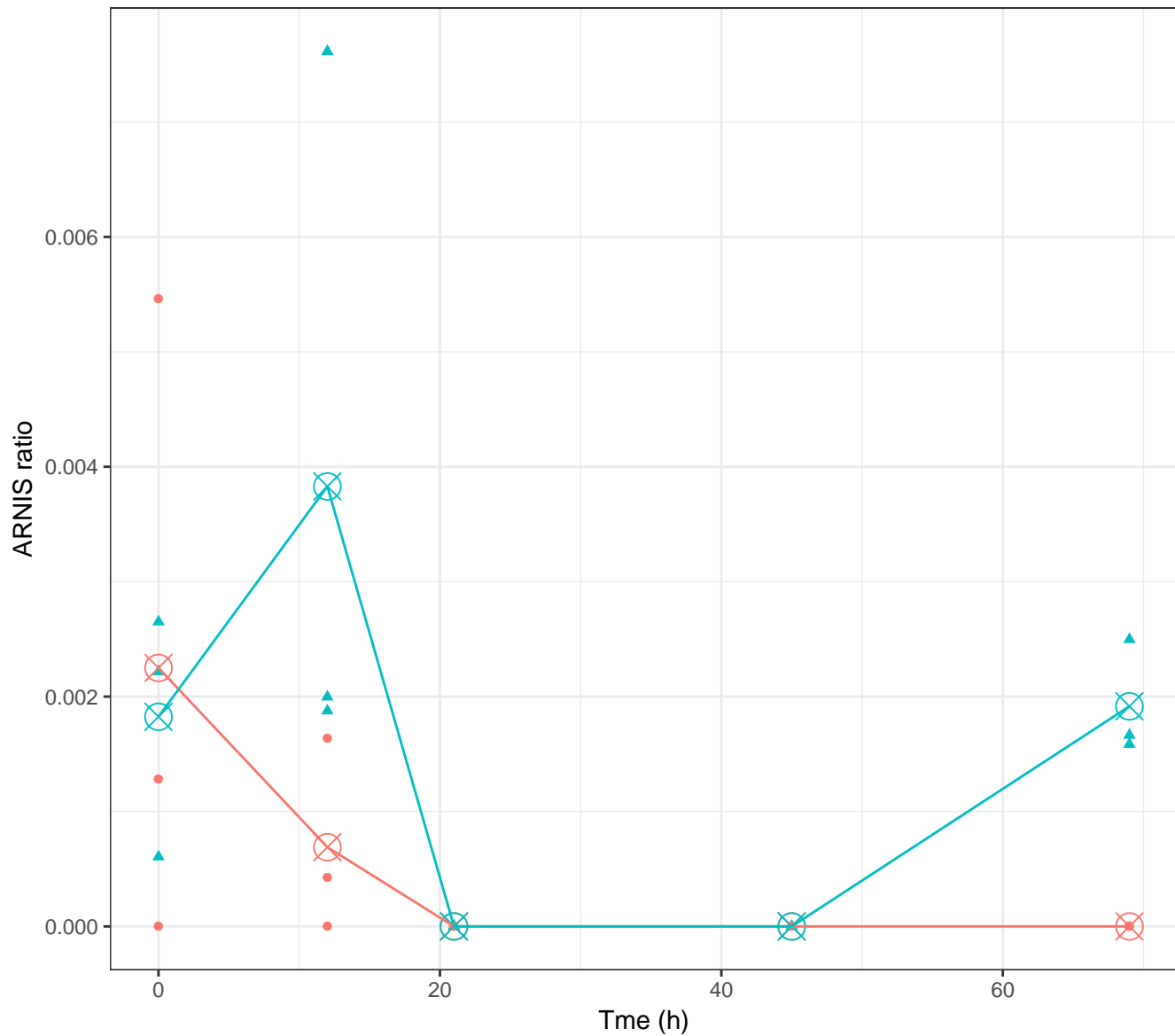
OTU.1375_Actinobacteria_clade_acVII

Treatment Control Filtered-1micron



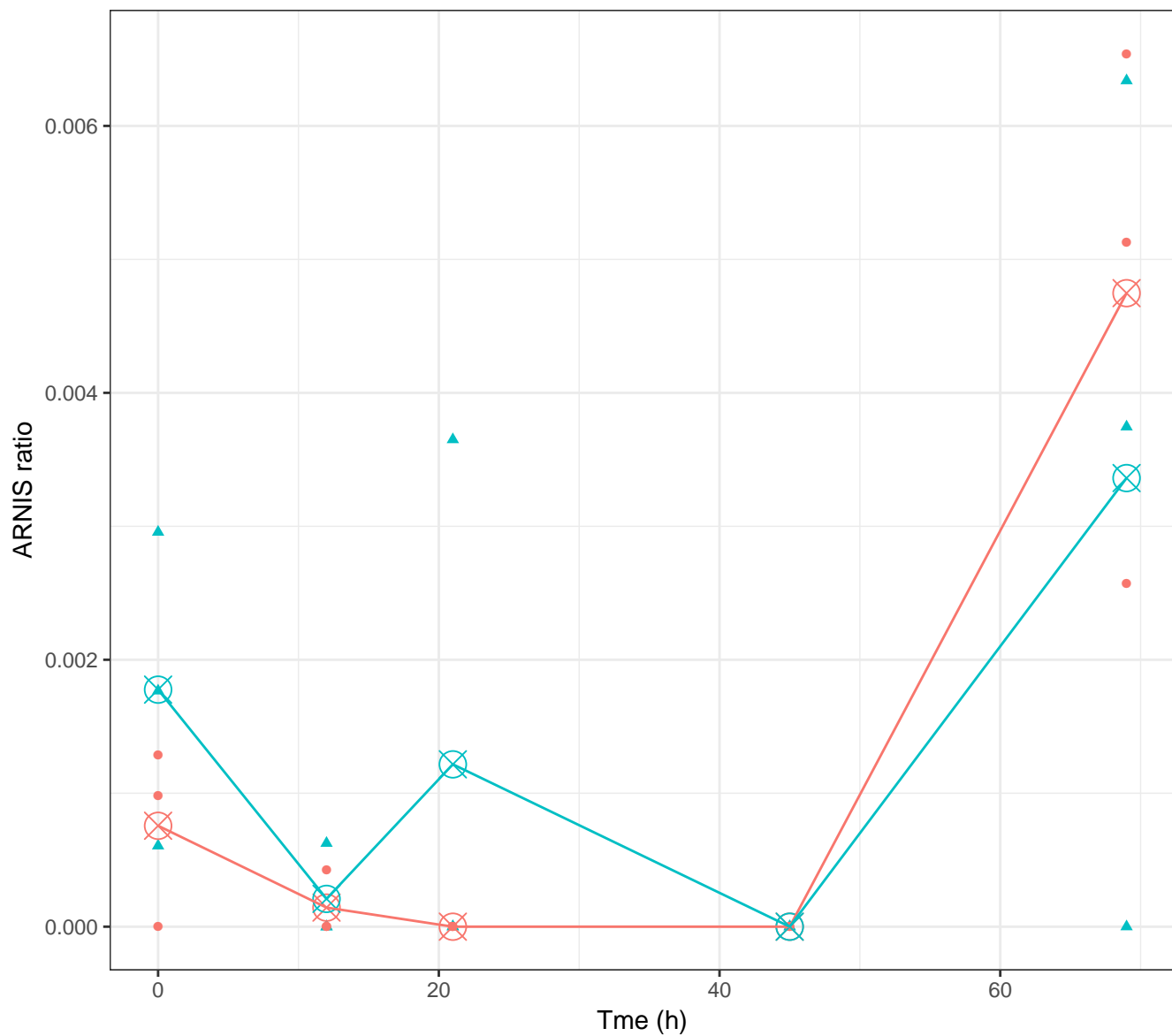
OTU.100_Bacteroidetes_Sphingobacteriales_NS11.12_marine_group

Treatment ⊗ Control ⊗ Filtered-1micron



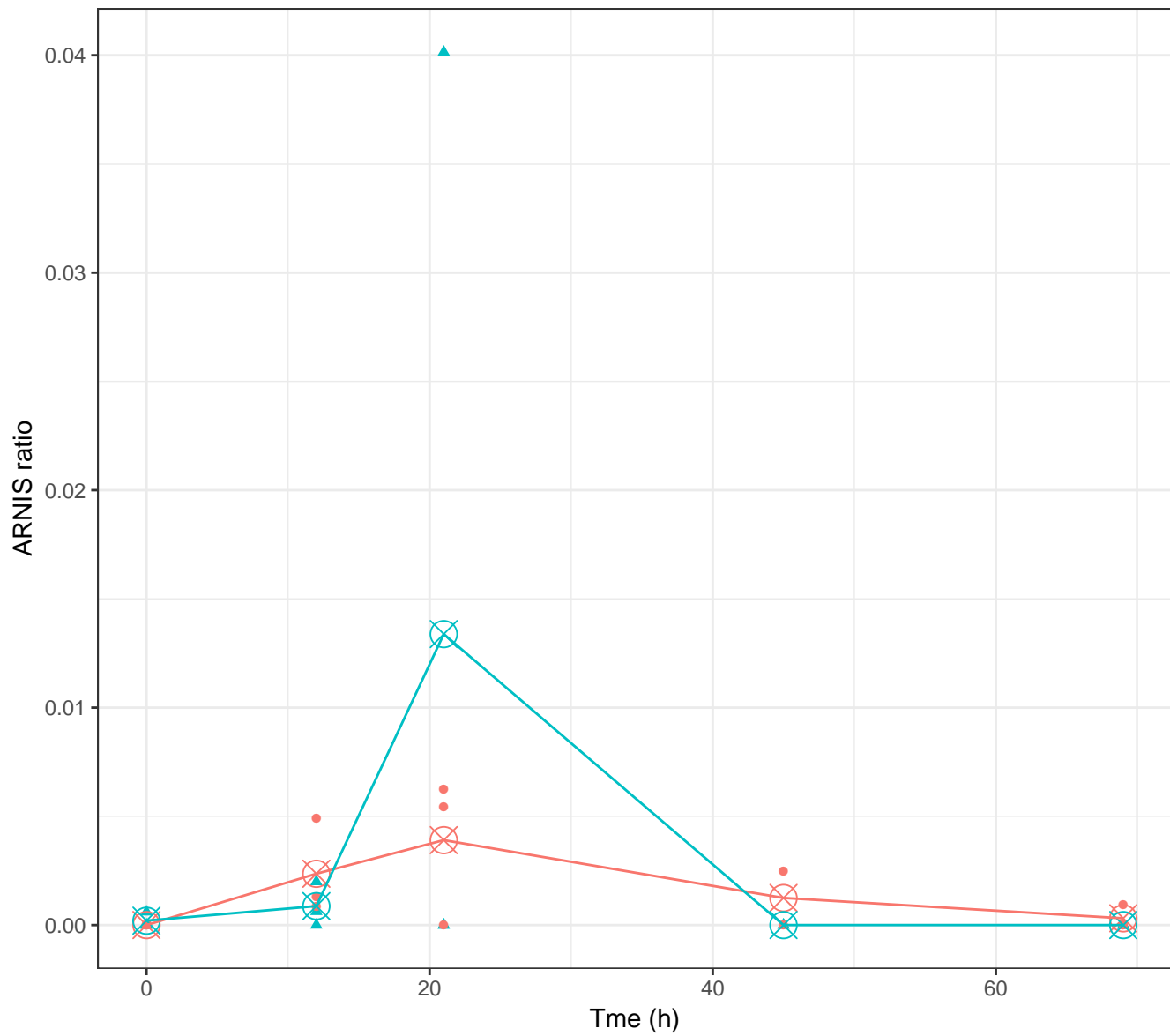
OTU.740_Betaproteobacteria_Variovorax

Treatment ⊗ Control ⊗ Filtered-1micron



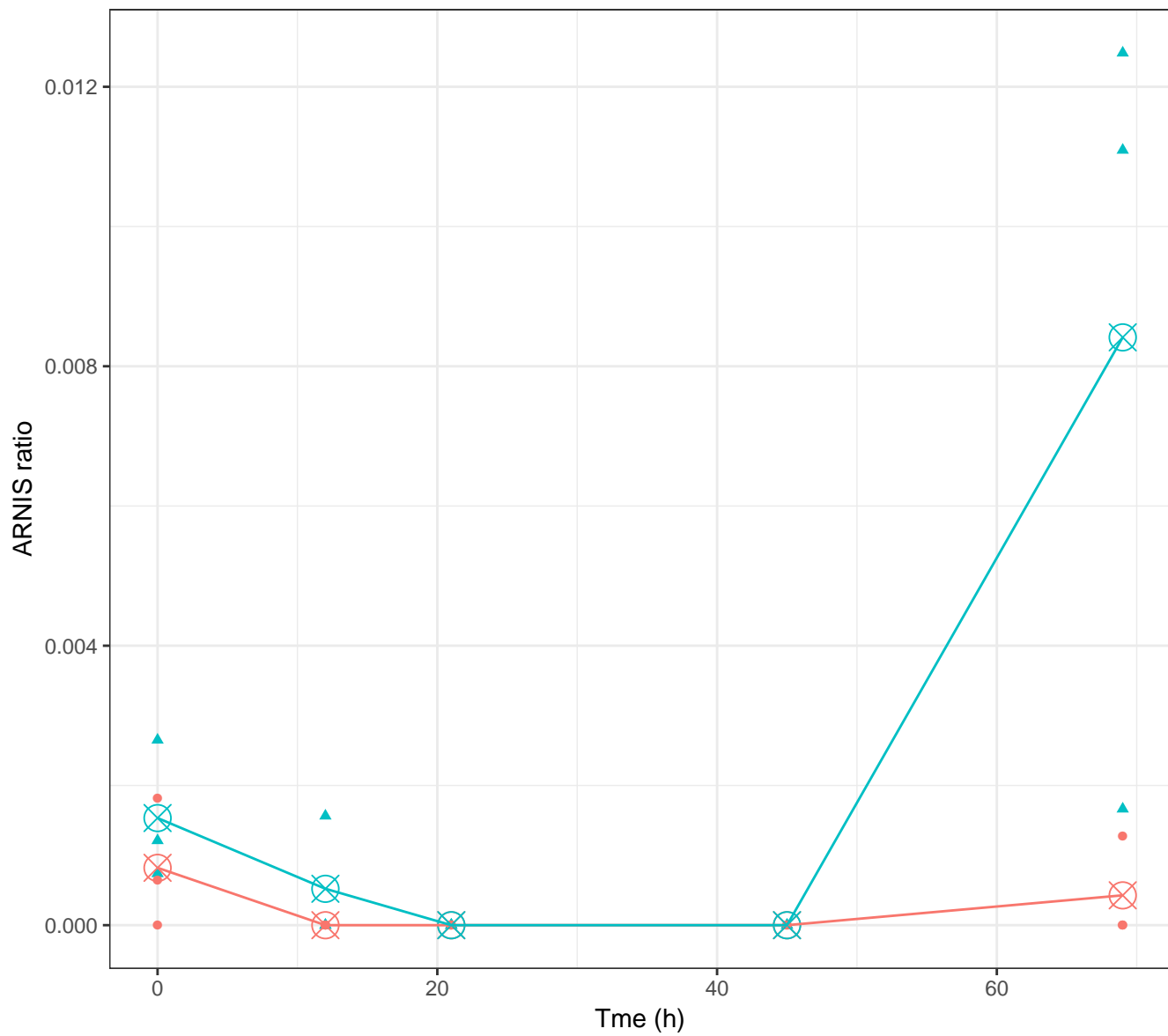
OTU.431_Actinobacteria_CandidatusMicrothrix

Treatment Control Filtered-1micron



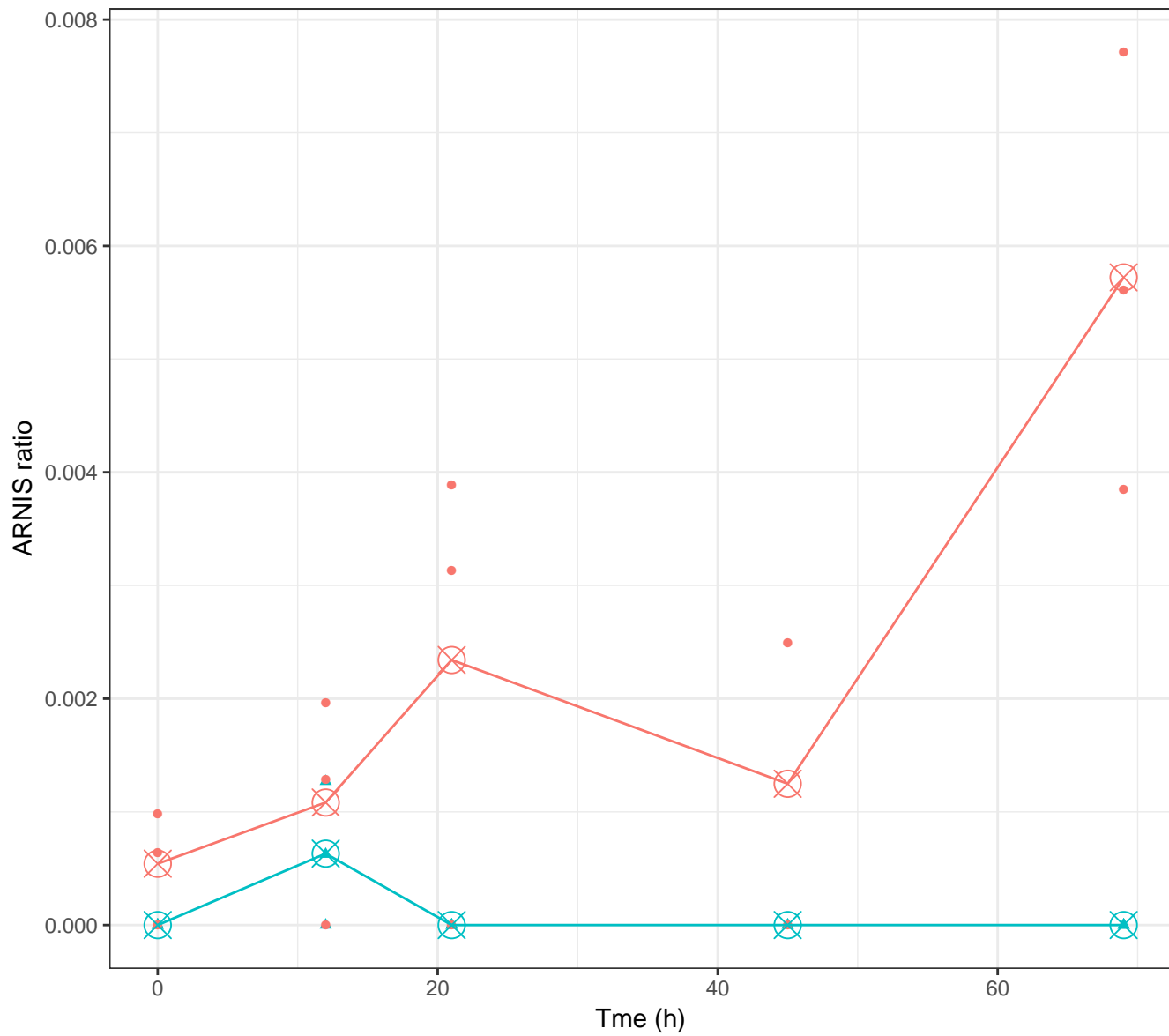
OTU.455_Actinobacteria_clade_acl.A1

Treatment Control Filtered-1micron



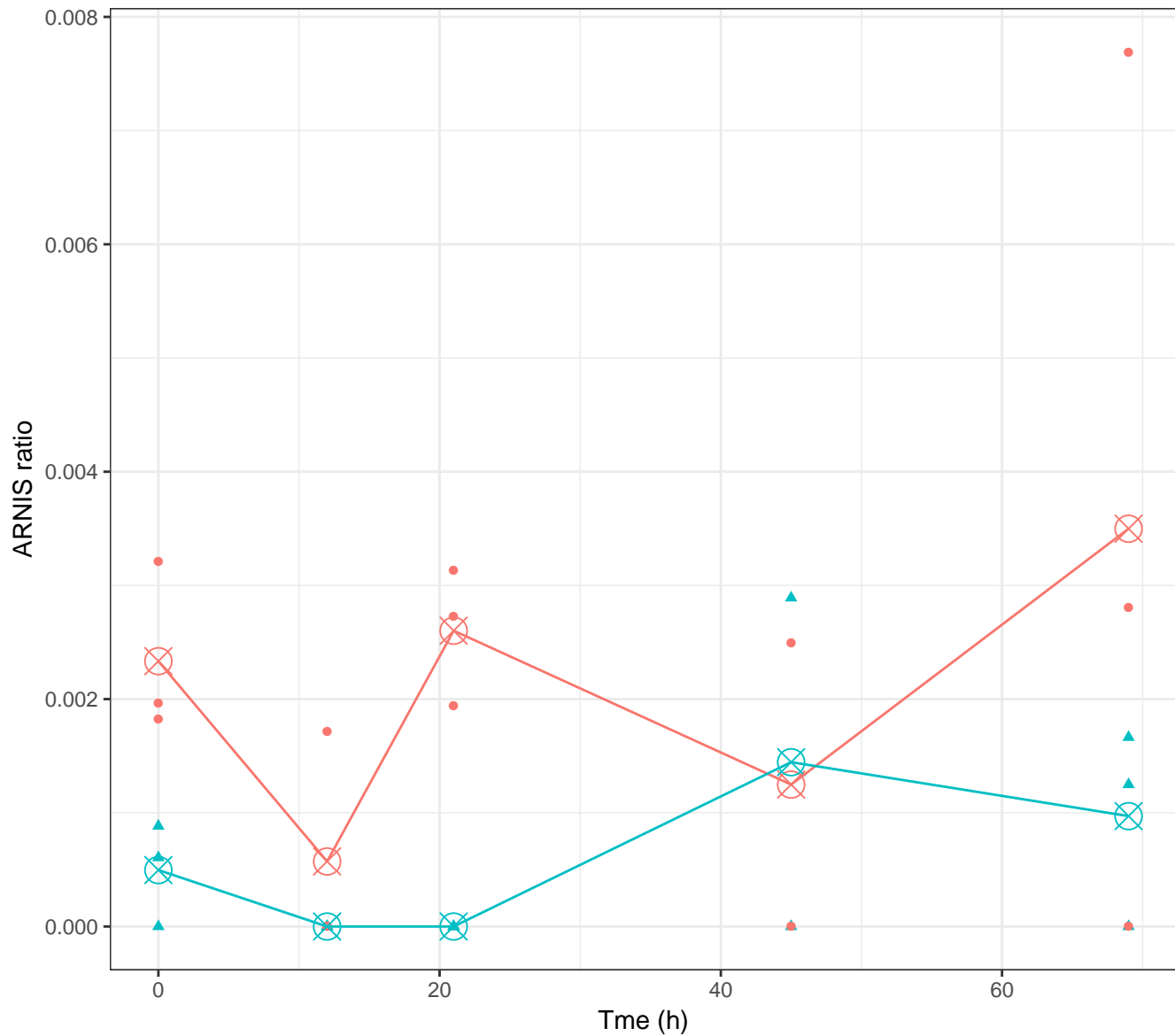
OTU.63_Verrucomicrobia_Luteolibacter

Treatment Control Filtered-1micron



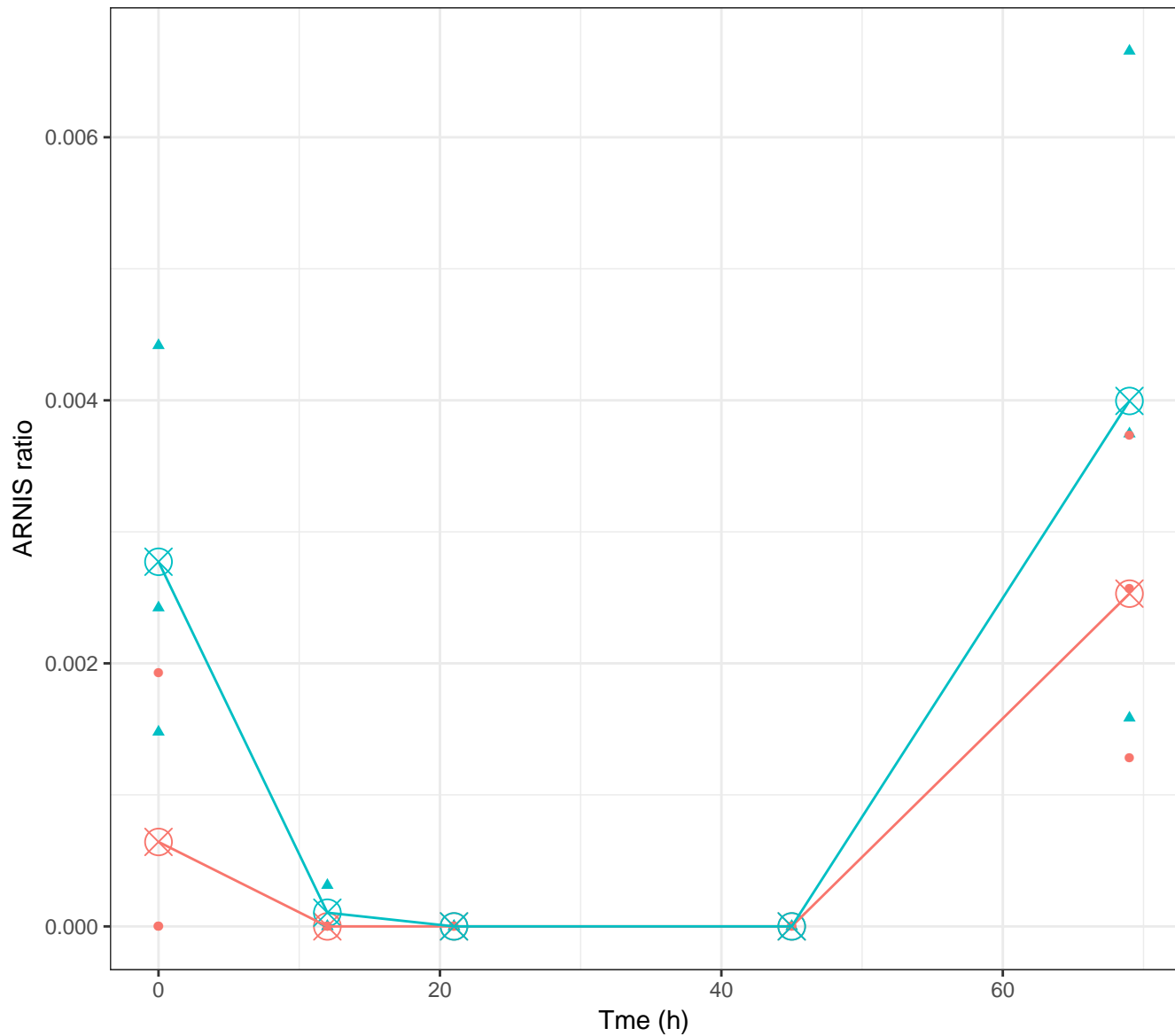
OTU.263_Alphaproteobacteria_Rickettsiaceae

Treatment ⊗ Control ⊗ Filtered-1micron



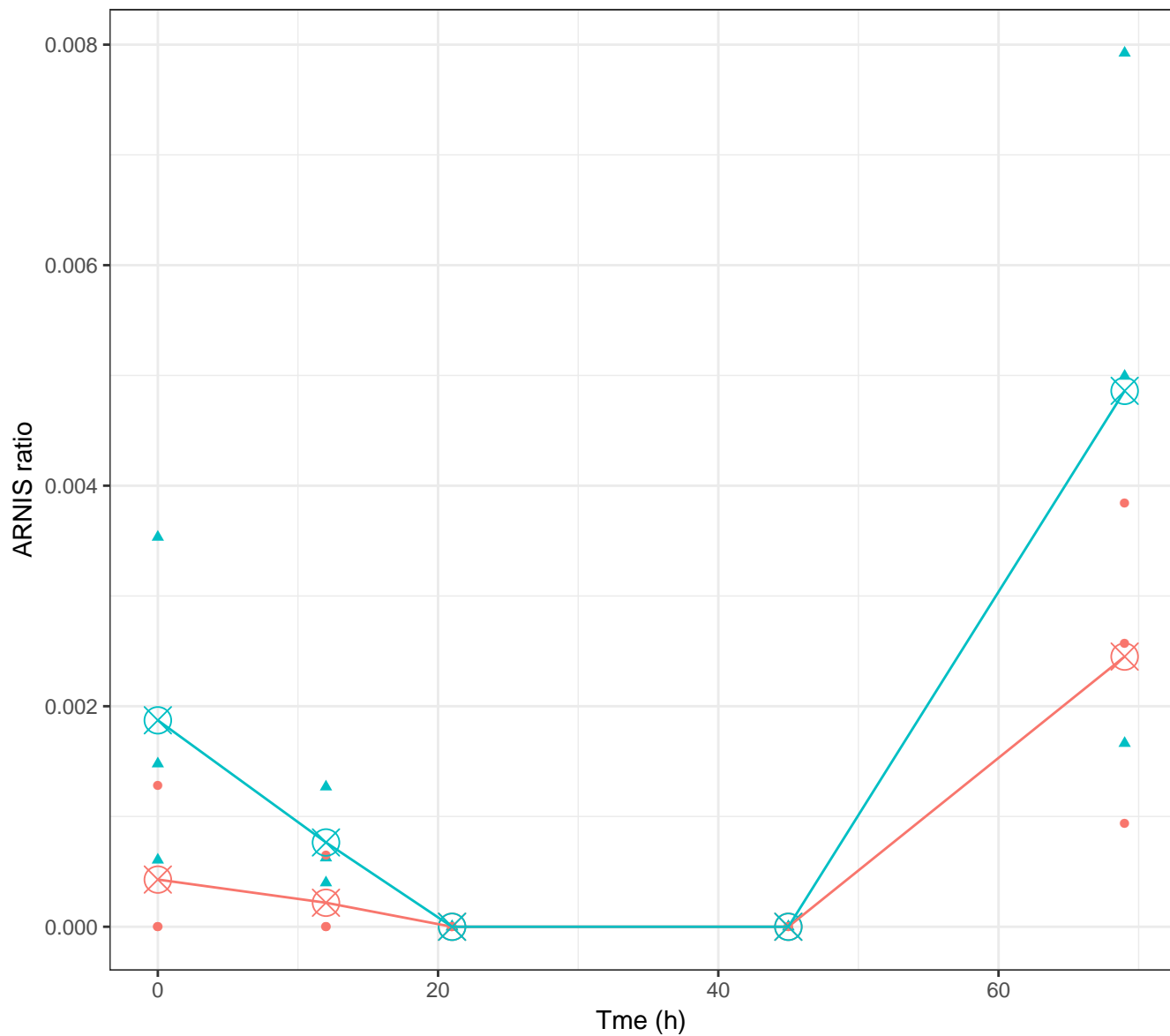
OTU.1228_Betaproteobacteria_Burkholderiales

Treatment ⊗ Control ⊗ Filtered-1micron



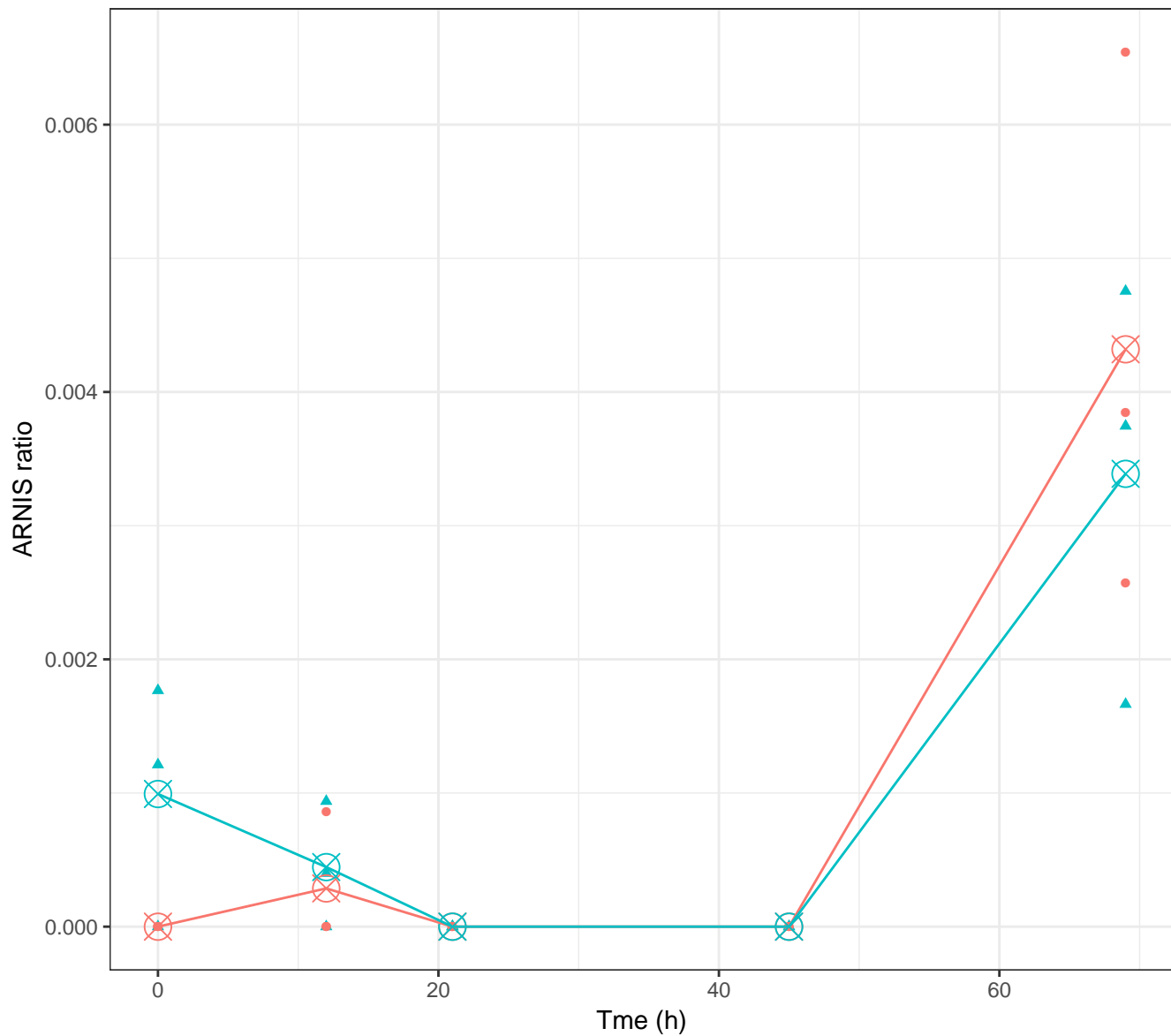
OTU.560_Actinobacteria_acl.B1

Treatment ⊗ Control ⊗ Filtered-1micron



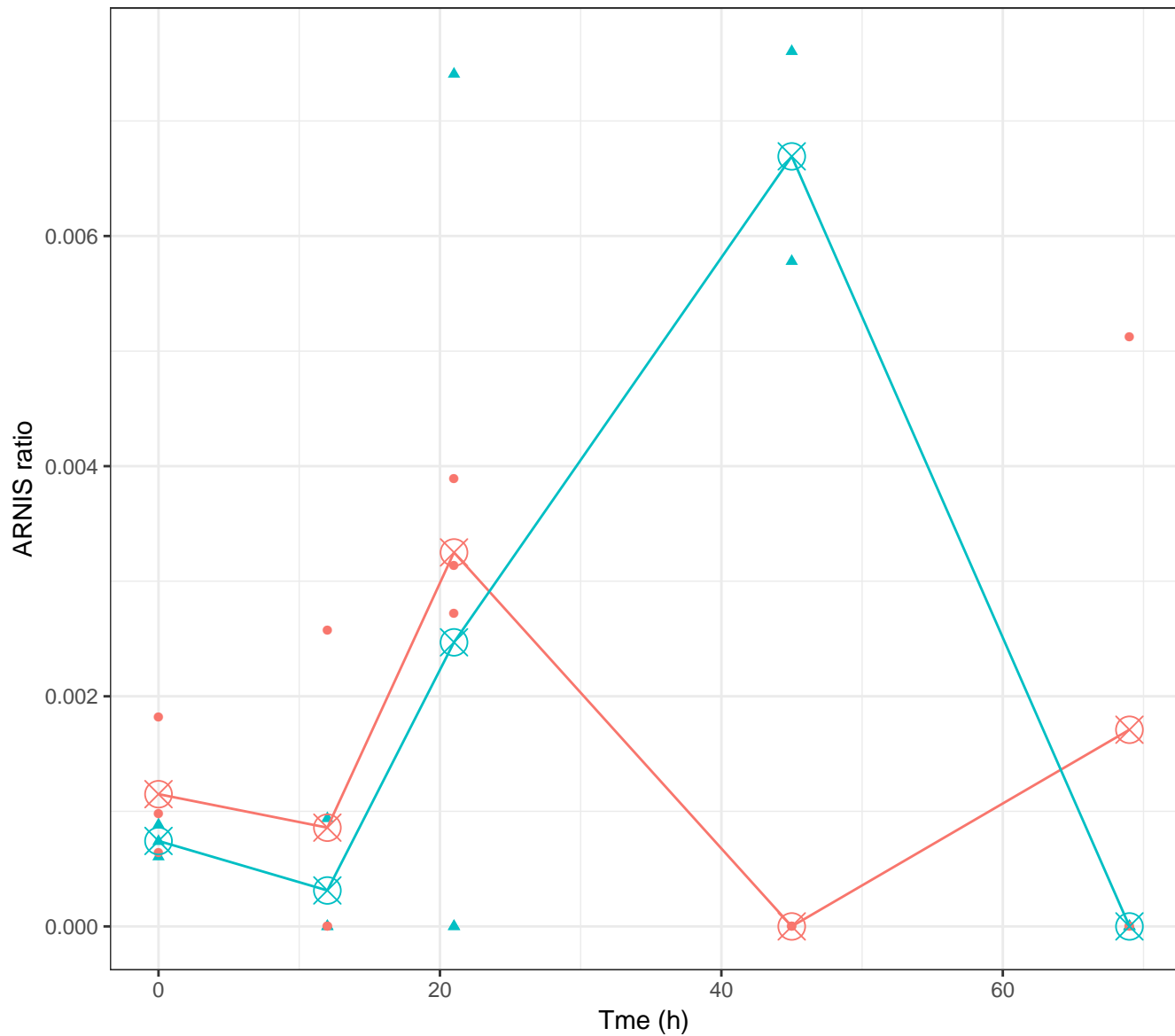
OTU.865_Actinobacteria_Microbacteriaceae

Treatment ⊗ Control ⊗ Filtered-1micron



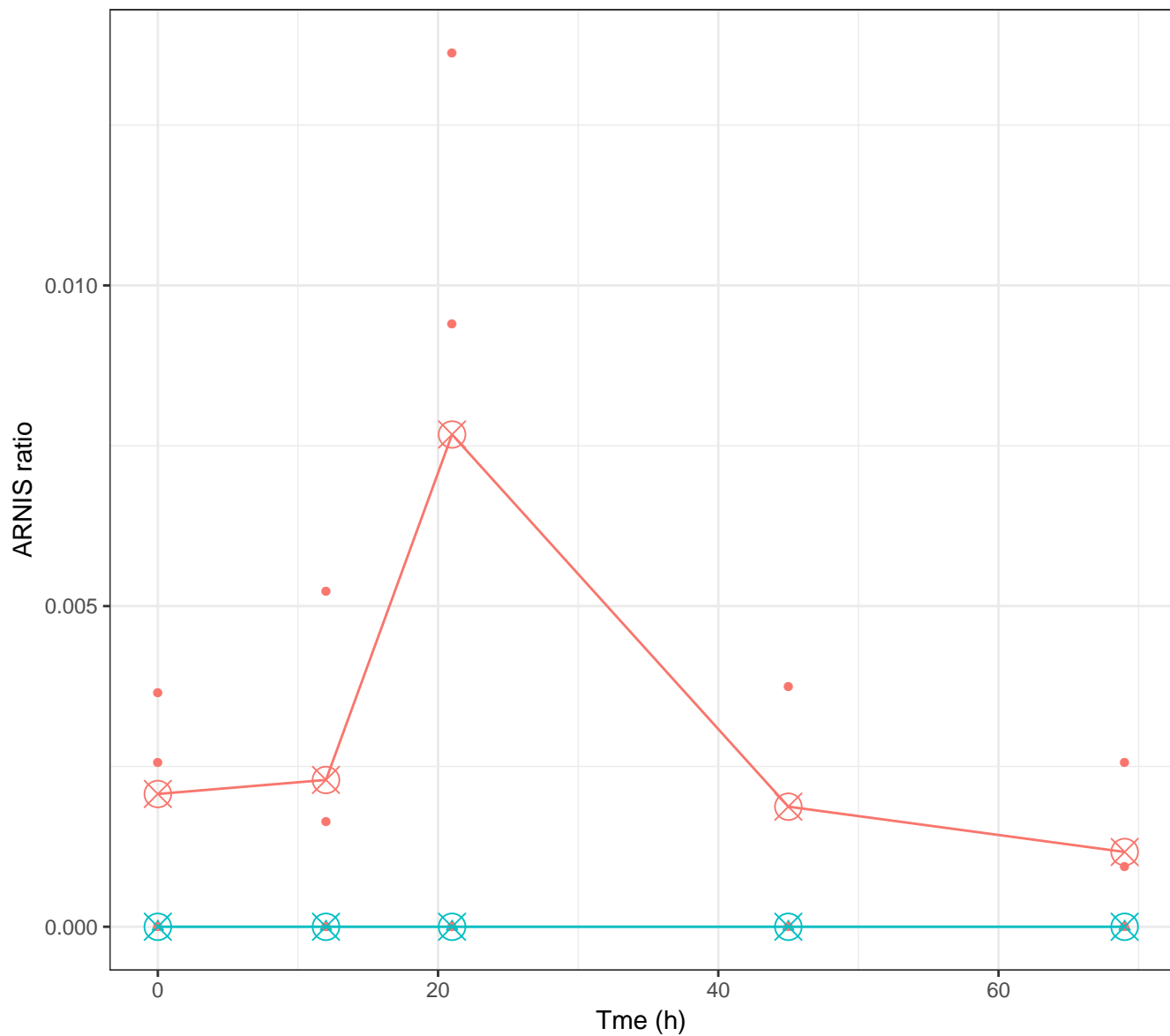
OTU.105_Actinobacteria_CL500.29_marine_group_freshwater_clade_aclV.A

Treatment ⊗ Control ⊗ Filtered-1micron



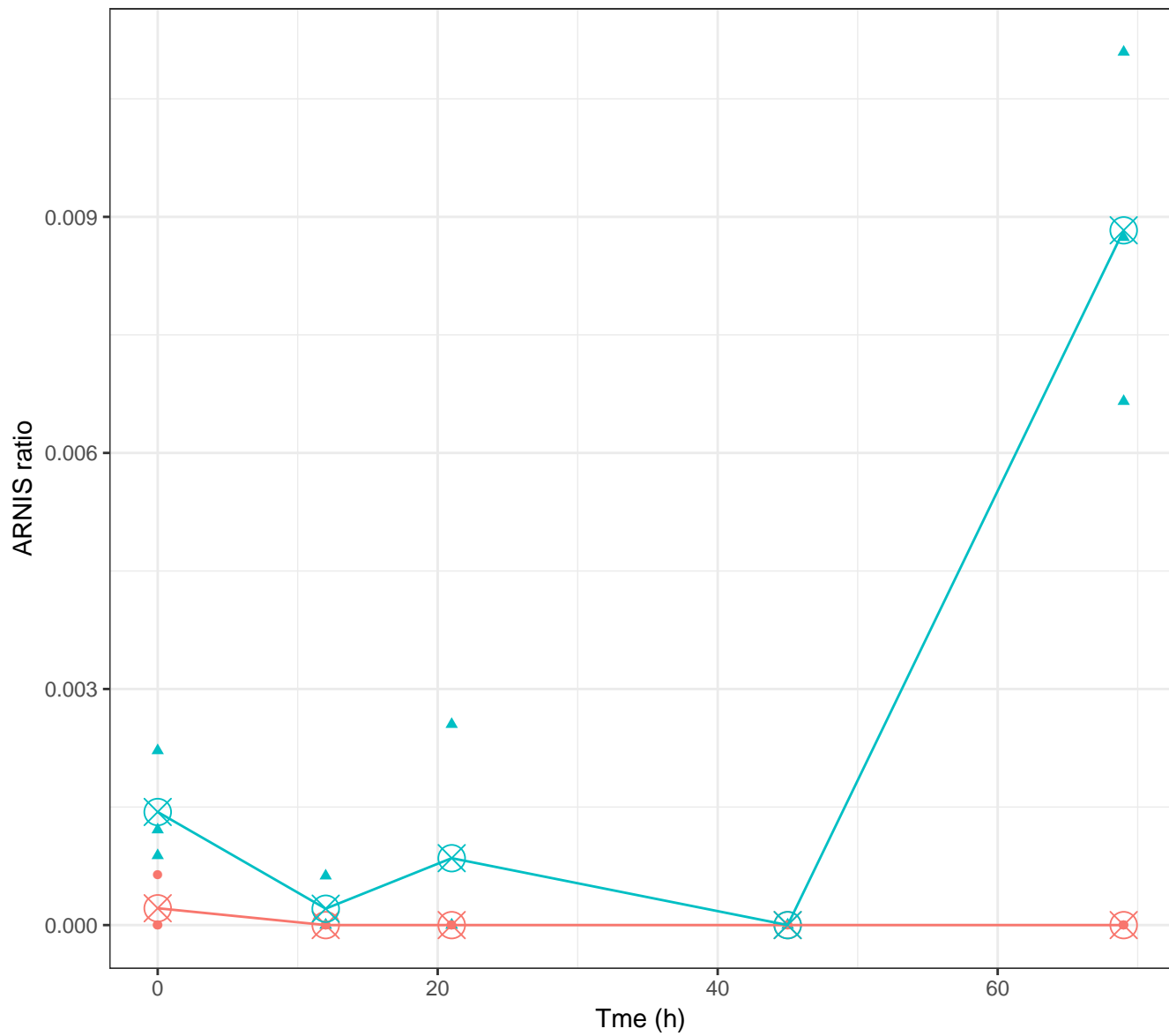


OTU.8063_Bacteroidetes_Flavobacterium



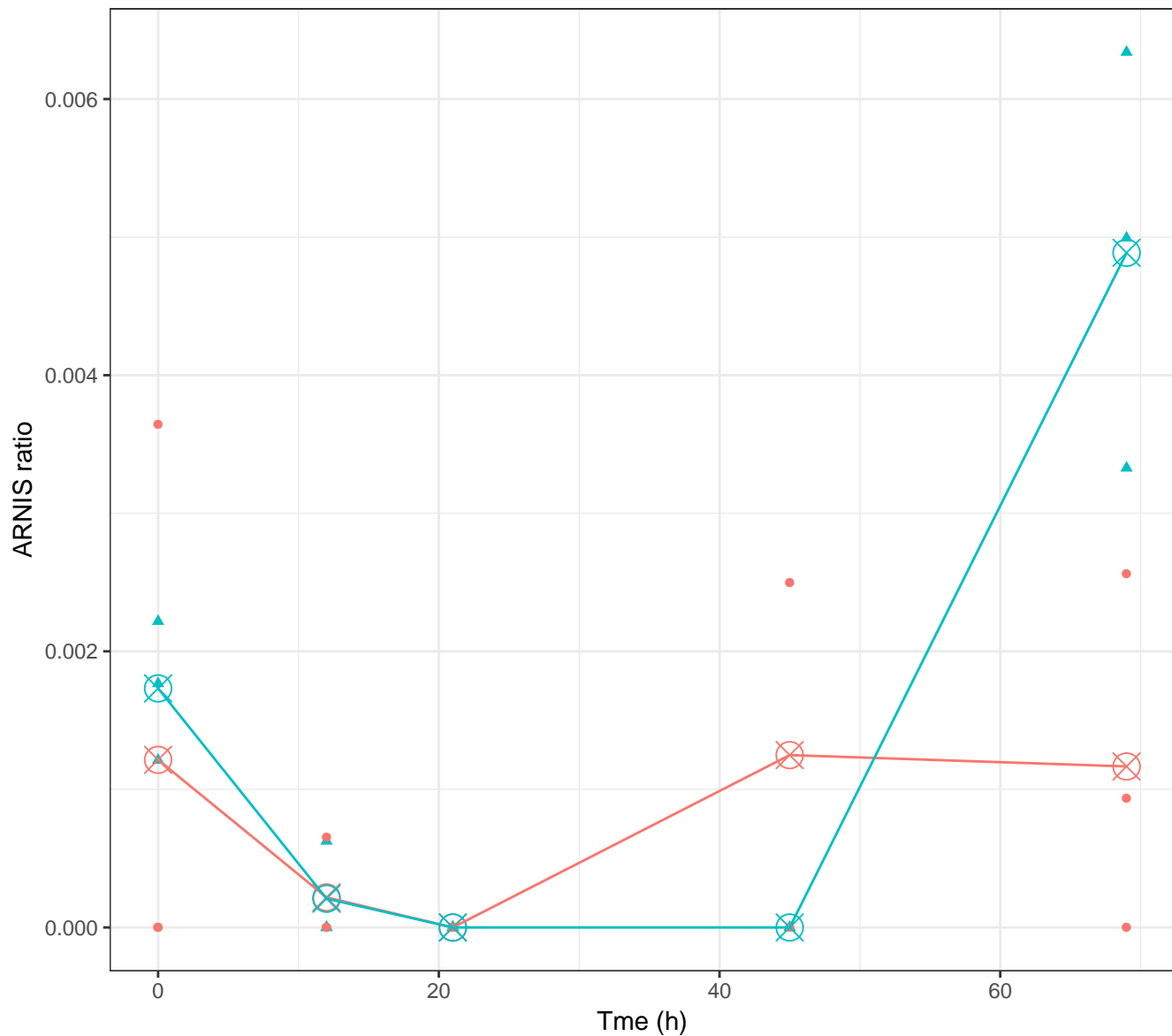
Treatment Control Filtered-1micron



OTU.1219_Verrucomicrobia_vadinHA64

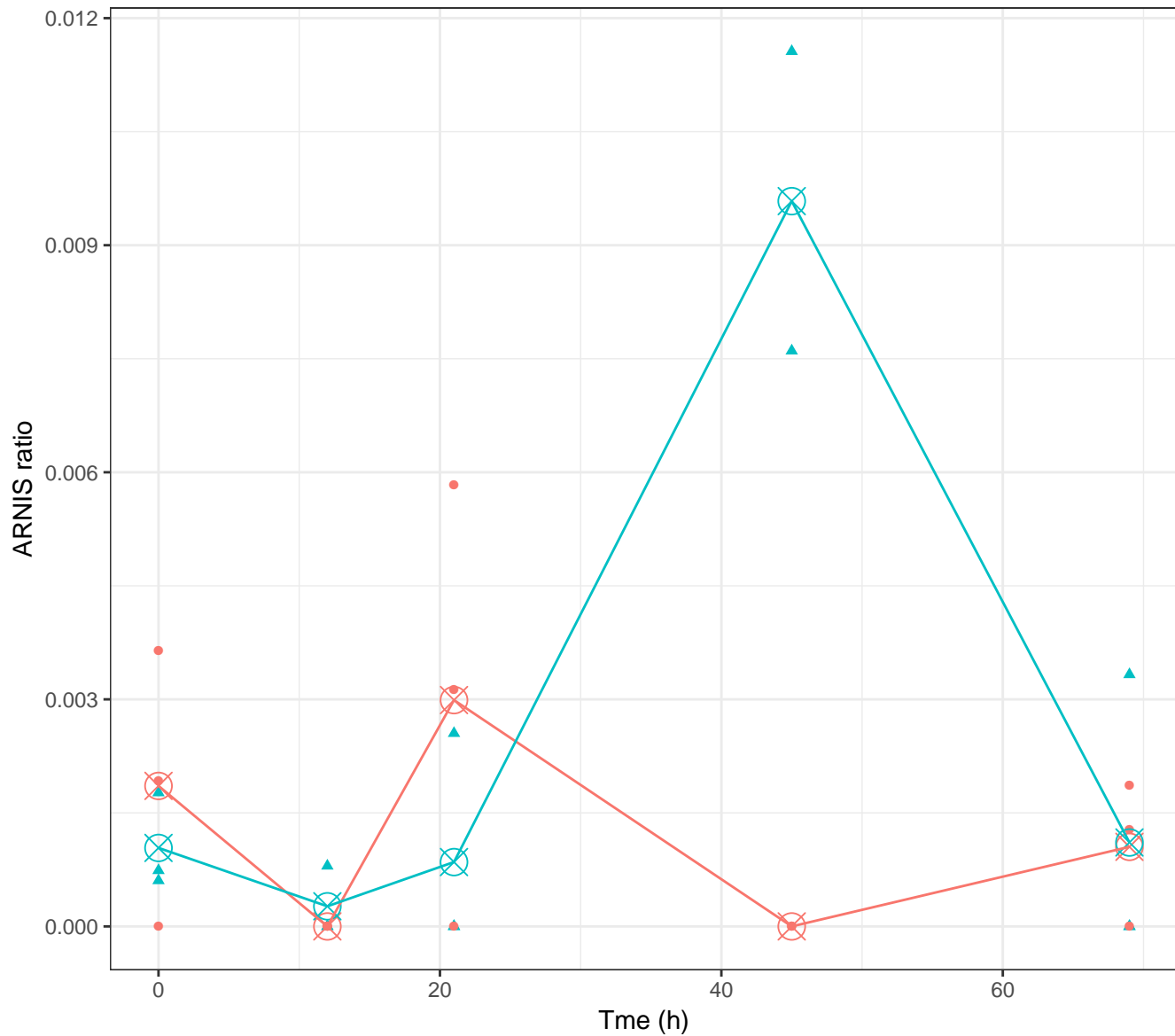
Treatment  Control  Filtered-1micron

OTU.1109_Actinobacteria.clade_acl.A

Treatment  Control  Filtered-1micron

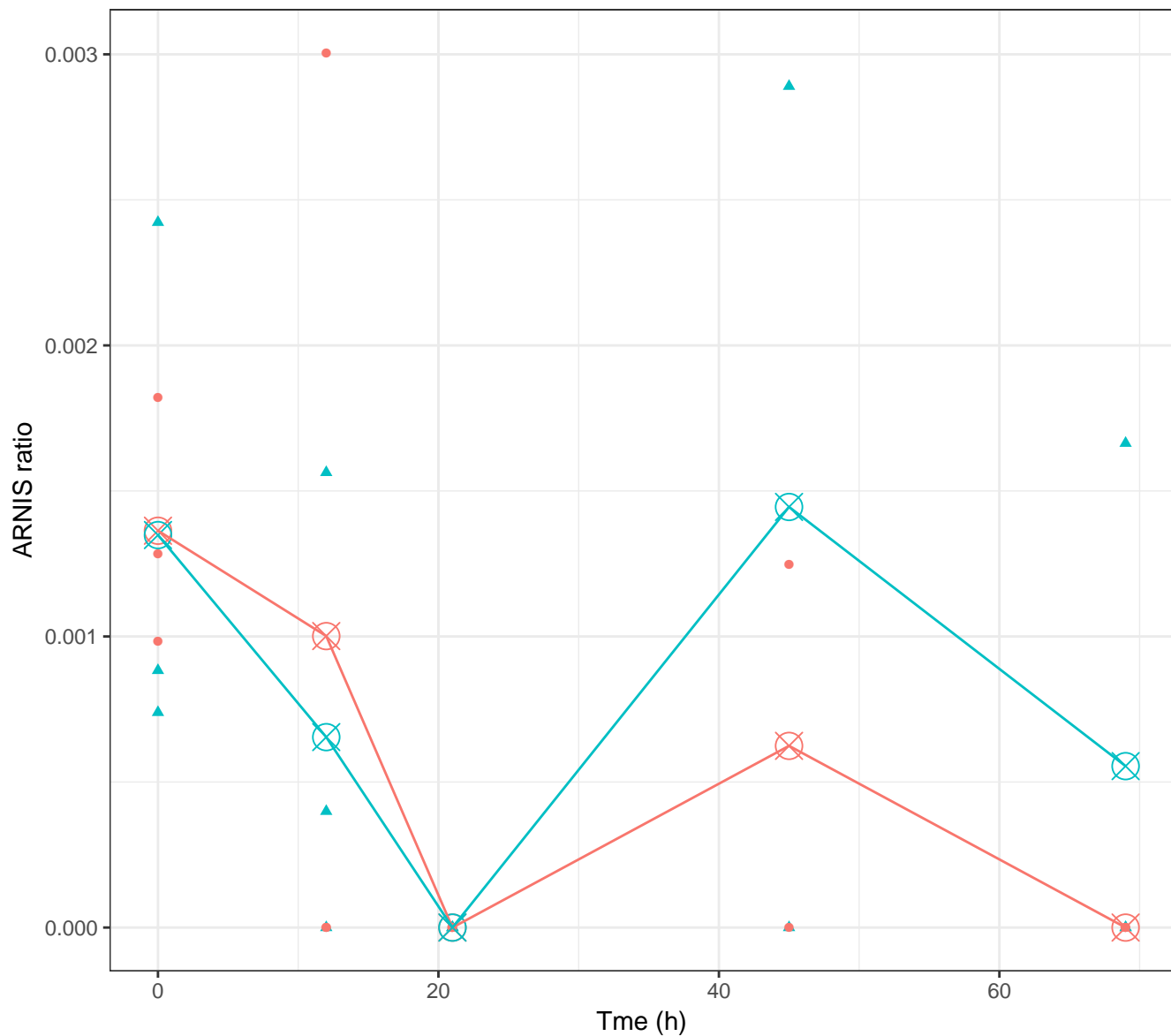
OTU.469_Bacteroidetes_Sphingobacteriales_AKYH767

Treatment ⊗ Control ⊗ Filtered-1micron





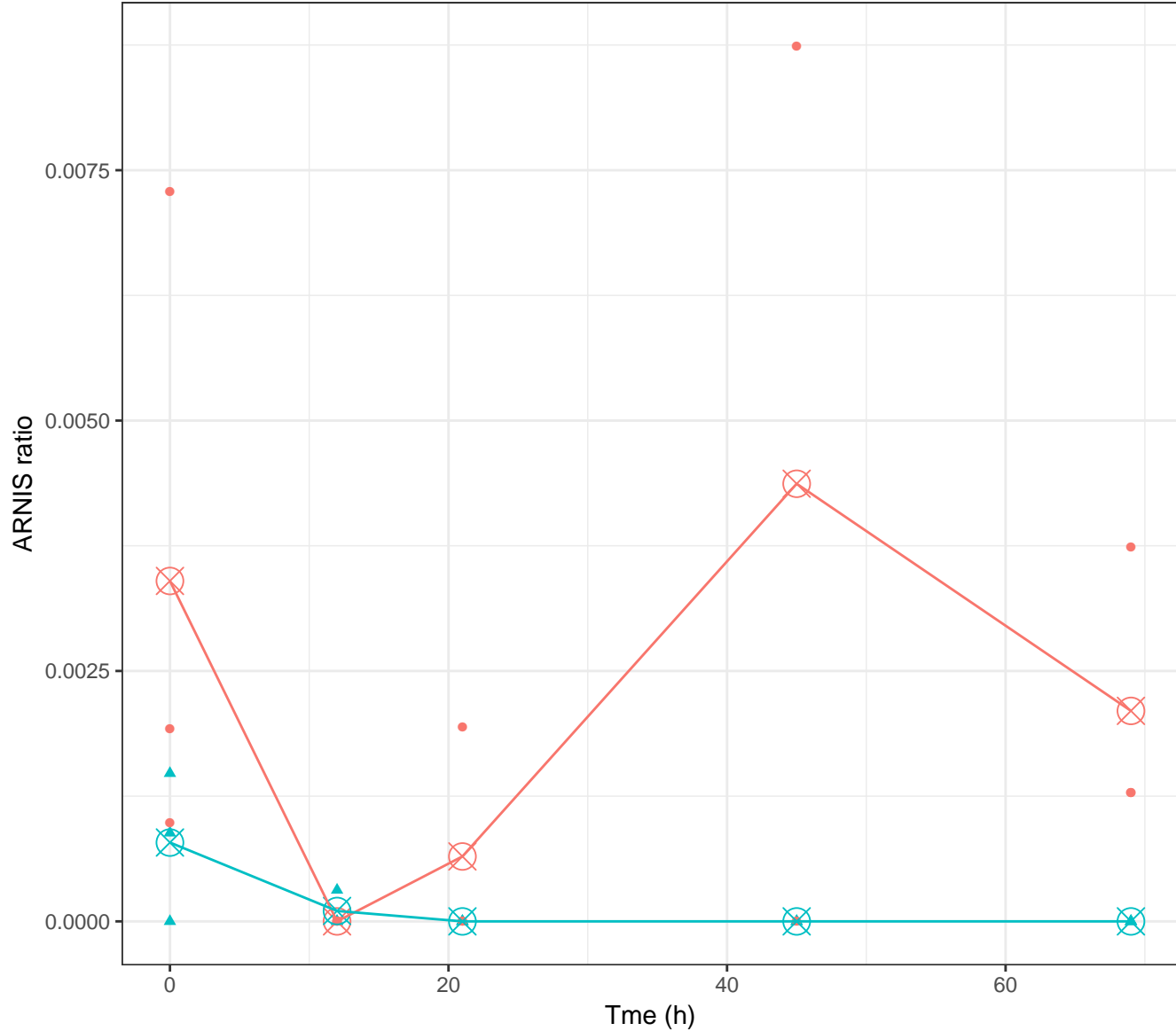
OTU.109_Actinobacteria_Gaiellales

Treatment ⊗ Control ⊗ Filtered-1micron



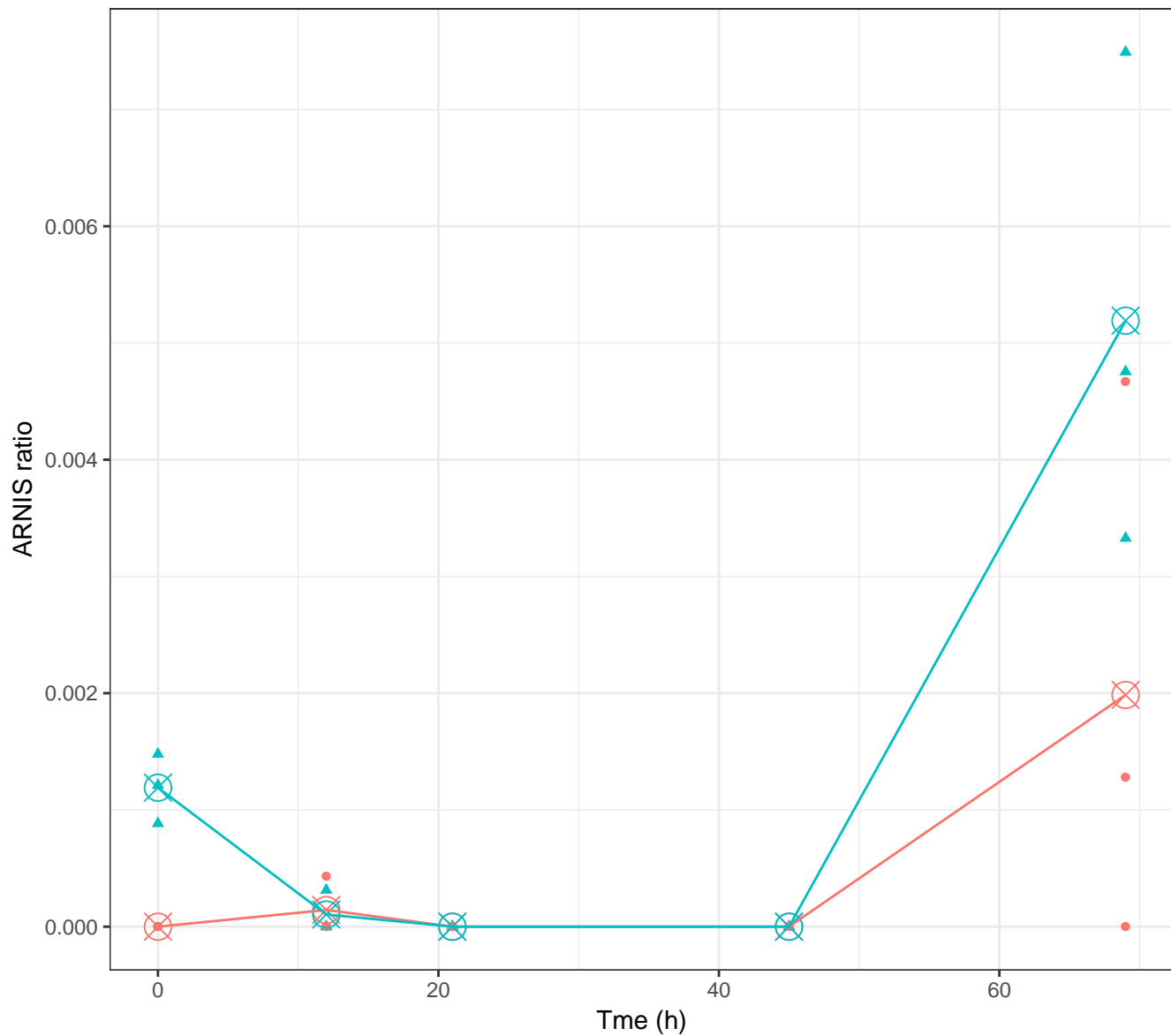


OTU.404_Alphaproteobacteria_Meganema

Treatment  Control  Filtered-1micron

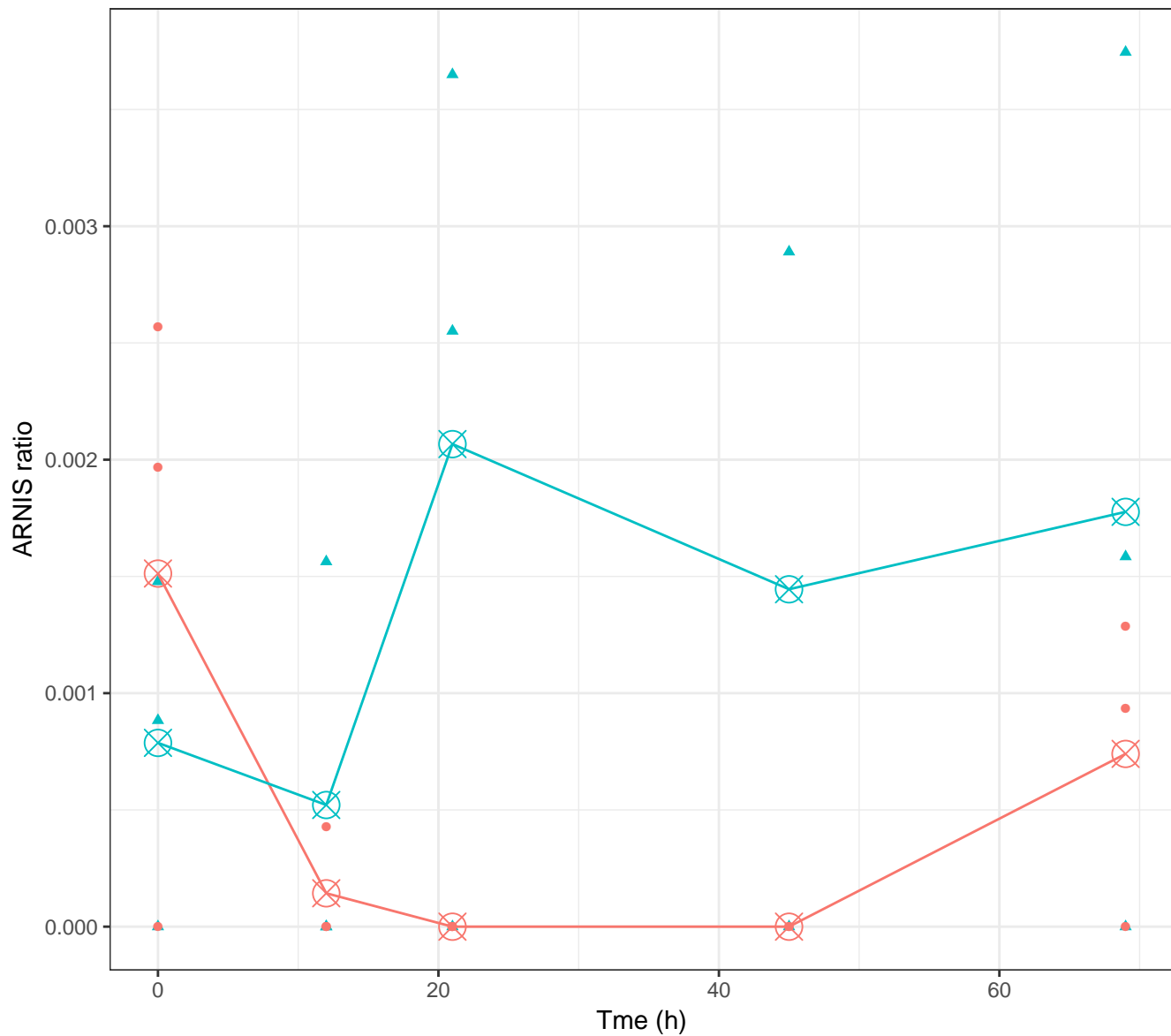


OTU.377_Actinobacteria_clade_acSTL

Treatment  Control  Filtered-1micron

OTU.1606_Verrucomicrobia_Chthoniobacterales

Treatment ⊗ Control ⊗ Filtered-1micron



OTU.253_Bacteroidetes_Flavobacterium

Treatment ⊗ Control ⊗ Filtered-1micron

