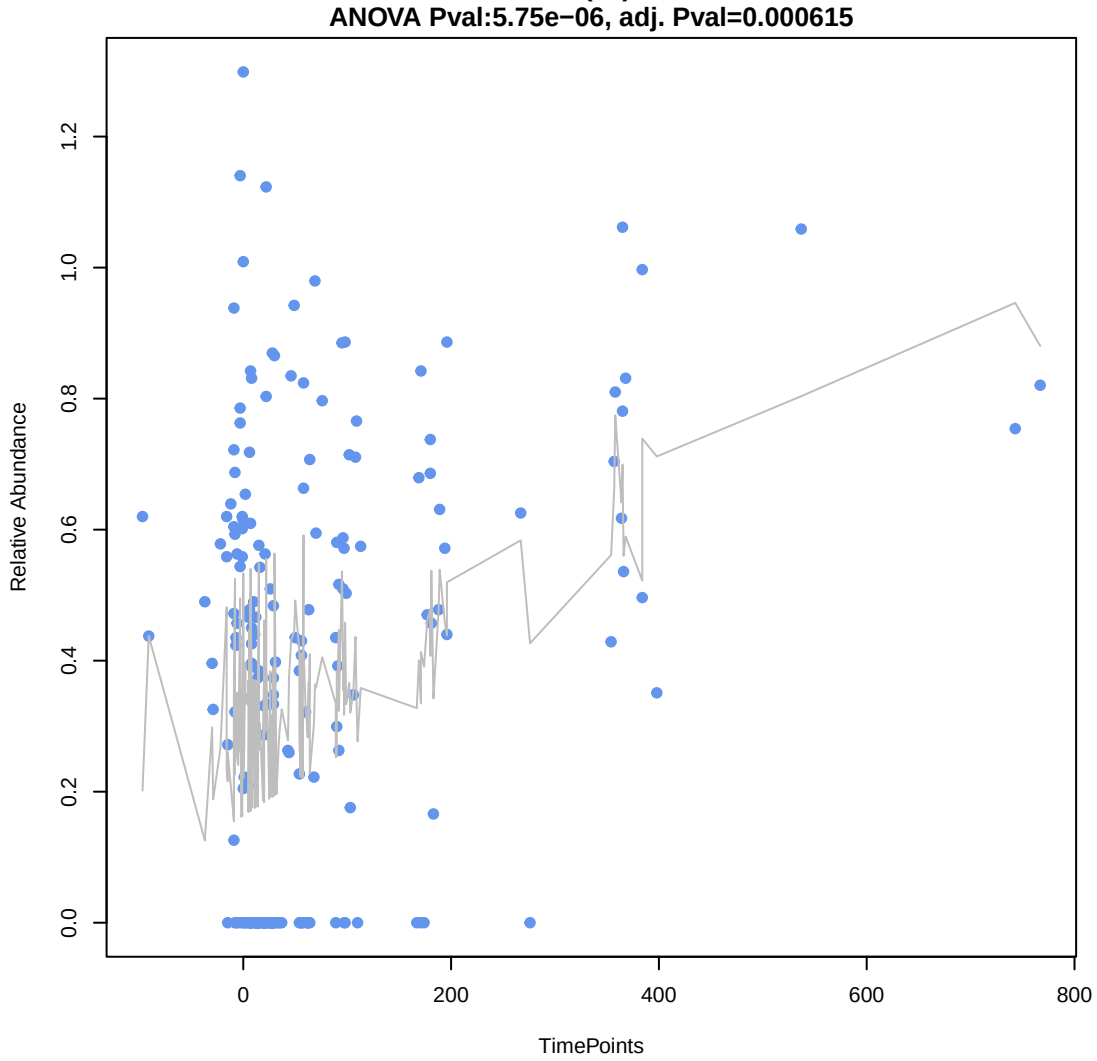
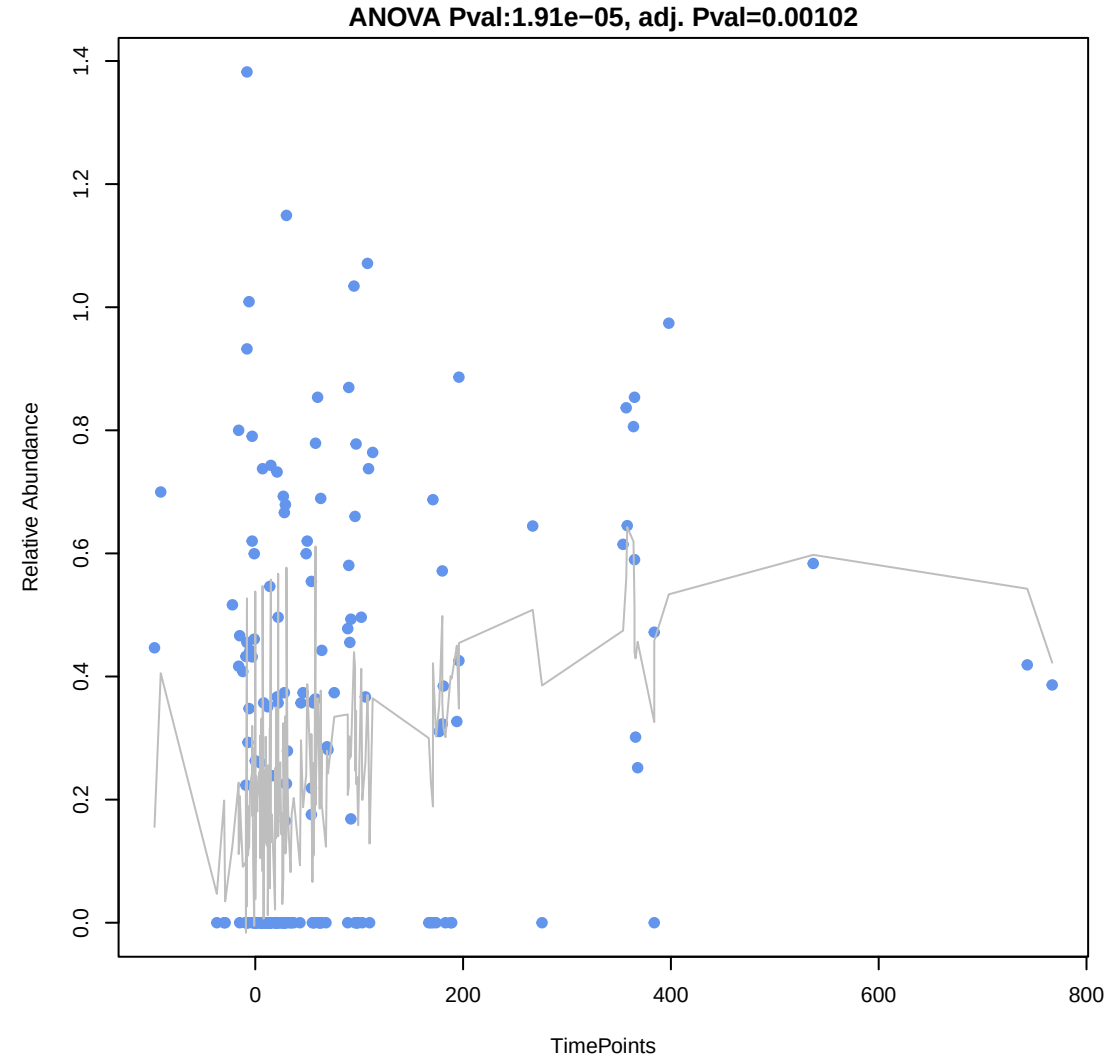
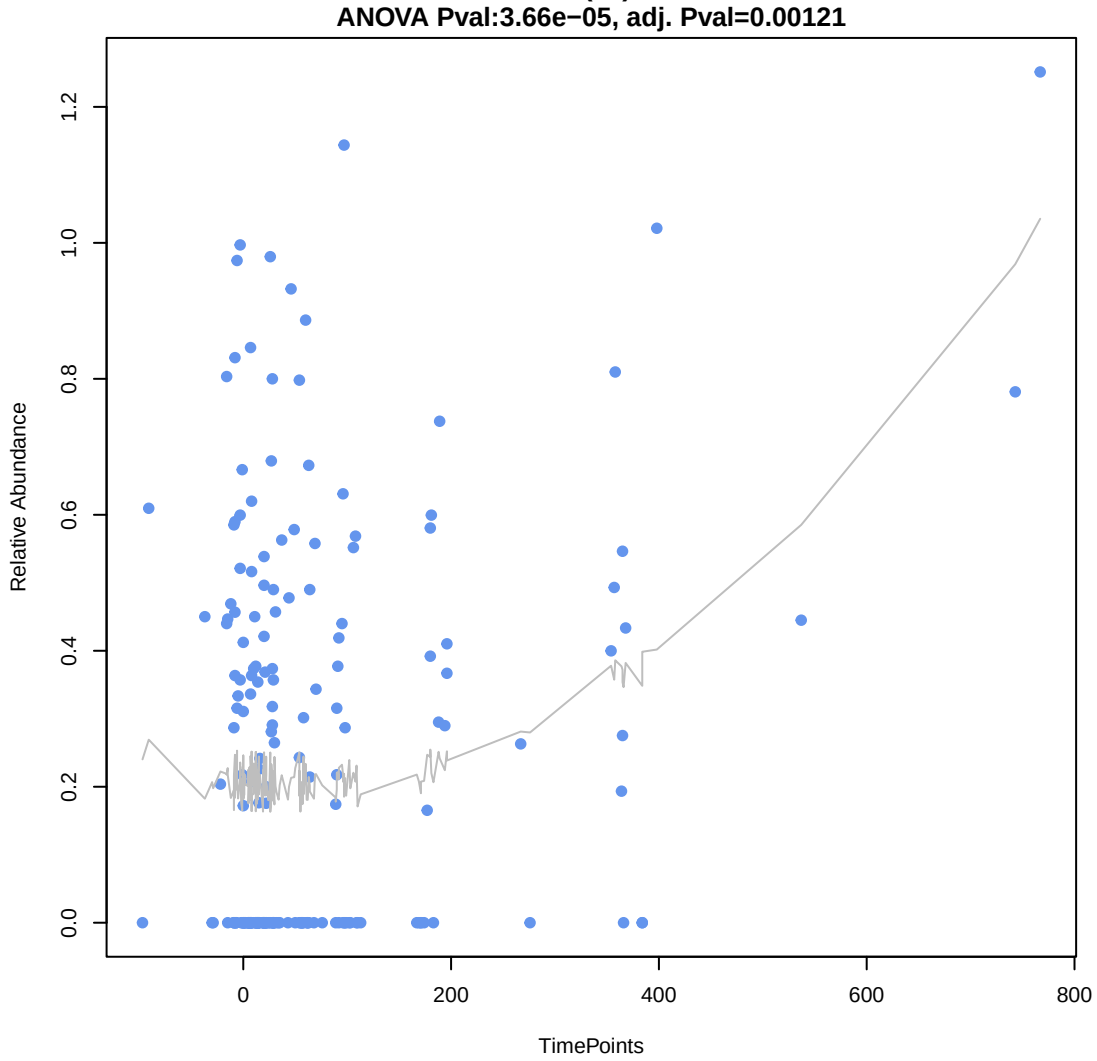
RGI
tet(36)
ANOVA Pval:5.75e−06, adj. Pval=0.000615



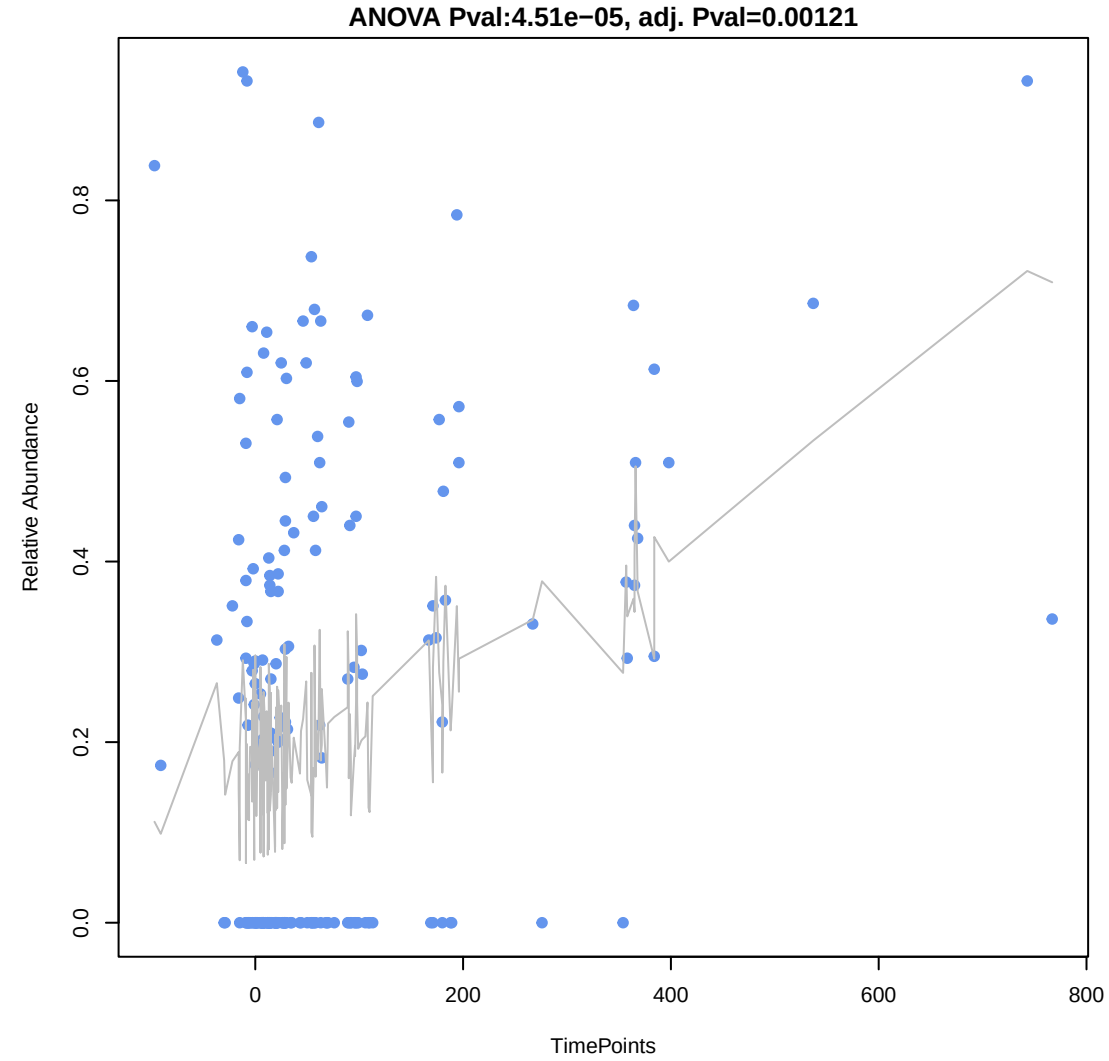
RGI
nimA
ANOVA Pval:1.91e−05, adj. Pval=0.00102



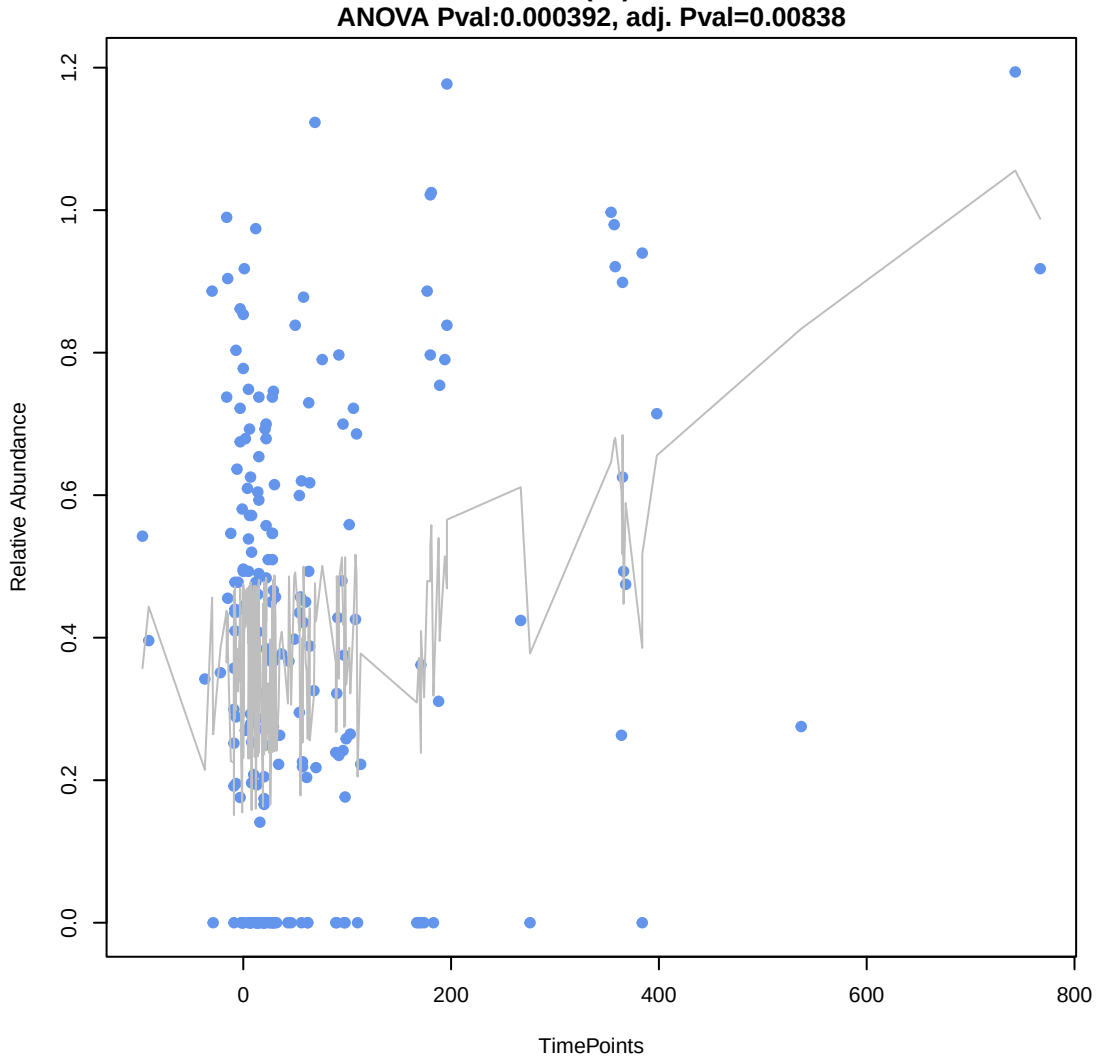
RGI
tet(44)
ANOVA Pval:3.66e−05, adj. Pval=0.00121



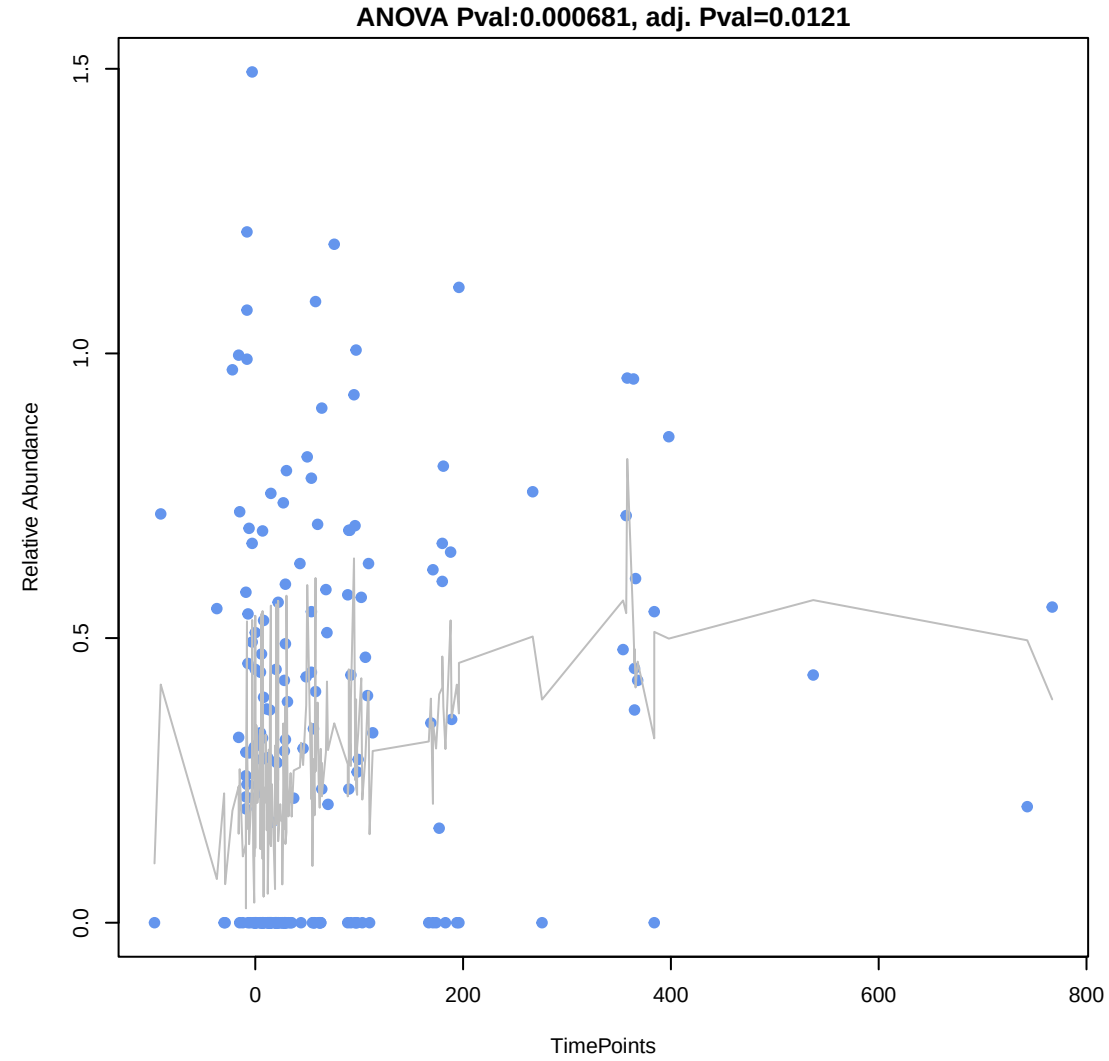
RGI
bacA
ANOVA Pval:4.51e−05, adj. Pval=0.00121



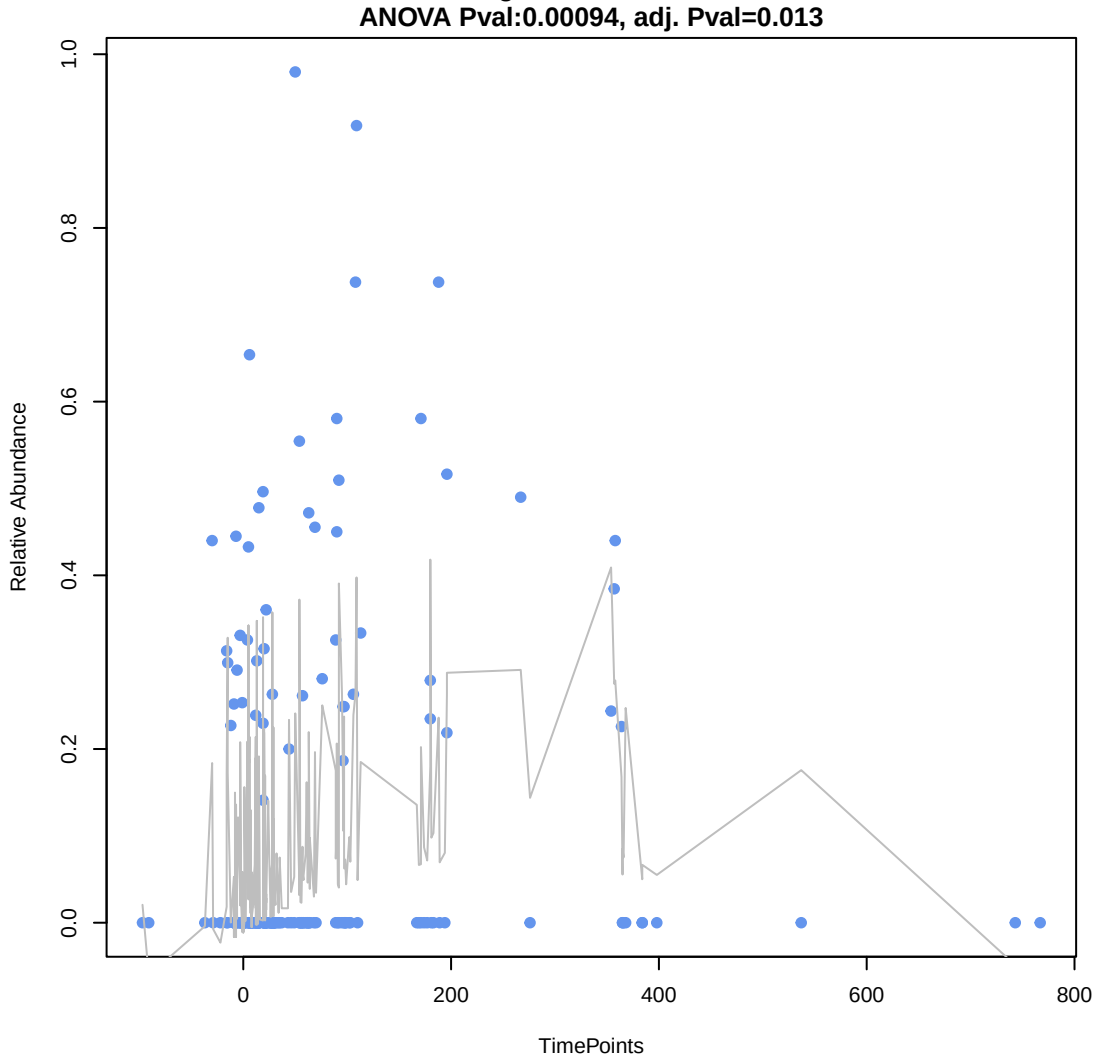
RGI
tet(32)
ANOVA Pval:0.000392, adj. Pval=0.00838



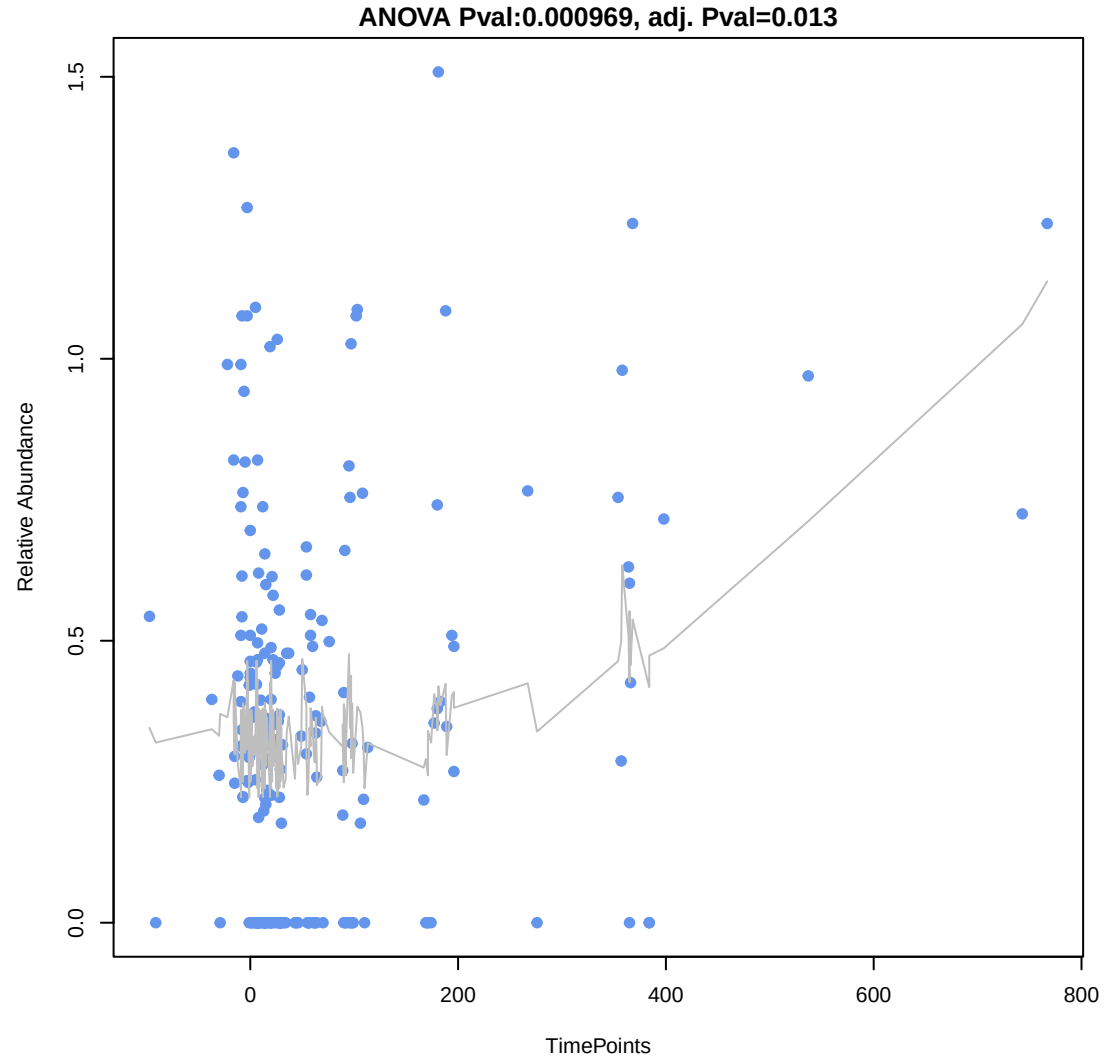
RGI
nimJ
ANOVA Pval:0.000681, adj. Pval=0.0121



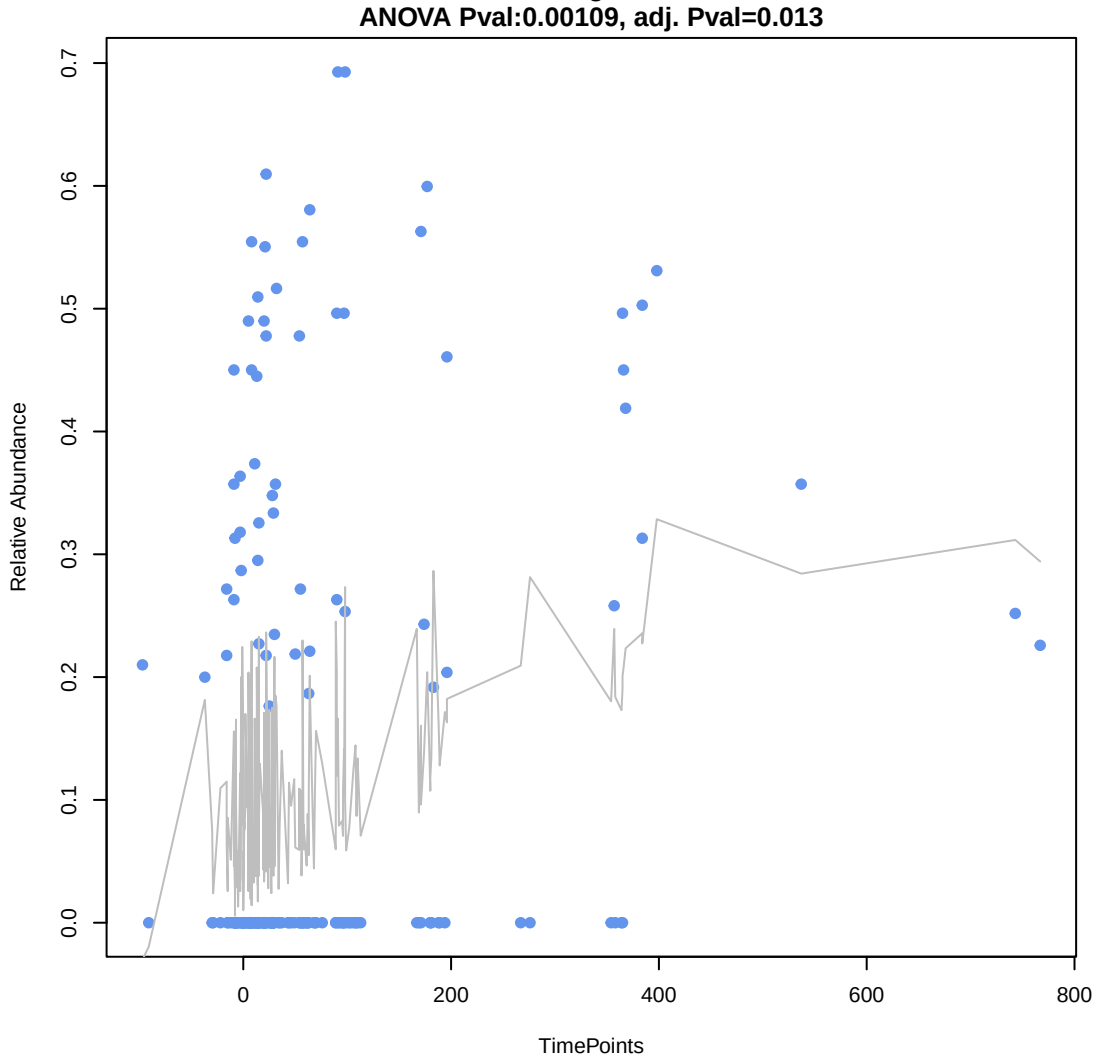
RGI
vanR gene in vanE cluster
ANOVA Pval:0.00094, adj. Pval=0.013



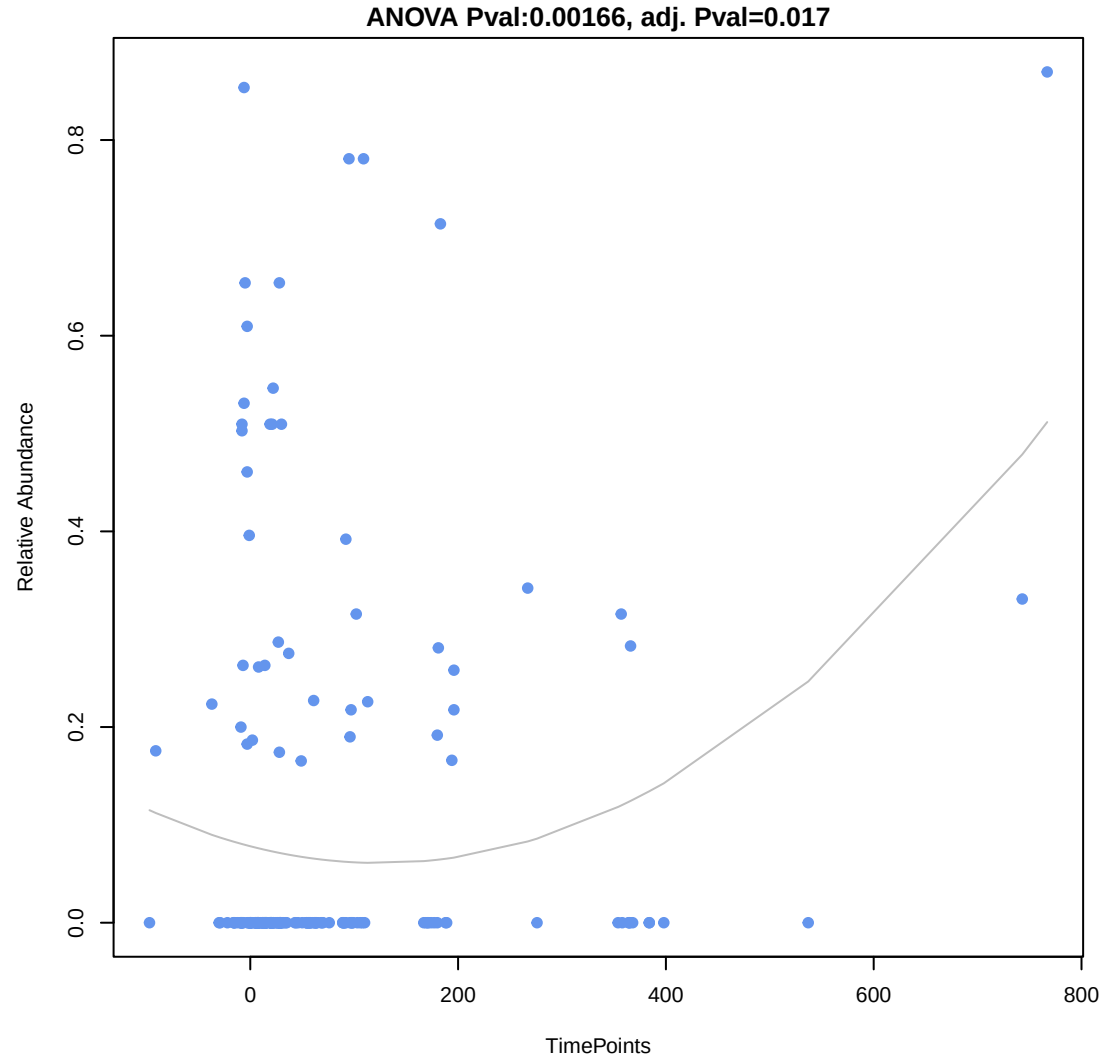
RGI
BlaB−16
ANOVA Pval:0.000969, adj. Pval=0.013



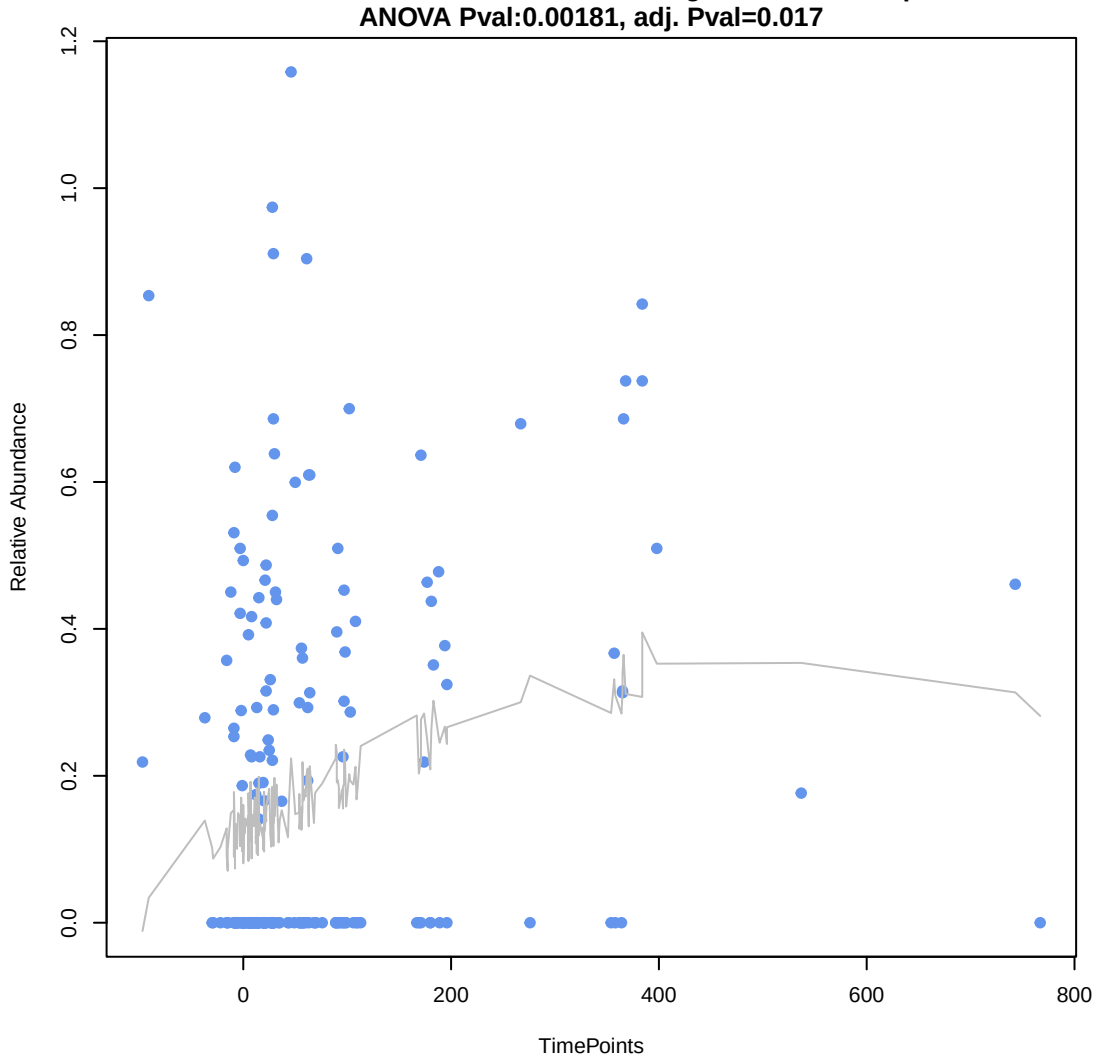
RGI
evgA
ANOVA Pval:0.00109, adj. Pval=0.013



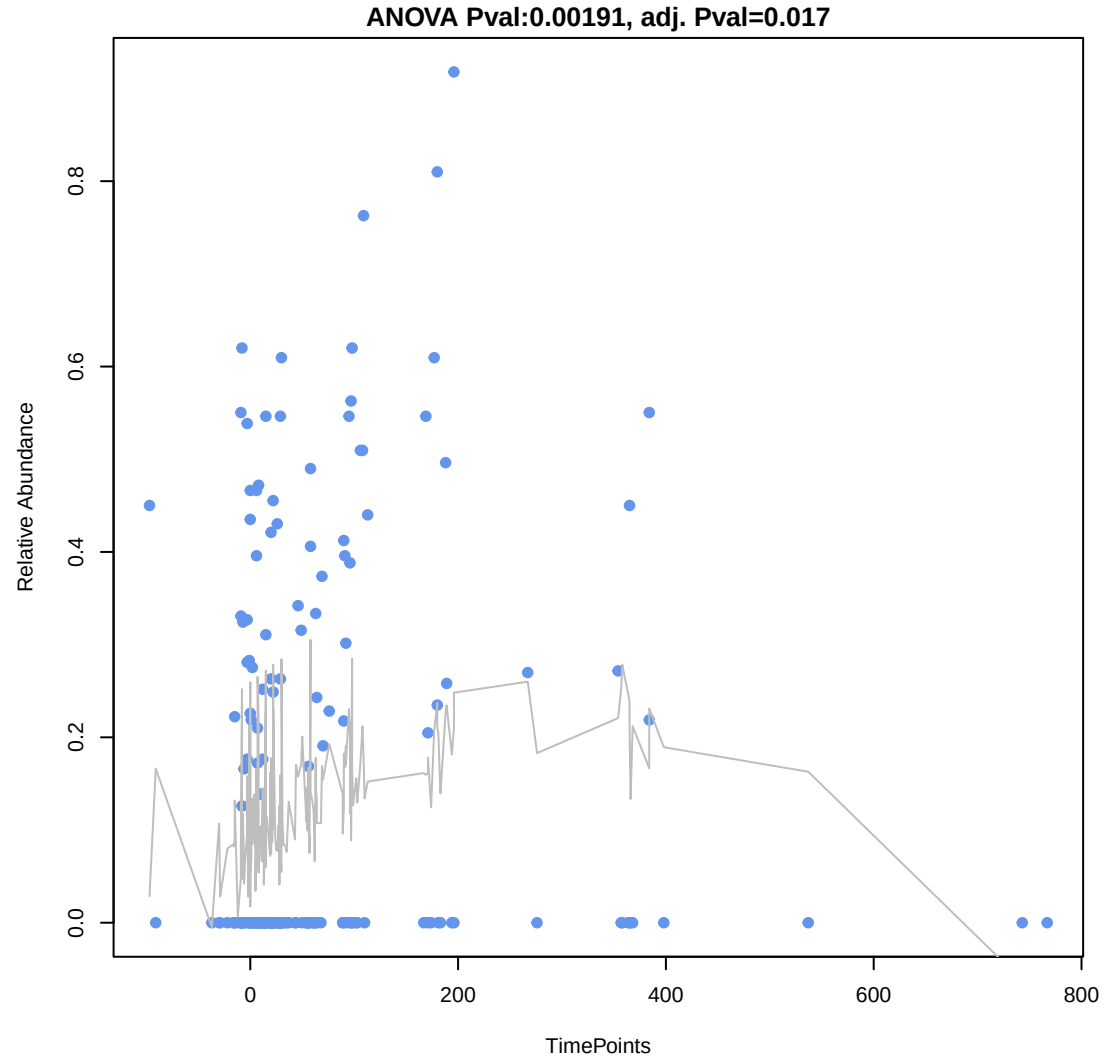
RGI
adeA
ANOVA Pval:0.00166, adj. Pval=0.017

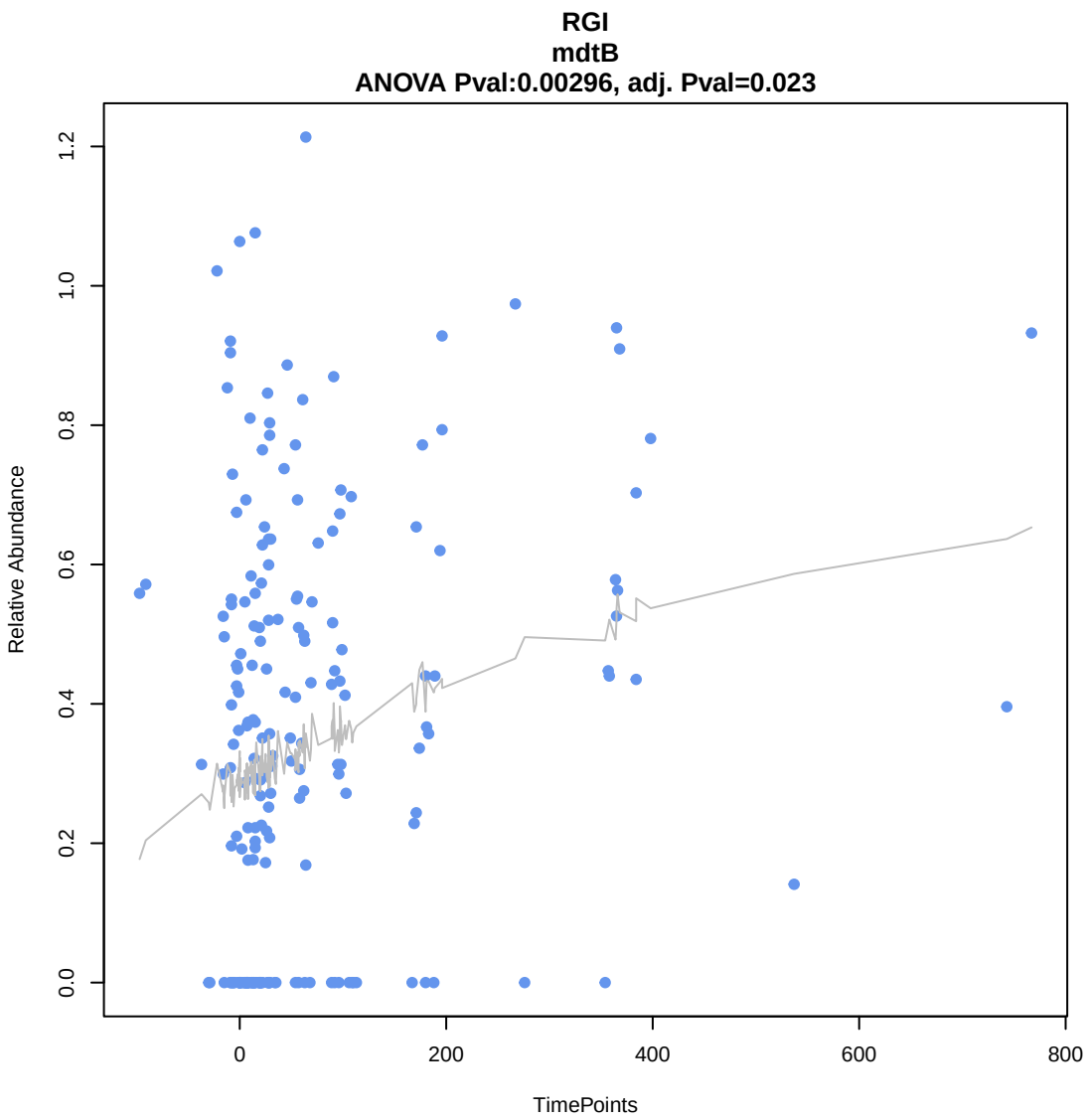


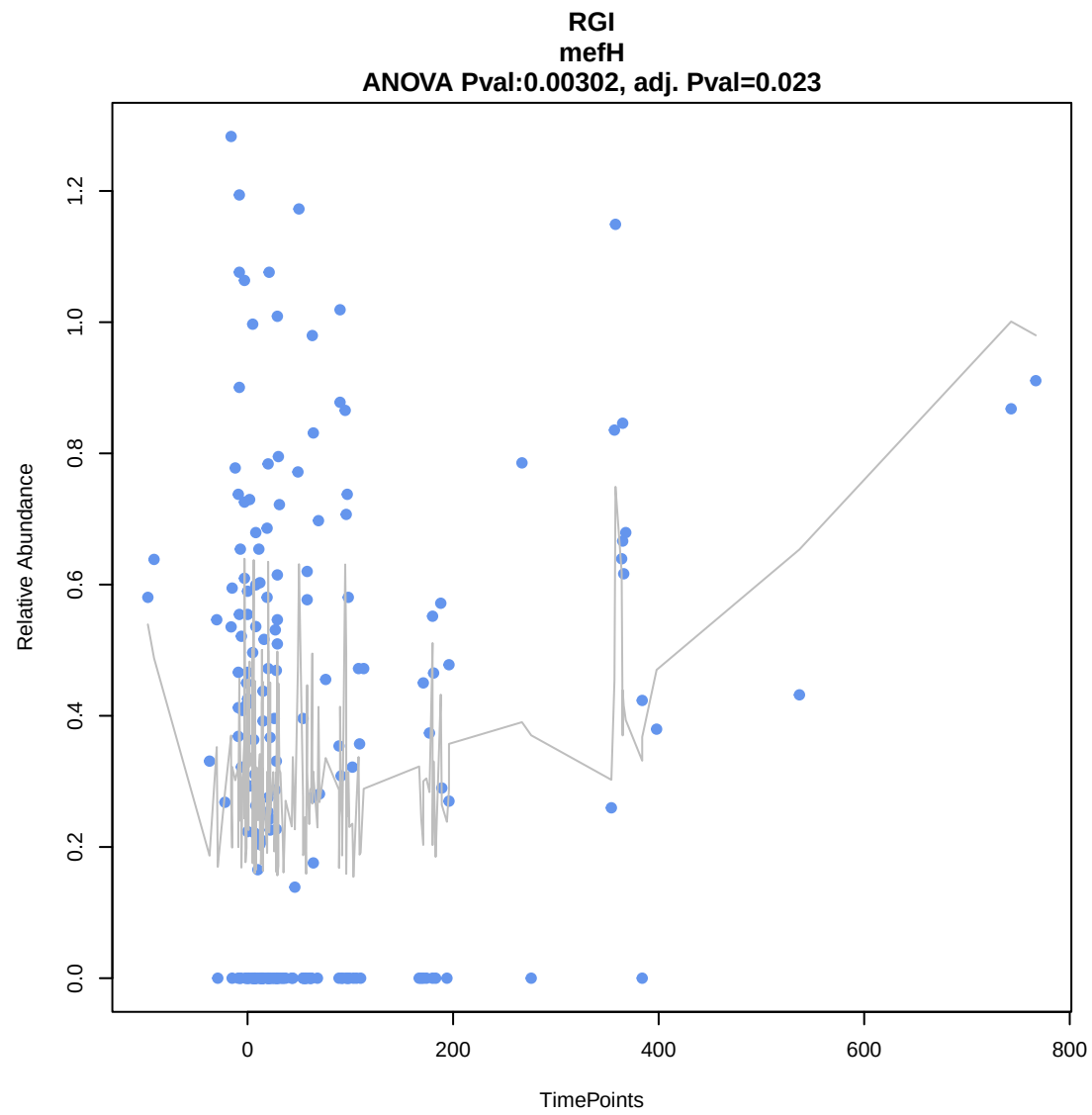
RGI
scherichia coli AcrAB−TolC with MarR mutations conferring resistance to ciprofloxacin and
ANOVA Pval:0.00181, adj. Pval=0.017

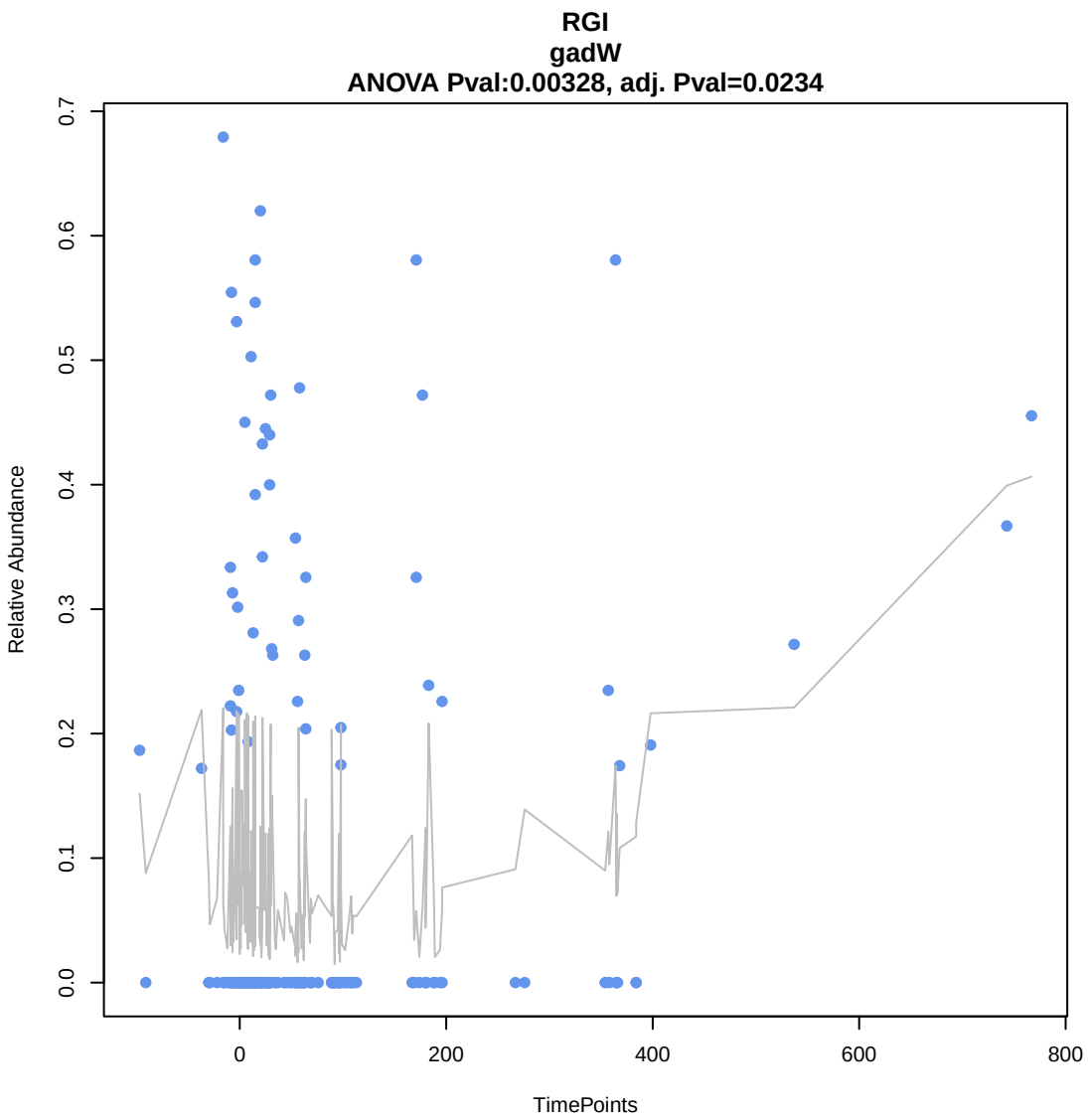


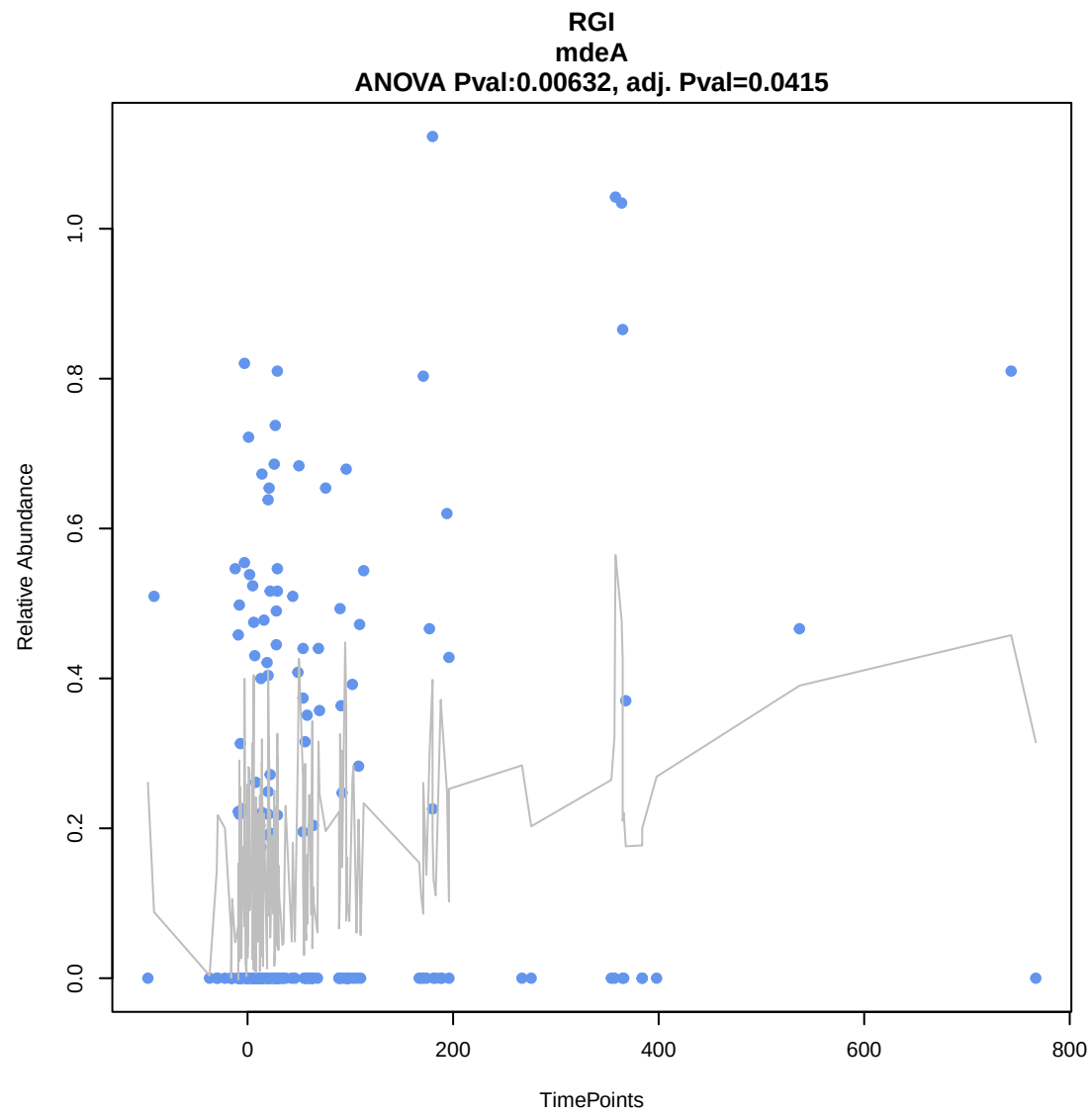
RGI
farB
ANOVA Pval:0.00191, adj. Pval=0.017

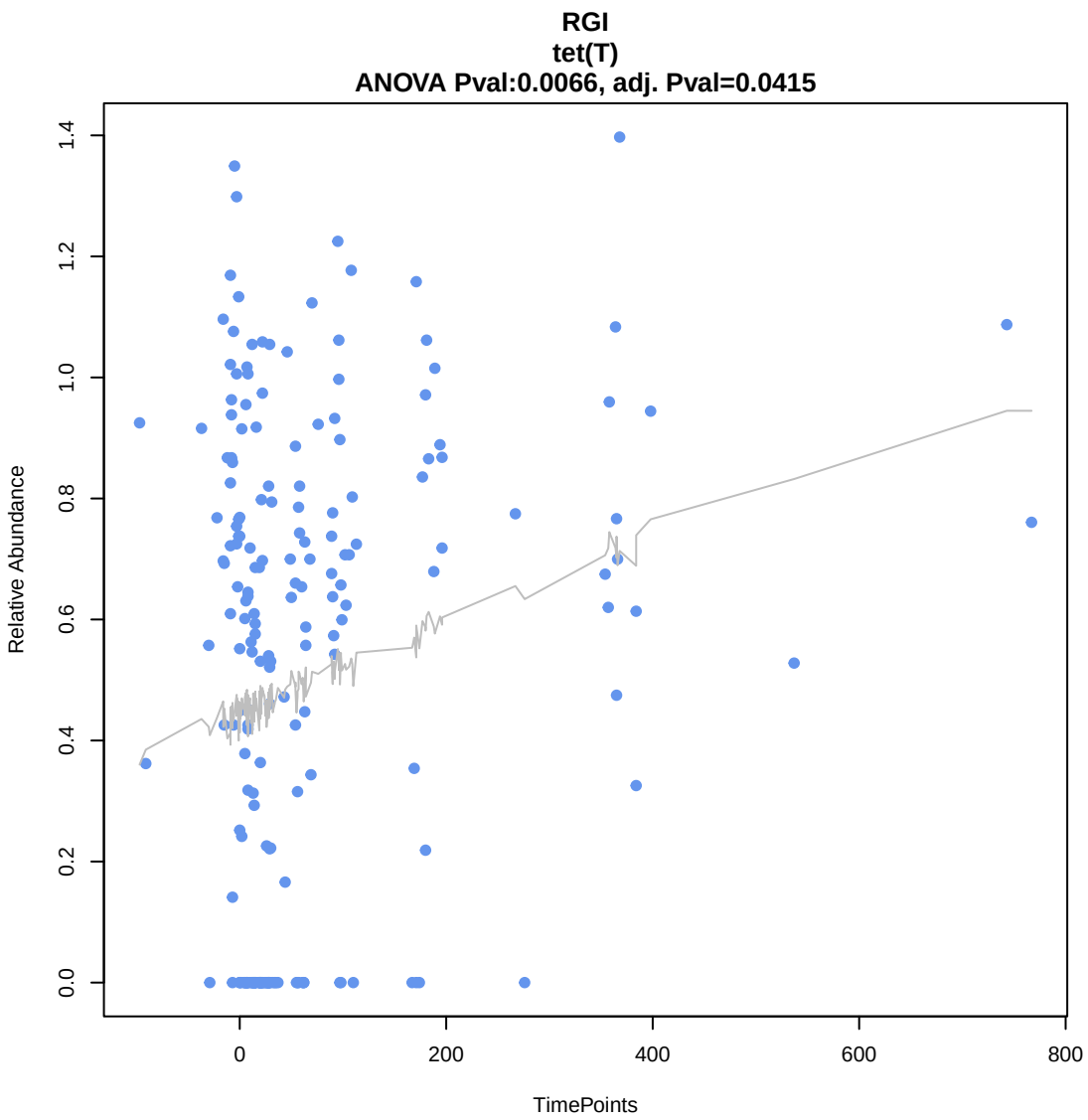


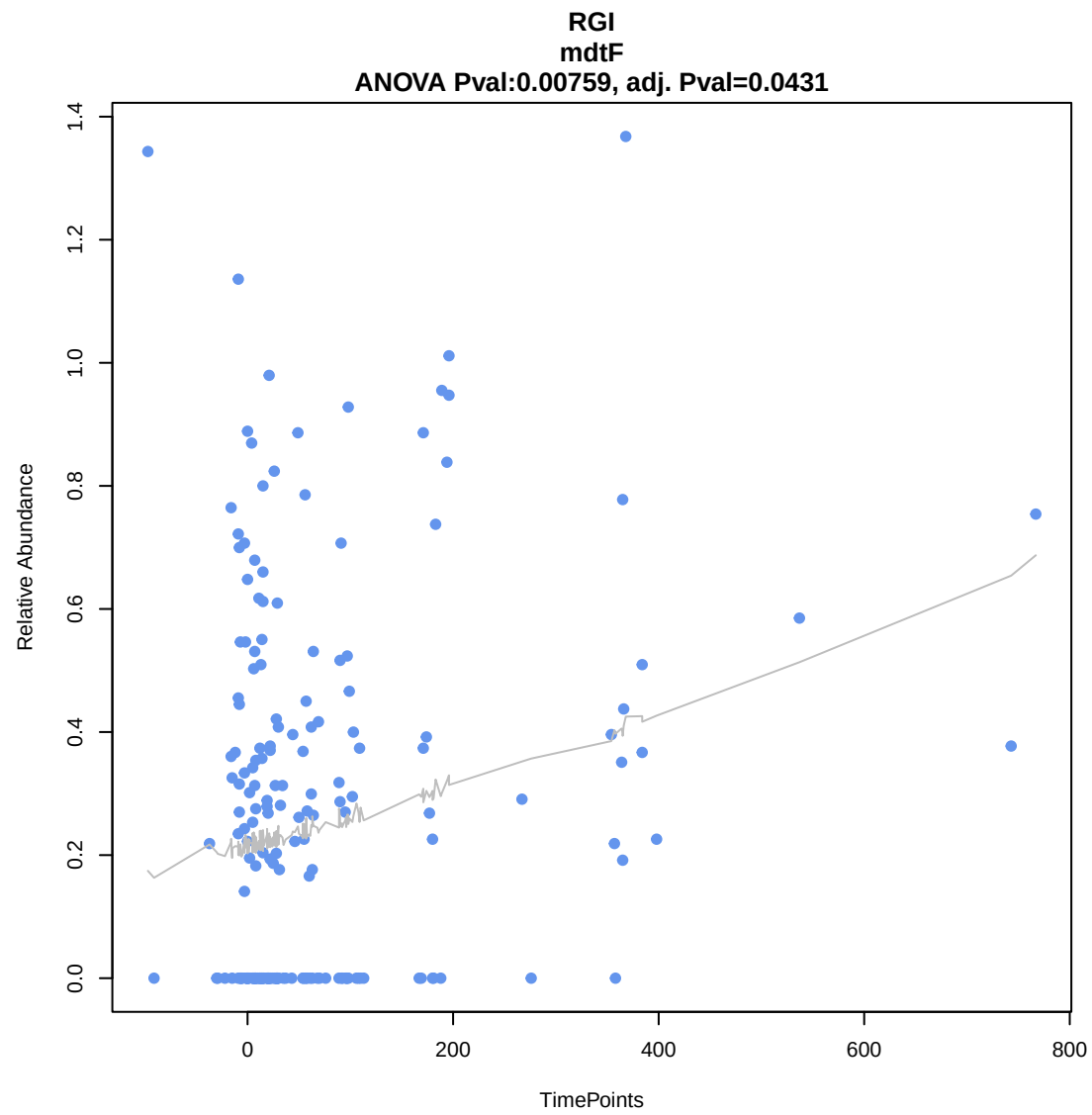

RGI
mdtB
ANOVA Pval:0.00296, adj. Pval=0.023
Relative Abundance
TimePoints

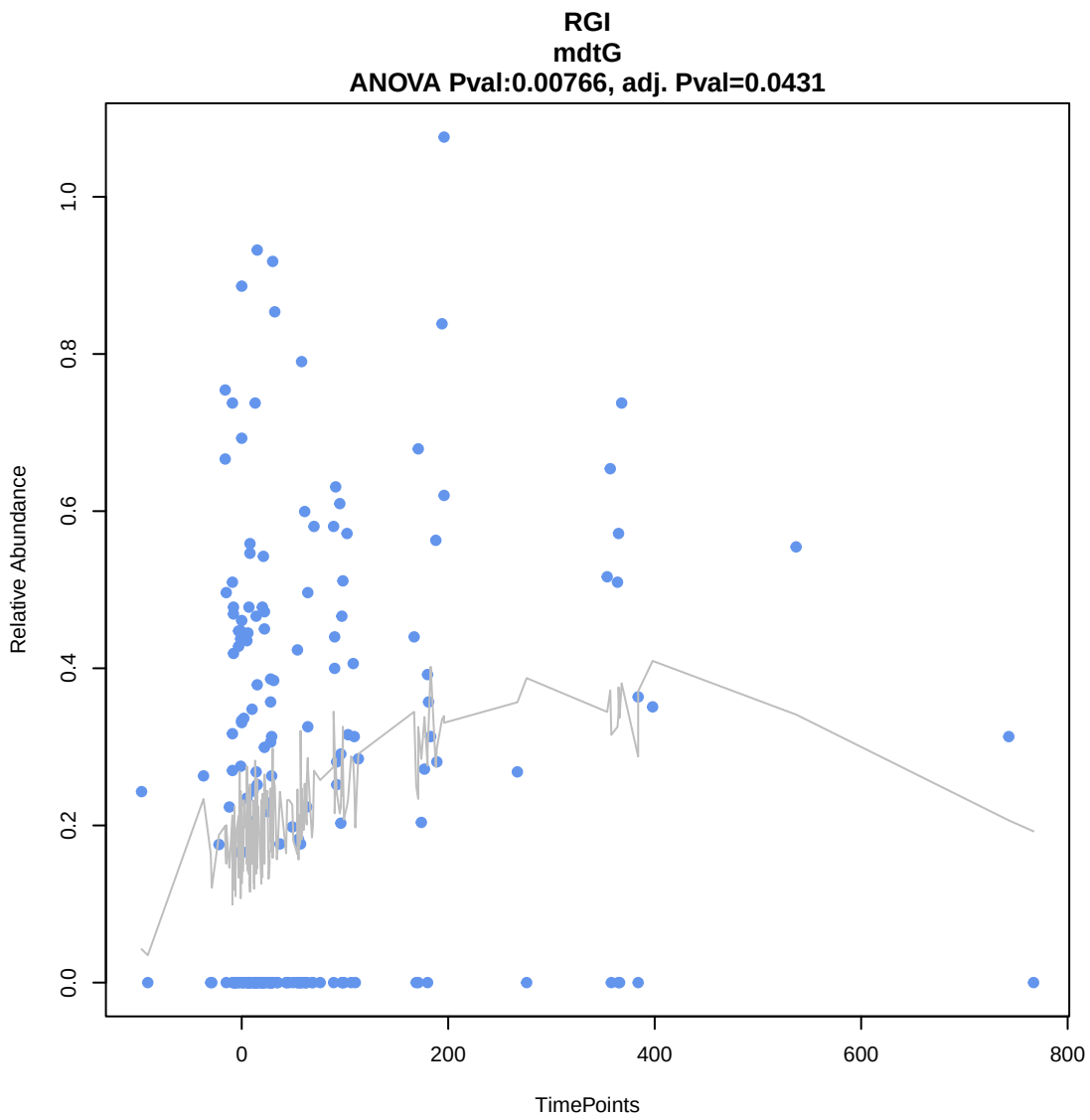

RGI
mefH
ANOVA Pval:0.00302, adj. Pval=0.023
Relative Abundance
TimePoints

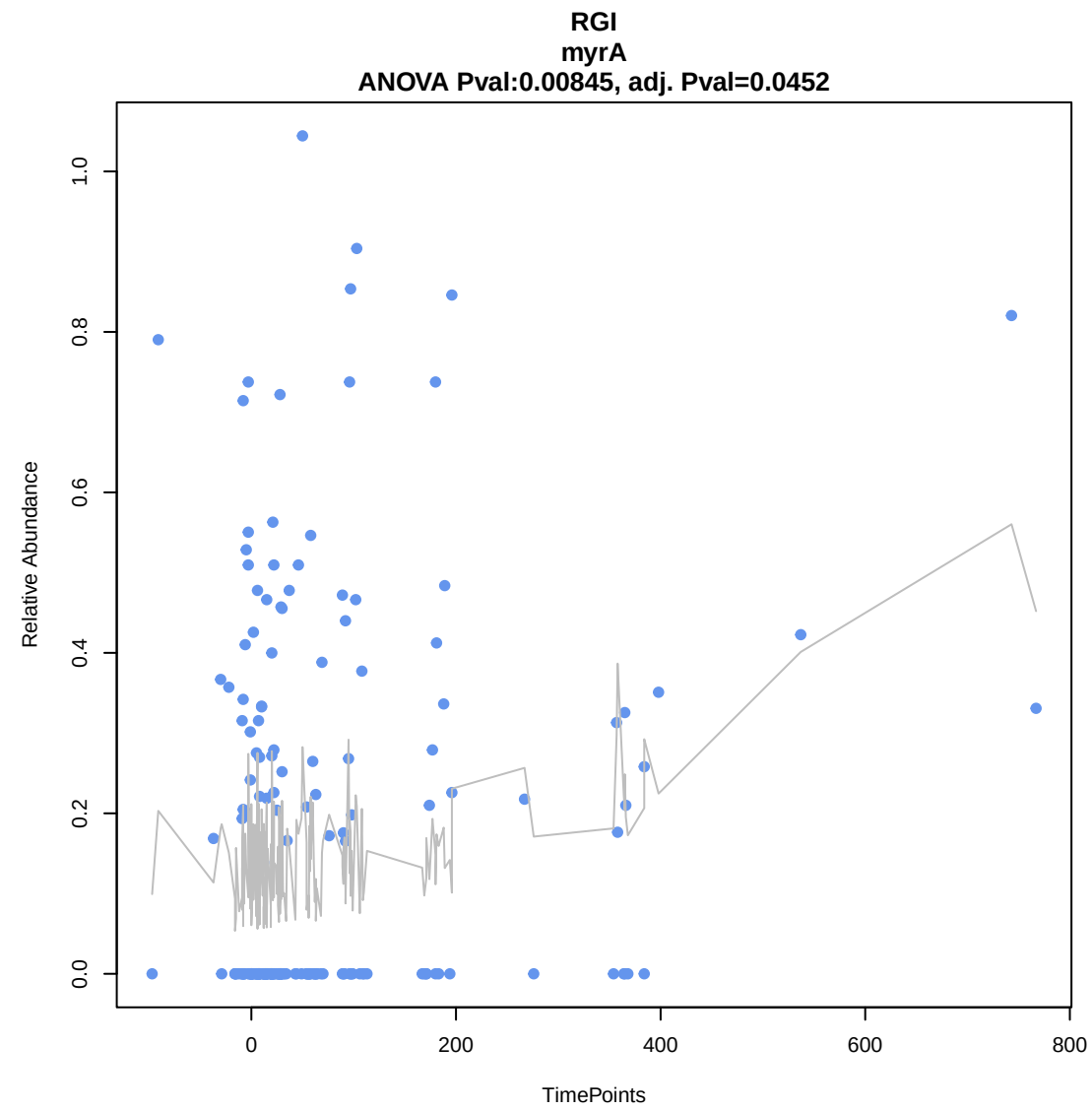

RGI
gadW
ANOVA Pval:0.00328, adj. Pval=0.0234
Relative Abundance
TimePoints

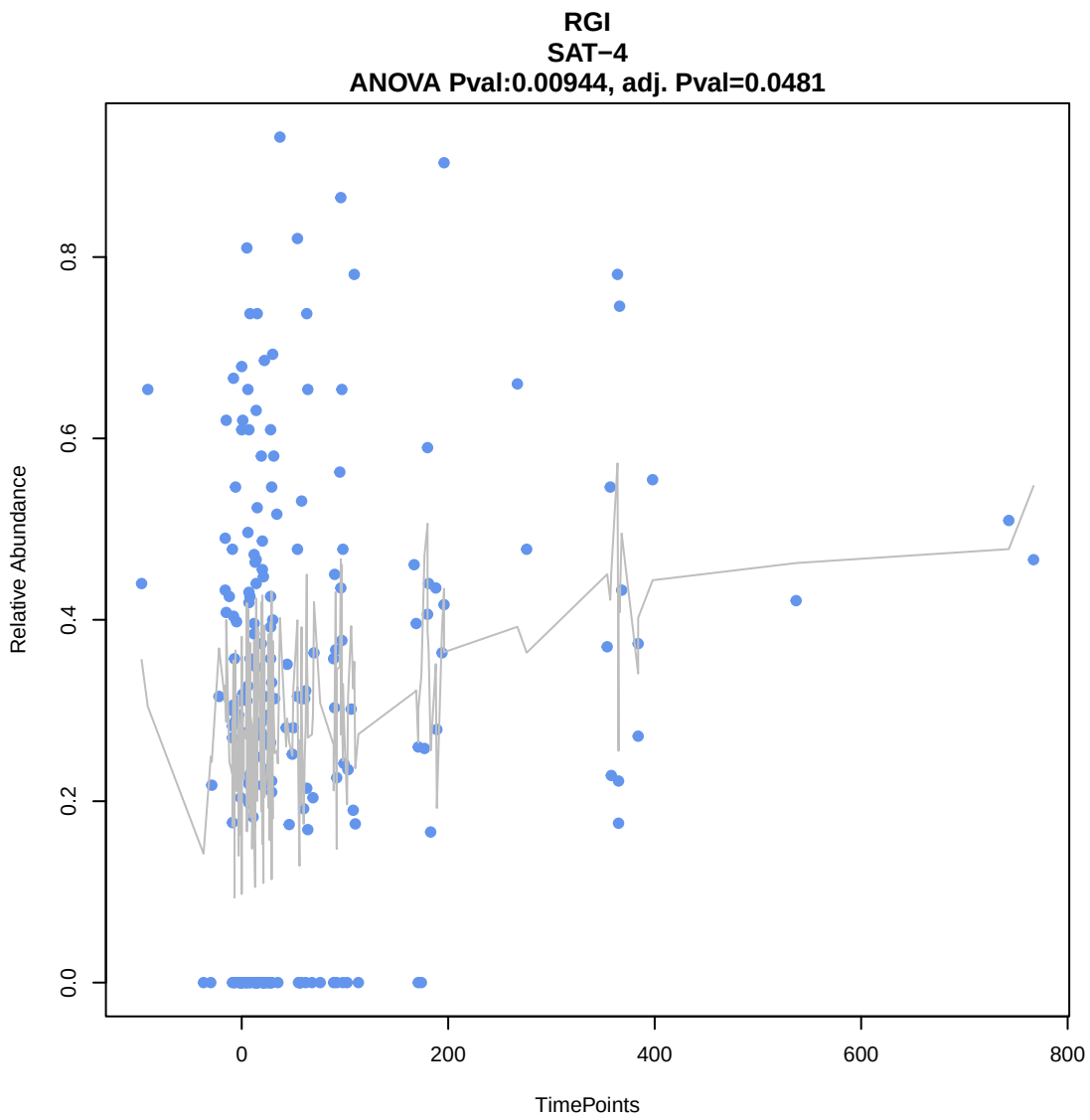

RGI
mdeA
ANOVA Pval:0.00632, adj. Pval=0.0415
Relative Abundance
TimePoints

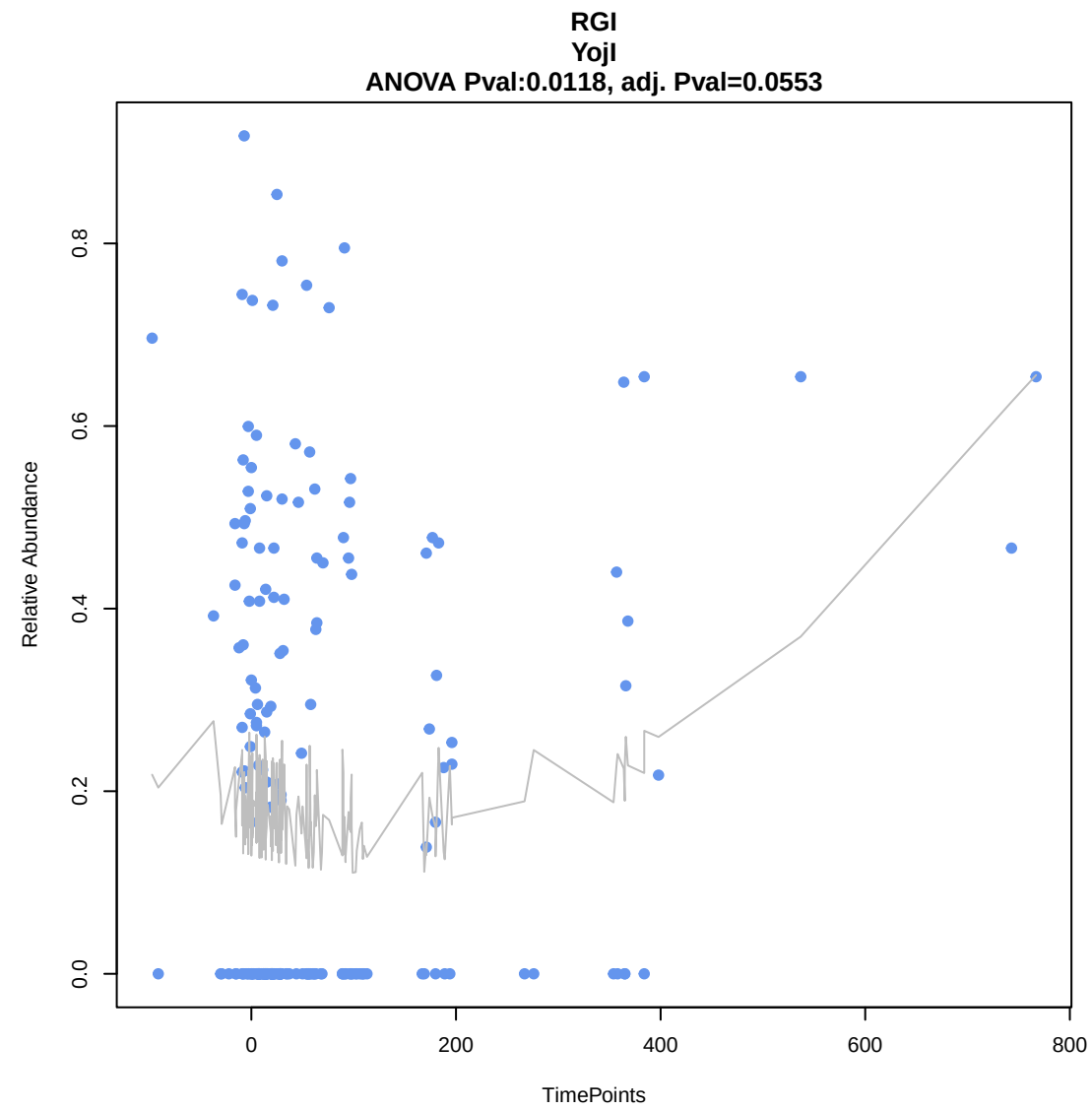

RGI
tet(T)
ANOVA Pval:0.0066, adj. Pval=0.0415
Relative Abundance
TimePoints

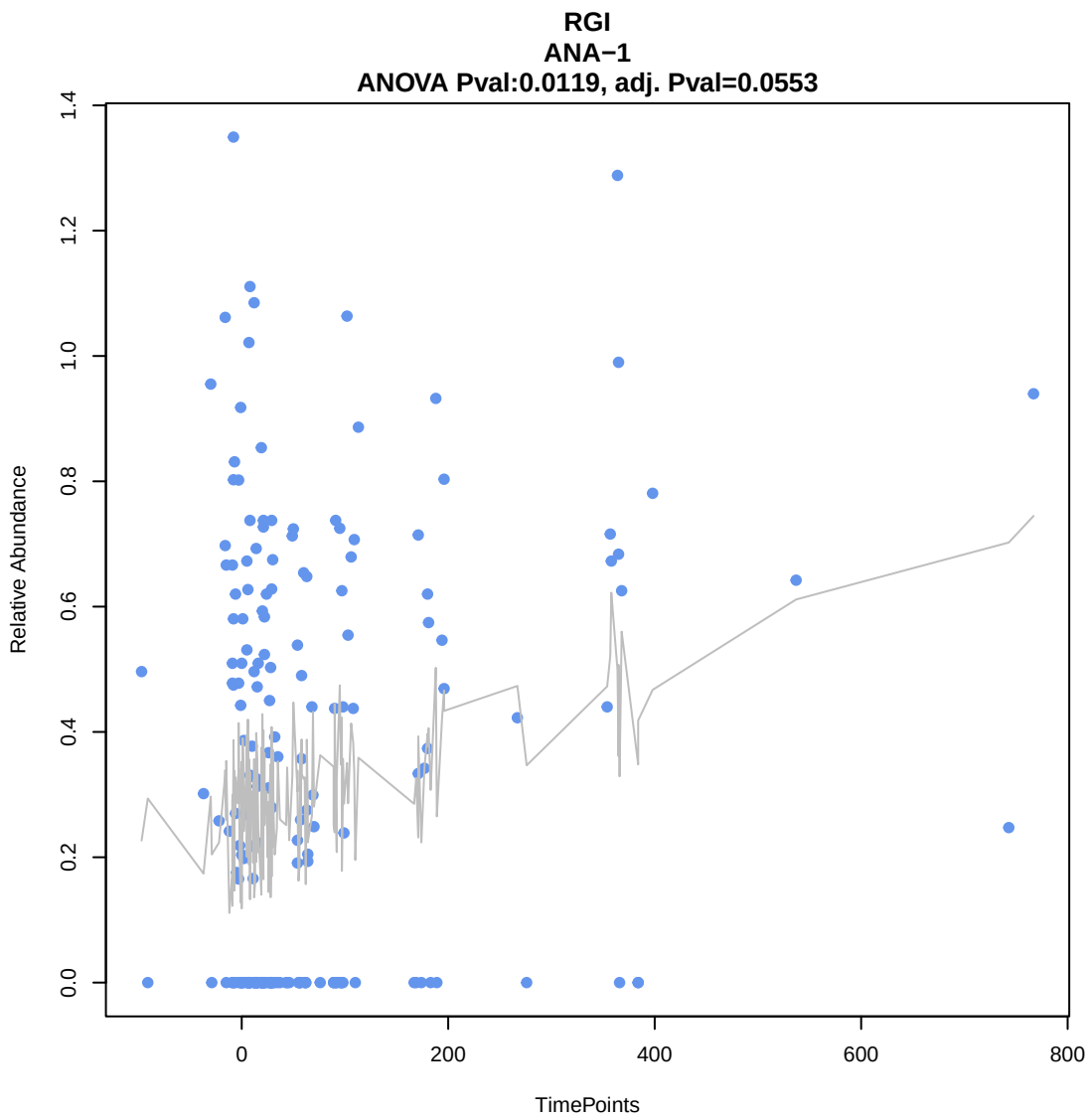

RGI
mdtF
ANOVA Pval:0.00759, adj. Pval=0.0431
Relative Abundance
TimePoints

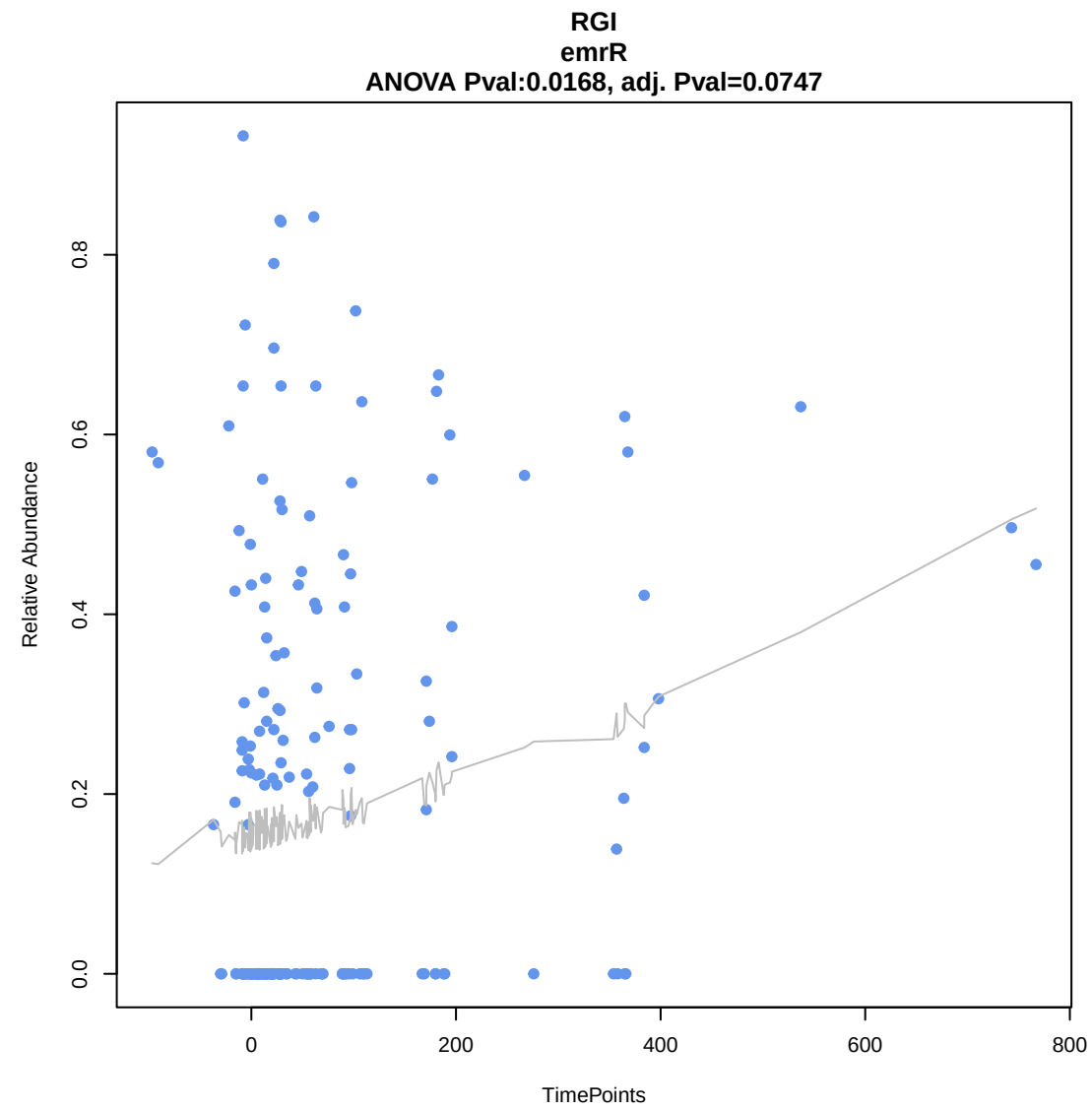

RGI
mdtG
ANOVA Pval:0.00766, adj. Pval=0.0431
Relative Abundance
TimePoints


RGI
myrA
ANOVA Pval:0.00845, adj. Pval=0.0452
Relative Abundance
TimePoints

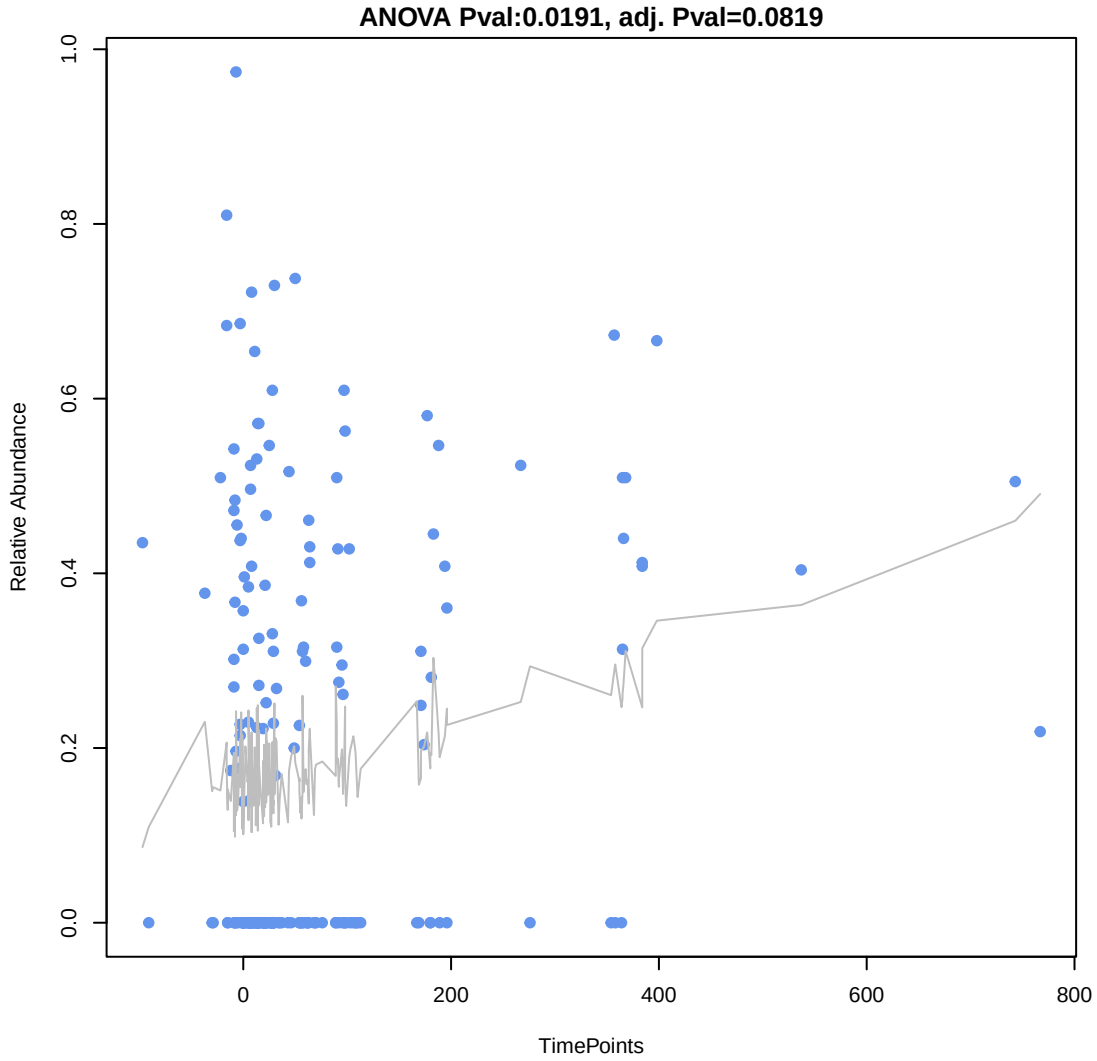

RGI
SAT−4
ANOVA Pval:0.00944, adj. Pval=0.0481
Relative Abundance
TimePoints


RGI
YojI
ANOVA Pval:0.0118, adj. Pval=0.0553
Relative Abundance
TimePoints

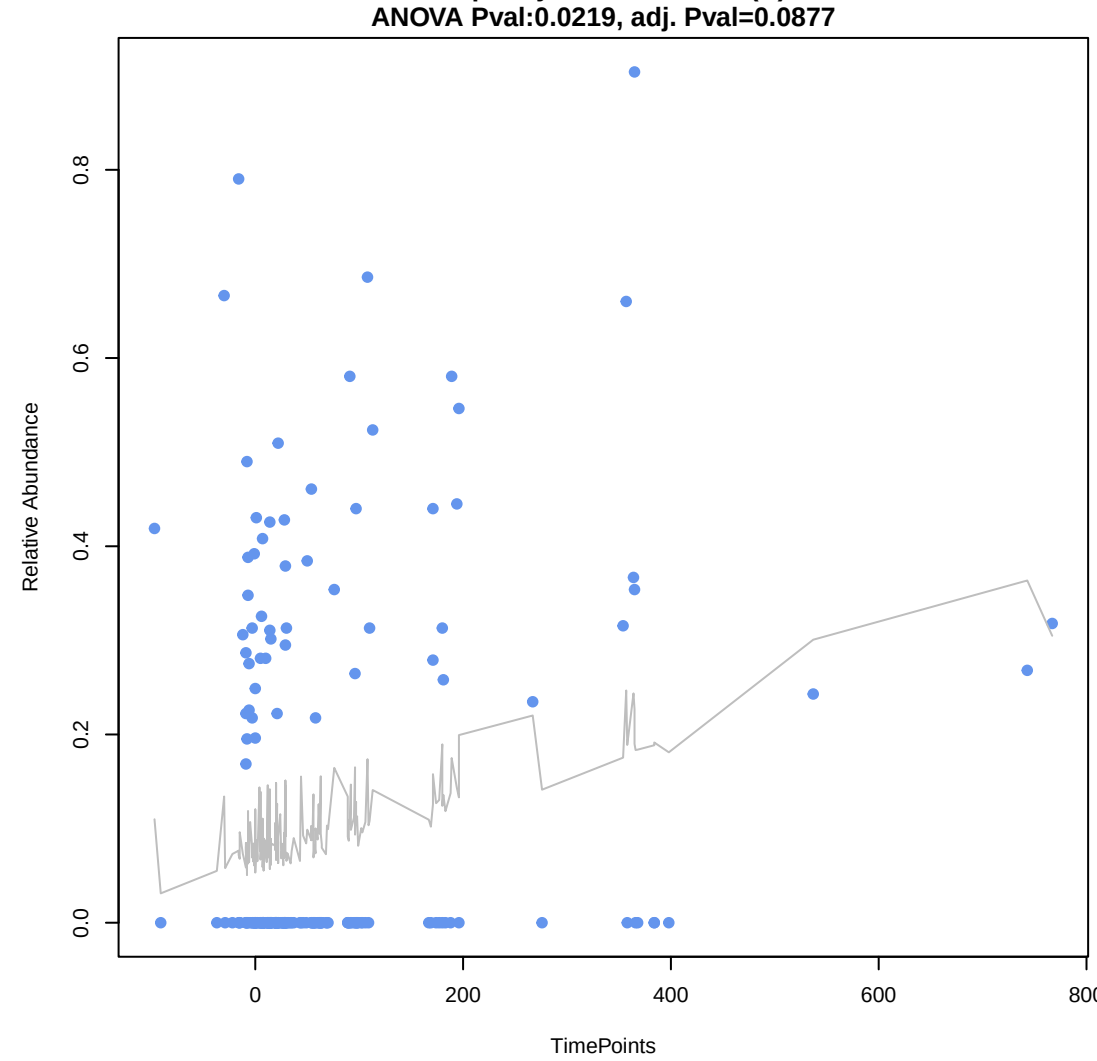

RGI
ANA−1
ANOVA Pval:0.0119, adj. Pval=0.0553
Relative Abundance
TimePoints


RGI
emrR
ANOVA Pval:0.0168, adj. Pval=0.0747
Relative Abundance
TimePoints

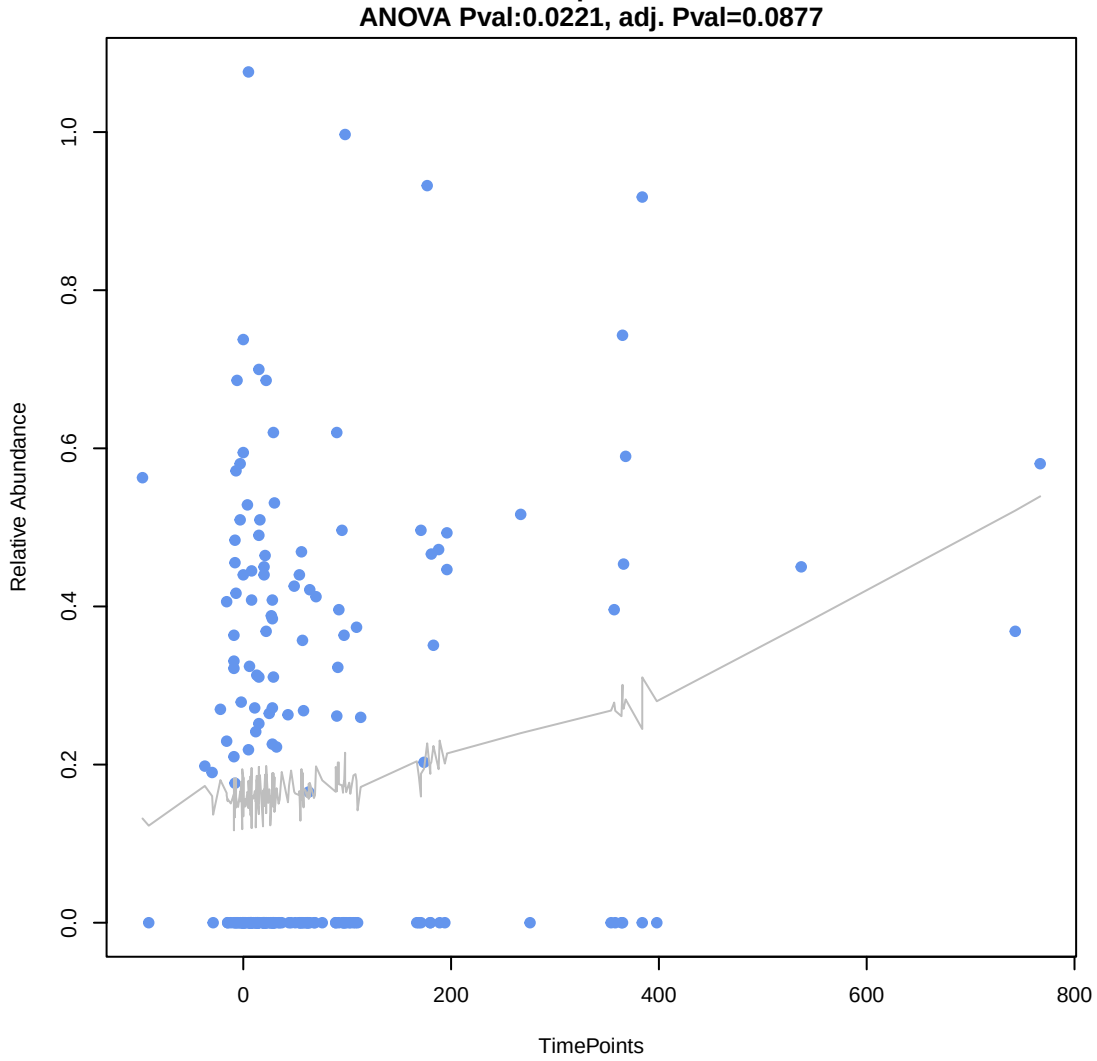
RGI
mdtH
ANOVA Pval:0.0191, adj. Pval=0.0819



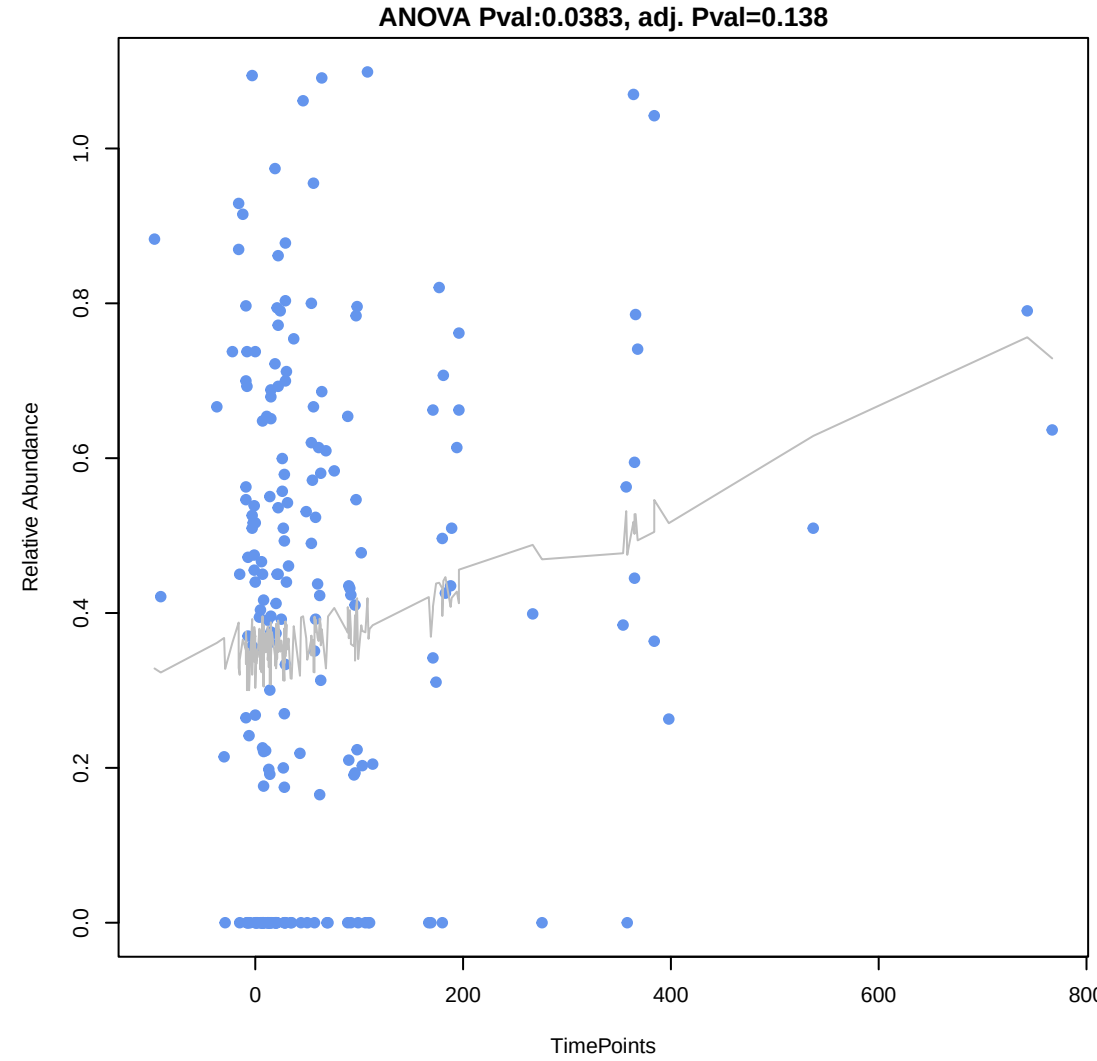
RGI
Streptomyces rimosus otr(A)
ANOVA Pval:0.0219, adj. Pval=0.0877



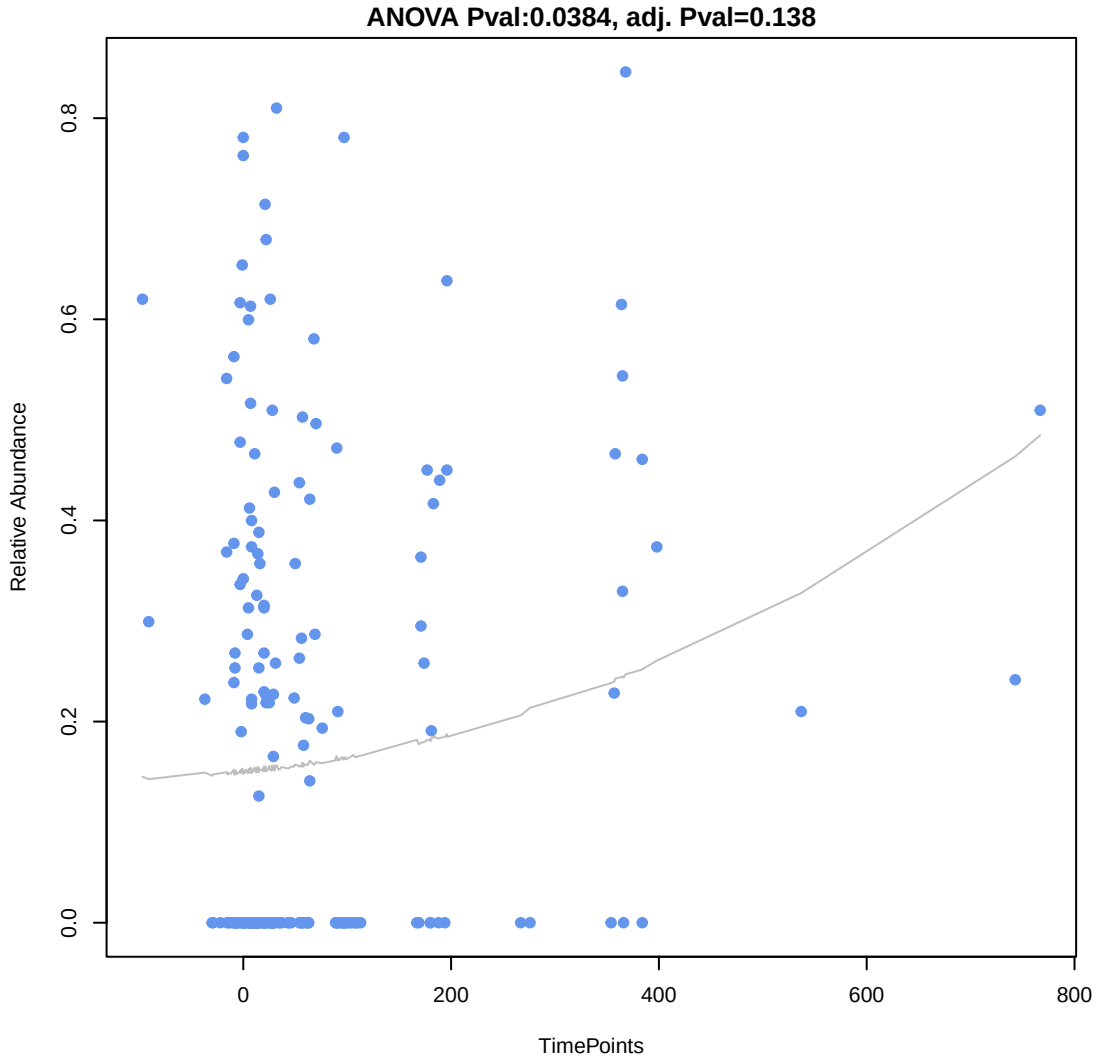
RGI
eptA
ANOVA Pval:0.0221, adj. Pval=0.0877



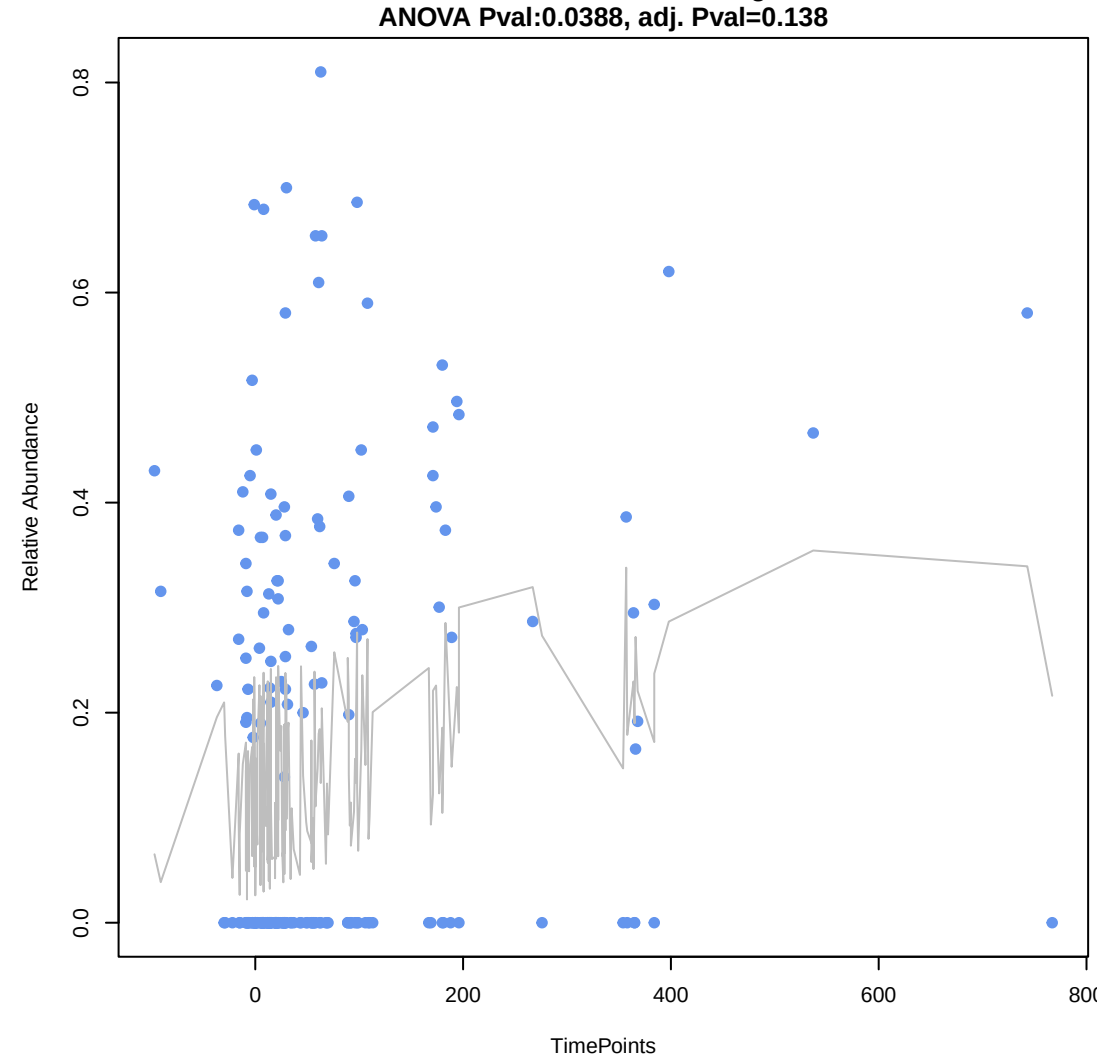
RGI
acrD
ANOVA Pval:0.0383, adj. Pval=0.138

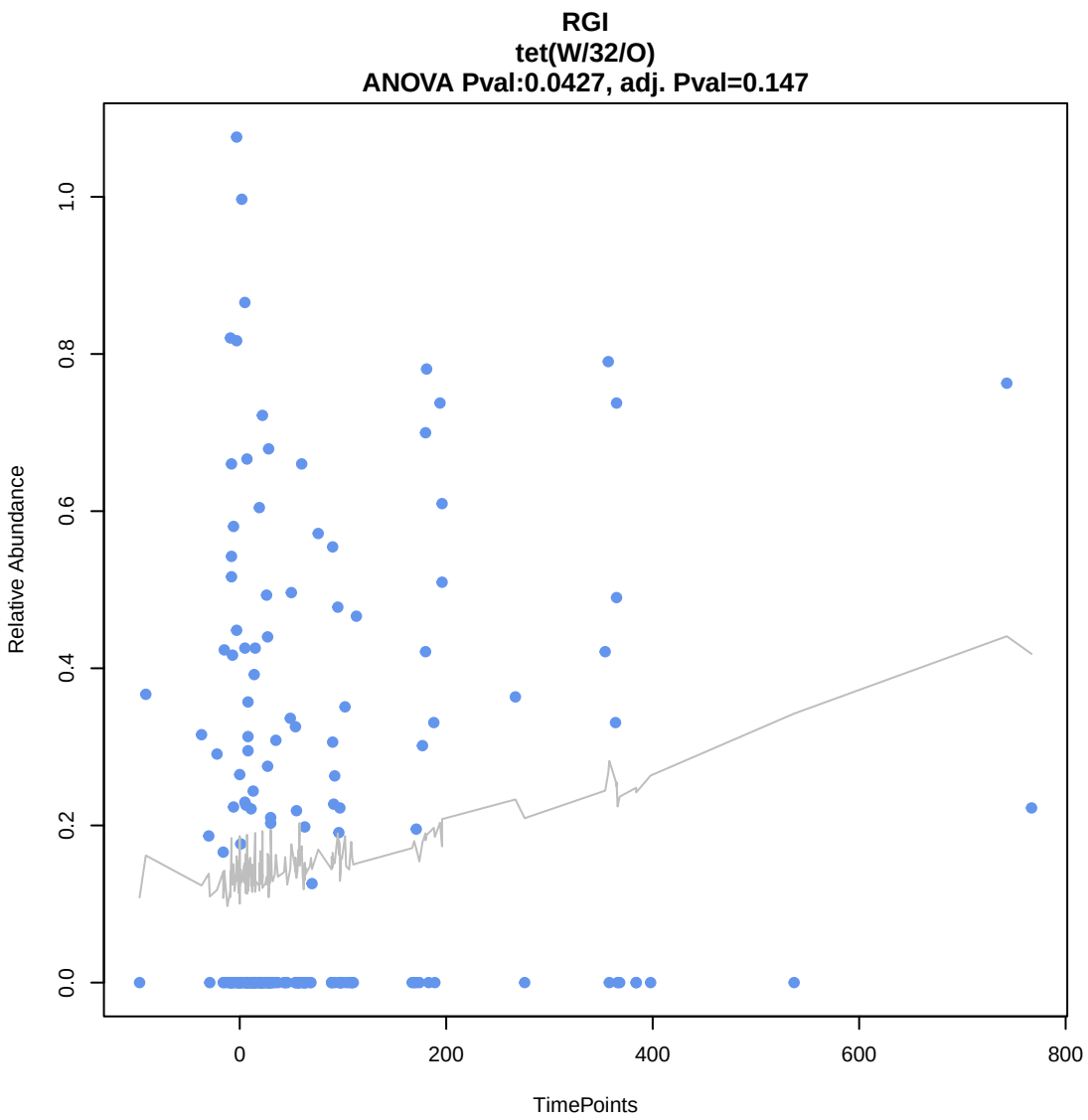


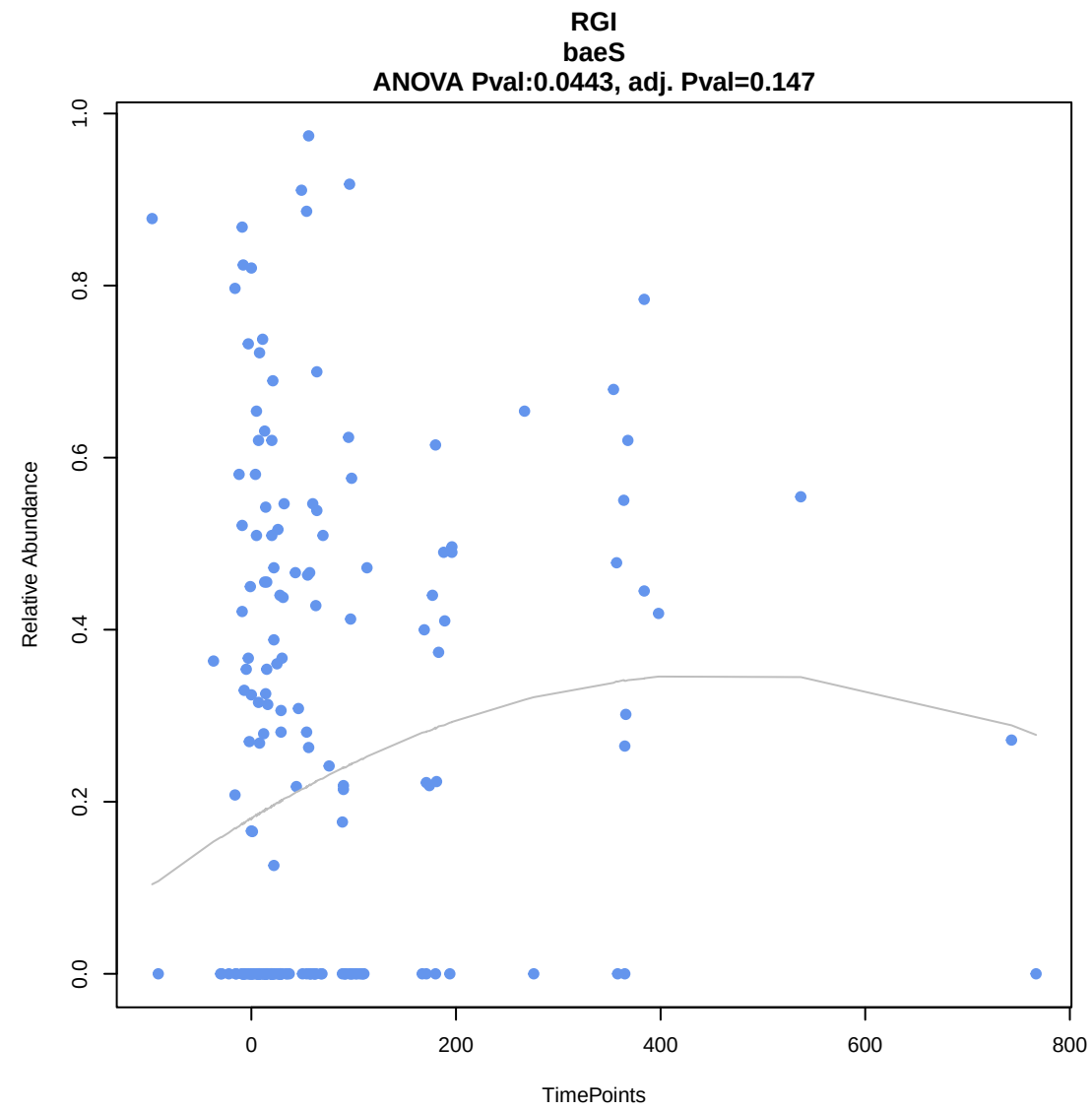
RGI
mdtN
ANOVA Pval:0.0384, adj. Pval=0.138

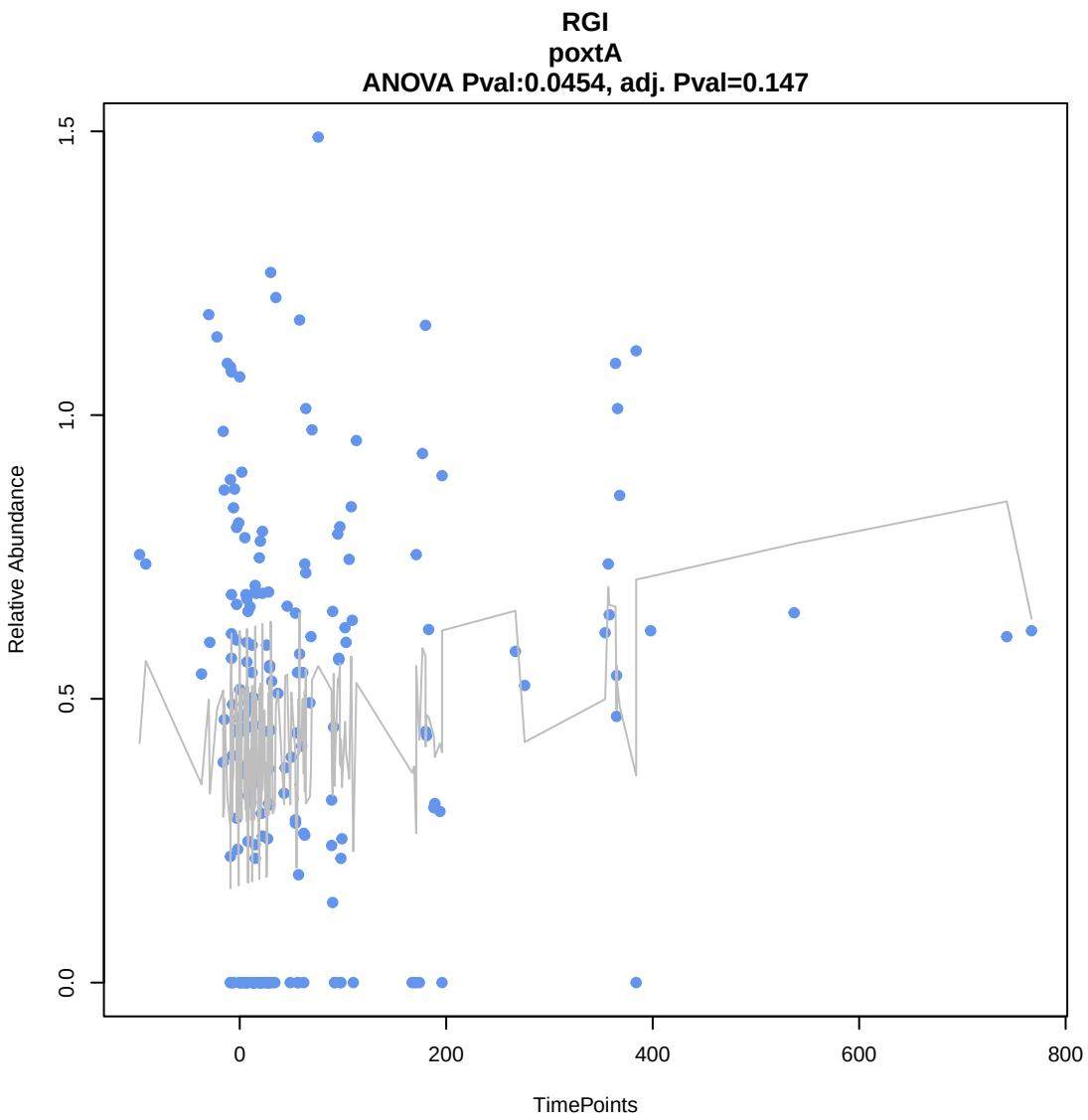


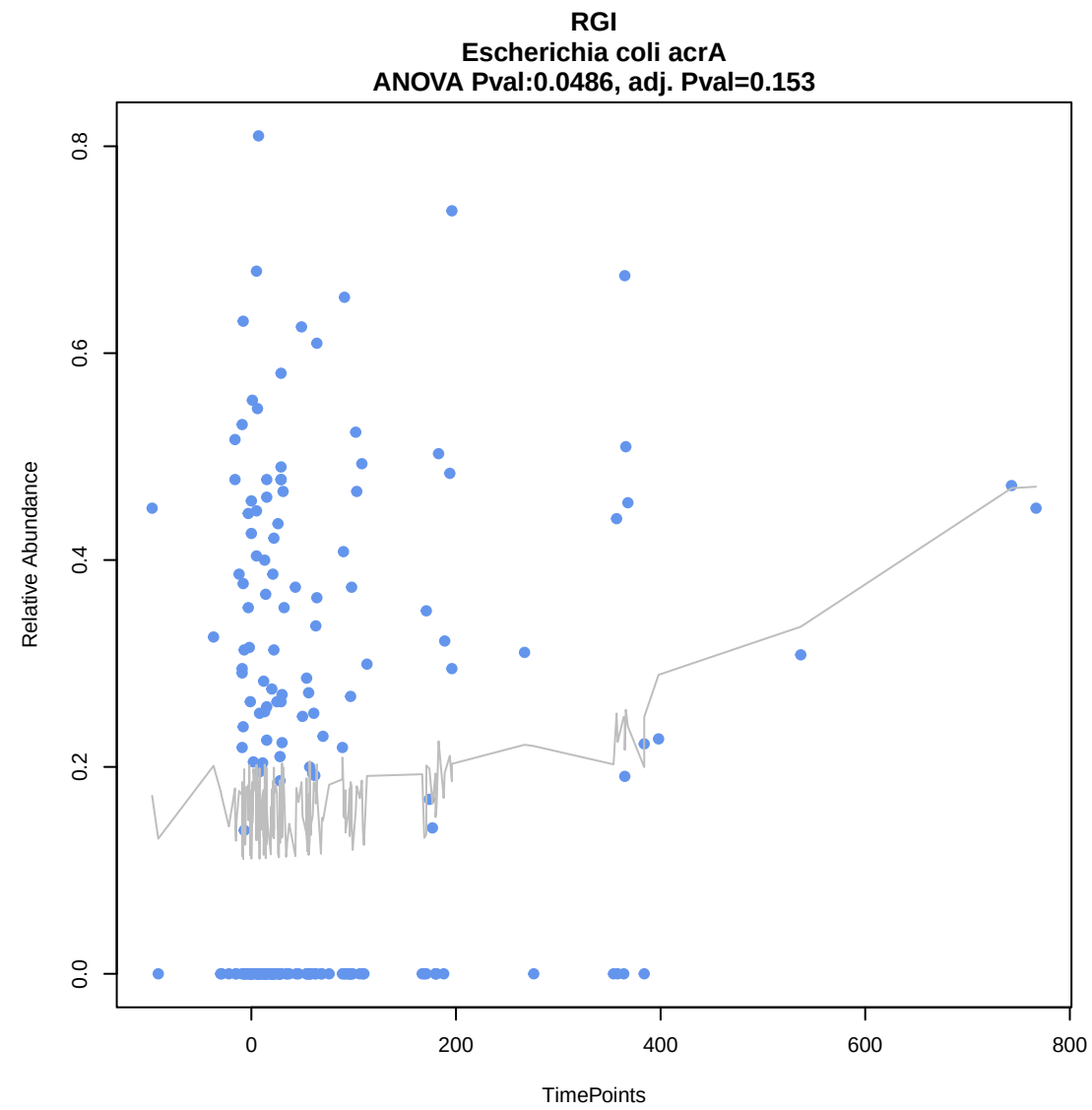
RGI
Escherichia coli soxS with mutation conferring antibiotic resistance
ANOVA Pval:0.0388, adj. Pval=0.138

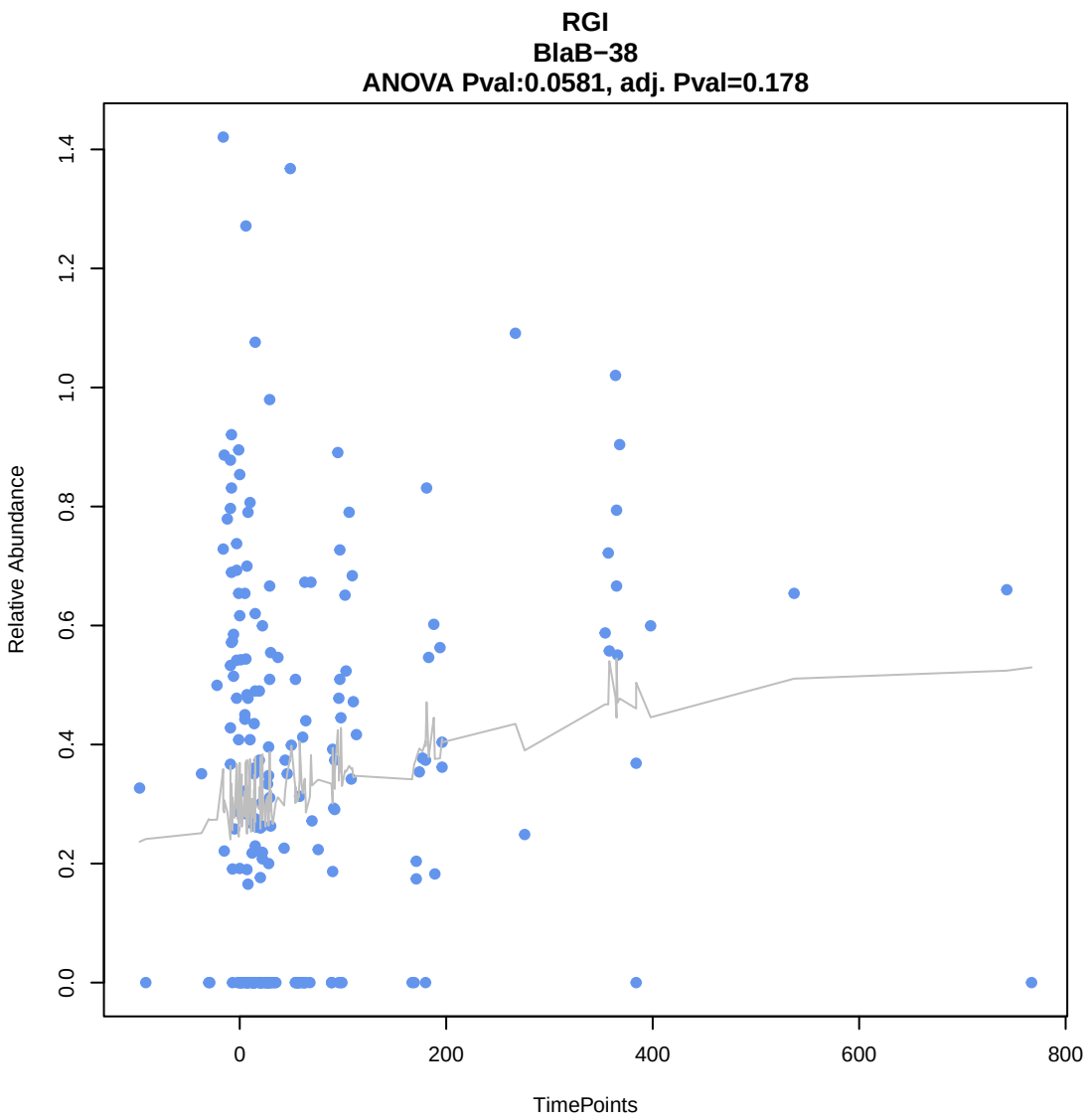


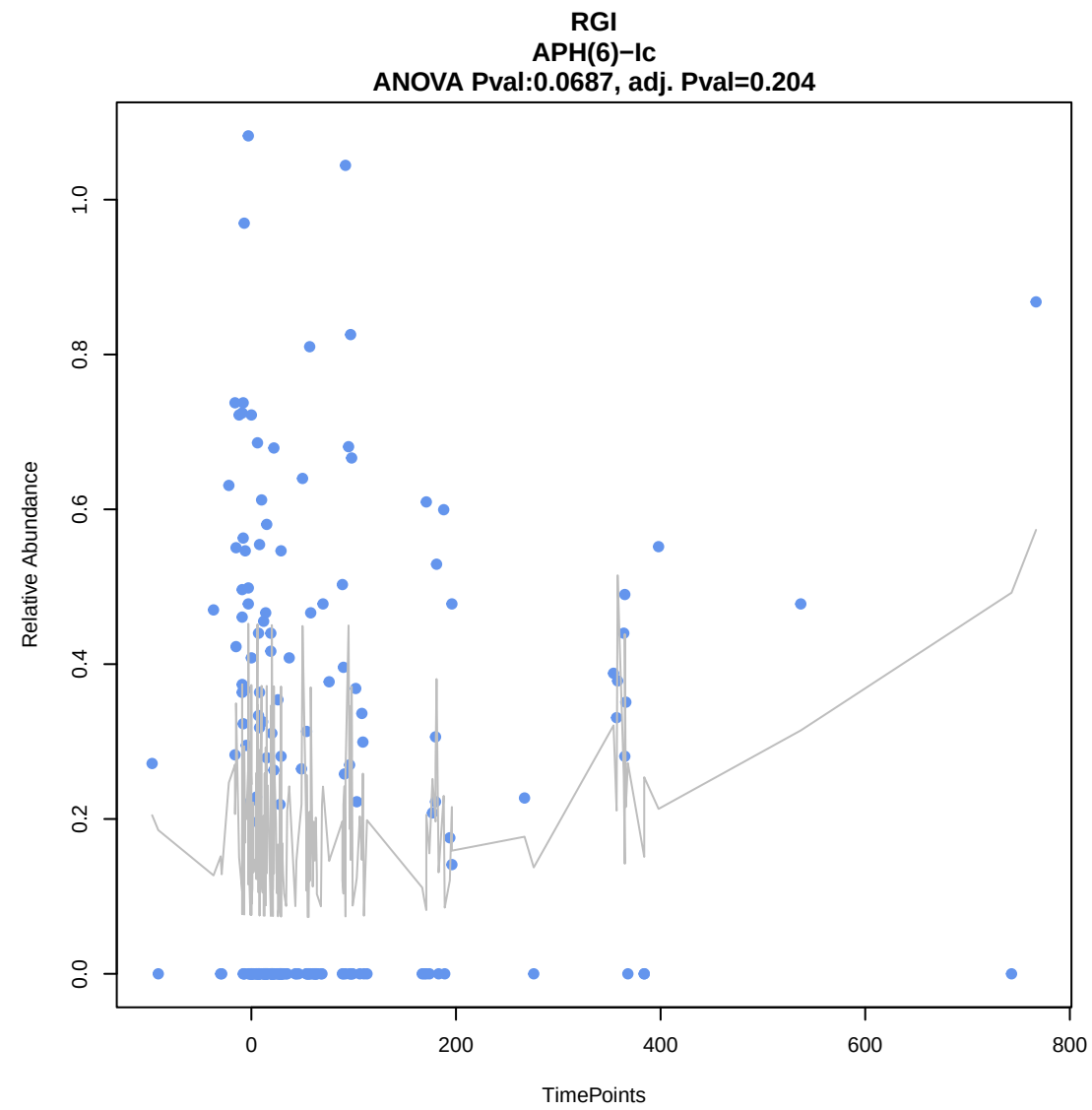

RGI
tet(W/32/O)
ANOVA Pval:0.0427, adj. Pval=0.147
Relative Abundance
TimePoints


RGI
baeS
ANOVA Pval:0.0443, adj. Pval=0.147
Relative Abundance
TimePoints

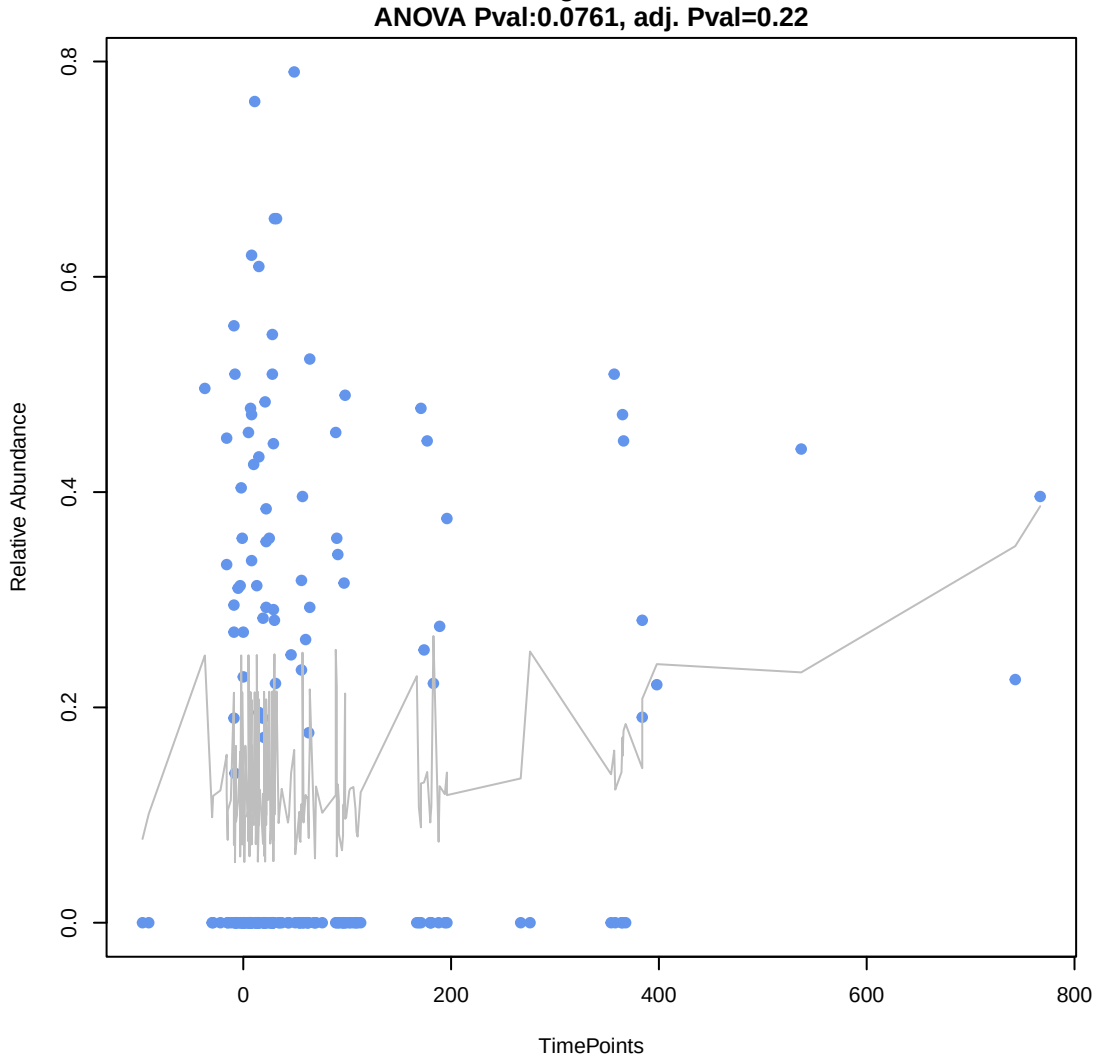

RGI
poxtA
ANOVA Pval:0.0454, adj. Pval=0.147
Relative Abundance
TimePoints


RGI
Escherichia coli acrA
ANOVA Pval:0.0486, adj. Pval=0.153
Relative Abundance
TimePoints

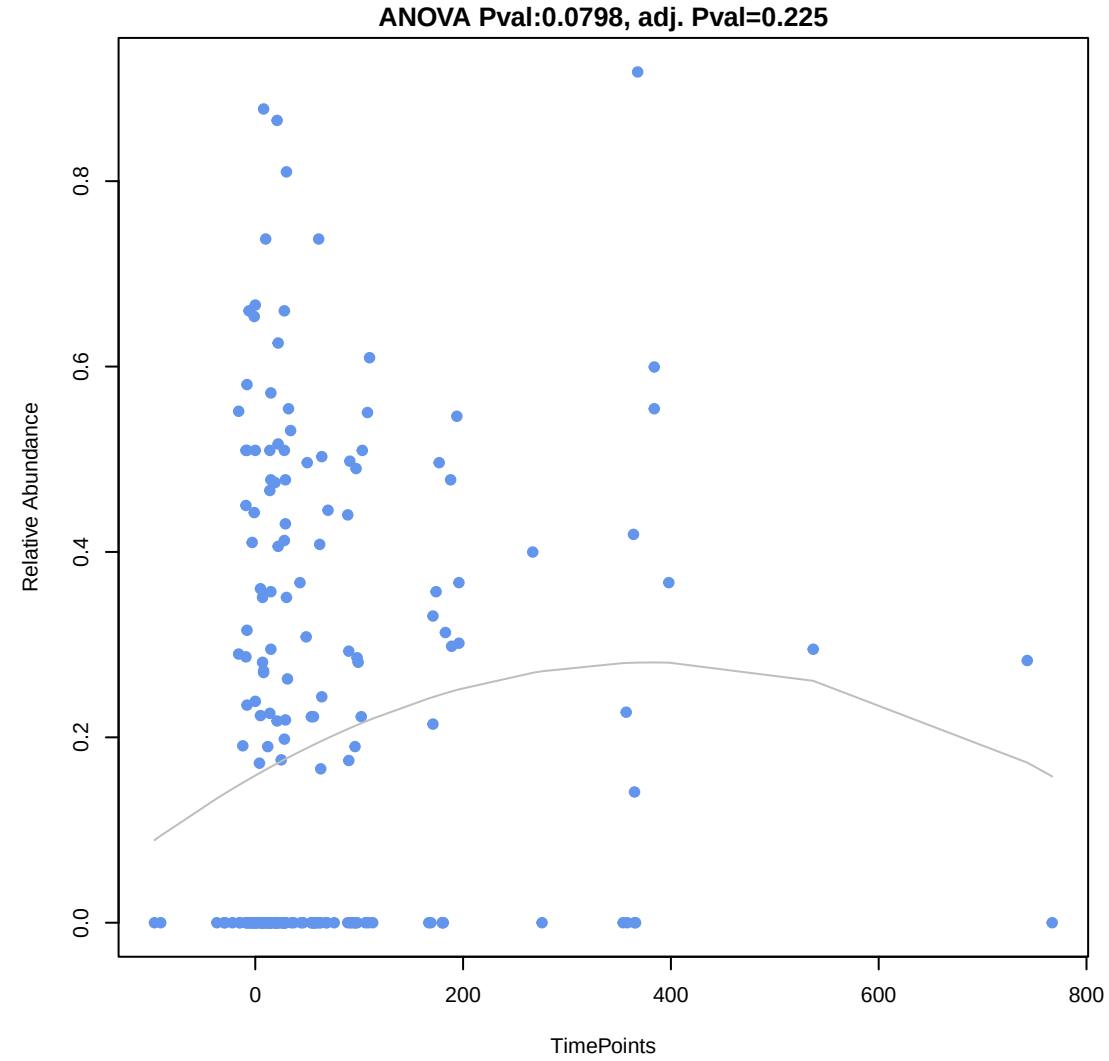

RGI
BlaB−38
ANOVA Pval:0.0581, adj. Pval=0.178
Relative Abundance
TimePoints


RGI
APH(6)−Ic
ANOVA Pval:0.0687, adj. Pval=0.204
Relative Abundance
TimePoints

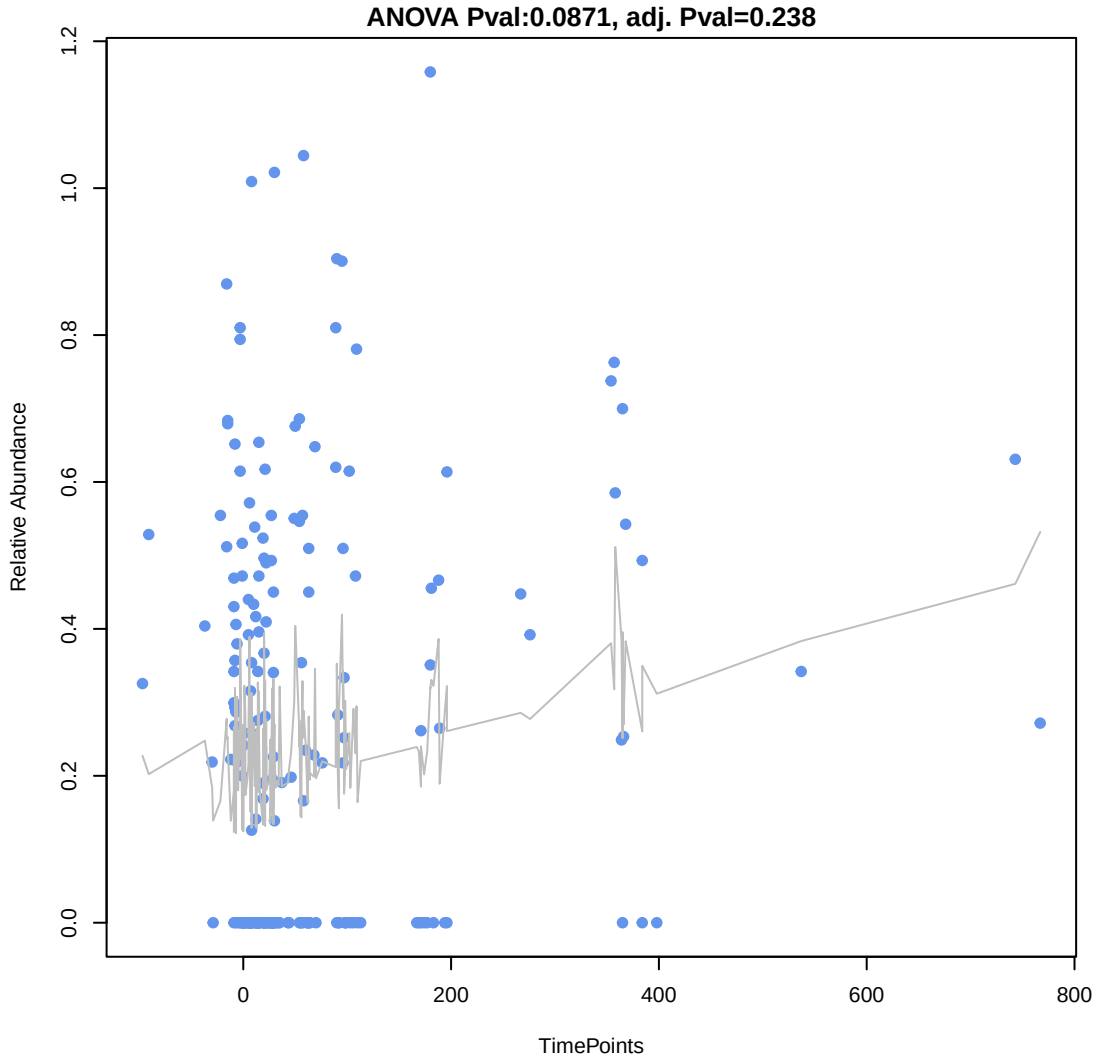
RGI
gadX
ANOVA Pval:0.0761, adj. Pval=0.22



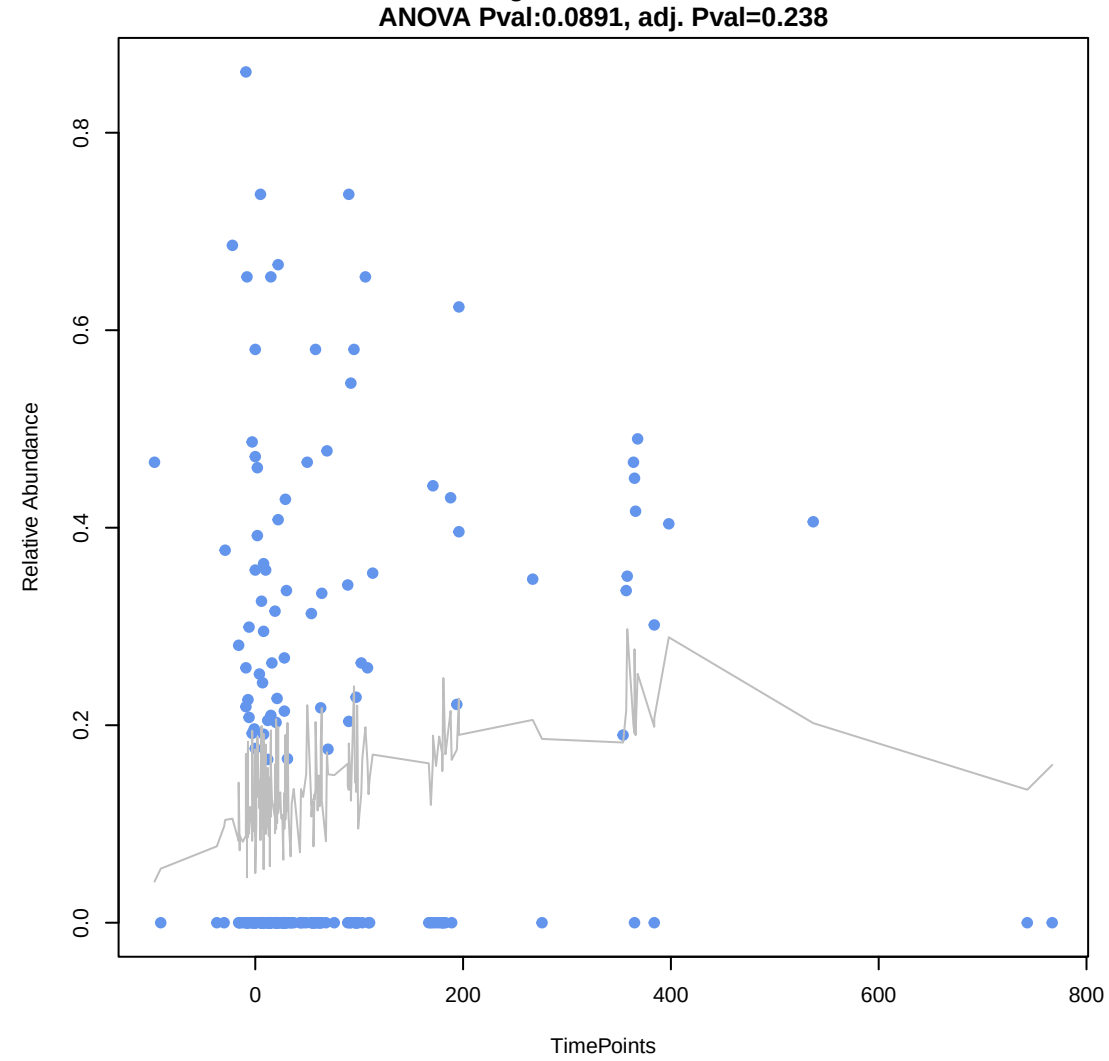
RGI
mdtM
ANOVA Pval:0.0798, adj. Pval=0.225



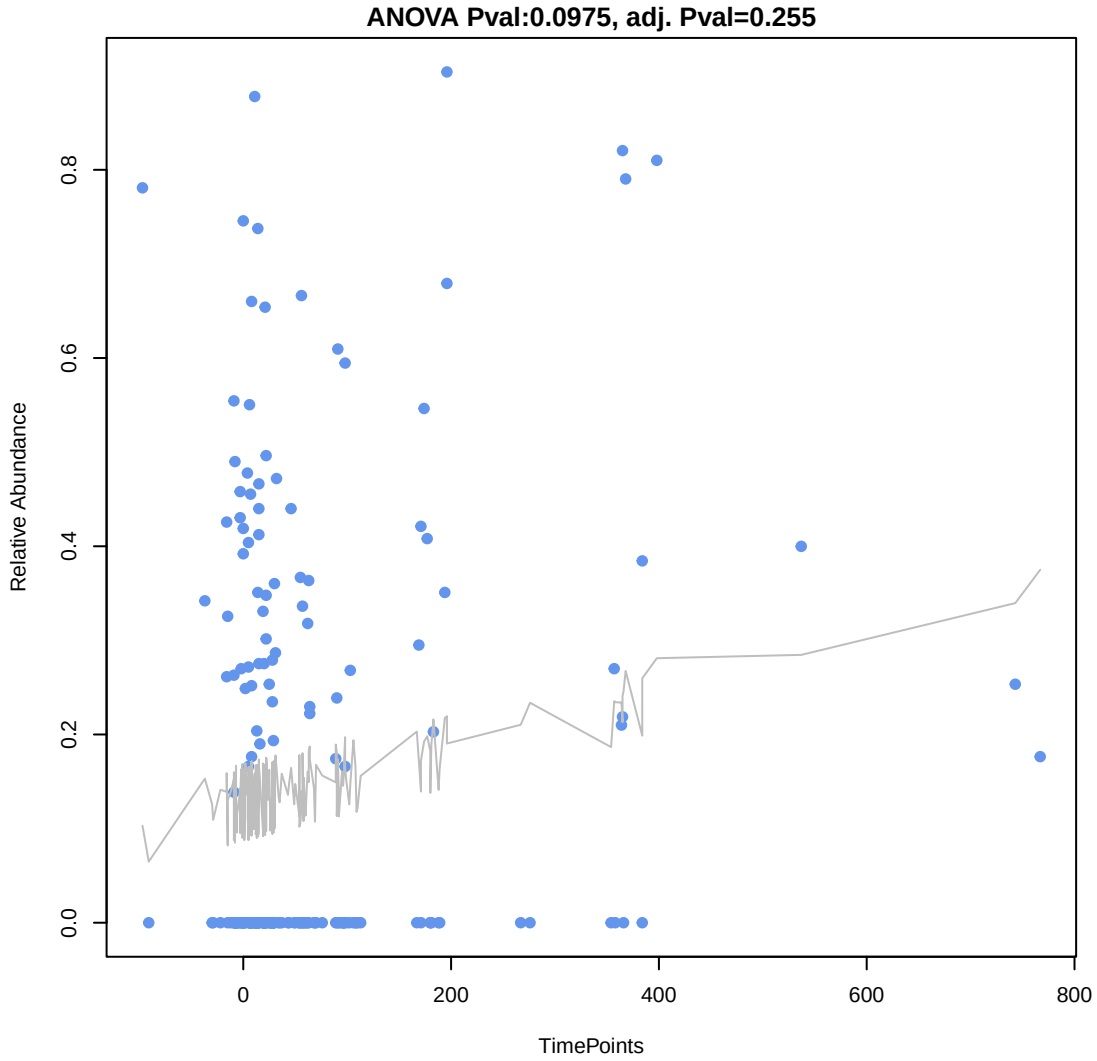
RGI
chrB
ANOVA Pval:0.0871, adj. Pval=0.238



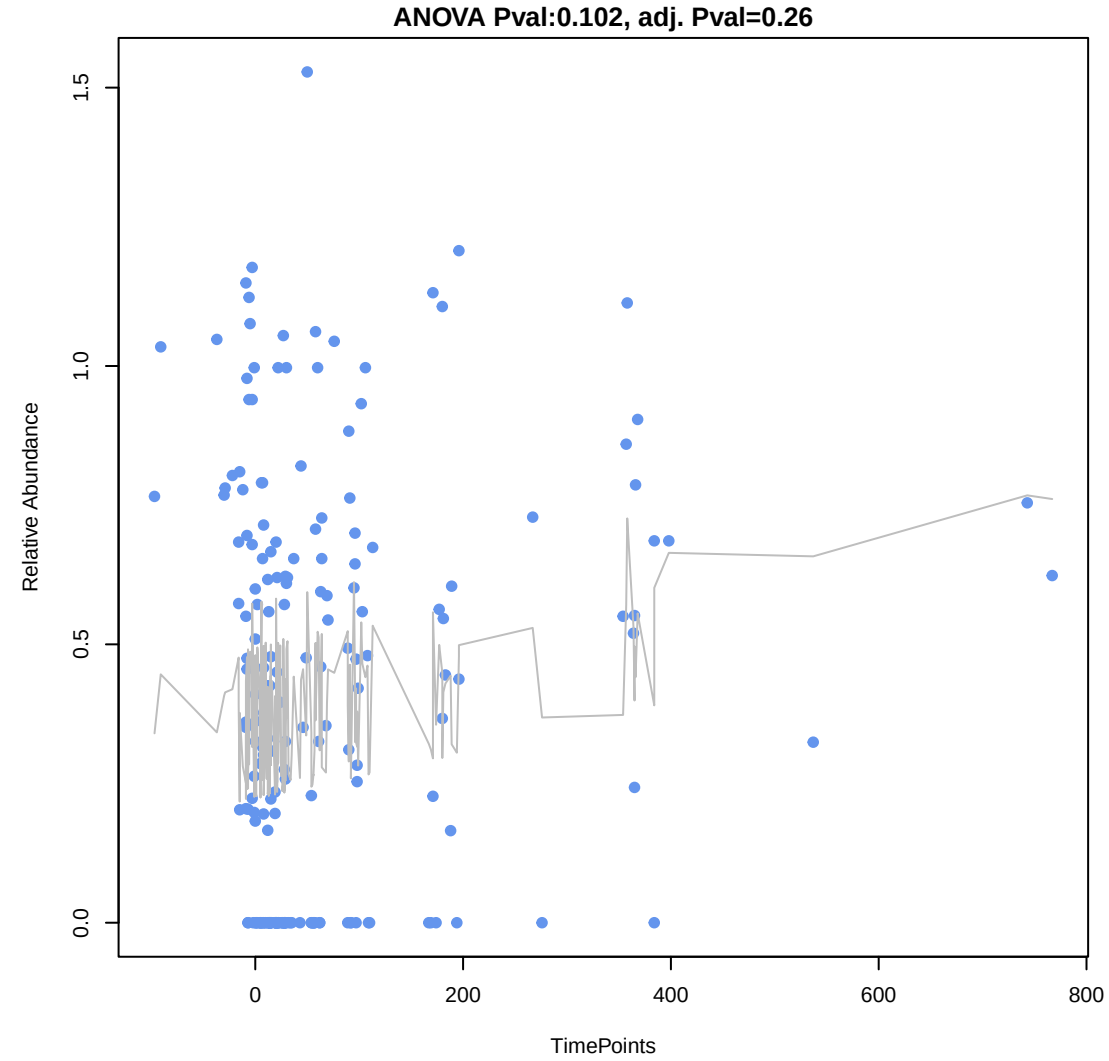
RGI
vanS gene in vanD cluster
ANOVA Pval:0.0891, adj. Pval=0.238



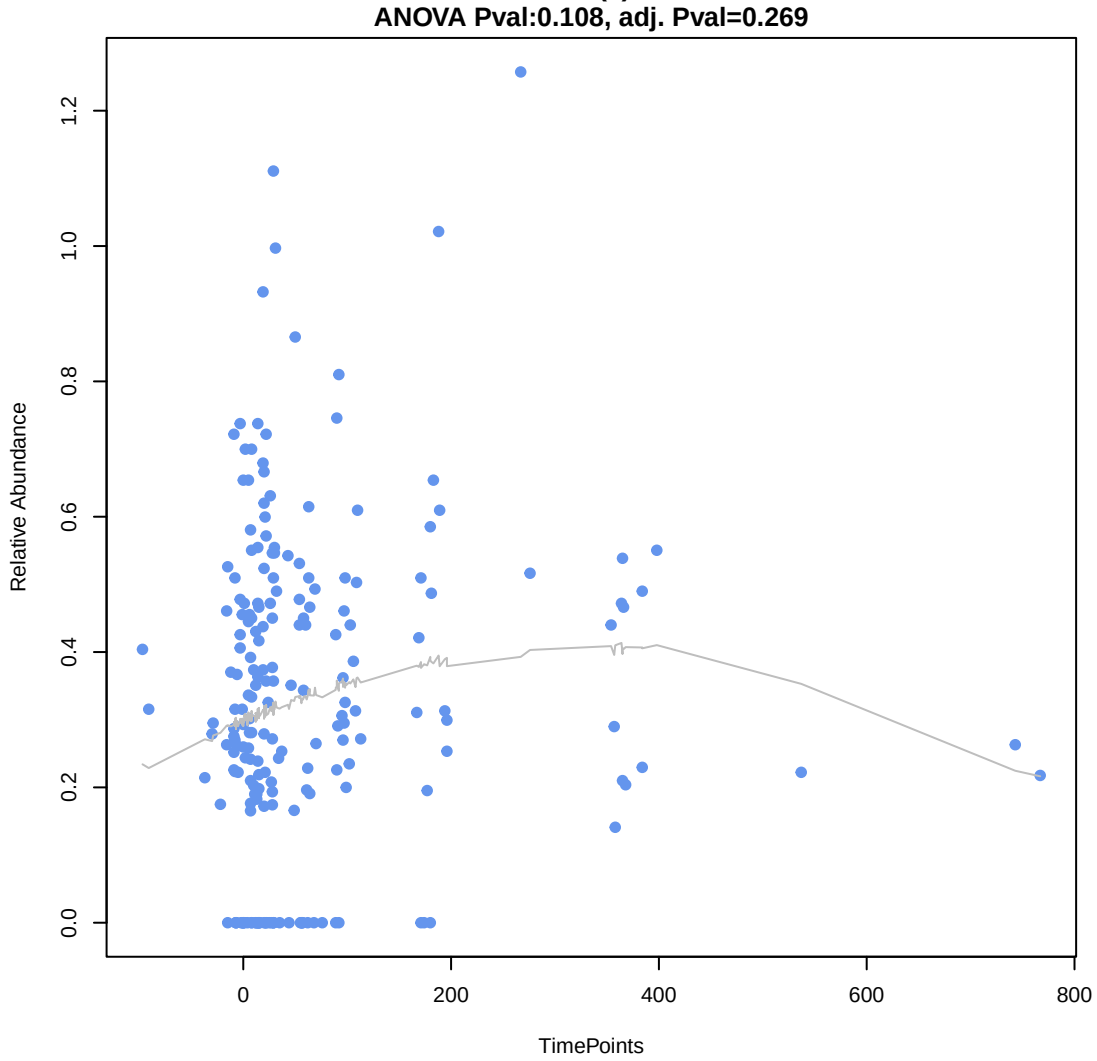
RGI
mdtE
ANOVA Pval:0.0975, adj. Pval=0.255



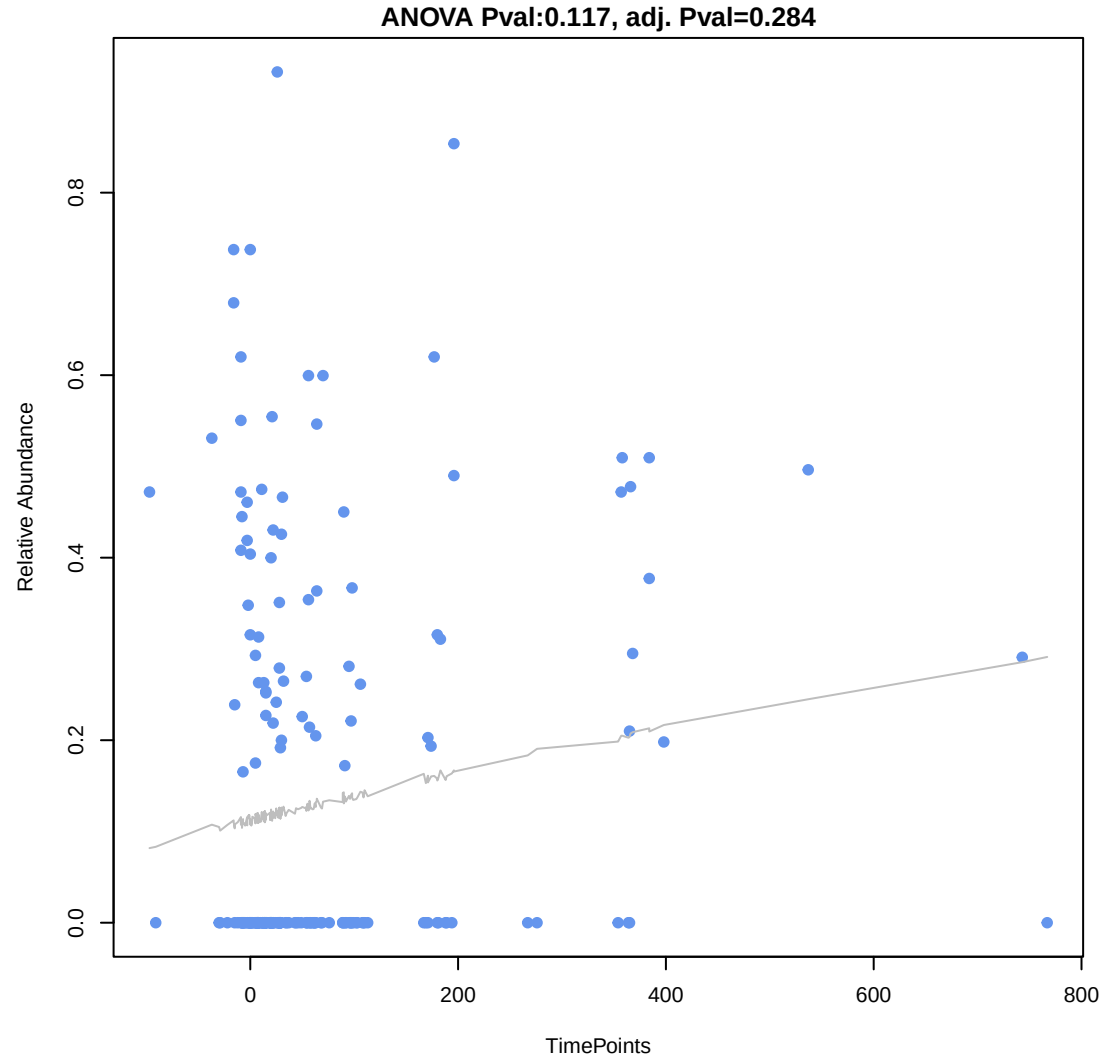
RGI
vanI
ANOVA Pval:0.102, adj. Pval=0.26



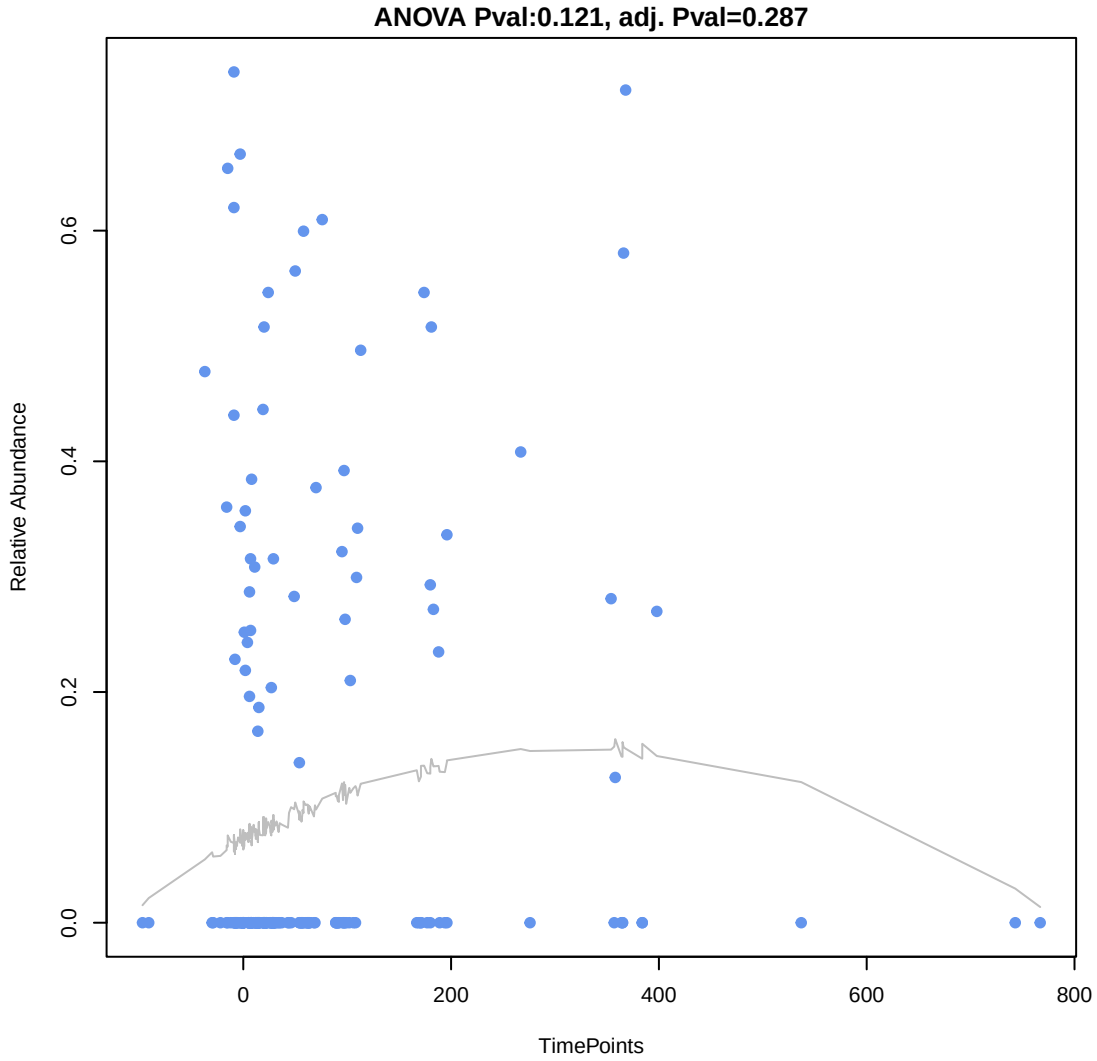
RGI
aad(6)
ANOVA Pval:0.108, adj. Pval=0.269



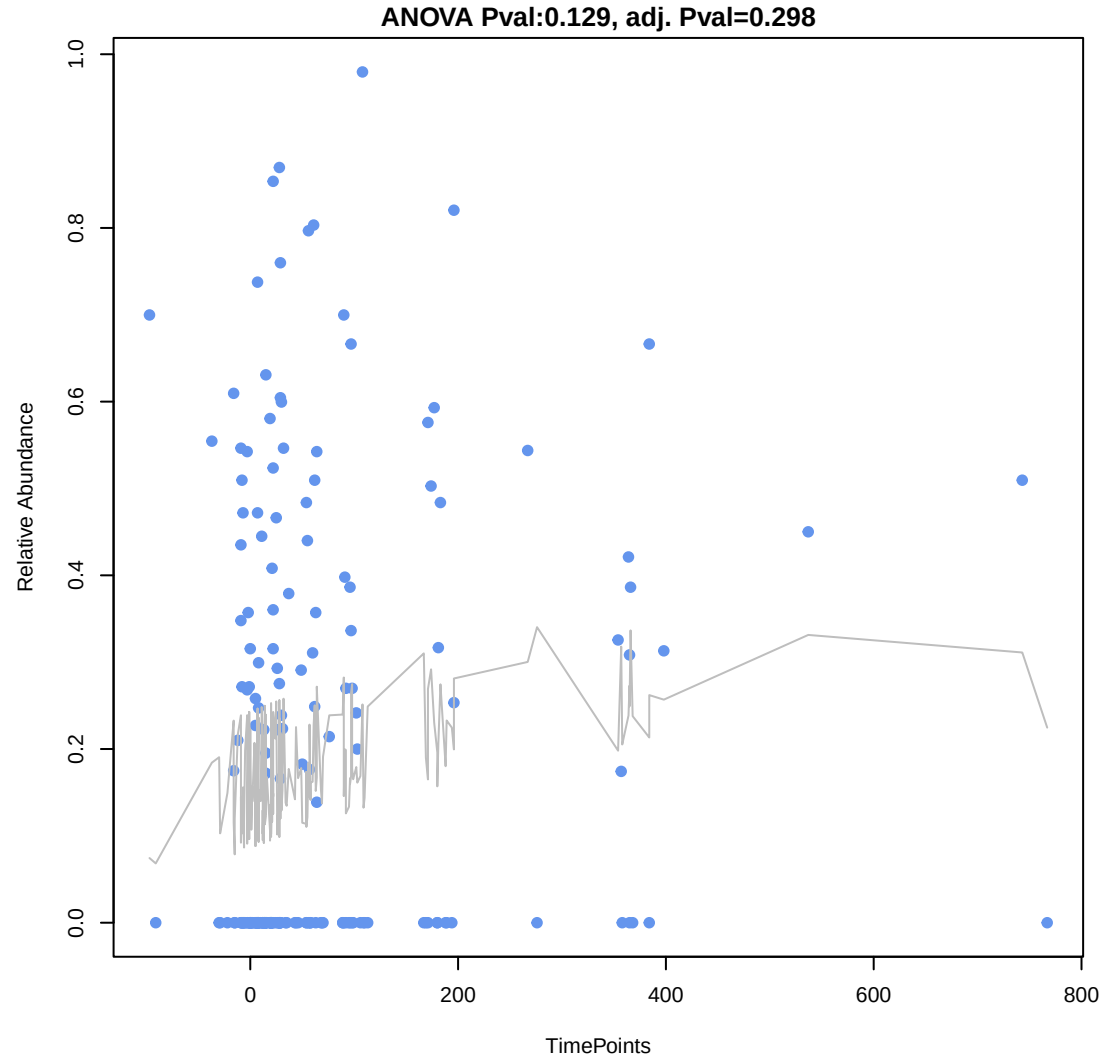
RGI
AcrS
ANOVA Pval:0.117, adj. Pval=0.284



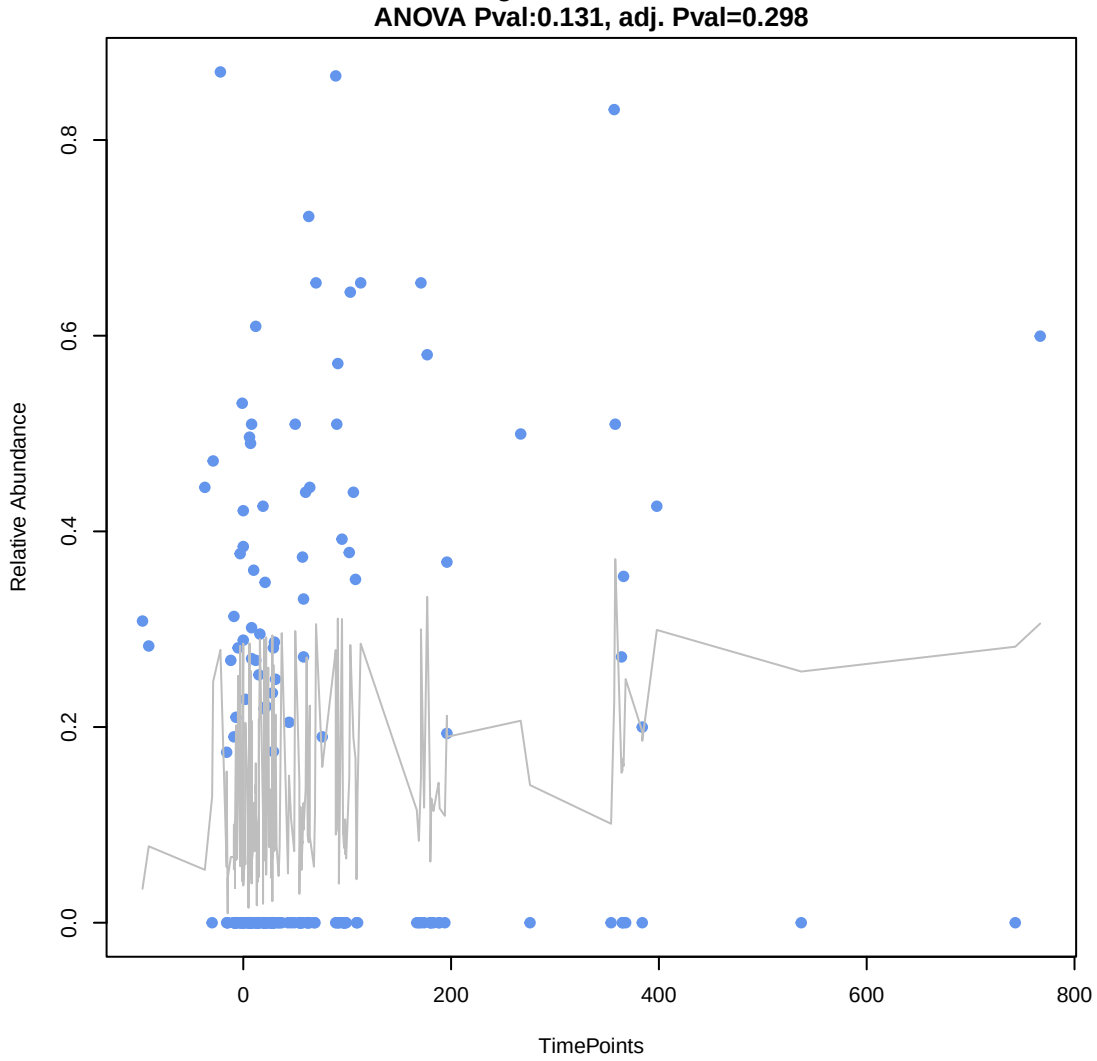
RGI
mtrD
ANOVA Pval:0.121, adj. Pval=0.287



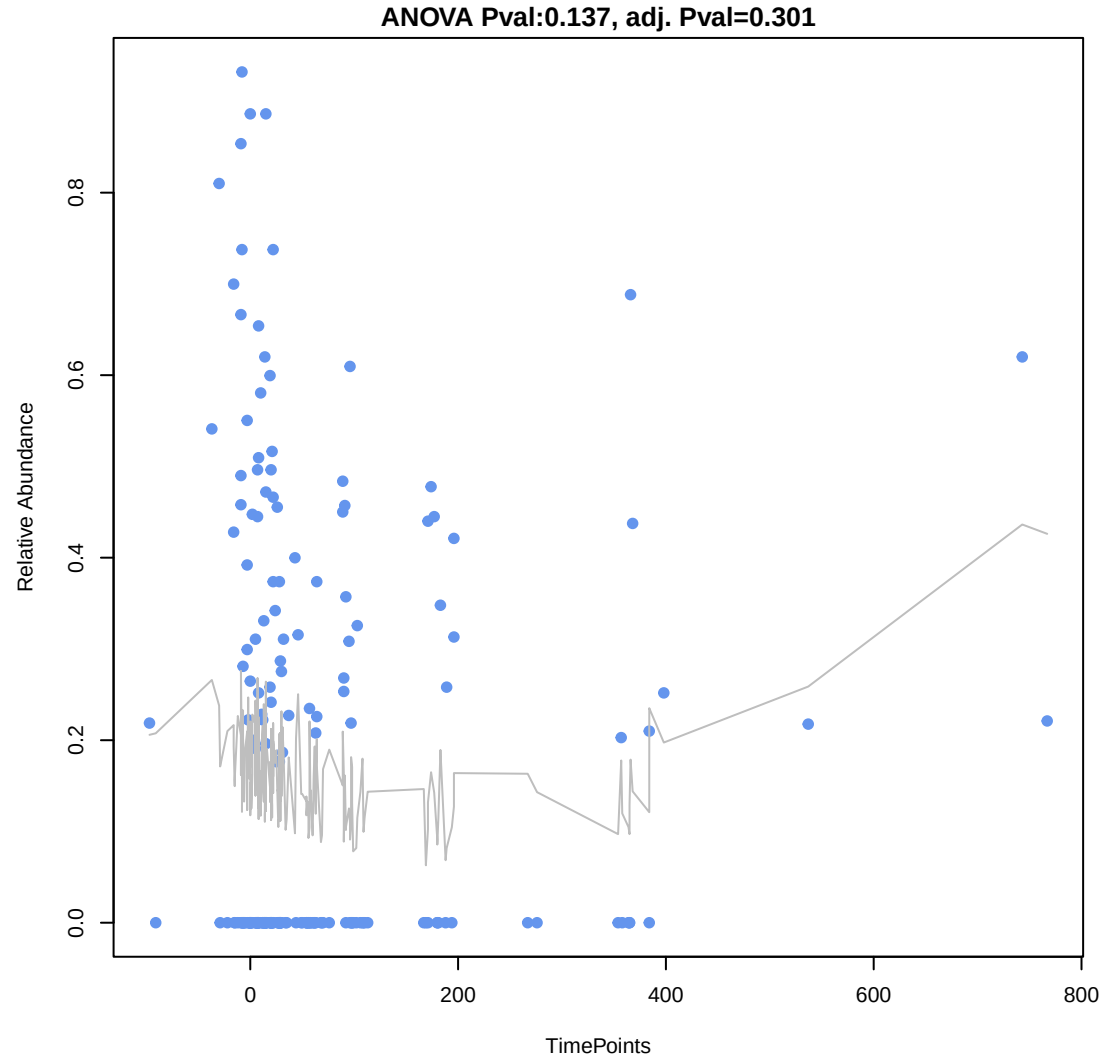
RGI
emrB
ANOVA Pval:0.129, adj. Pval=0.298

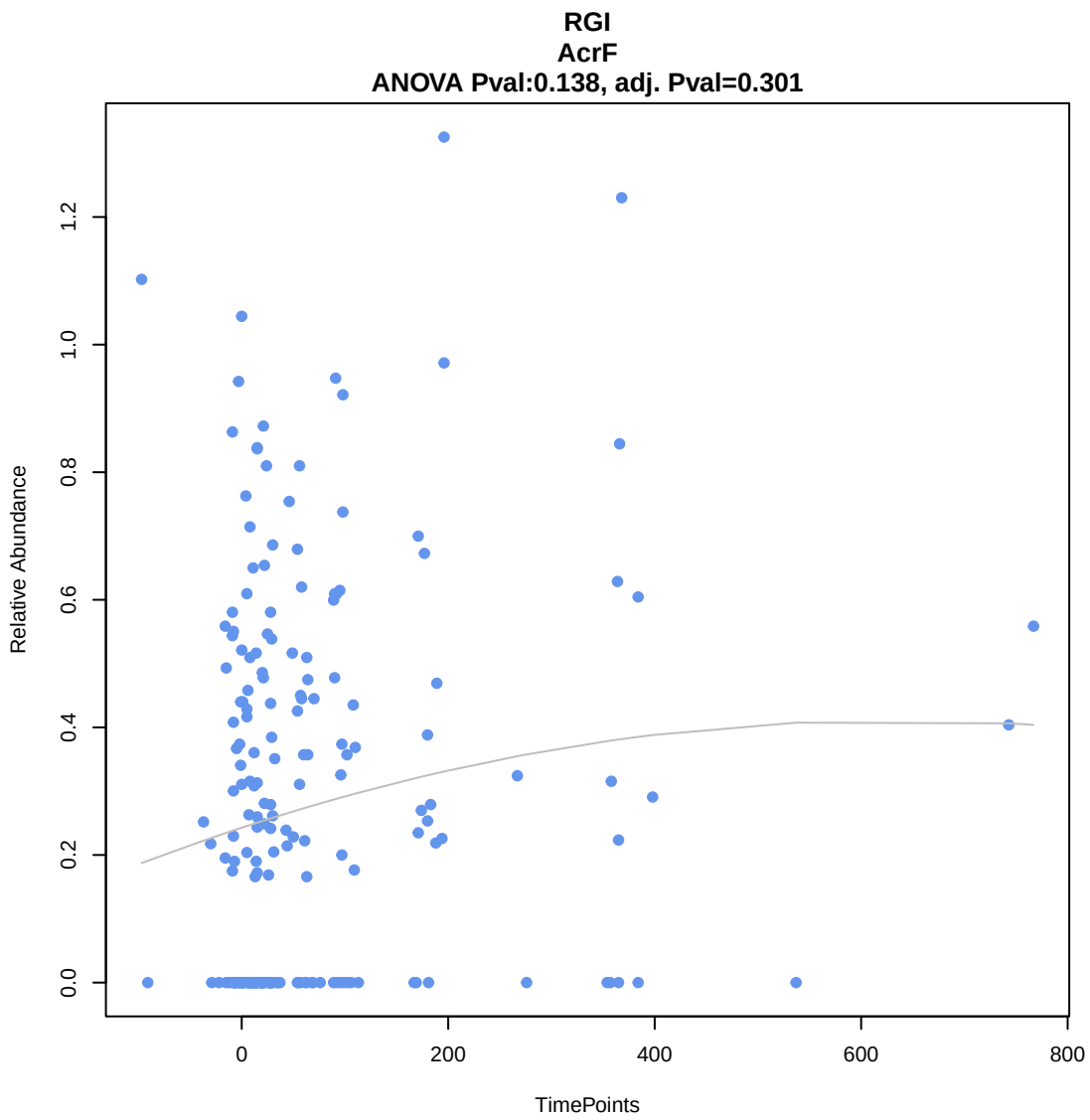


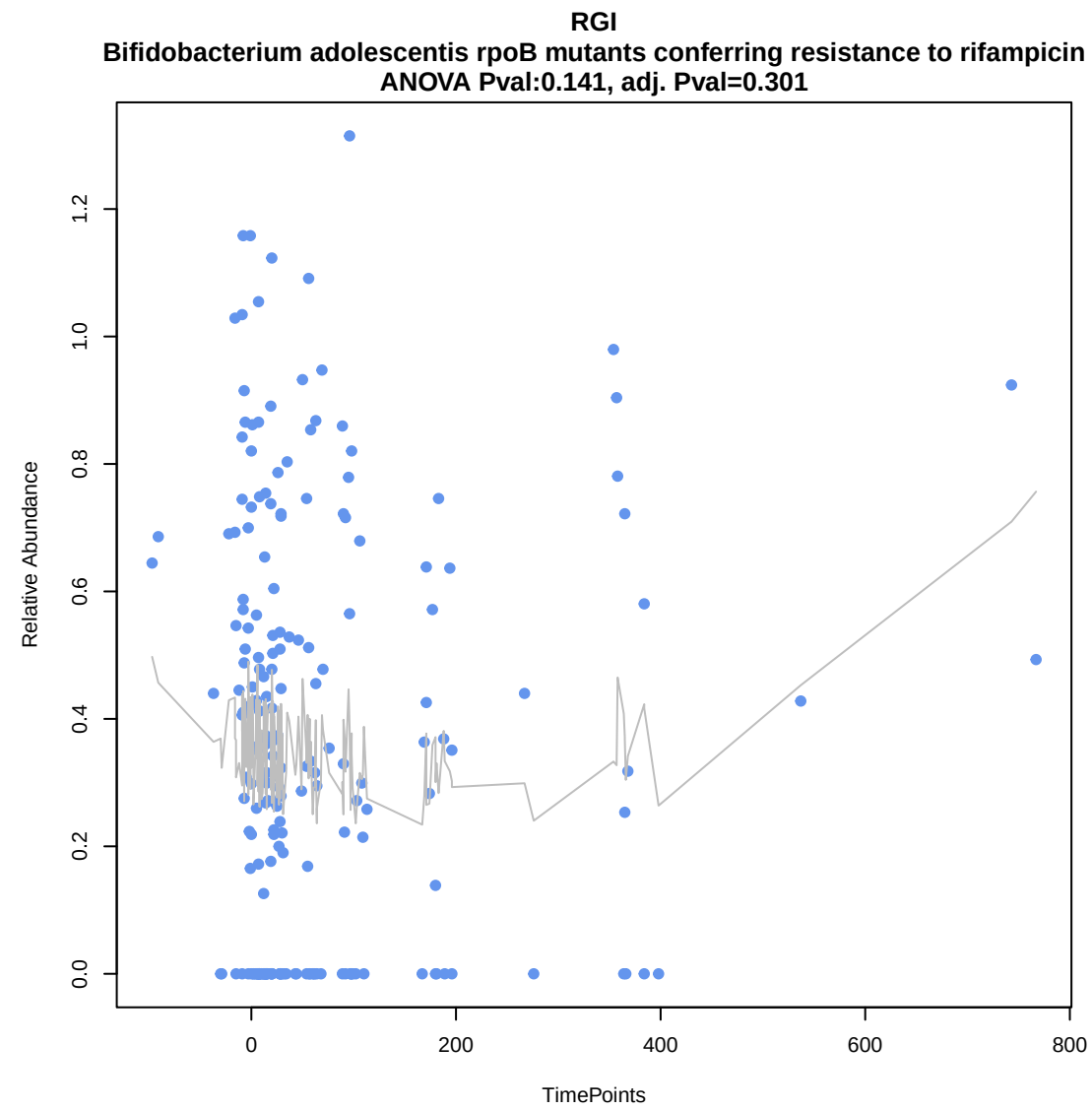
RGI
vanX gene in vanD cluster
ANOVA Pval:0.131, adj. Pval=0.298

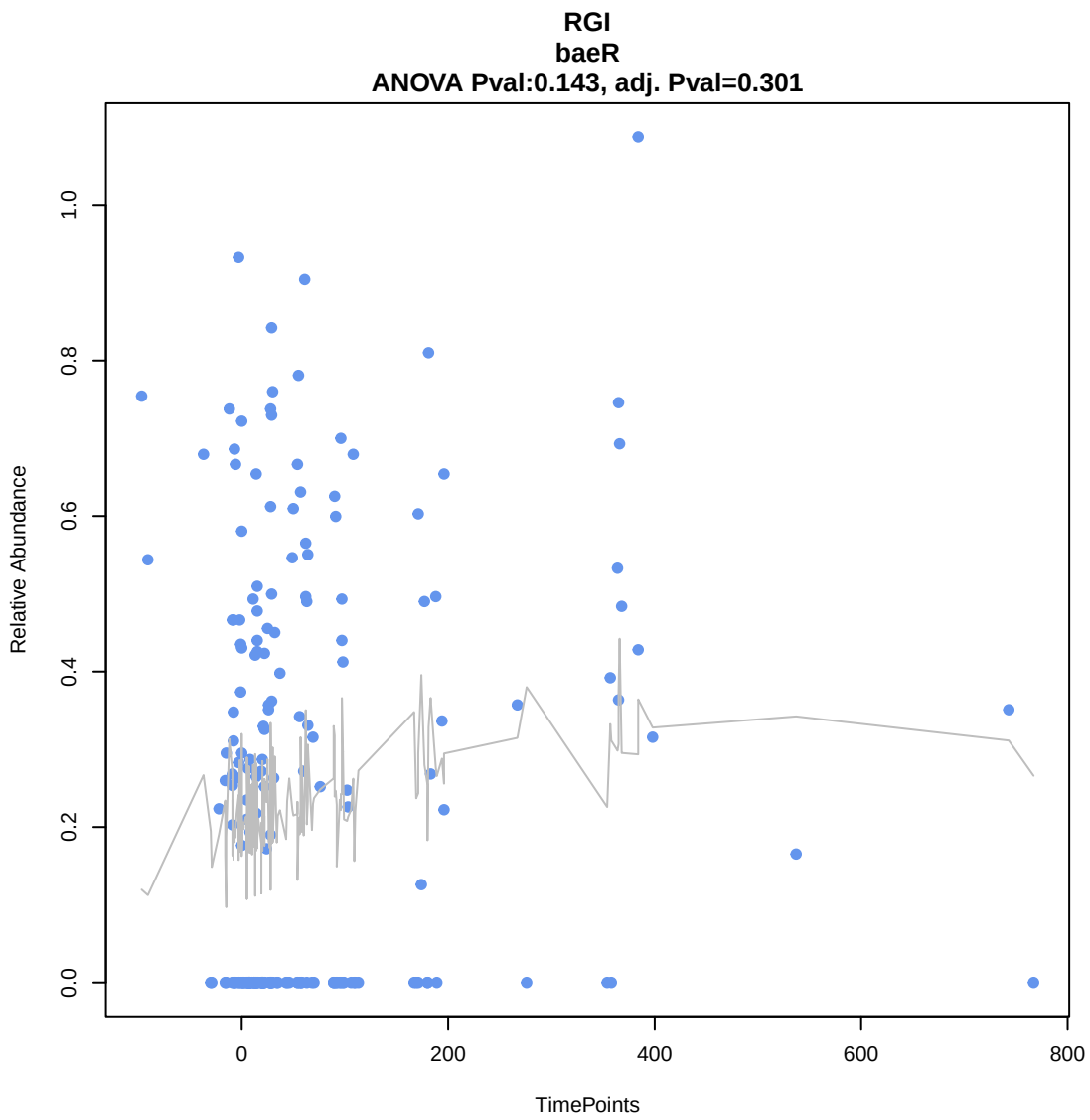


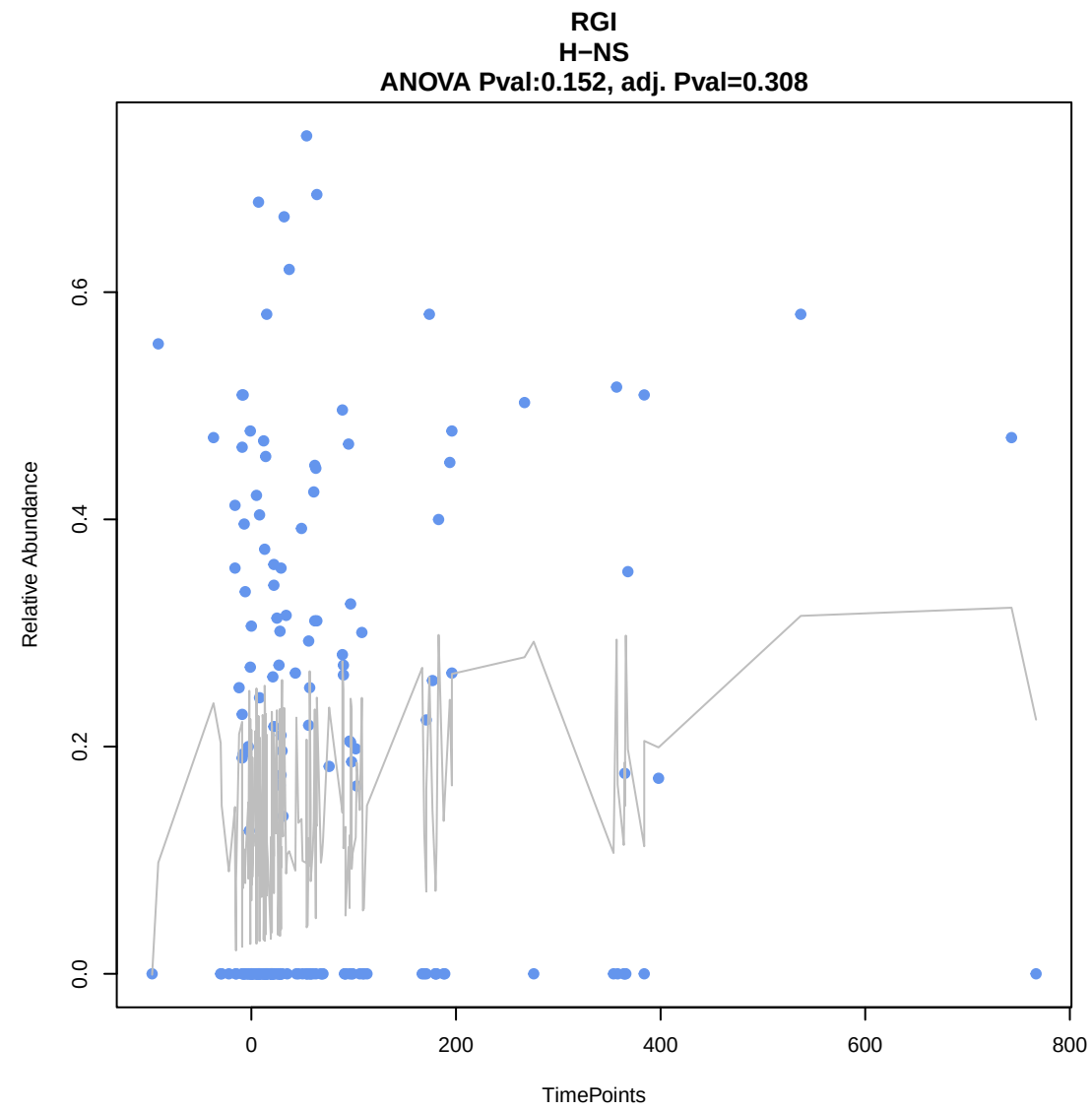
RGI
emrY
ANOVA Pval:0.137, adj. Pval=0.301

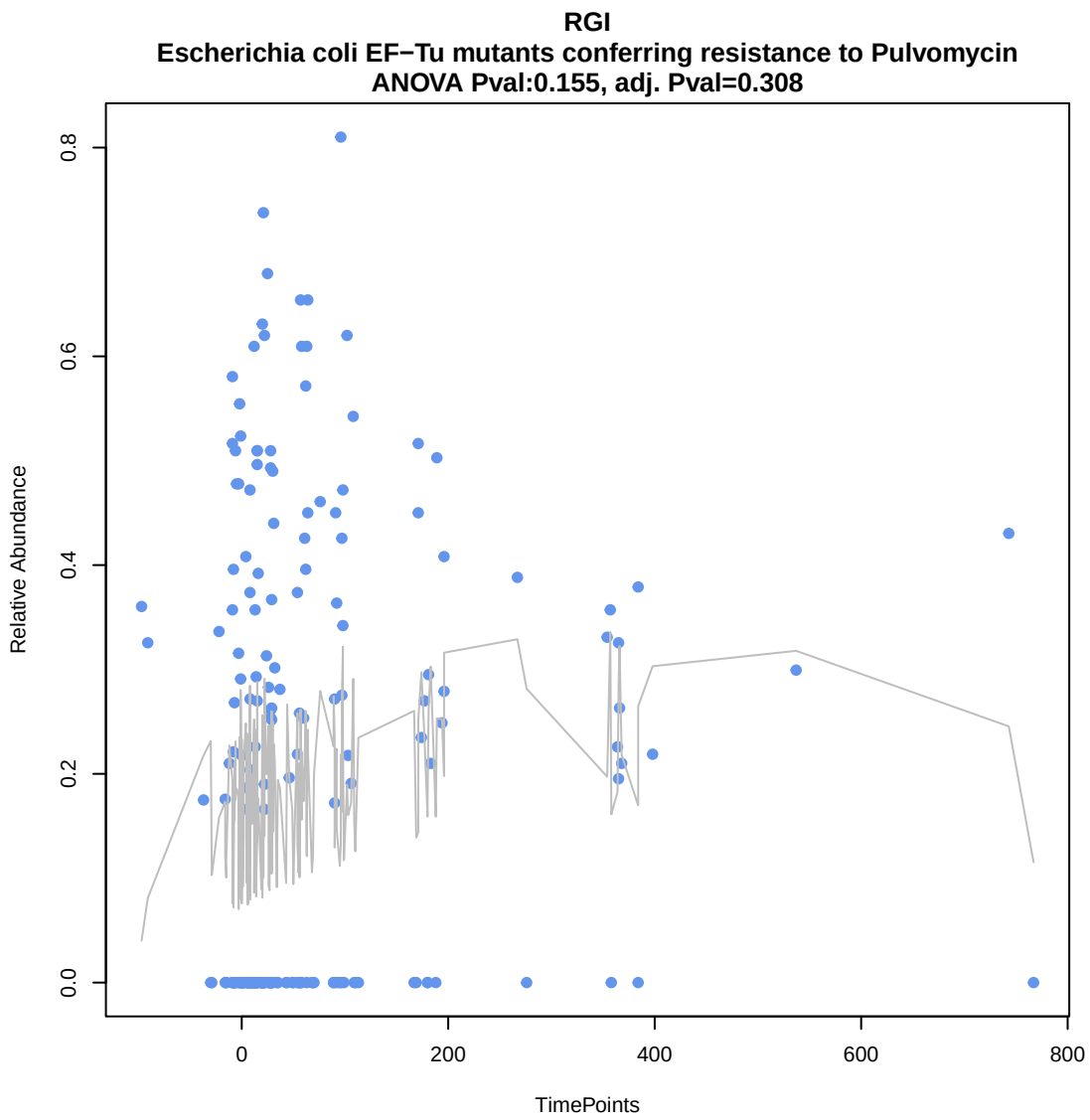


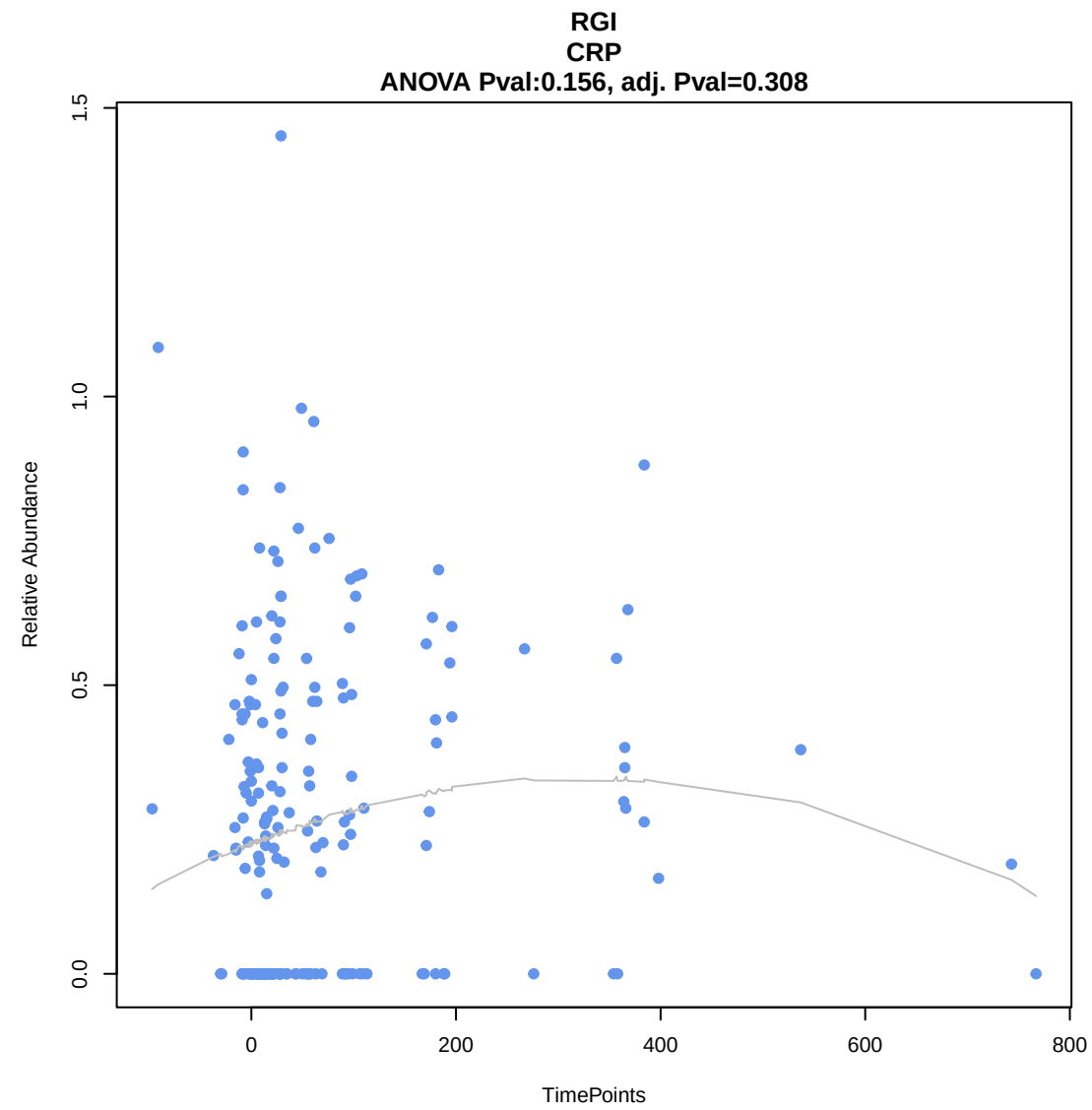

RGI
AcrF
ANOVA Pval:0.138, adj. Pval=0.301
Relative Abundance
TimePoints


RGI
Bifidobacterium adolescentis rpoB mutants conferring resistance to rifampicin
ANOVA Pval:0.141, adj. Pval=0.301
Relative Abundance
TimePoints

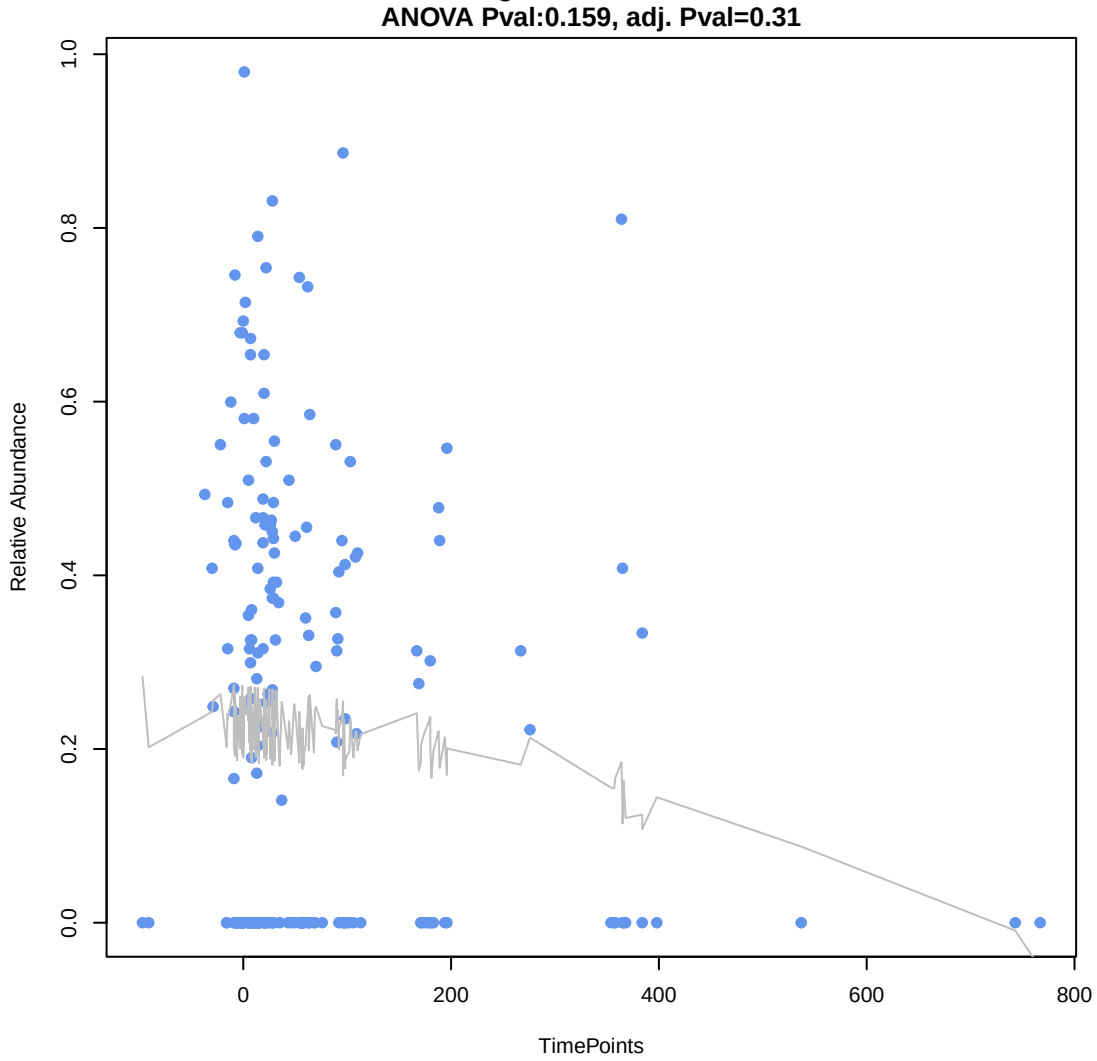

RGI
baeR
ANOVA Pval:0.143, adj. Pval=0.301
Relative Abundance
TimePoints


RGI
H−NS
ANOVA Pval:0.152, adj. Pval=0.308
Relative Abundance
TimePoints

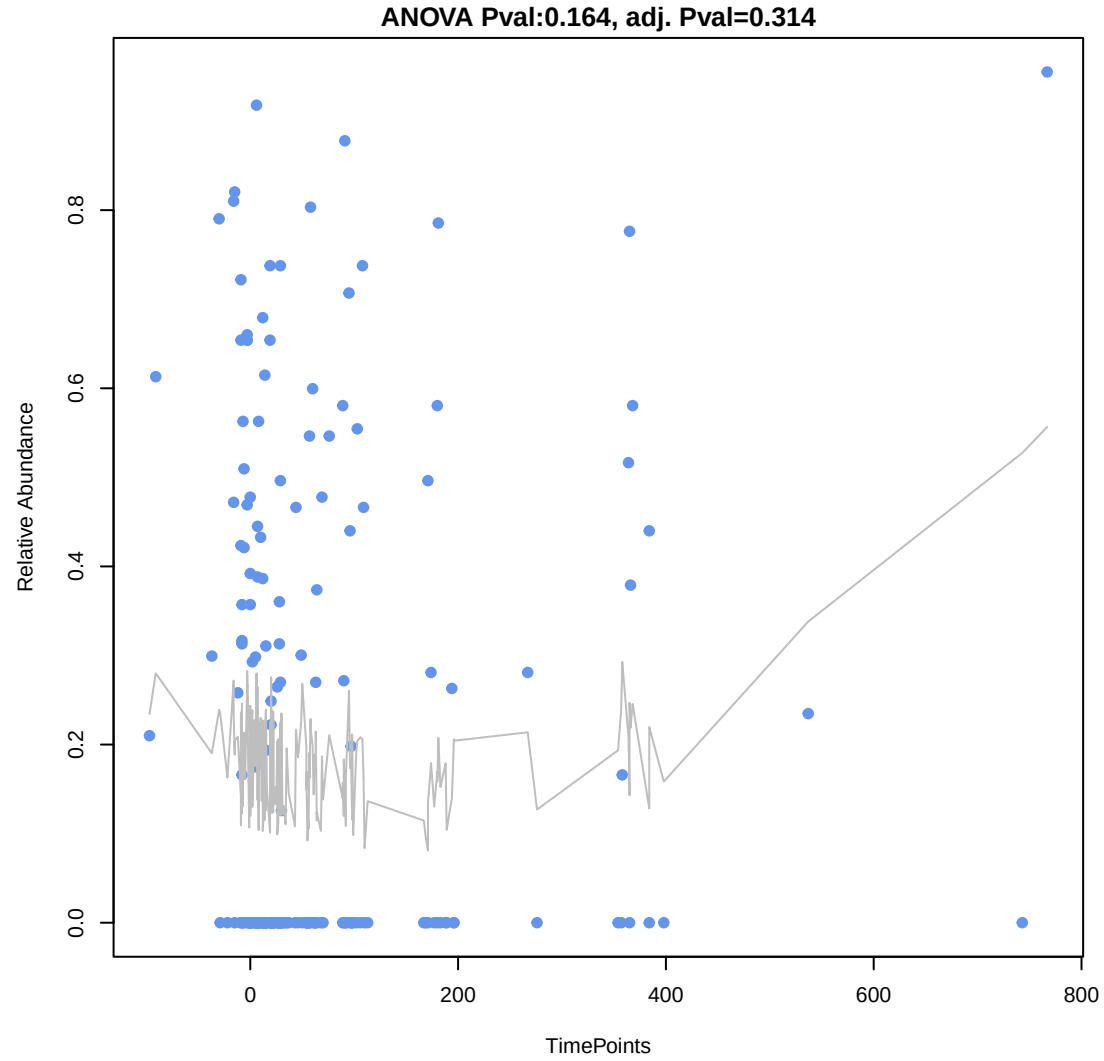

RGI
Escherichia coli EF−Tu mutants conferring resistance to Pulvomycin
ANOVA Pval:0.155, adj. Pval=0.308
Relative Abundance
TimePoints


RGI
CRP
ANOVA Pval:0.156, adj. Pval=0.308
Relative Abundance
TimePoints

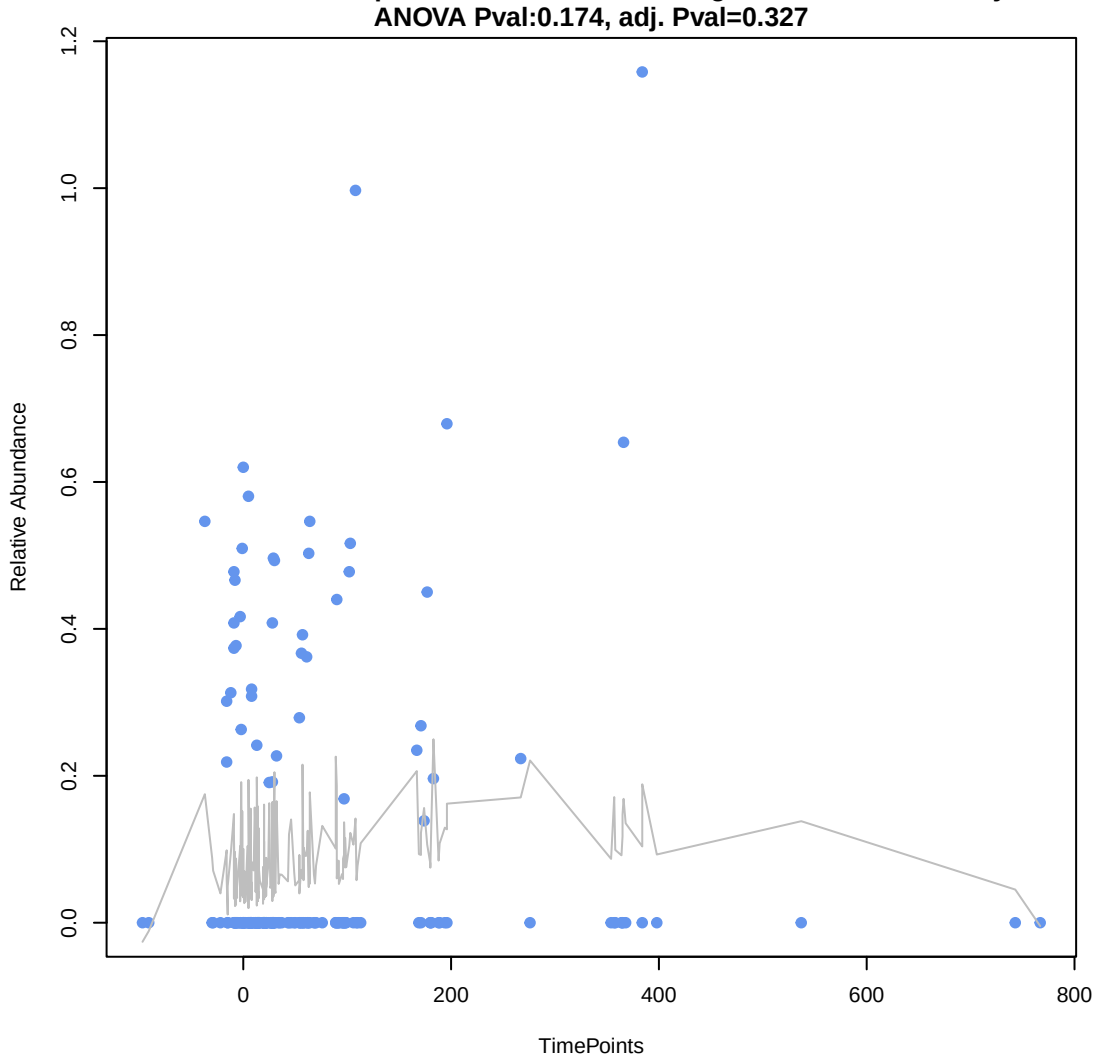
RGI
vanH gene in vanA cluster
ANOVA Pval:0.159, adj. Pval=0.31



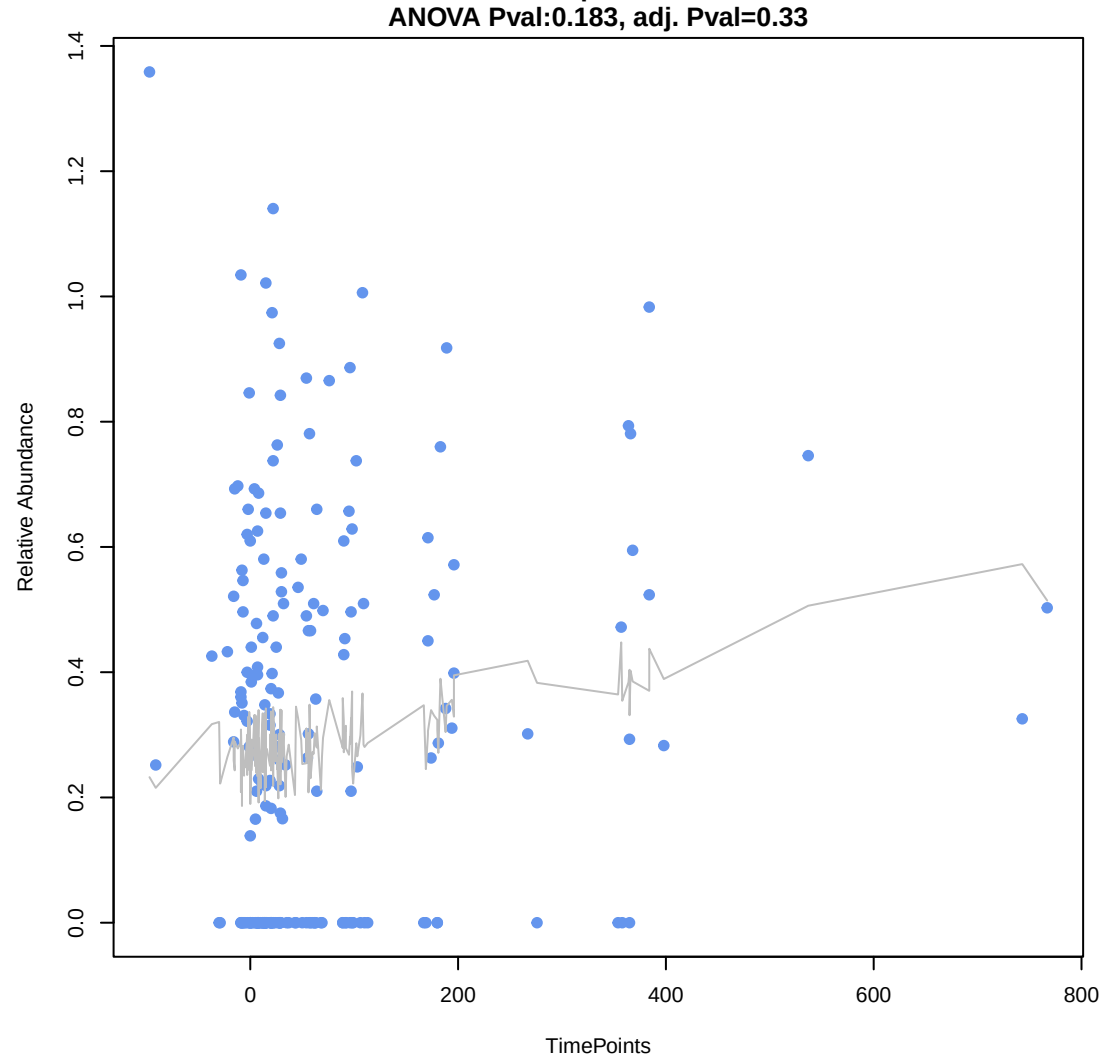
RGI
PDC−402
ANOVA Pval:0.164, adj. Pval=0.314



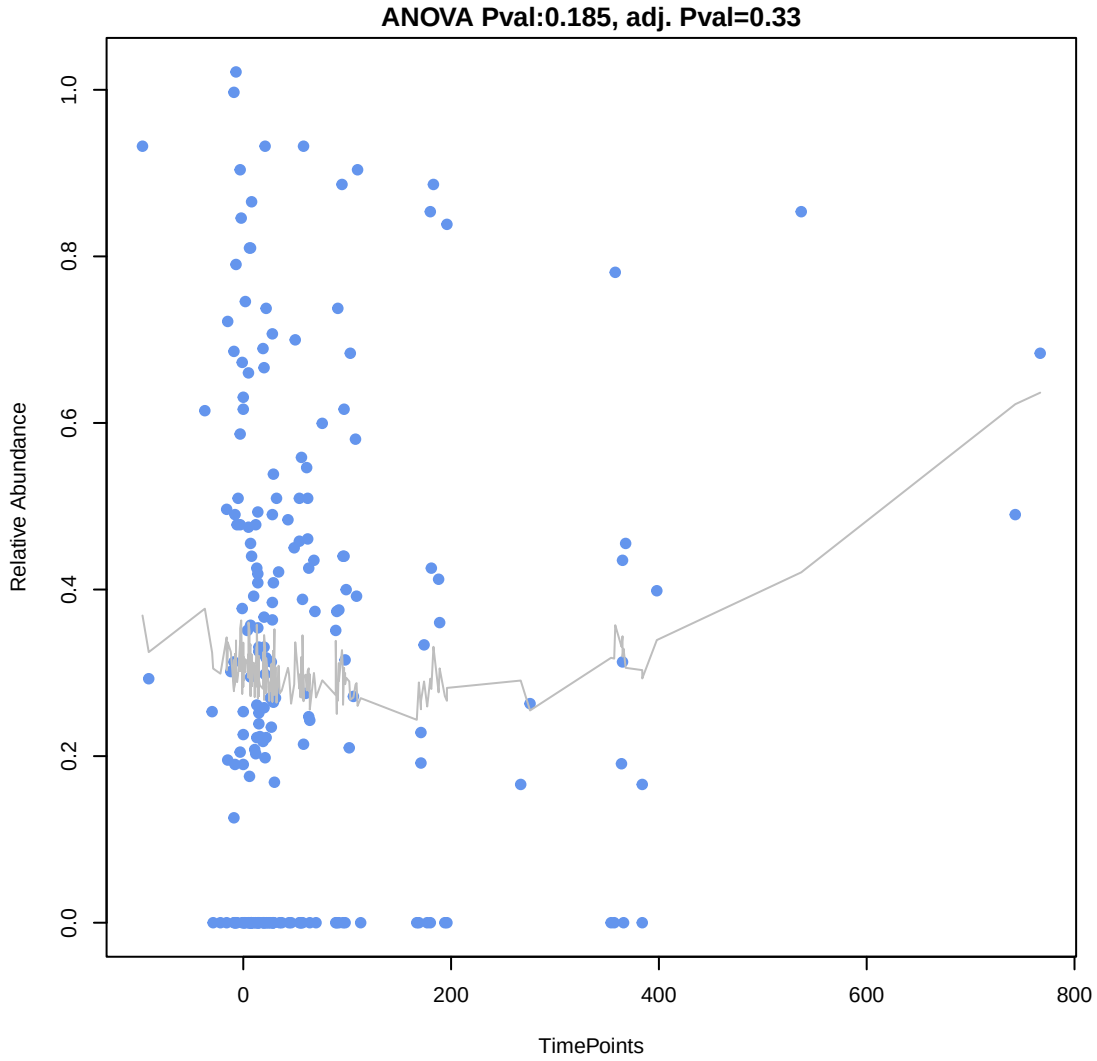
RGI
Escherichia coli GlpT with mutation conferring resistance to fosfomycin
ANOVA Pval:0.174, adj. Pval=0.327



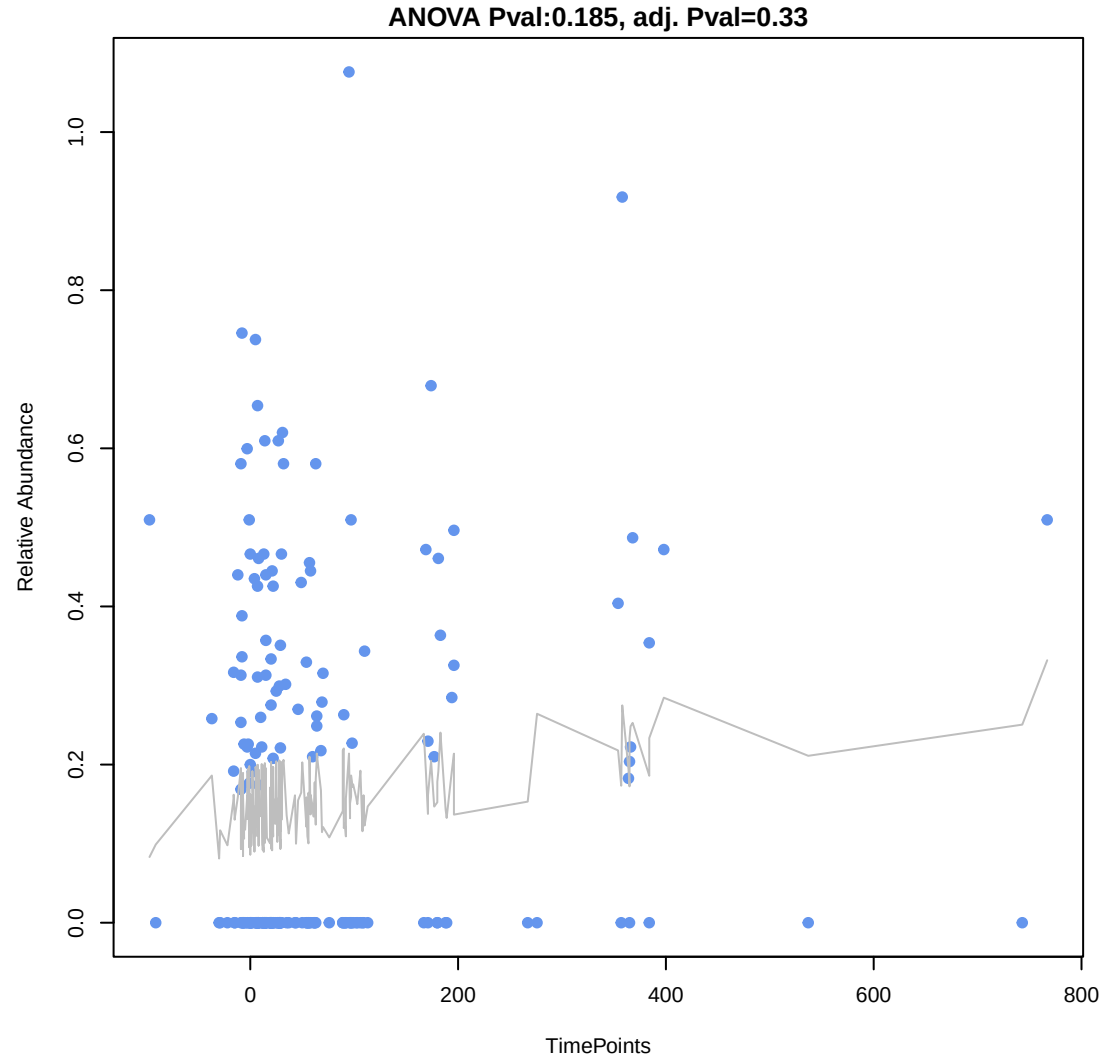
RGI
cpxA
ANOVA Pval:0.183, adj. Pval=0.33

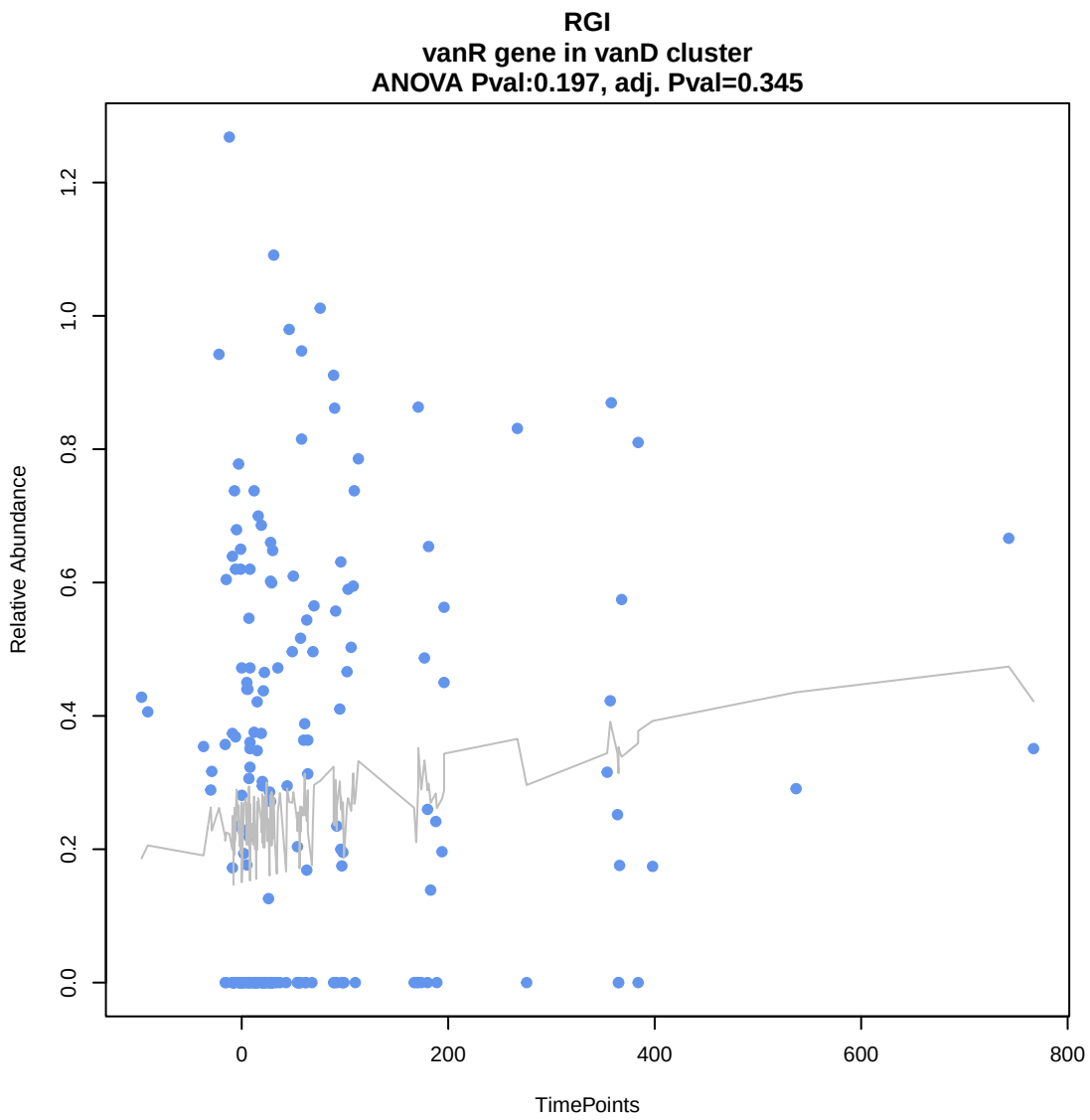


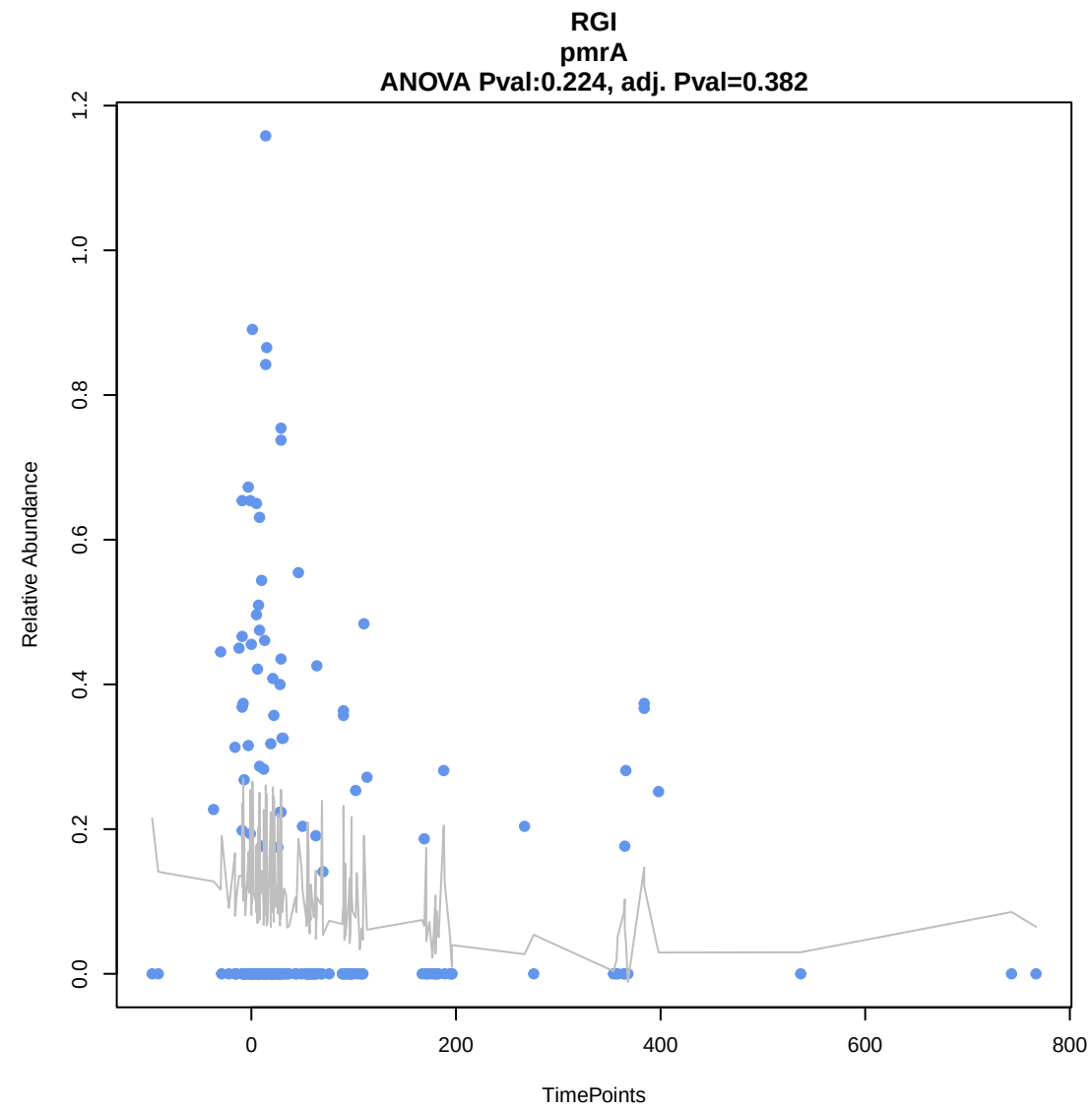
RGI
efrB
ANOVA Pval:0.185, adj. Pval=0.33

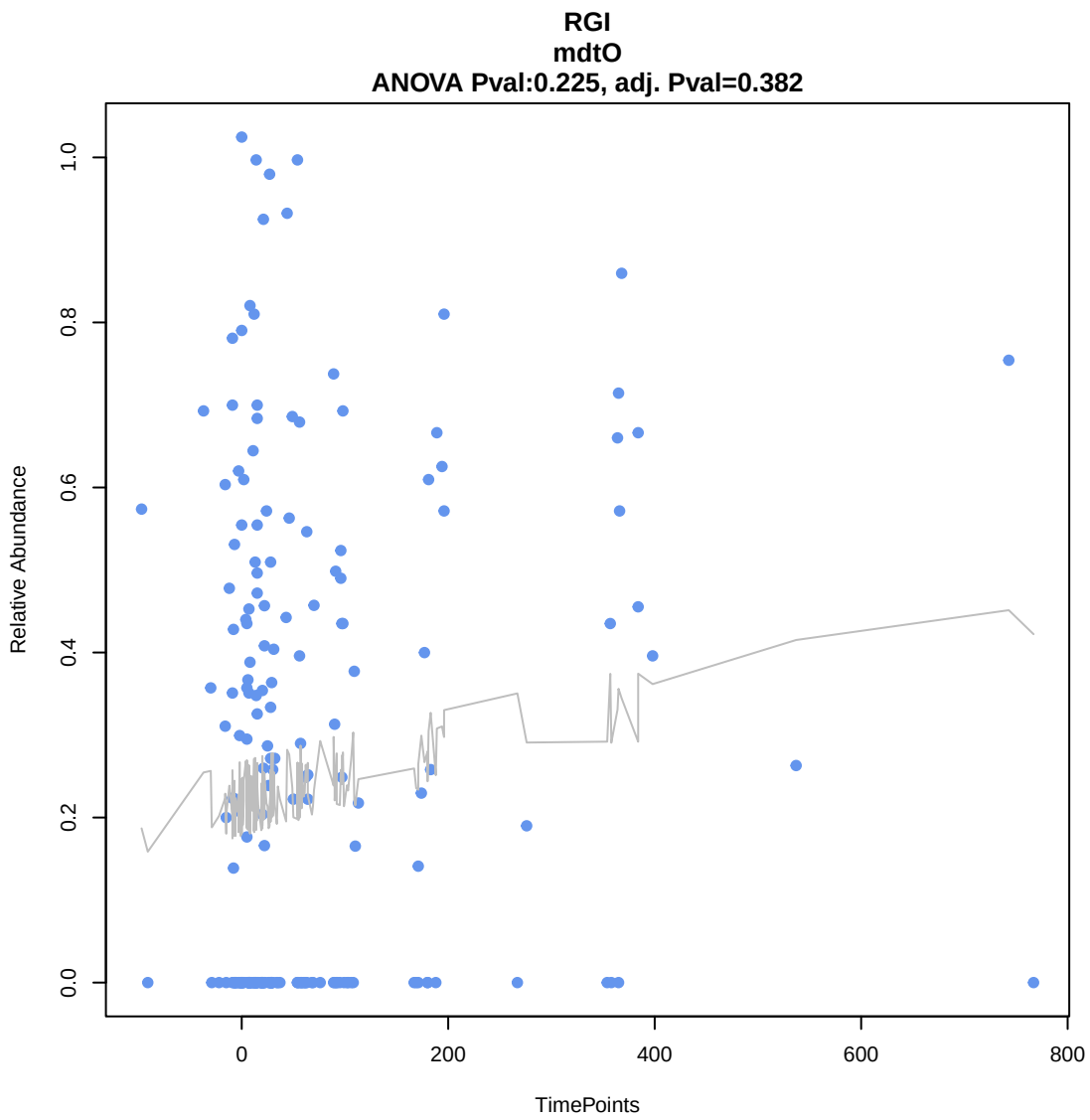


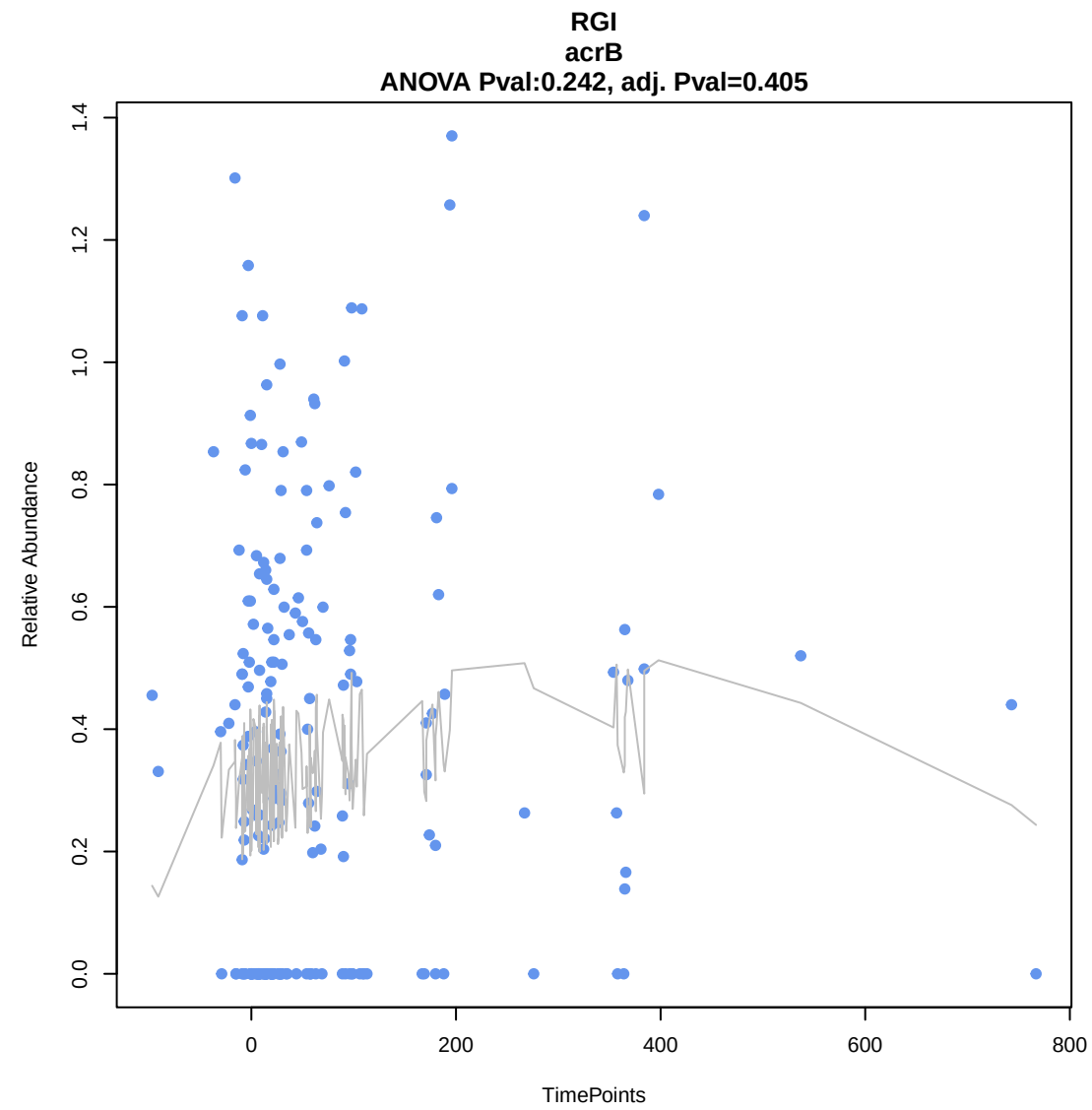
RGI
AcrE
ANOVA Pval:0.185, adj. Pval=0.33

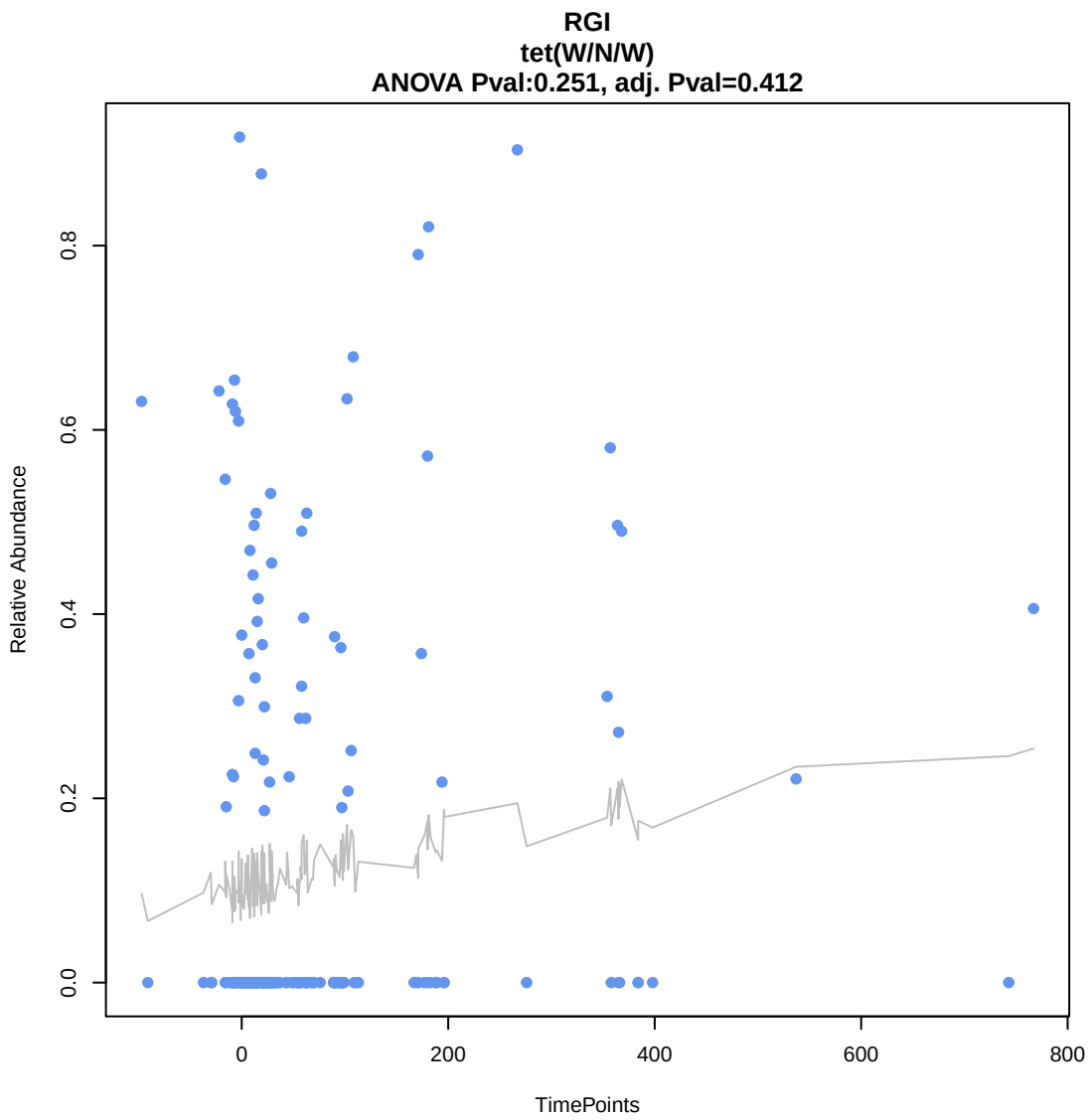


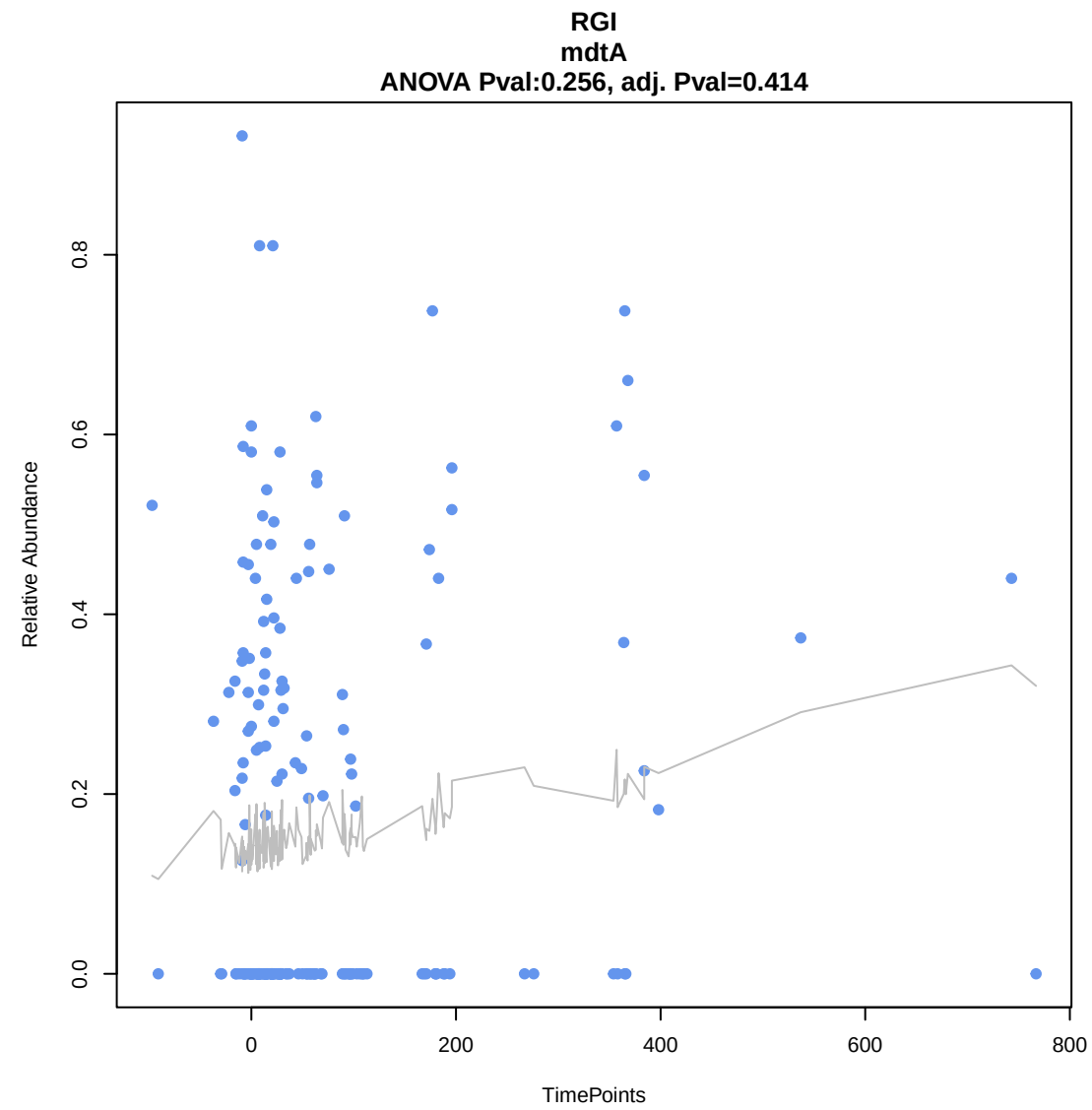

RGI
vanR gene in vanD cluster
ANOVA Pval:0.197, adj. Pval=0.345
Relative Abundance
TimePoints

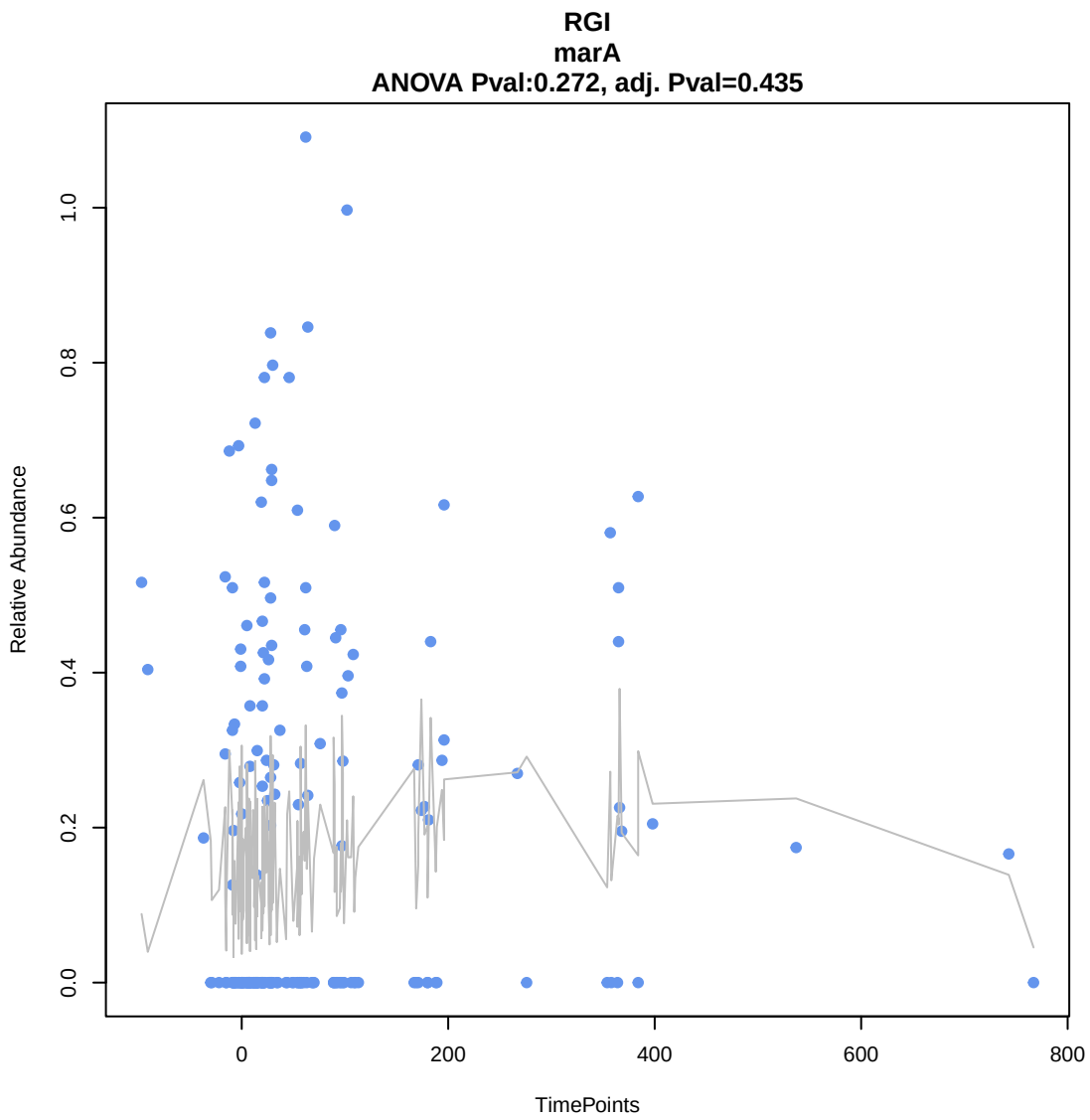

RGI
pmrA
ANOVA Pval:0.224, adj. Pval=0.382
Relative Abundance
TimePoints

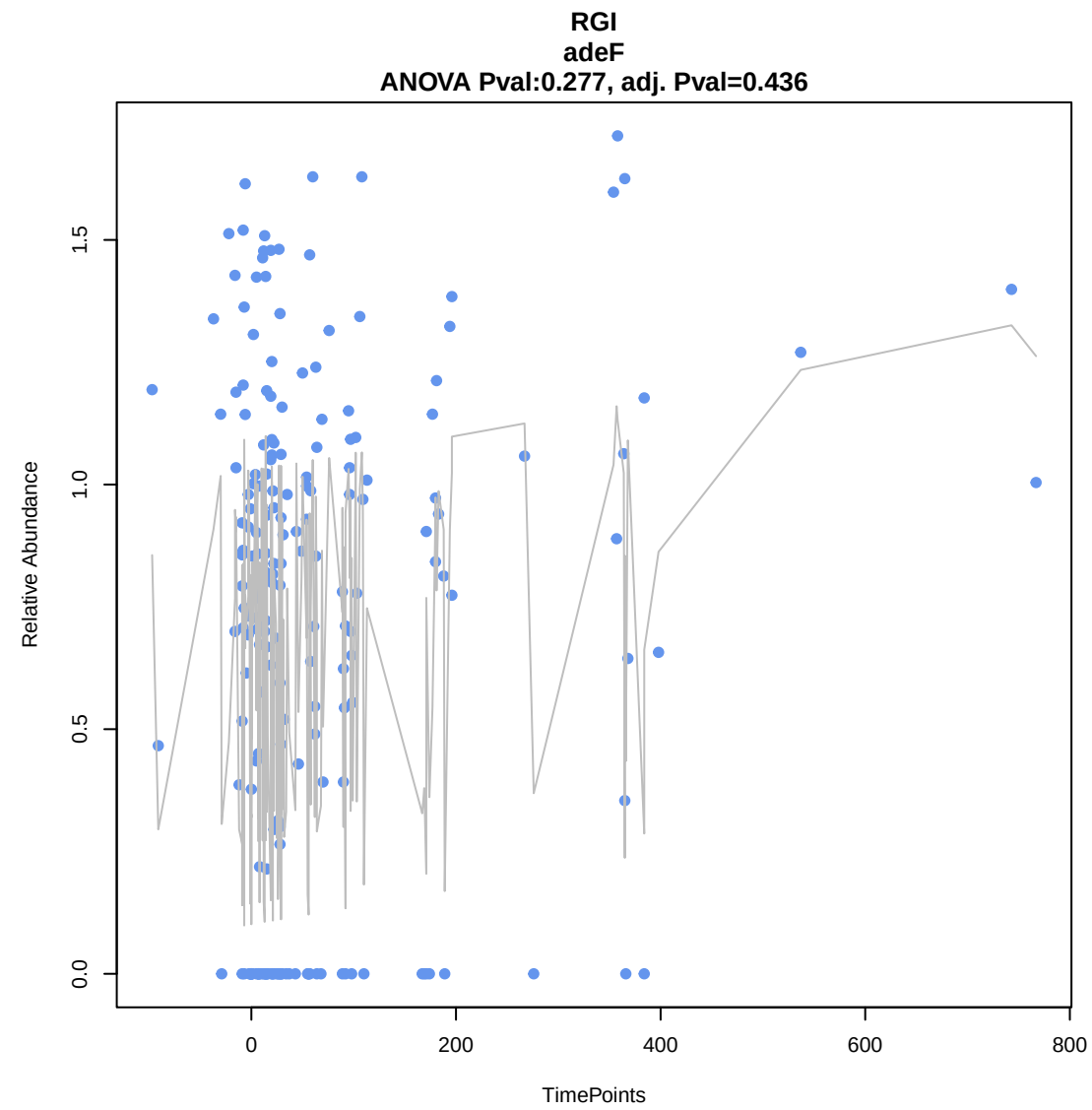

RGI
mdtO
ANOVA Pval:0.225, adj. Pval=0.382
Relative Abundance
TimePoints

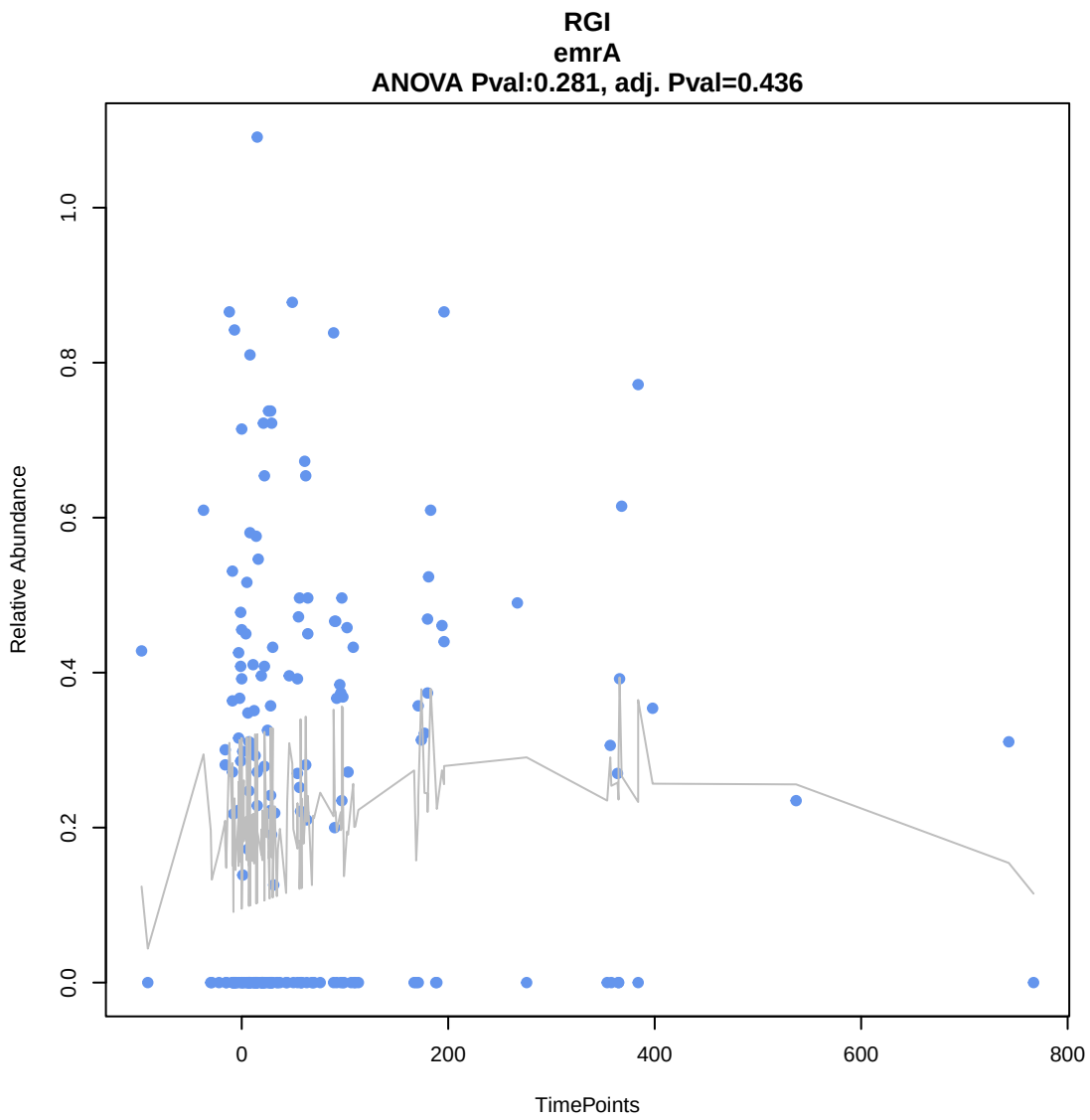

RGI
acrB
ANOVA Pval:0.242, adj. Pval=0.405
Relative Abundance
TimePoints

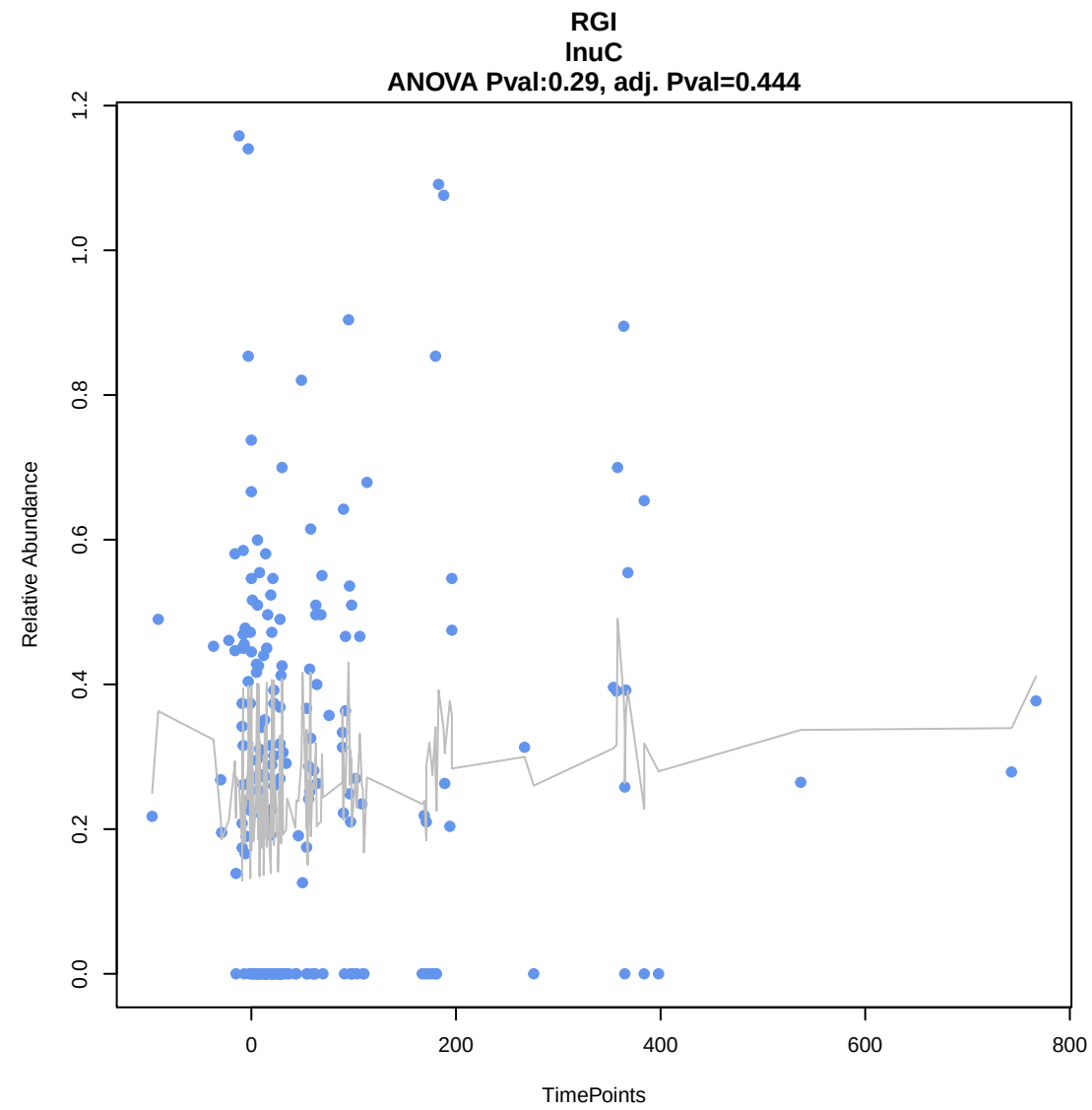

RGI
tet(W/N/W)
ANOVA Pval:0.251, adj. Pval=0.412
Relative Abundance
TimePoints

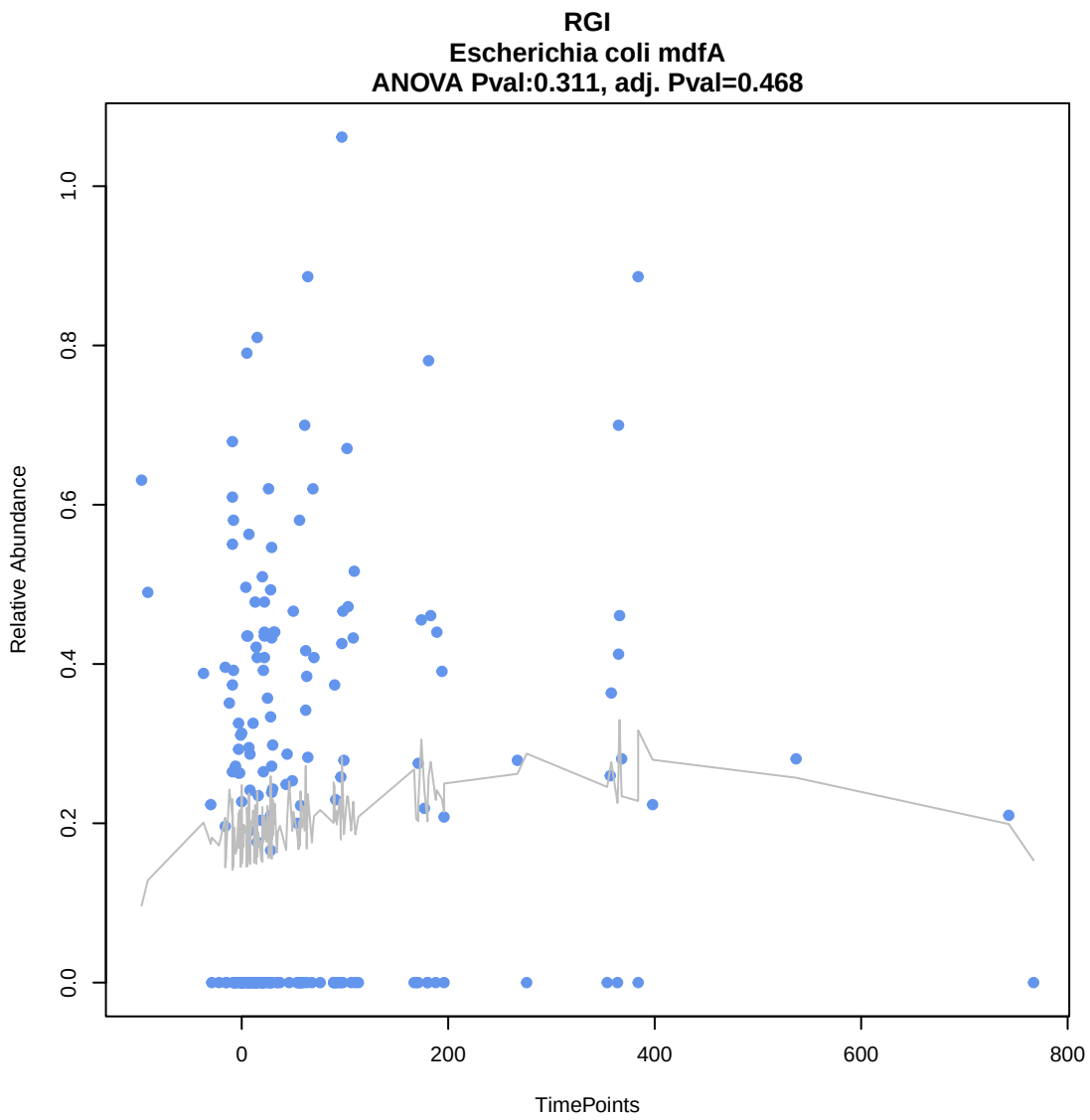

RGI
mdtA
ANOVA Pval:0.256, adj. Pval=0.414
Relative Abundance
TimePoints

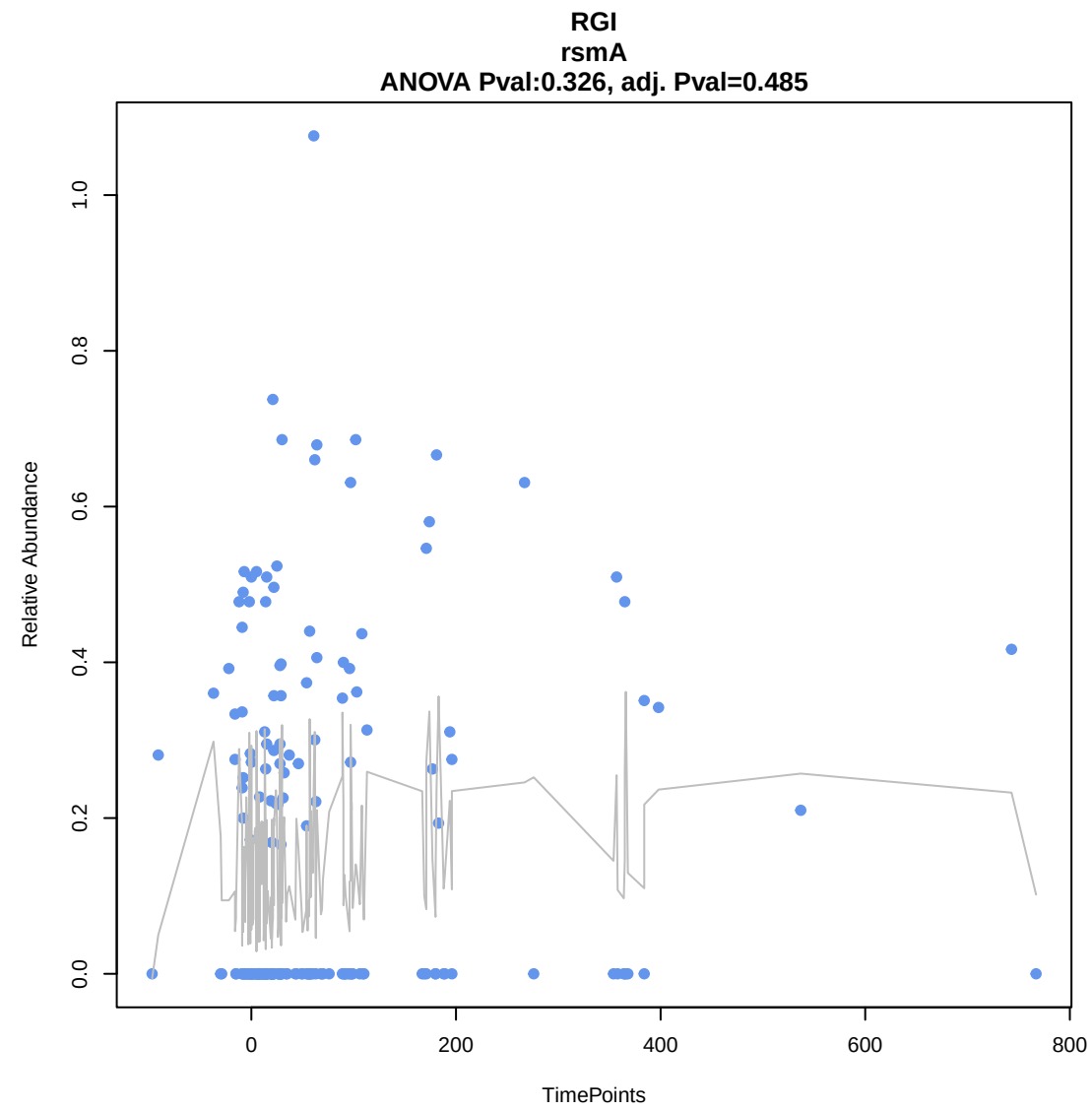

RGI
marA
ANOVA Pval:0.272, adj. Pval=0.435
Relative Abundance
TimePoints


RGI
adeF
ANOVA Pval:0.277, adj. Pval=0.436
Relative Abundance
TimePoints

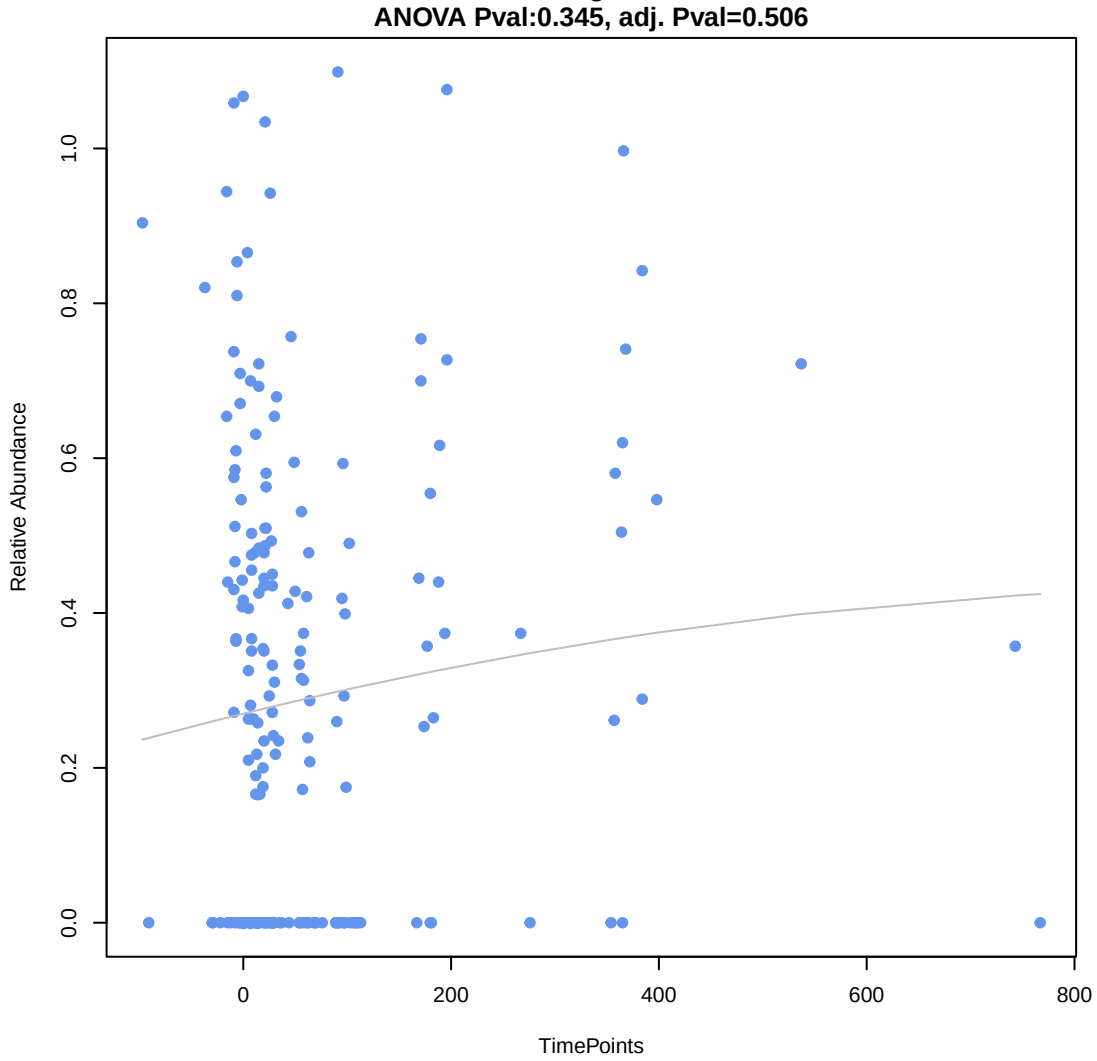

RGI
emrA
ANOVA Pval:0.281, adj. Pval=0.436
Relative Abundance
TimePoints


RGI
lnuC
ANOVA Pval:0.29, adj. Pval=0.444
Relative Abundance
TimePoints

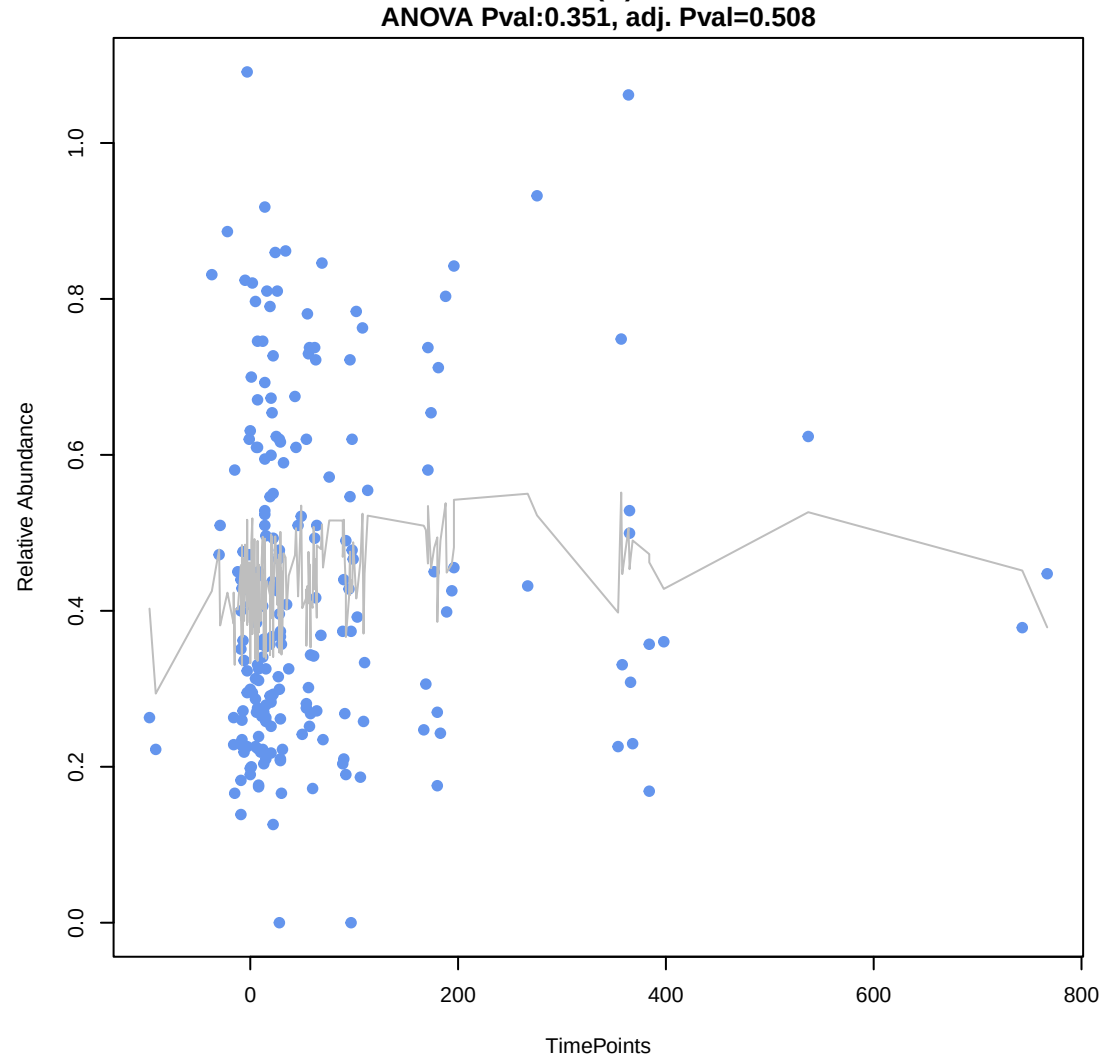

RGI
Escherichia coli mdfA
ANOVA Pval:0.311, adj. Pval=0.468
Relative Abundance
TimePoints


RGI
rsmA
ANOVA Pval:0.326, adj. Pval=0.485
Relative Abundance
TimePoints

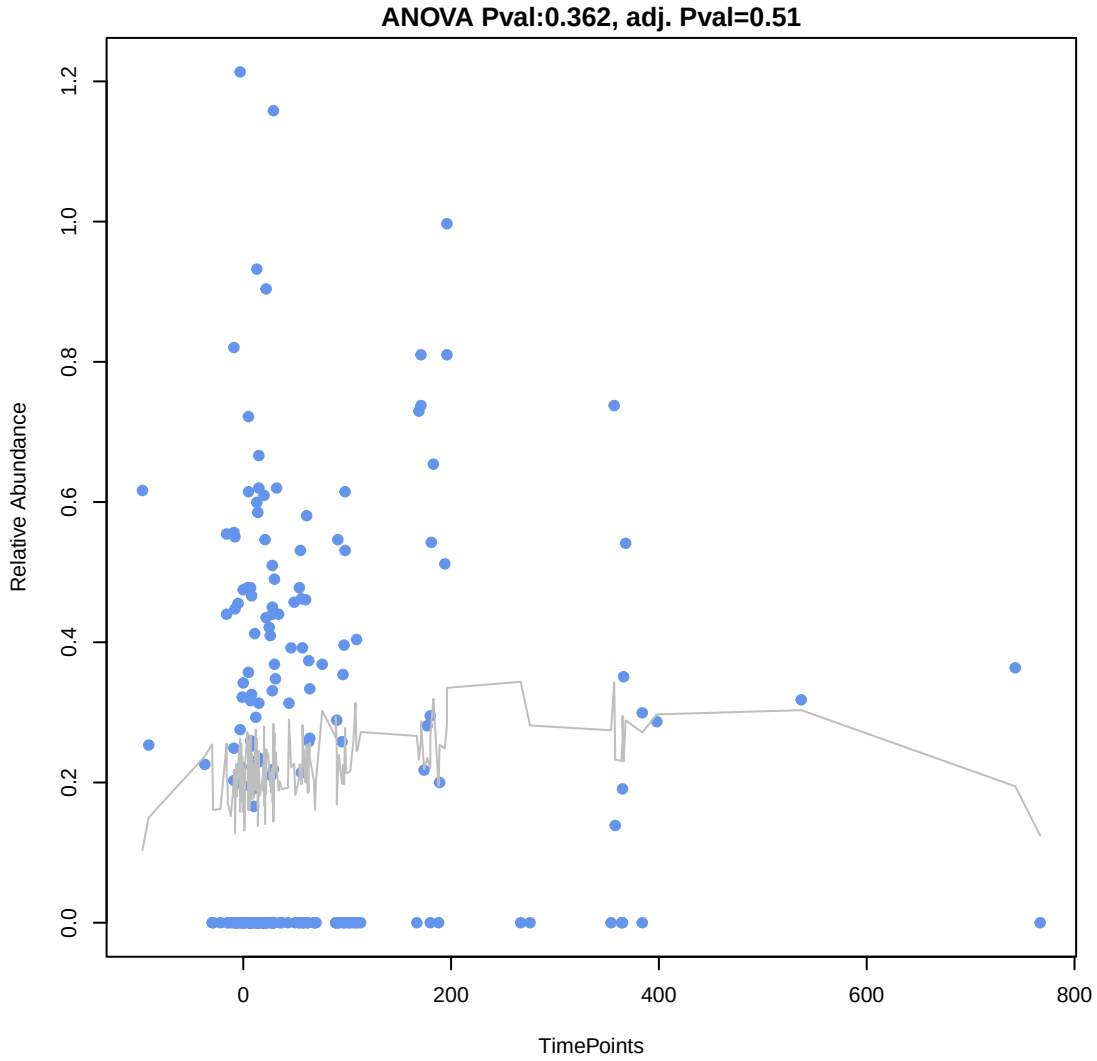
RGI
evgS
ANOVA Pval:0.345, adj. Pval=0.506



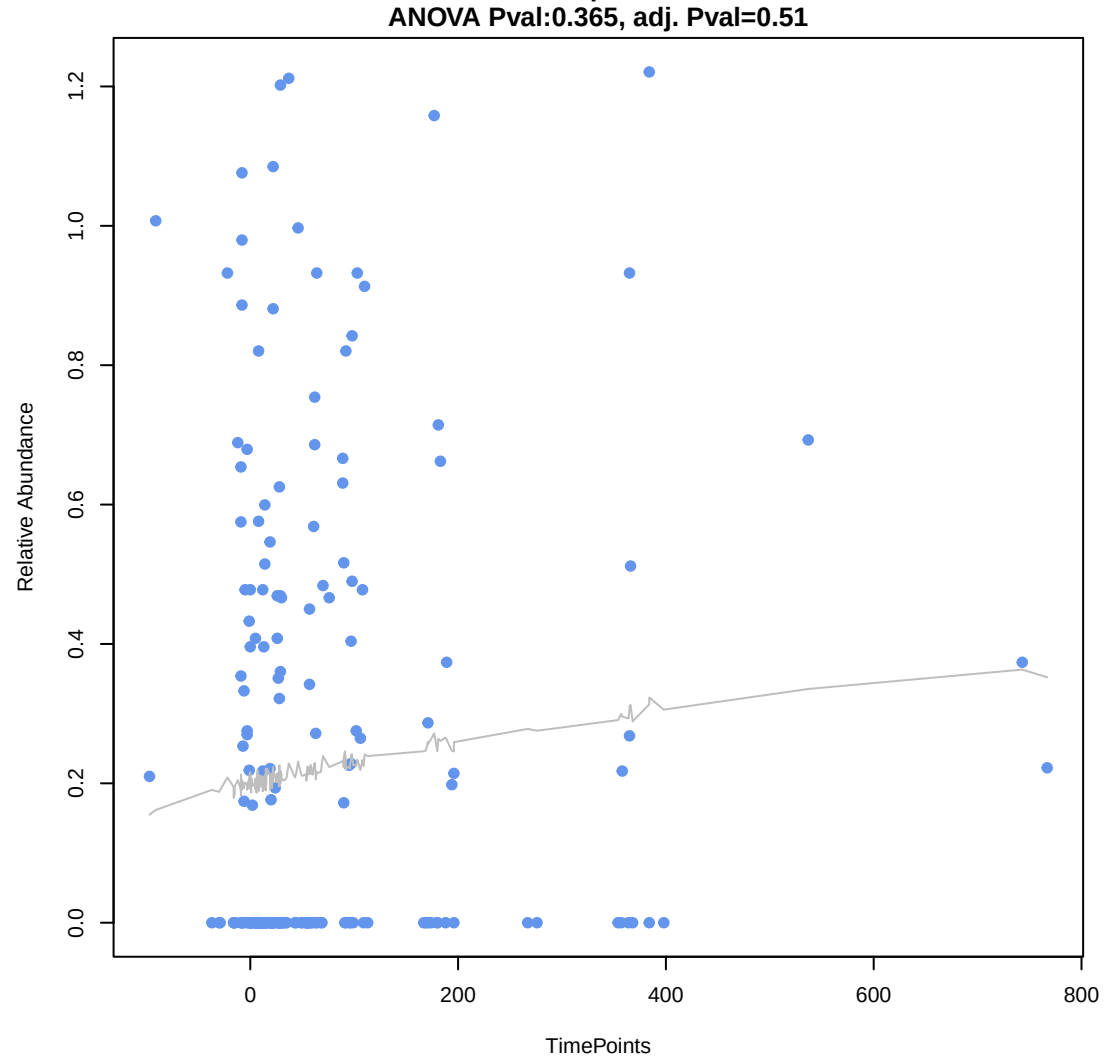
RGI
tet(O)
ANOVA Pval:0.351, adj. Pval=0.508



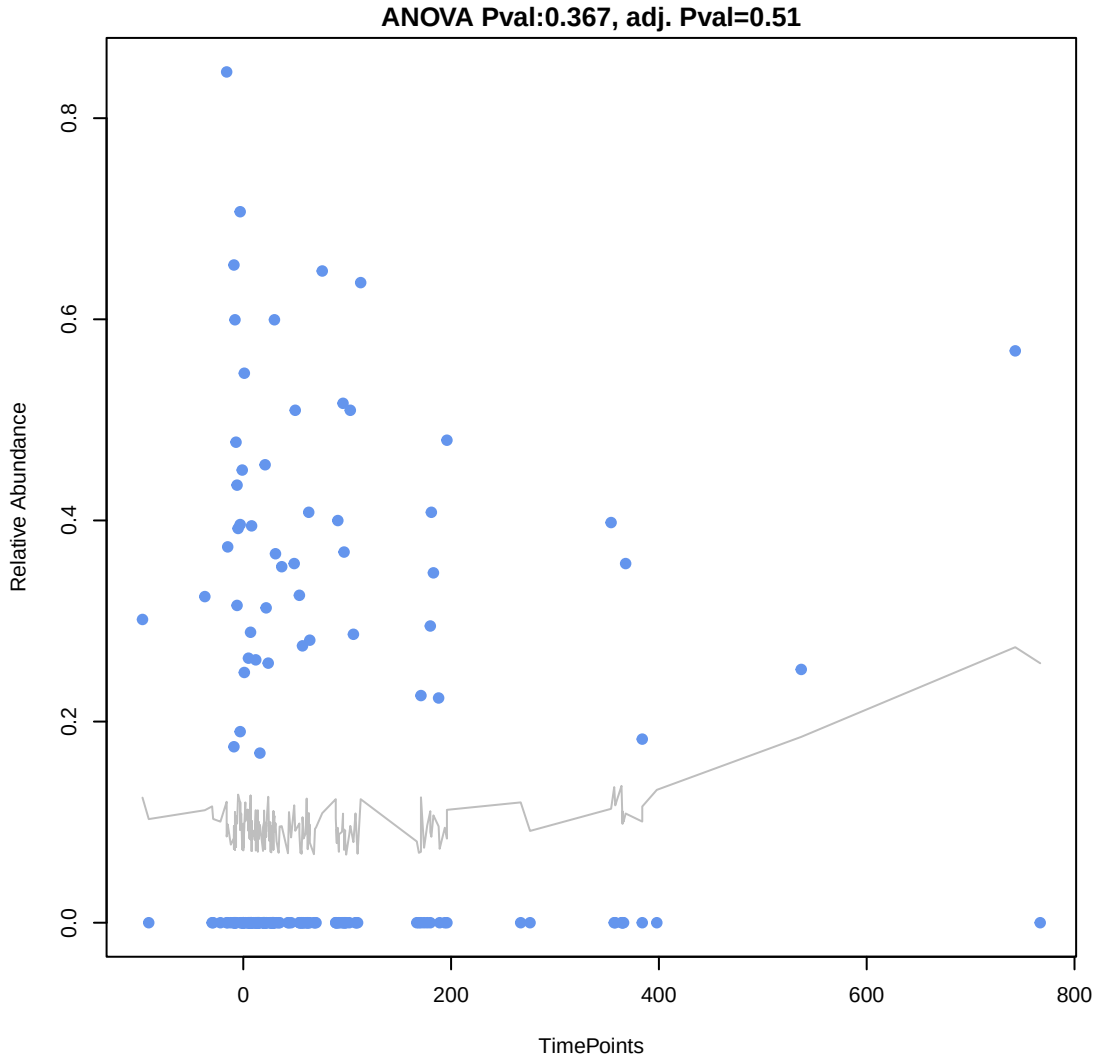
RGI
TolC
ANOVA Pval:0.362, adj. Pval=0.51



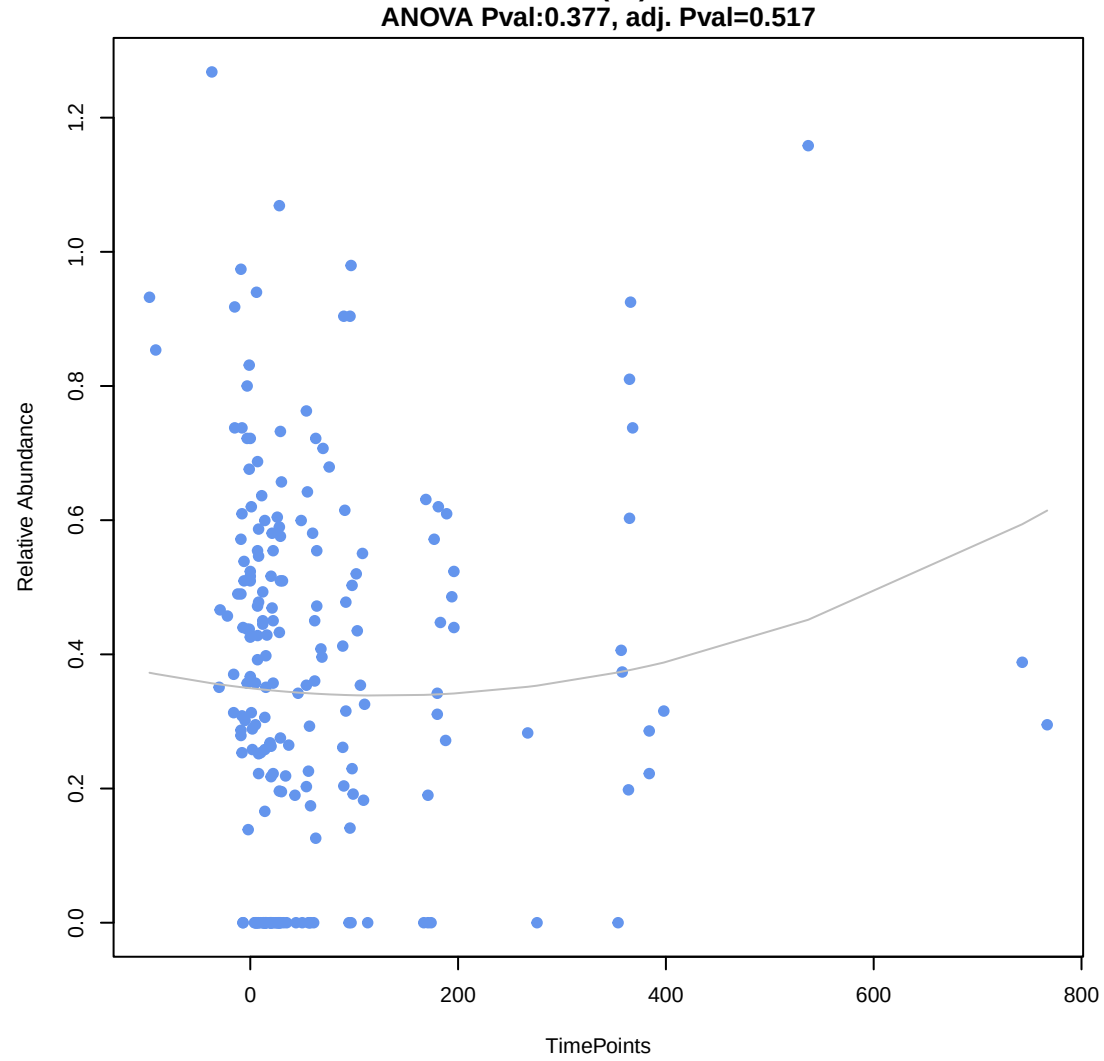
RGI
oqxB
ANOVA Pval:0.365, adj. Pval=0.51

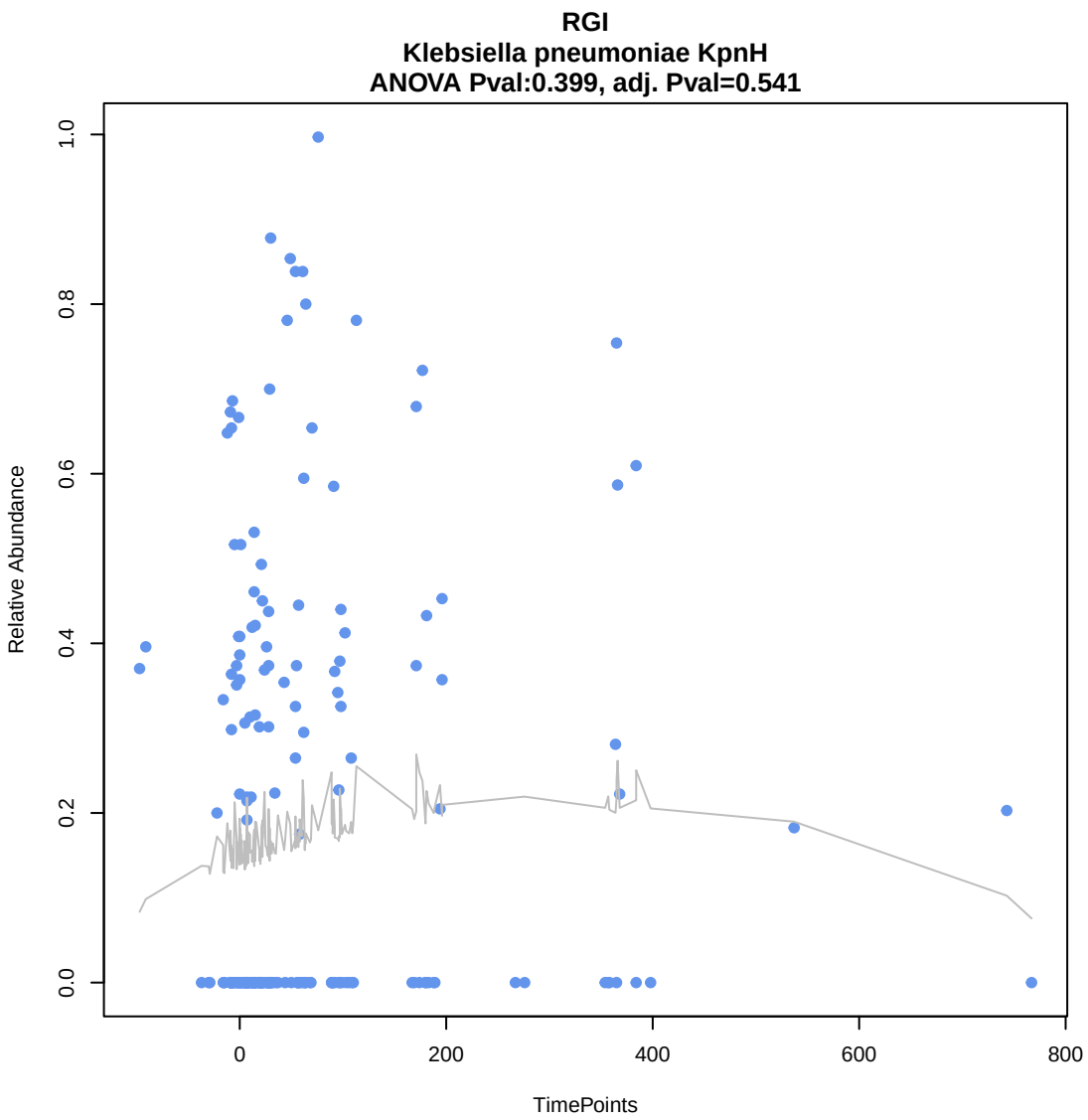


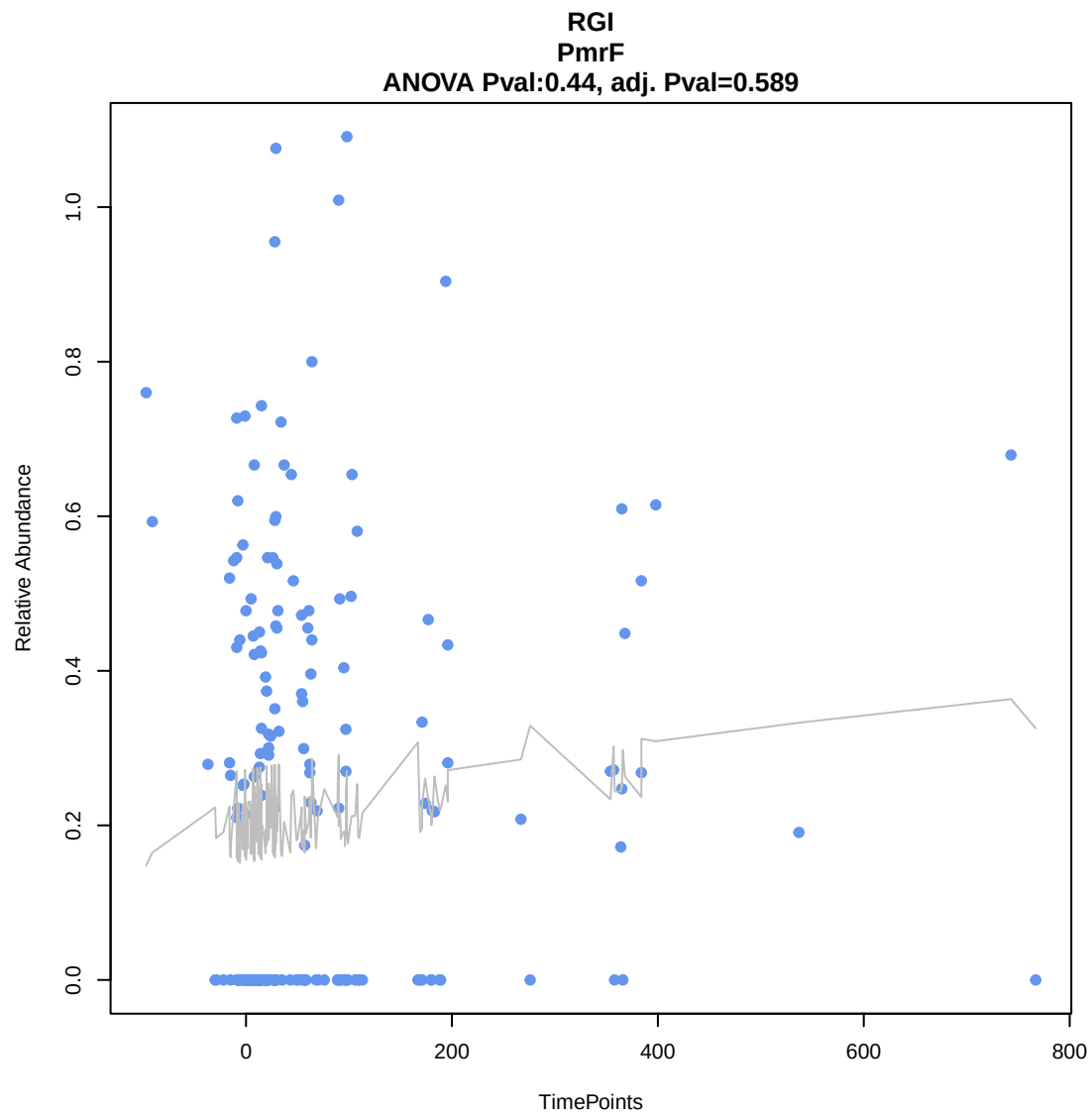
RGI
SHV−43
ANOVA Pval:0.367, adj. Pval=0.51

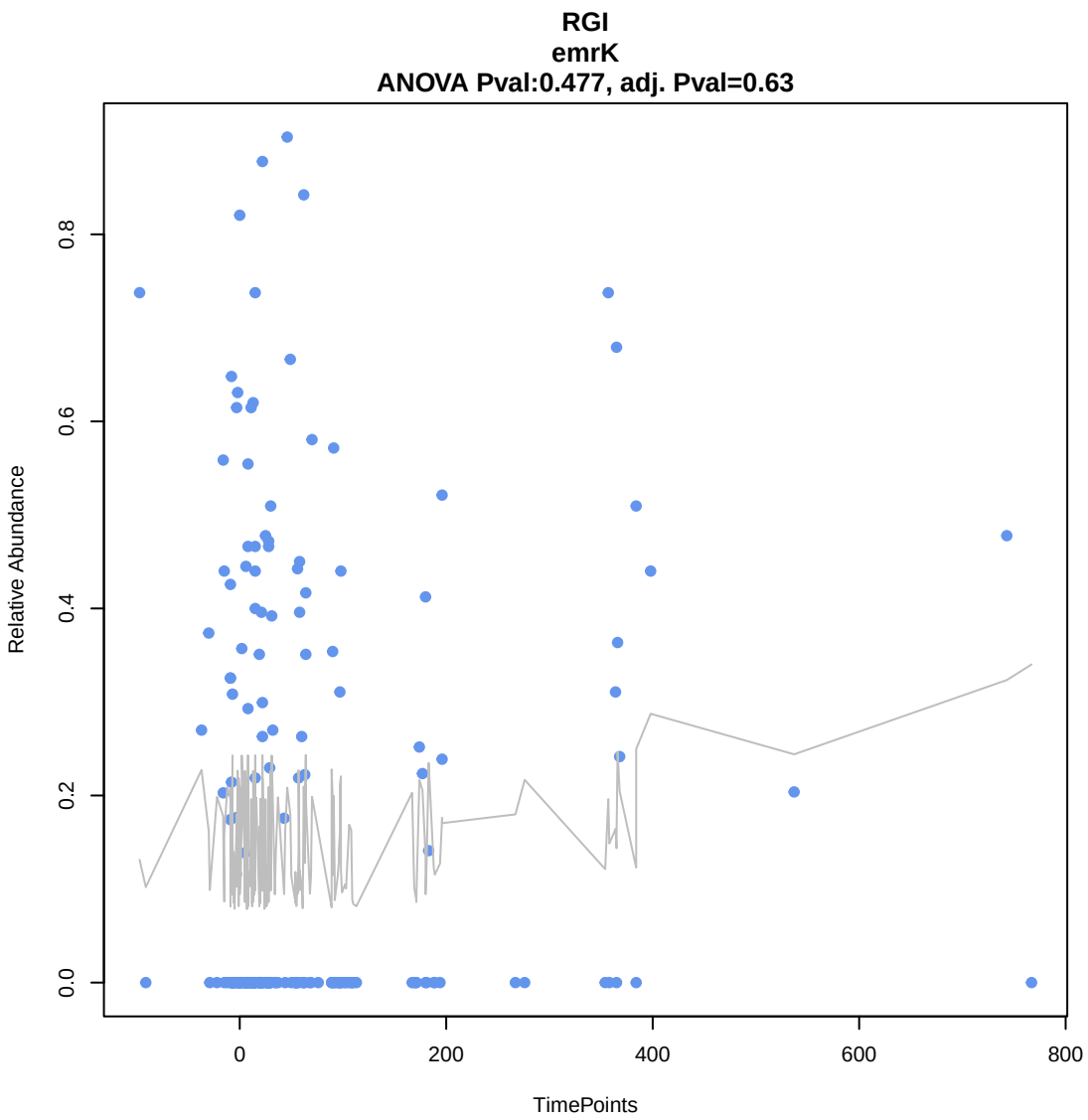


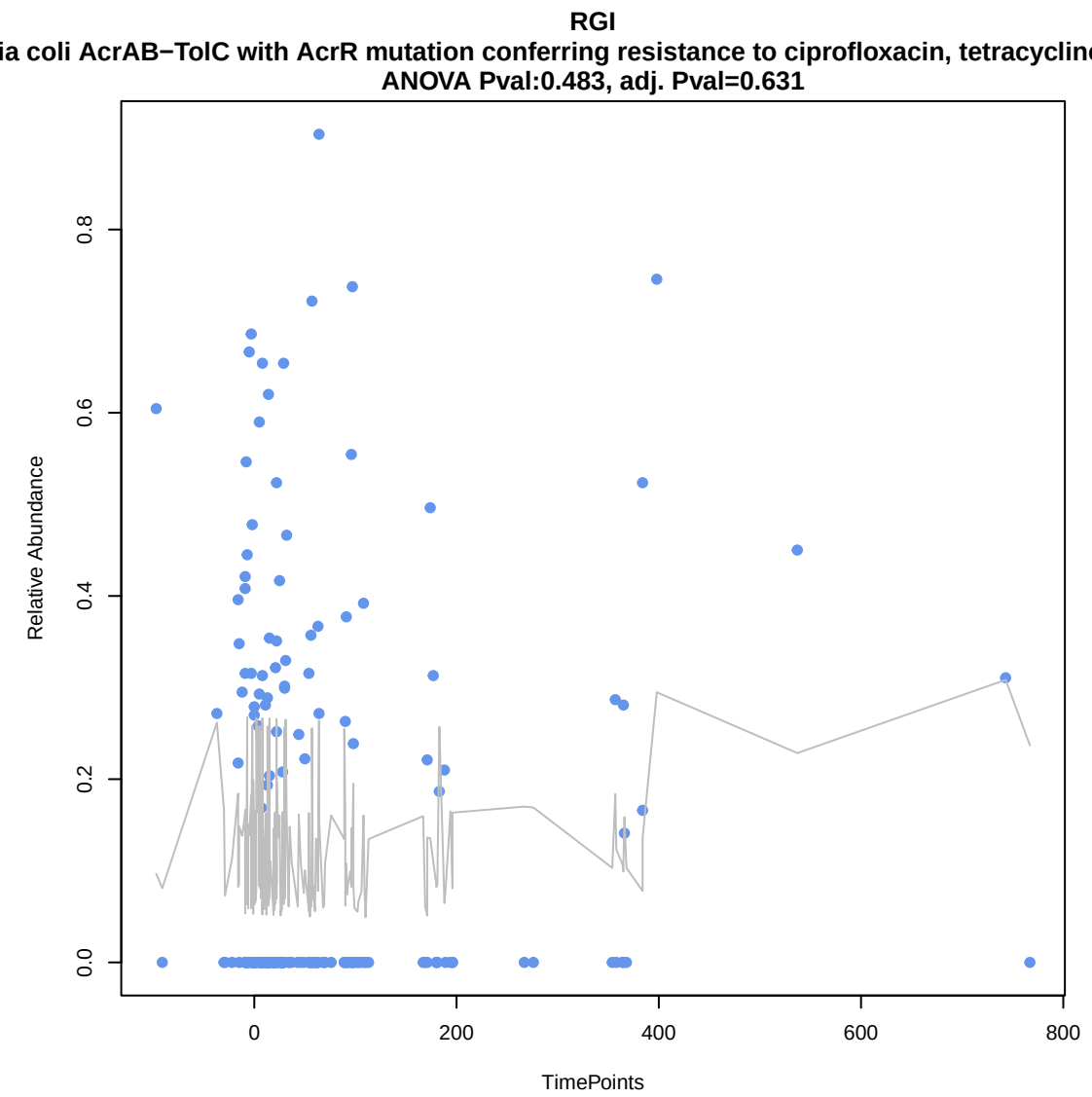
RGI
tetB(46)
ANOVA Pval:0.377, adj. Pval=0.517

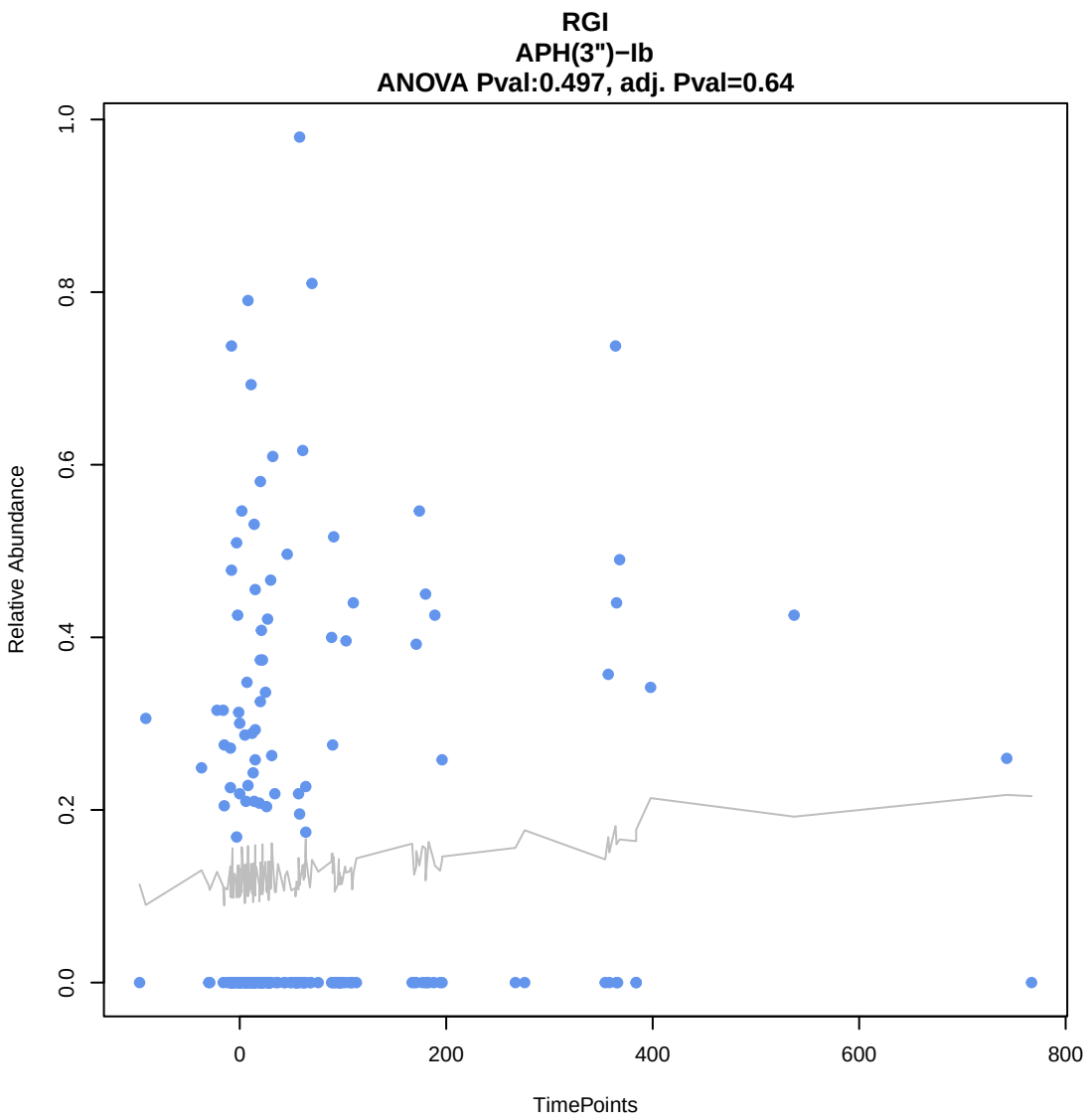


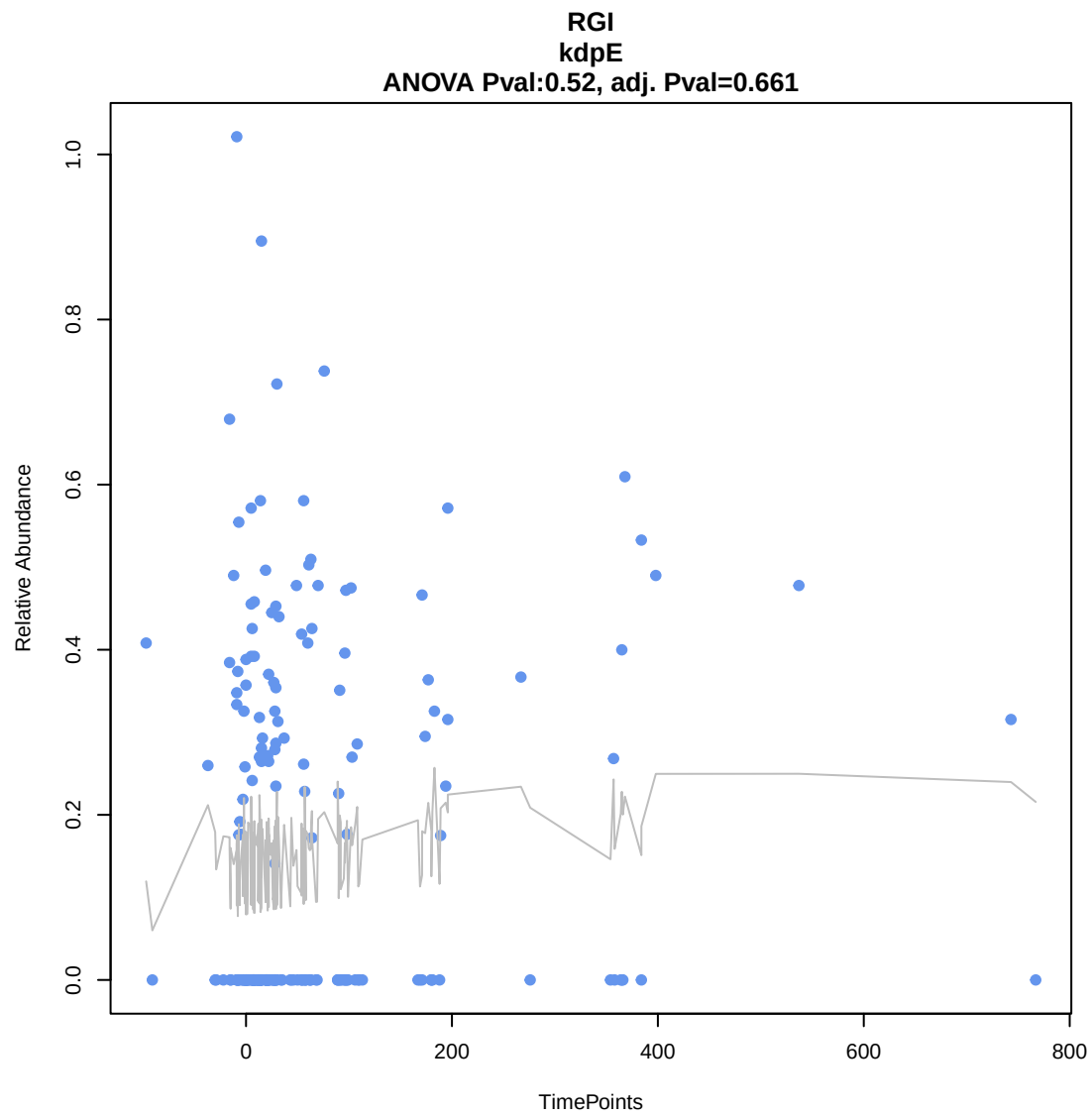

RGI
Klebsiella pneumoniae KpnH
ANOVA Pval:0.399, adj. Pval=0.541
Relative Abundance
TimePoints


RGI
PmrF
ANOVA Pval:0.44, adj. Pval=0.589
Relative Abundance
TimePoints

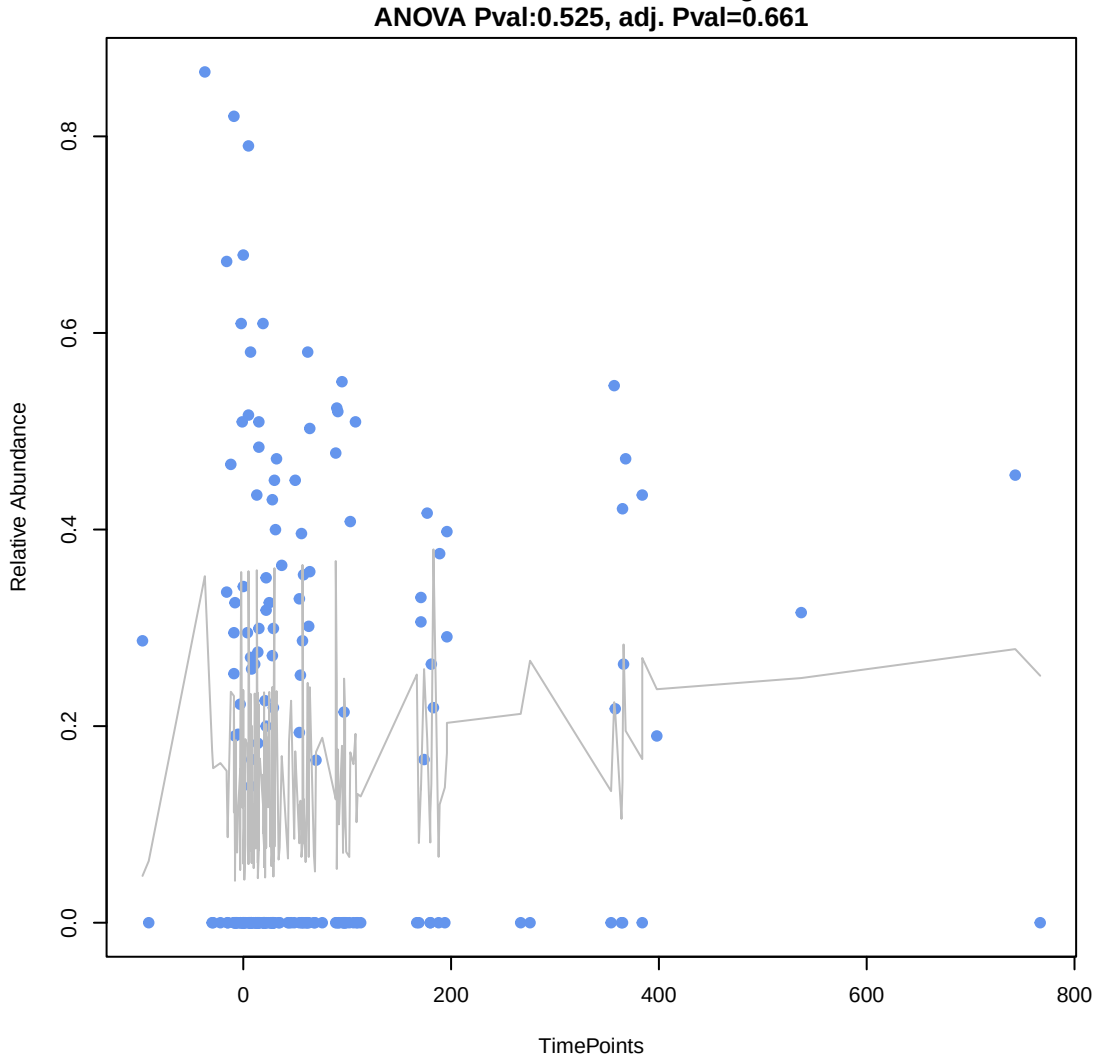

RGI
emrK
ANOVA Pval:0.477, adj. Pval=0.63
Relative Abundance
TimePoints


RGI
chia coli AcrAB−TolC with AcrR mutation conferring resistance to ciprofloxacin, tetracycline
ANOVA Pval:0.483, adj. Pval=0.631
Relative Abundance
TimePoints

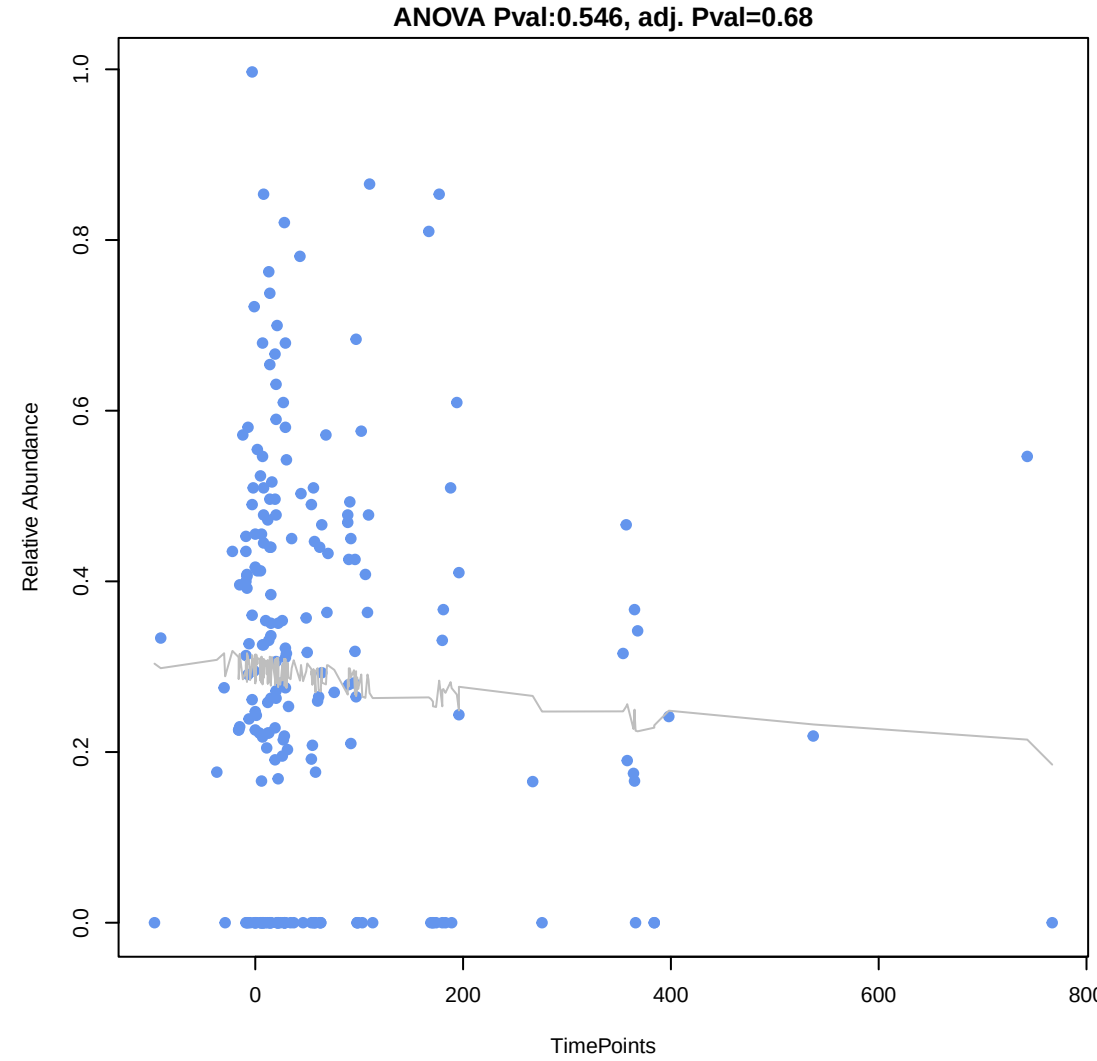

RGI
APH(3")−Ib
ANOVA Pval:0.497, adj. Pval=0.64
Relative Abundance
TimePoints


RGI
kdpE
ANOVA Pval:0.52, adj. Pval=0.661
Relative Abundance
TimePoints

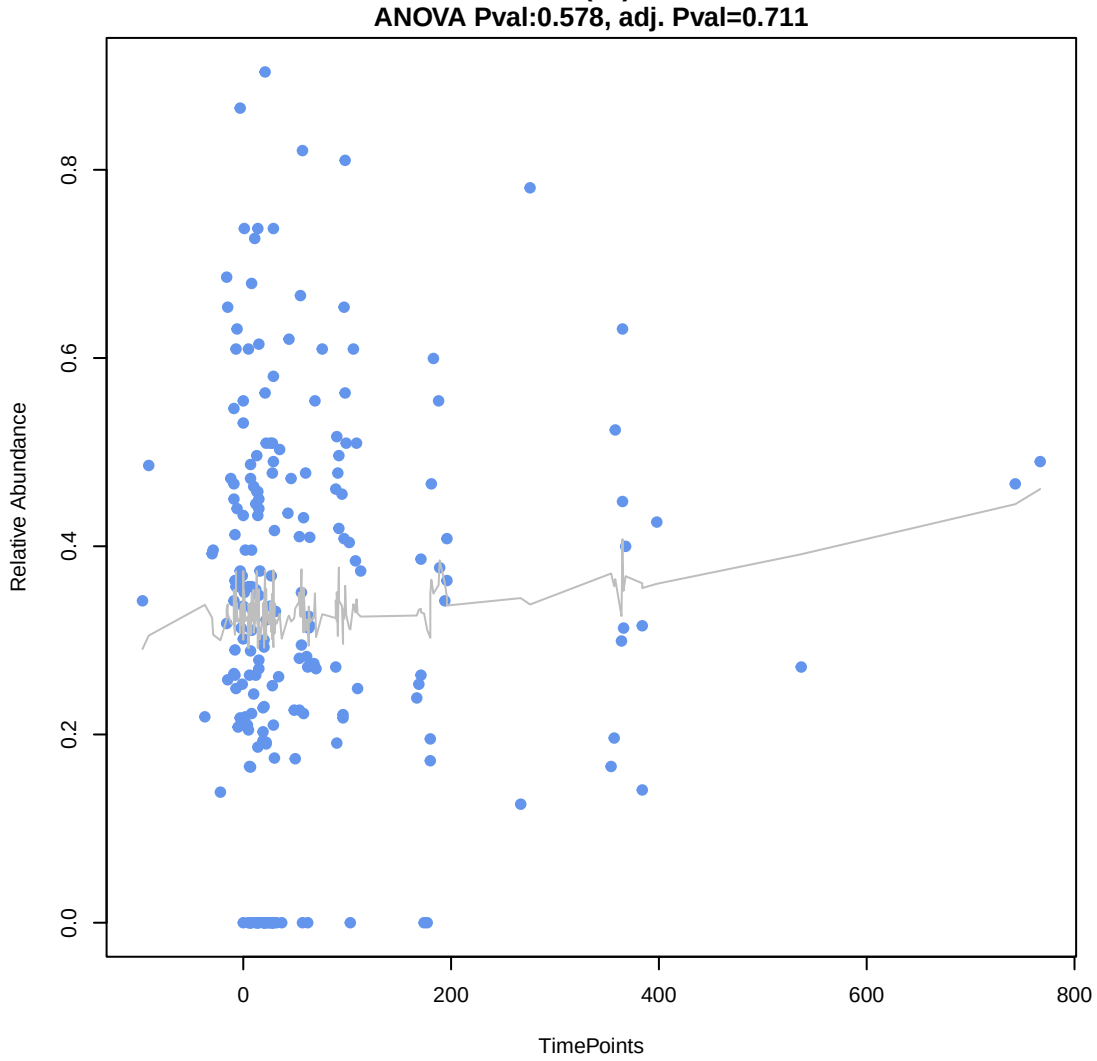
RGI
Escherichia coli soxR with mutation conferring antibiotic resistance
ANOVA Pval:0.525, adj. Pval=0.661



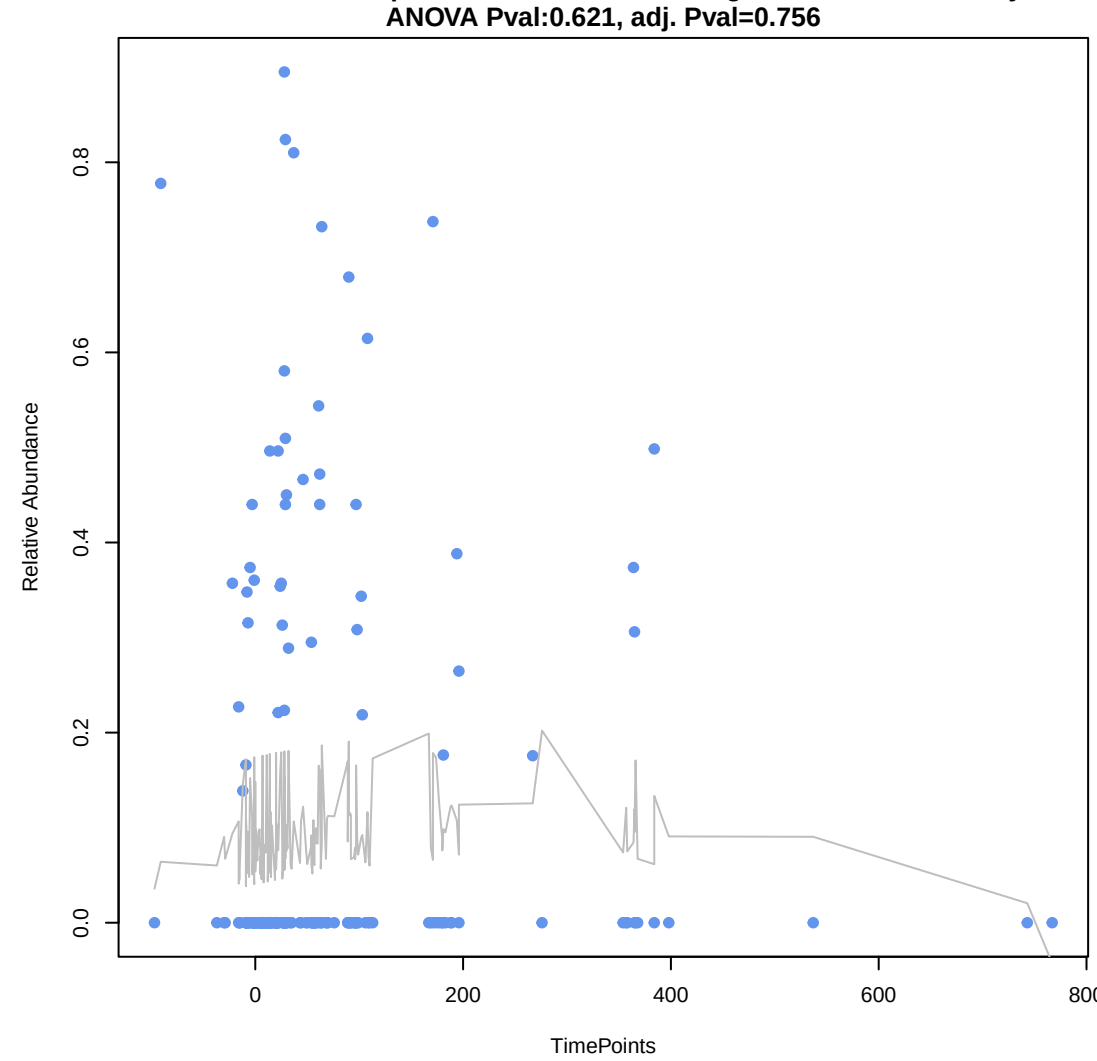
RGI
ErmF
ANOVA Pval:0.546, adj. Pval=0.68



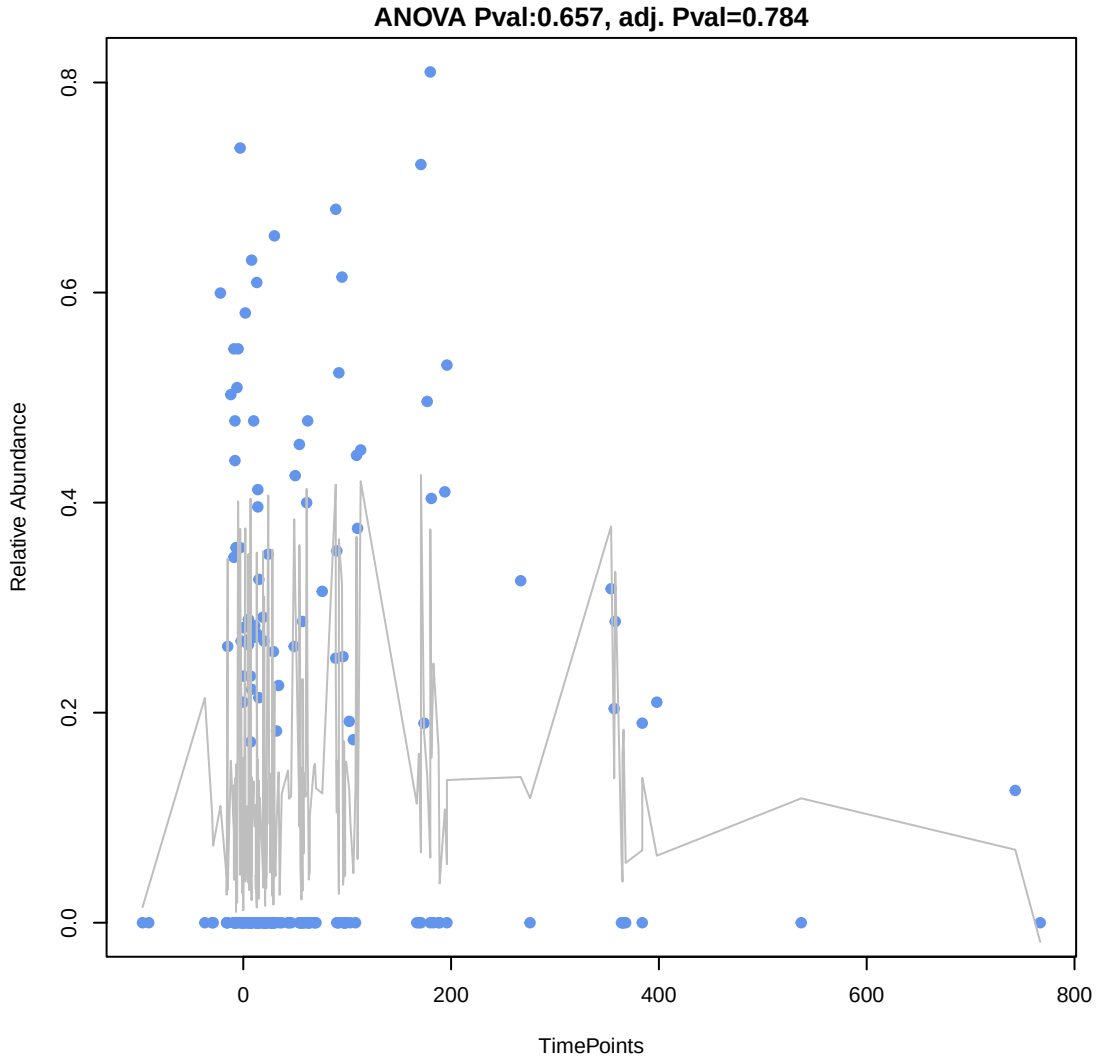
RGI
tet(40)
ANOVA Pval:0.578, adj. Pval=0.711



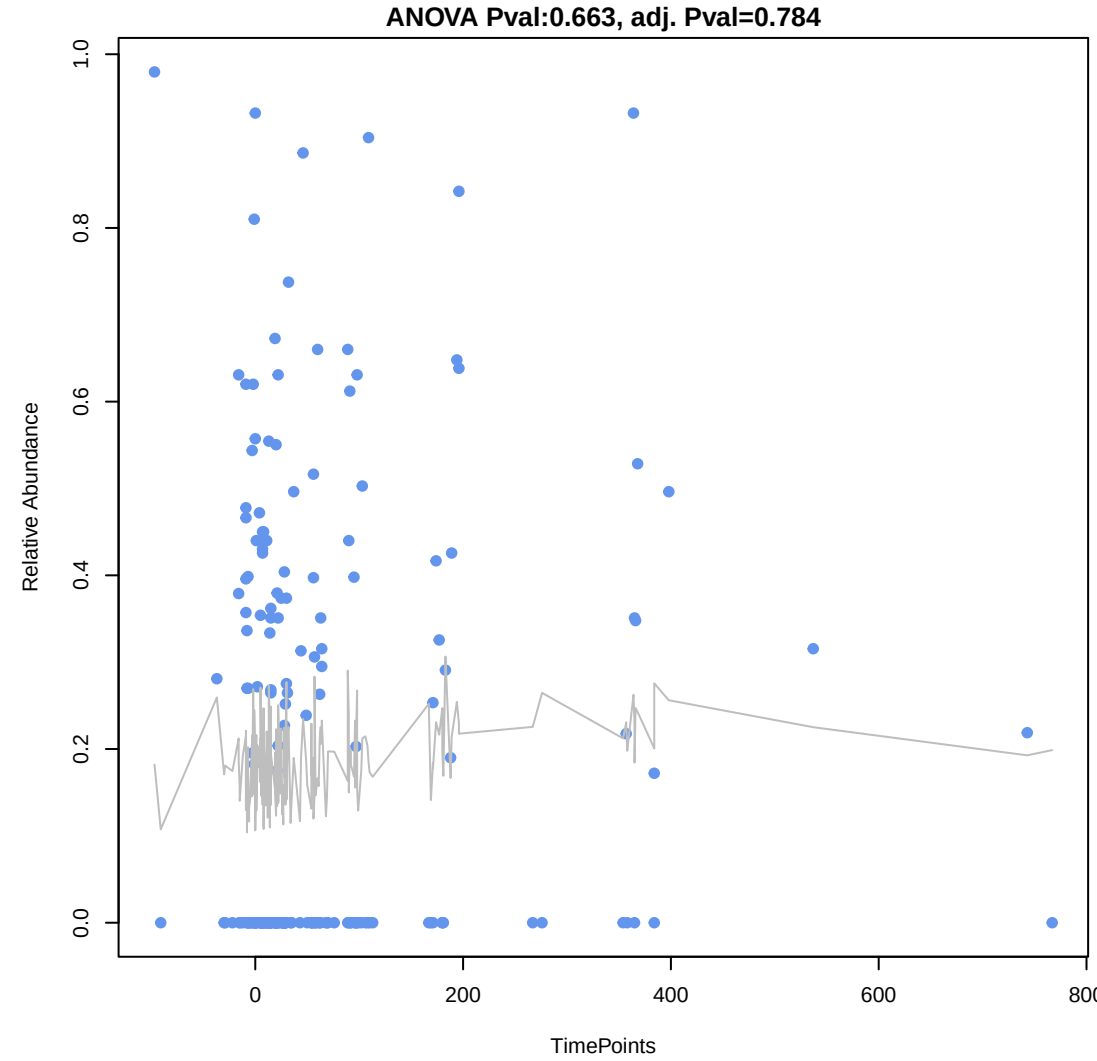
RGI
Escherichia coli UhpT with mutation conferring resistance to fosfomycin
ANOVA Pval:0.621, adj. Pval=0.756



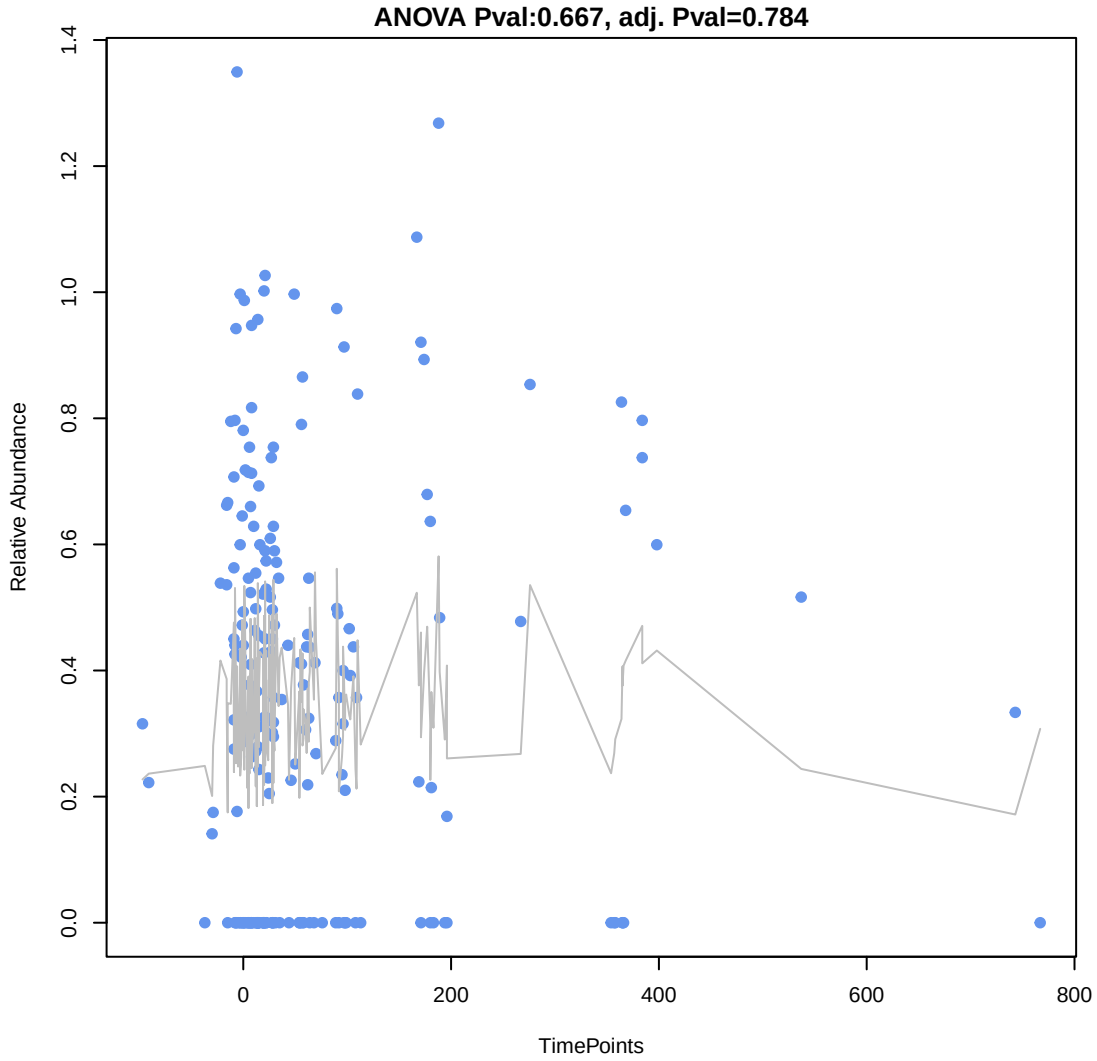
RGI
CfxA3
ANOVA Pval:0.657, adj. Pval=0.784



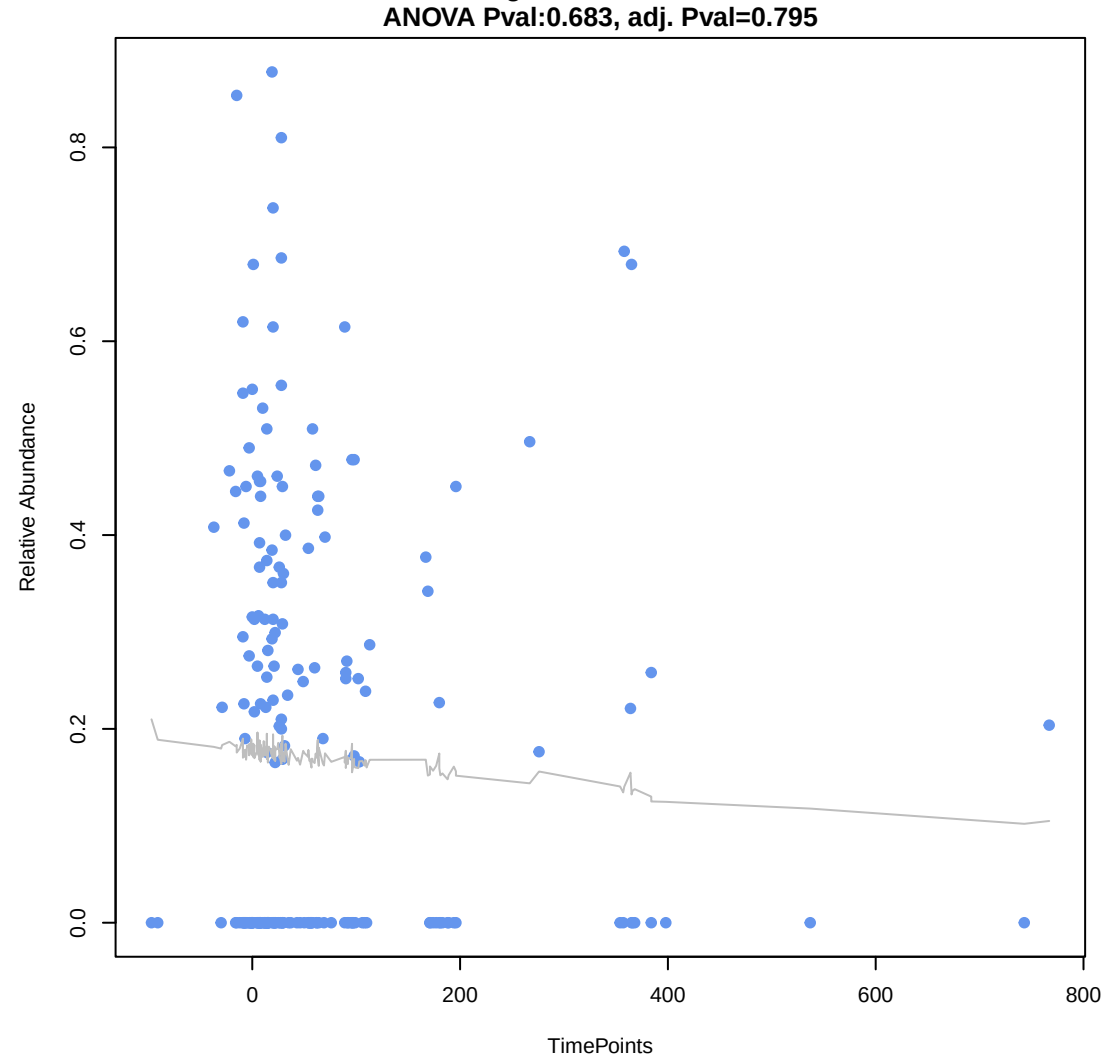
RGI
mdtP
ANOVA Pval:0.663, adj. Pval=0.784



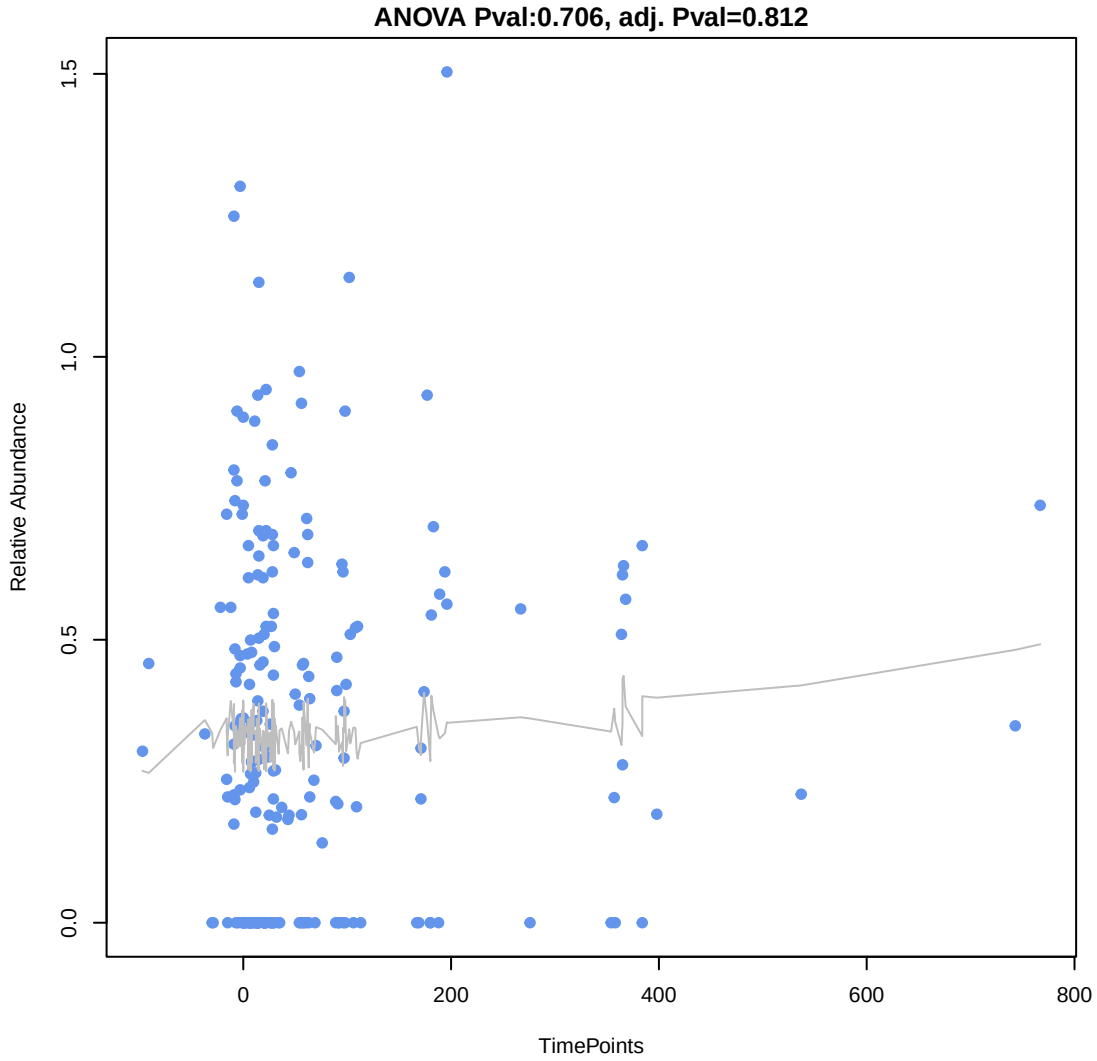
RGI
lmrD
ANOVA Pval:0.667, adj. Pval=0.784



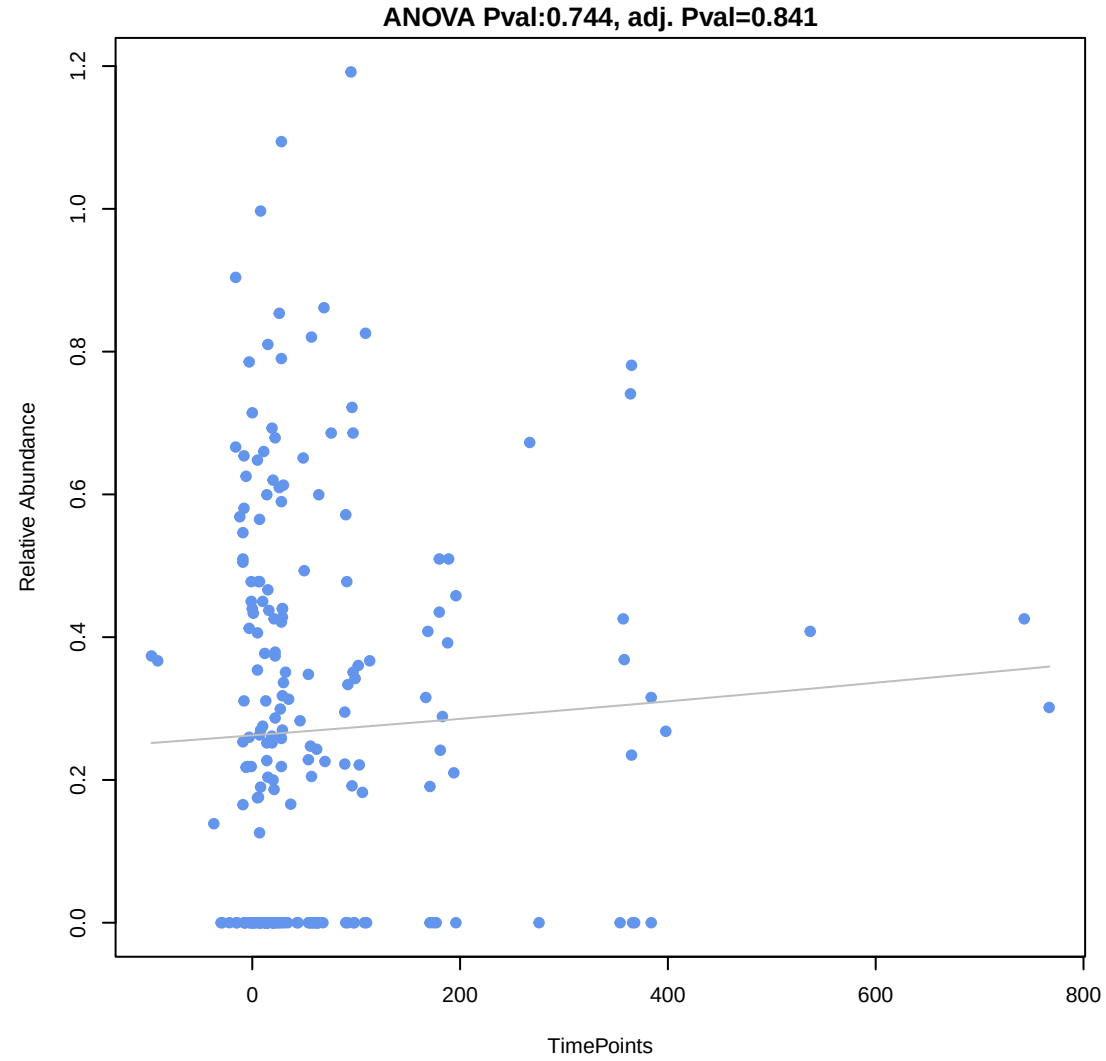
RGI
vanX gene in vanA cluster
ANOVA Pval:0.683, adj. Pval=0.795



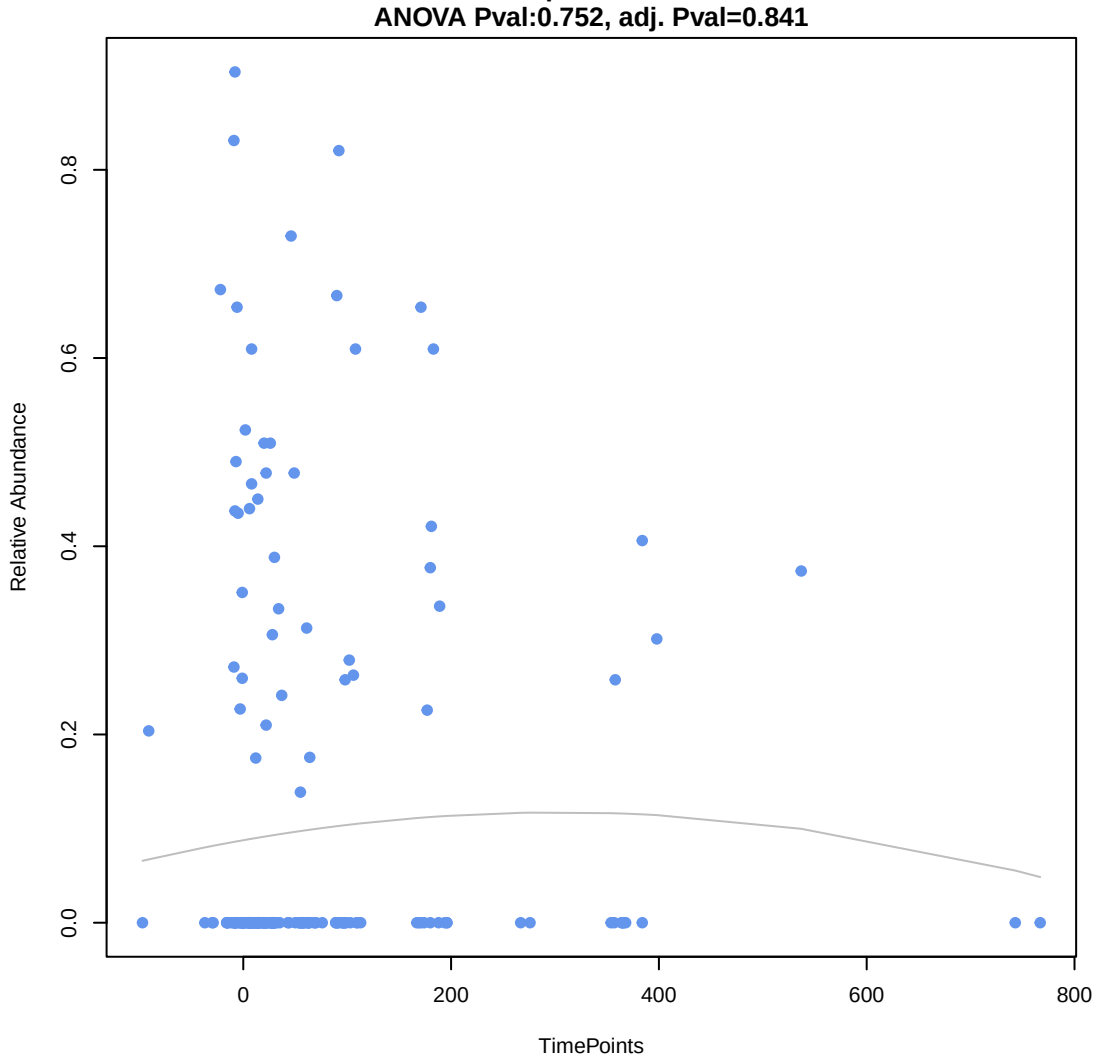
RGI
mdtC
ANOVA Pval:0.706, adj. Pval=0.812



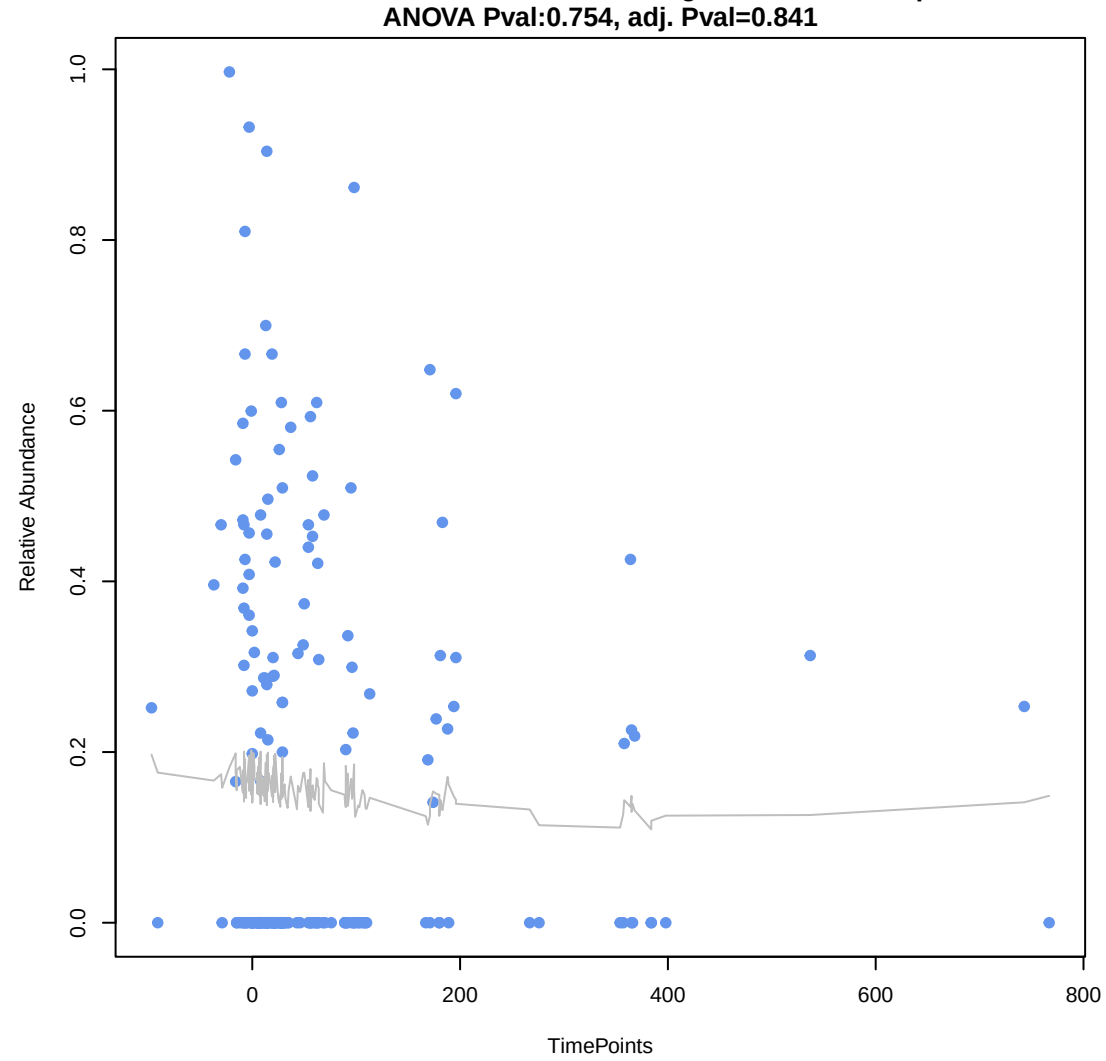
RGI
fexA
ANOVA Pval:0.744, adj. Pval=0.841

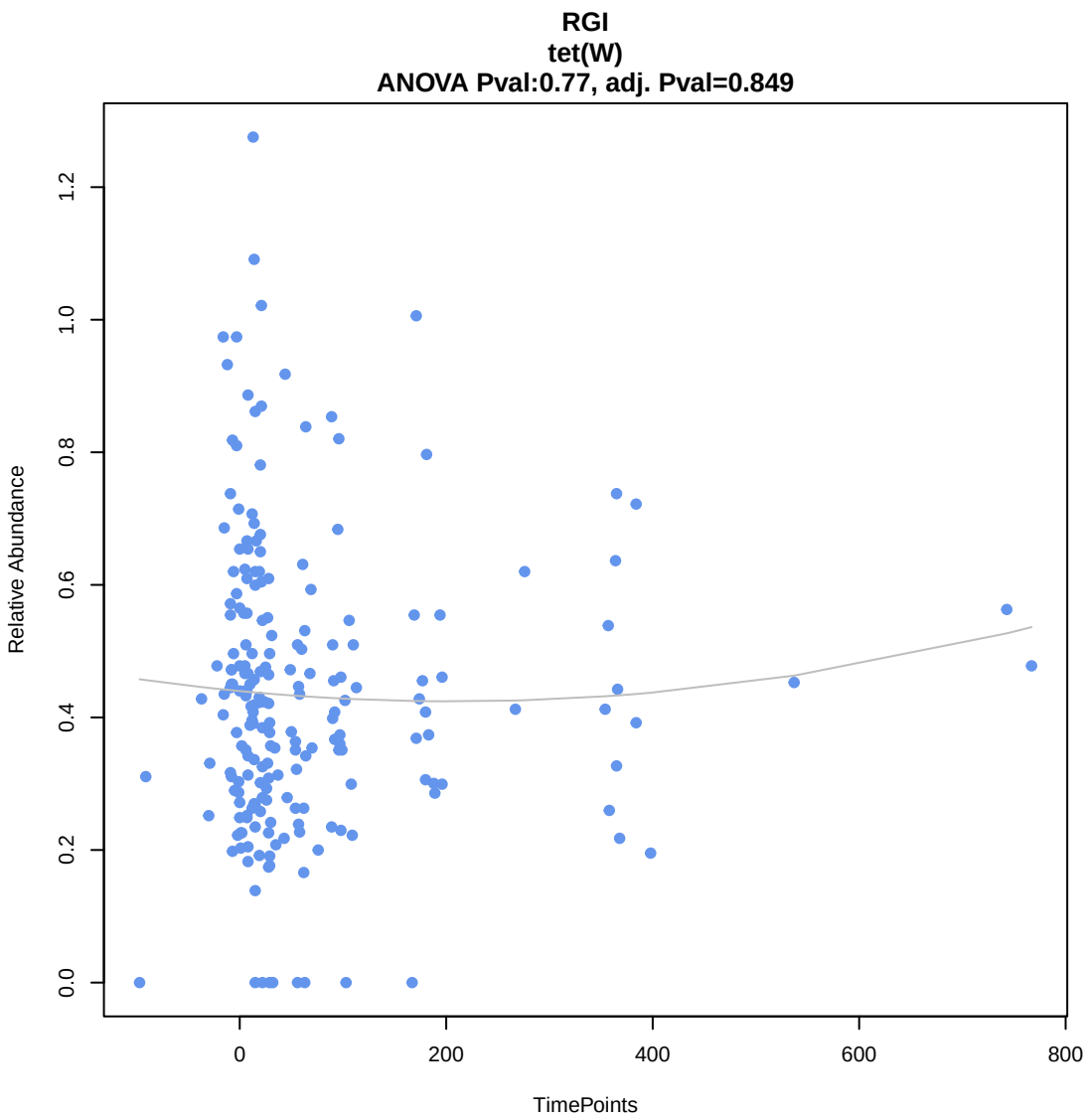


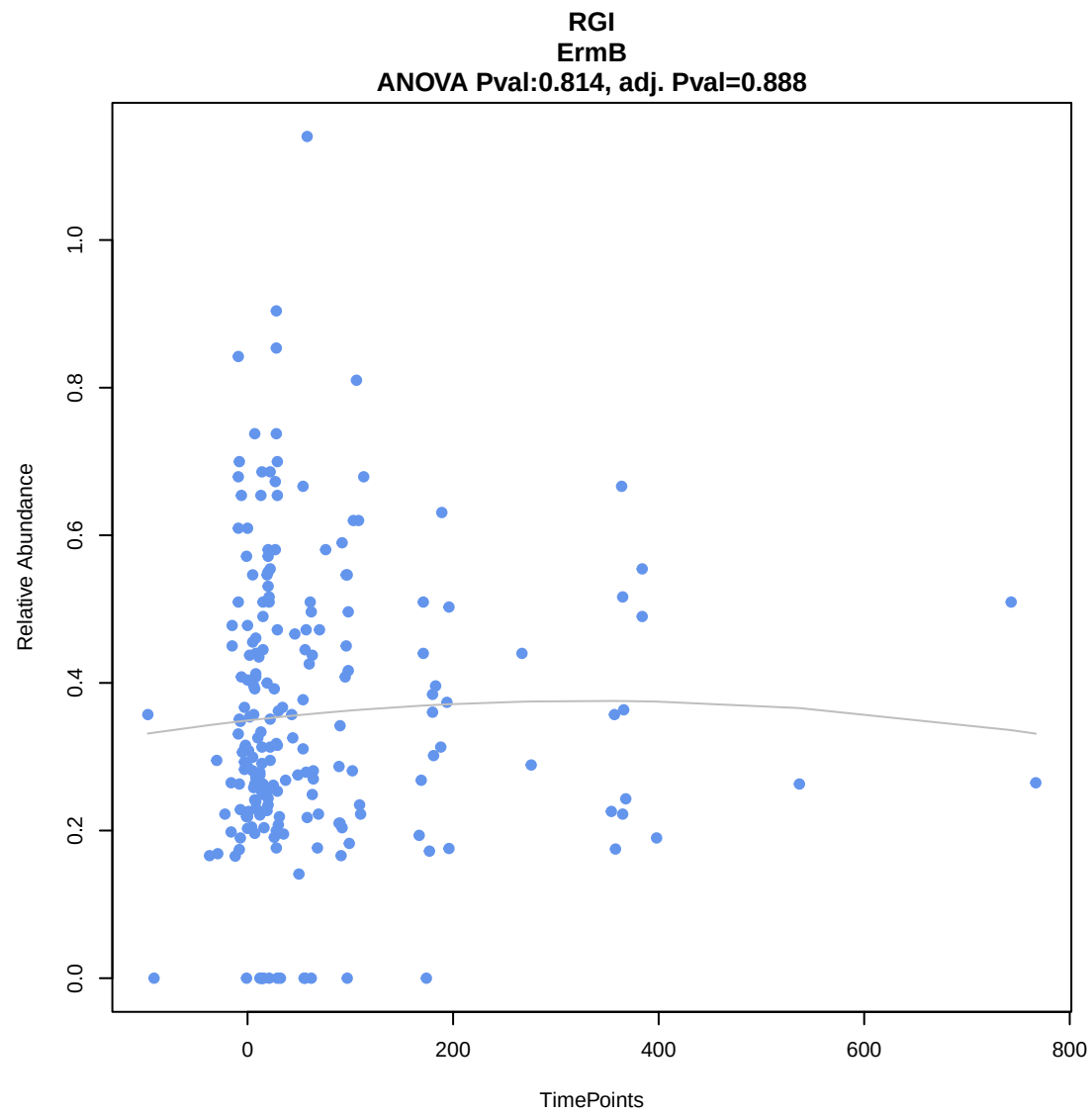
RGI
Klebsiella pneumoniae acrA
ANOVA Pval:0.752, adj. Pval=0.841

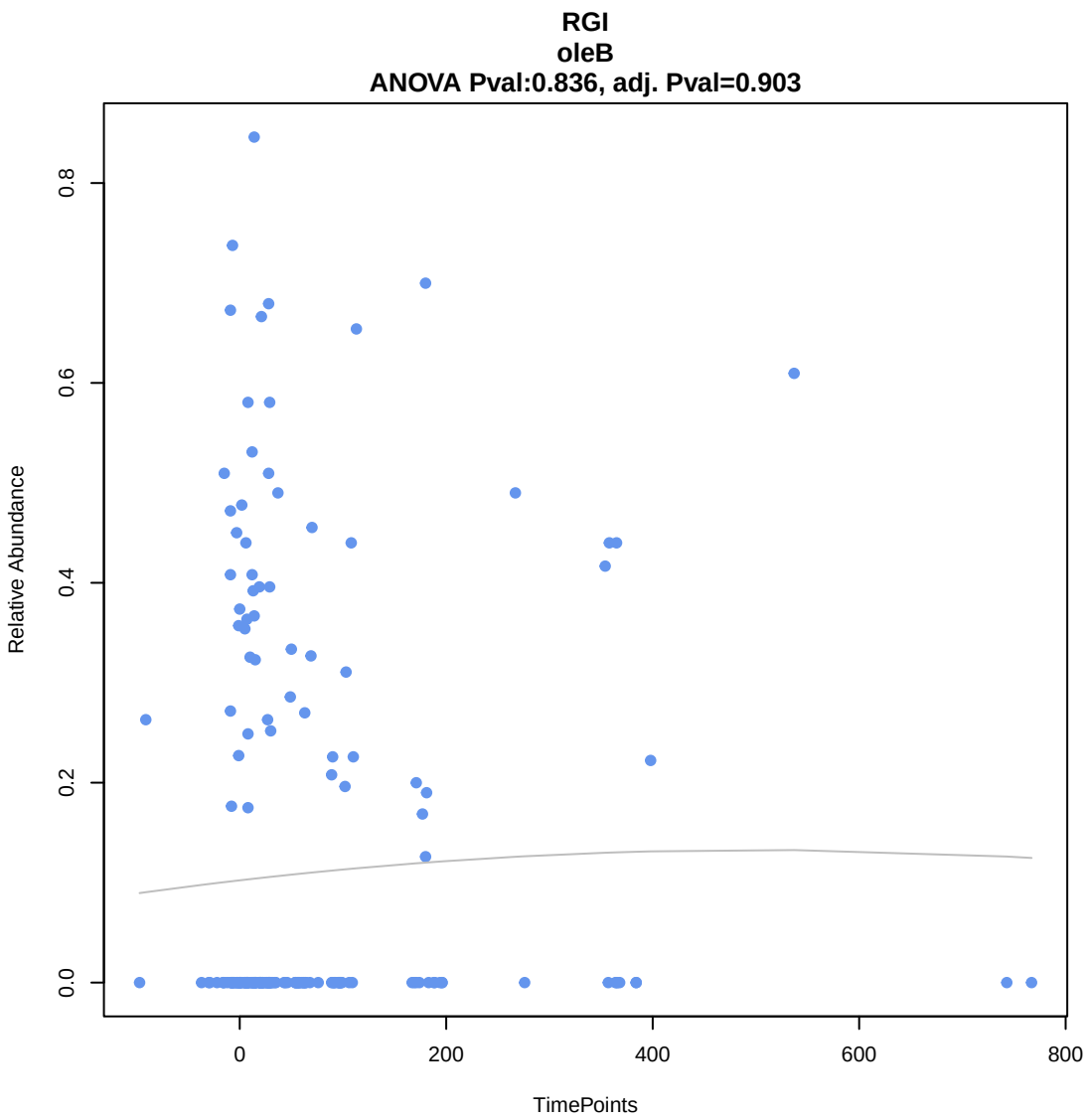


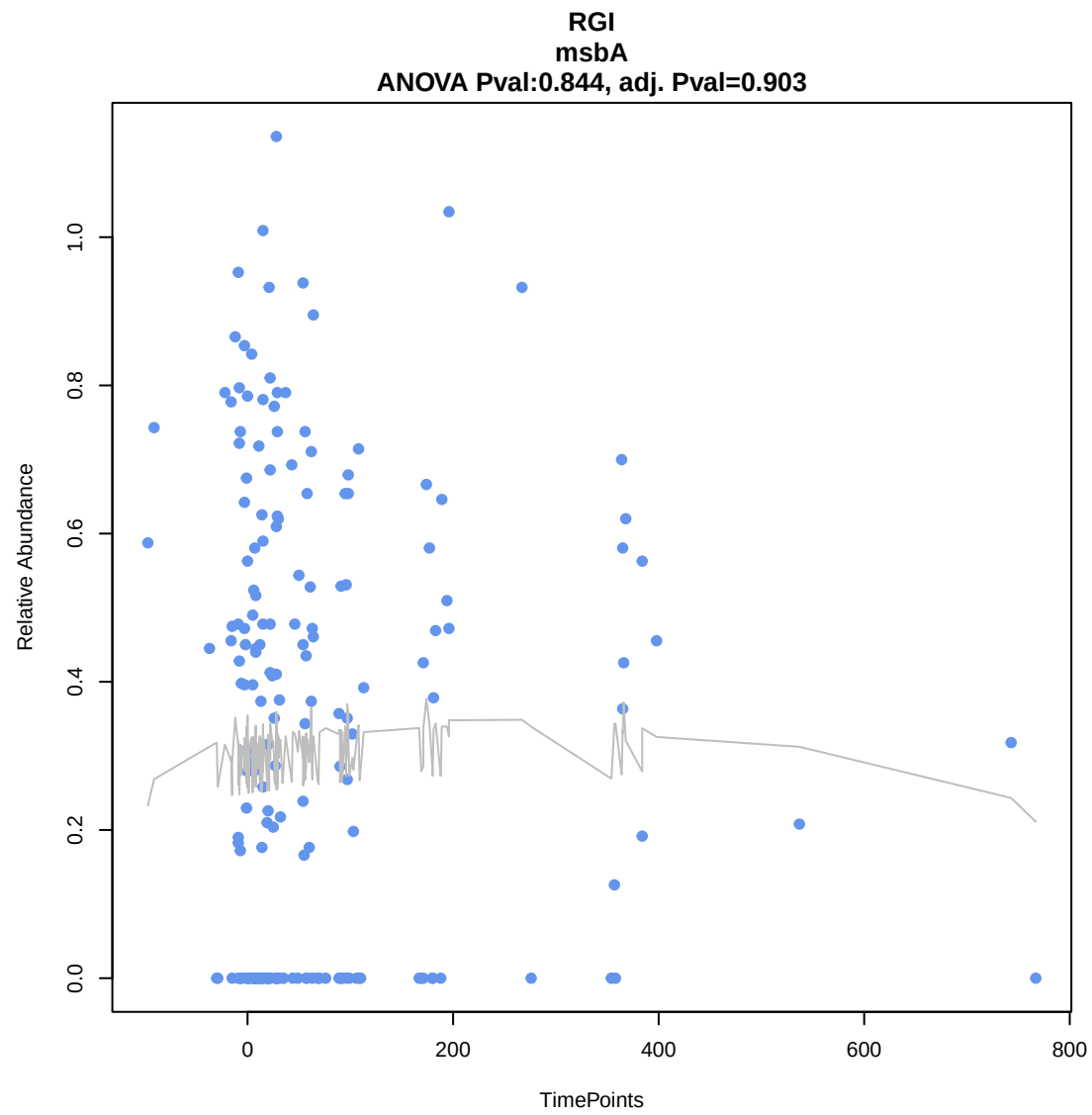
RGI
Bifidobacterium bifidum ileS conferring resistance to mupirocin
ANOVA Pval:0.754, adj. Pval=0.841

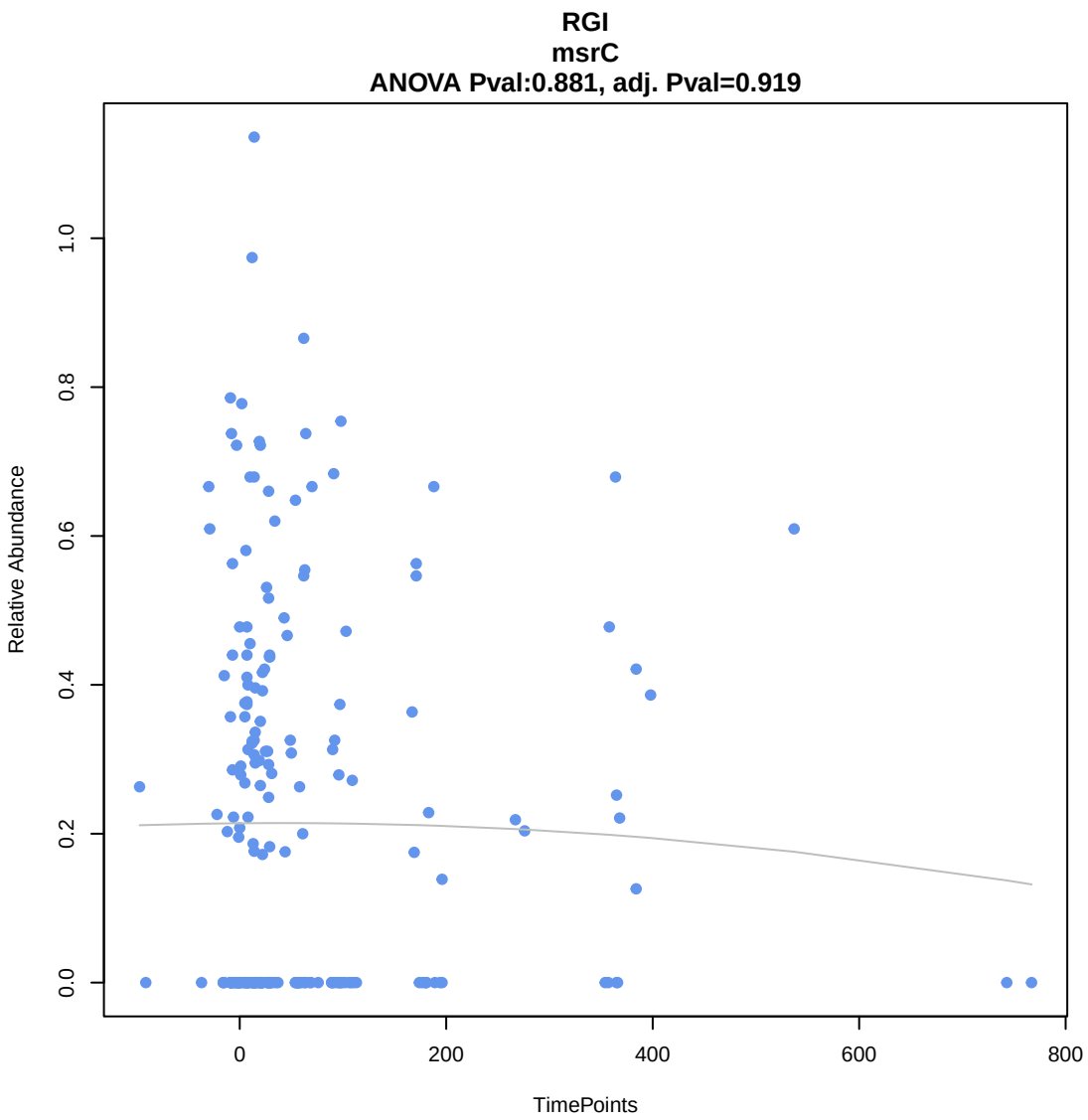


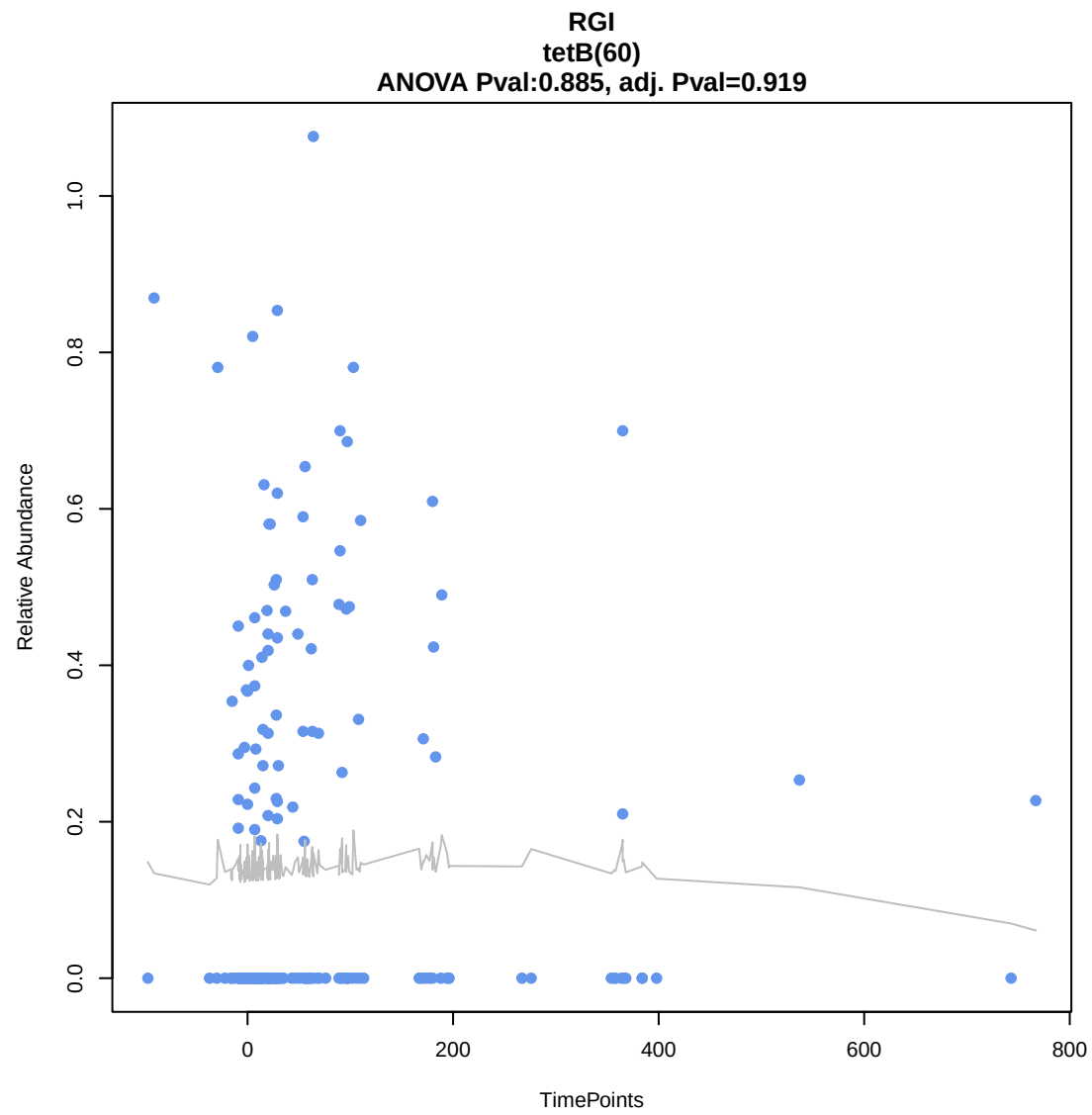

RGI
tet(W)
ANOVA Pval:0.77, adj. Pval=0.849
Relative Abundance
TimePoints

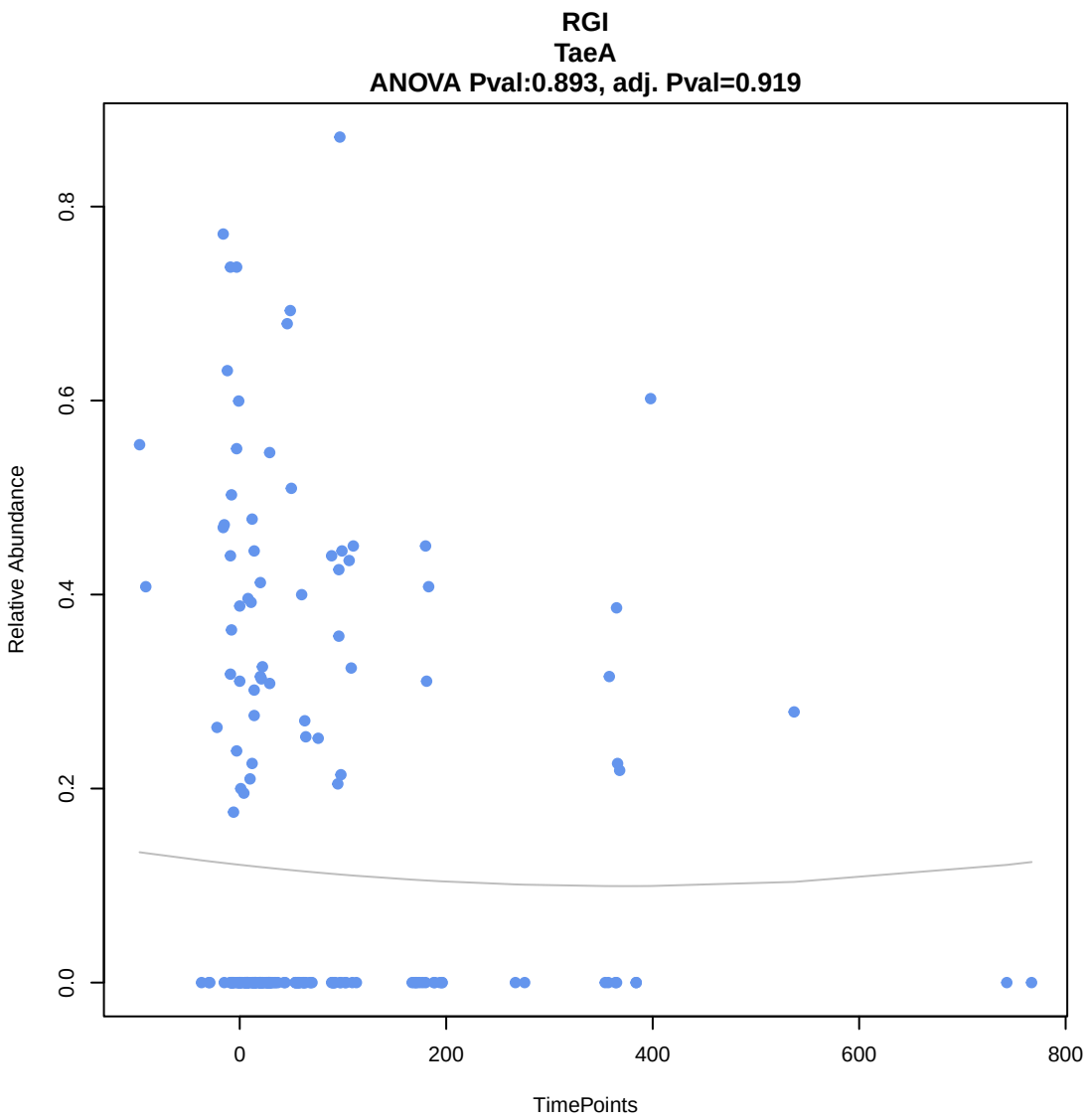

RGI
ErmB
ANOVA Pval:0.814, adj. Pval=0.888
Relative Abundance
TimePoints

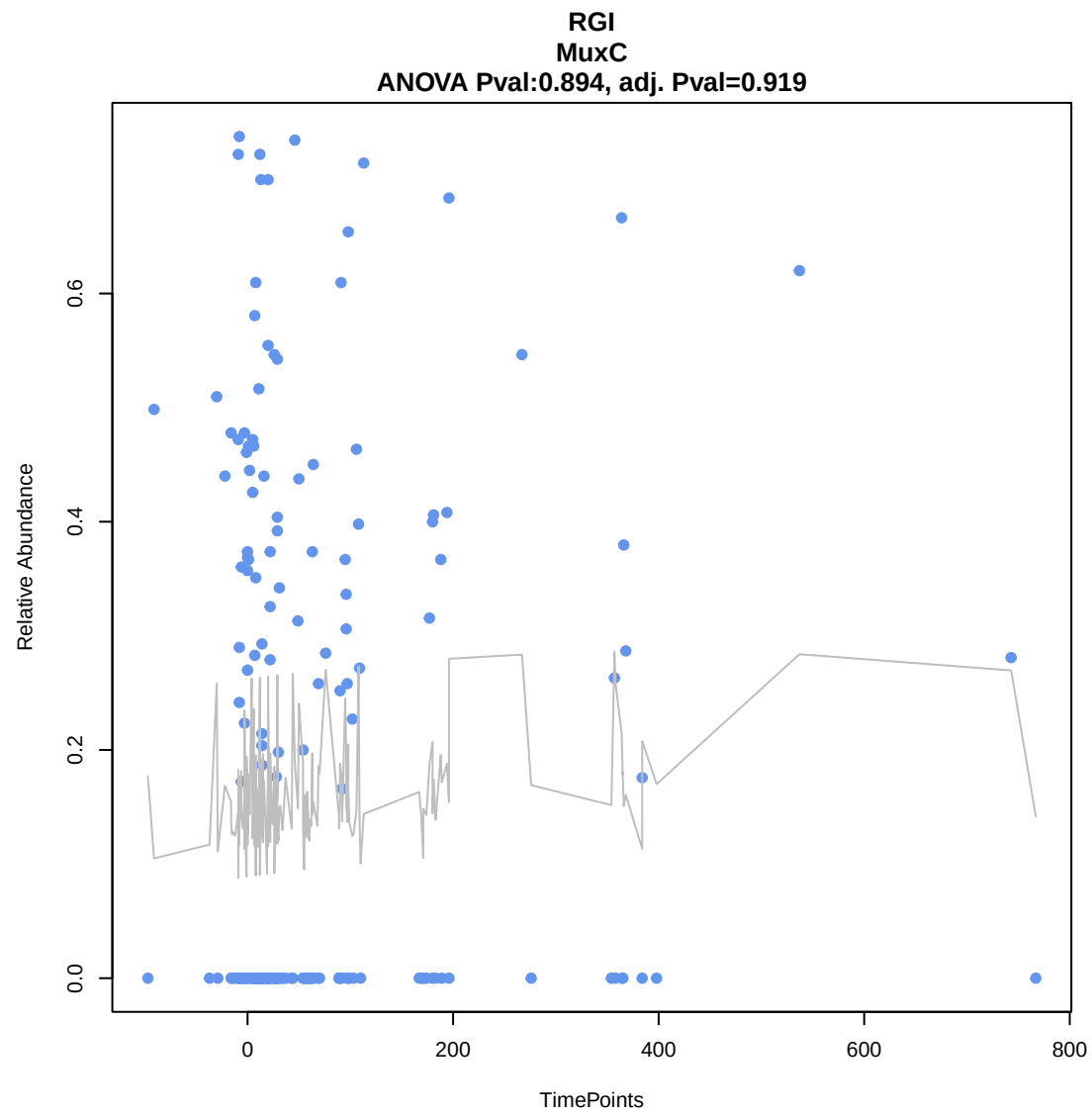

RGI
oleB
ANOVA Pval:0.836, adj. Pval=0.903
Relative Abundance
TimePoints

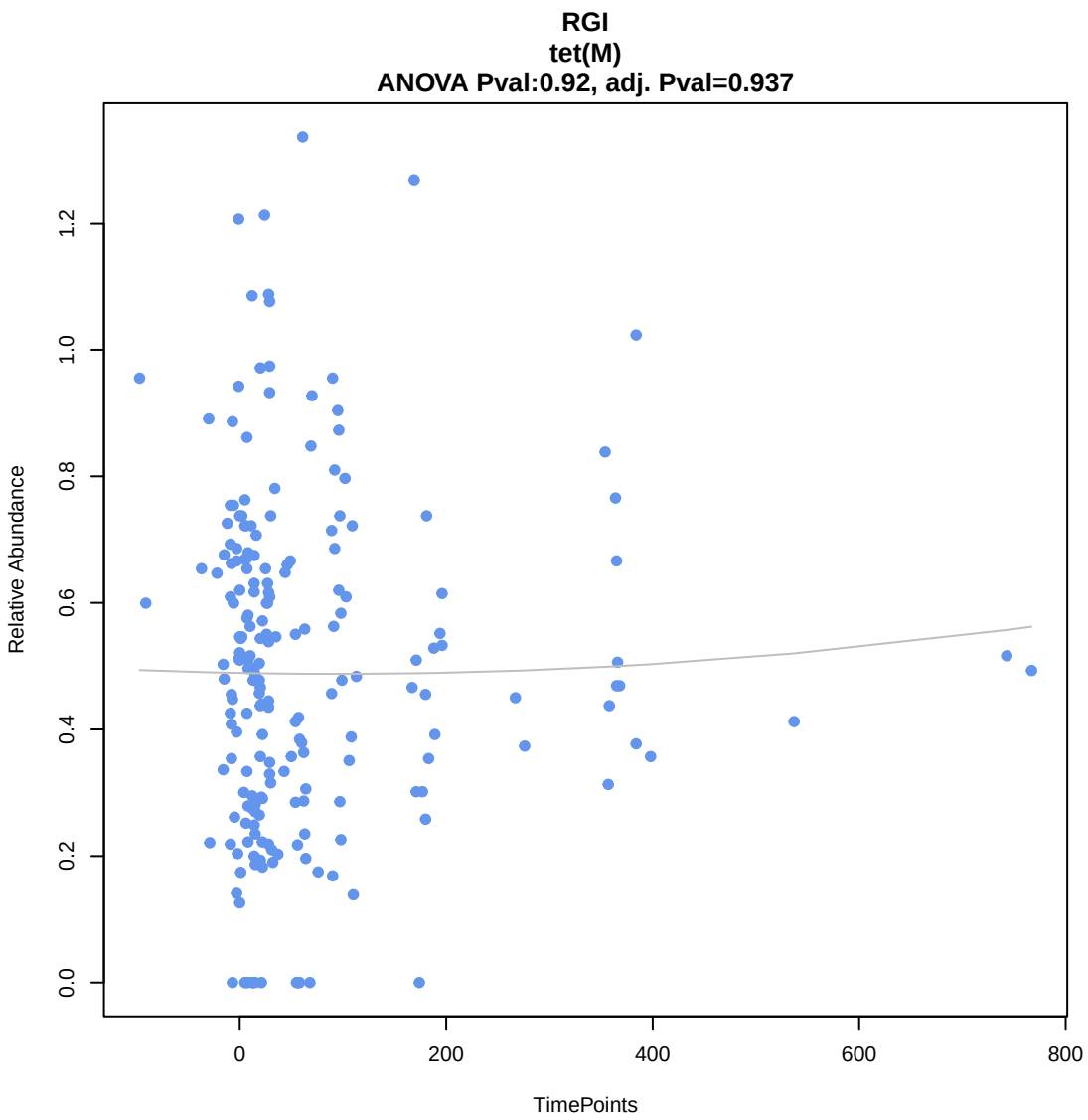

RGI
msbA
ANOVA Pval:0.844, adj. Pval=0.903
Relative Abundance
TimePoints

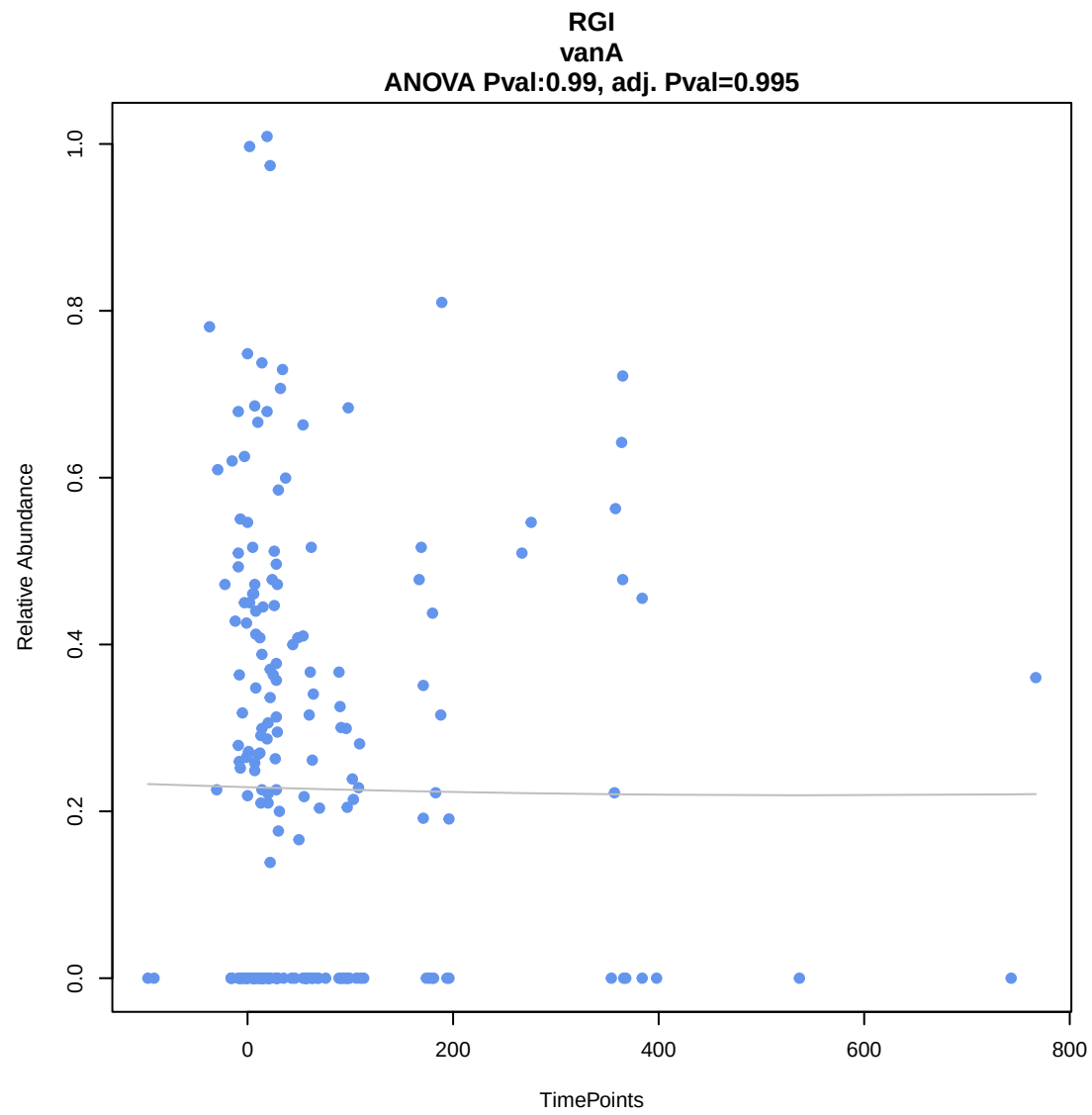

RGI
msrC
ANOVA Pval:0.881, adj. Pval=0.919
Relative Abundance
TimePoints

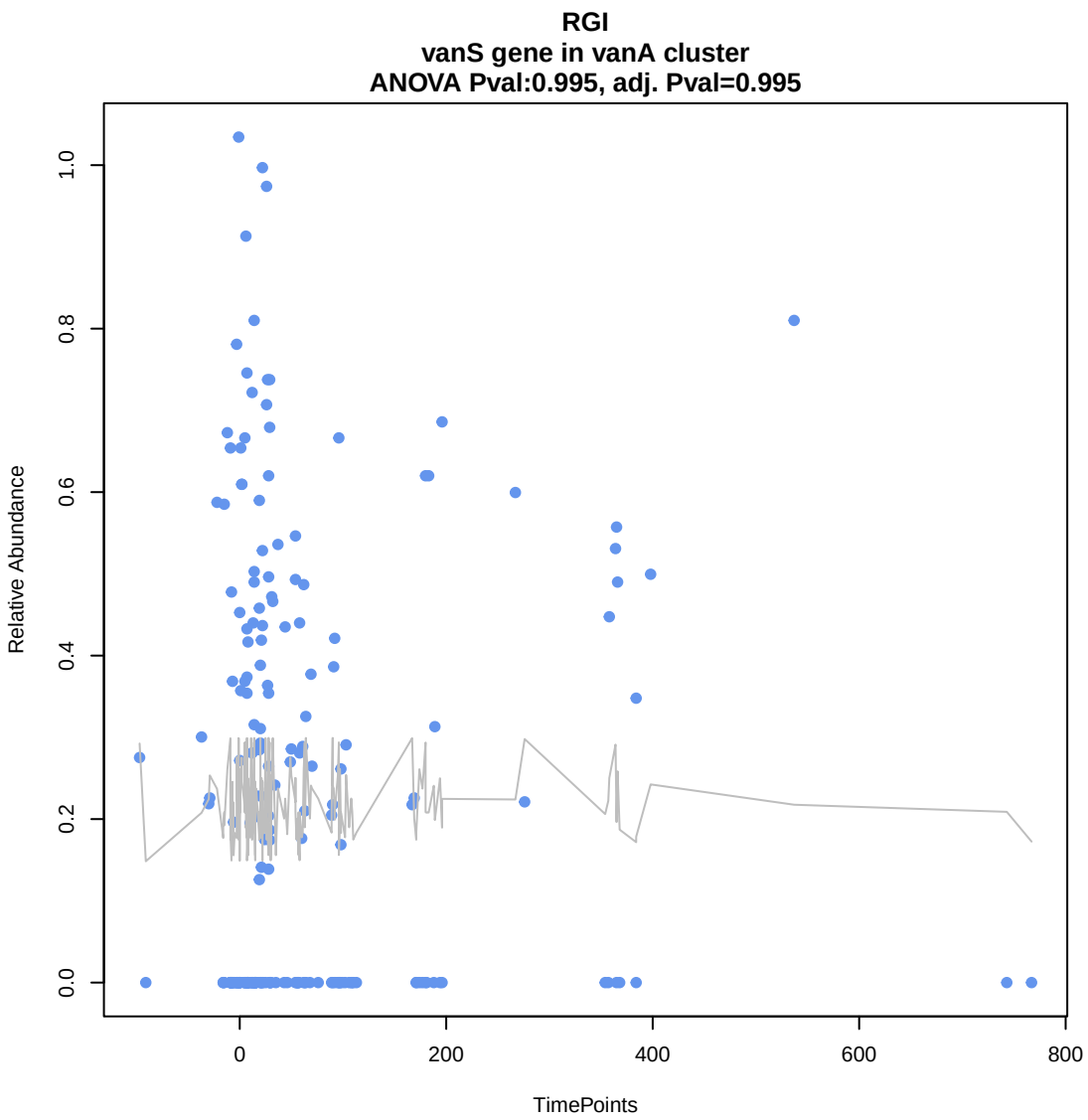

RGI
tetB(60)
ANOVA Pval:0.885, adj. Pval=0.919
Relative Abundance
TimePoints


RGI
TaeA
ANOVA Pval:0.893, adj. Pval=0.919
Relative Abundance
TimePoints


RGI
MuxC
ANOVA Pval:0.894, adj. Pval=0.919
Relative Abundance
TimePoints


RGI
tet(M)
ANOVA Pval:0.92, adj. Pval=0.937
Relative Abundance
TimePoints


RGI
vanA
ANOVA Pval:0.99, adj. Pval=0.995
Relative Abundance
TimePoints


RGI
vanS gene in vanA cluster
ANOVA Pval:0.995, adj. Pval=0.995
Relative Abundance
TimePoints