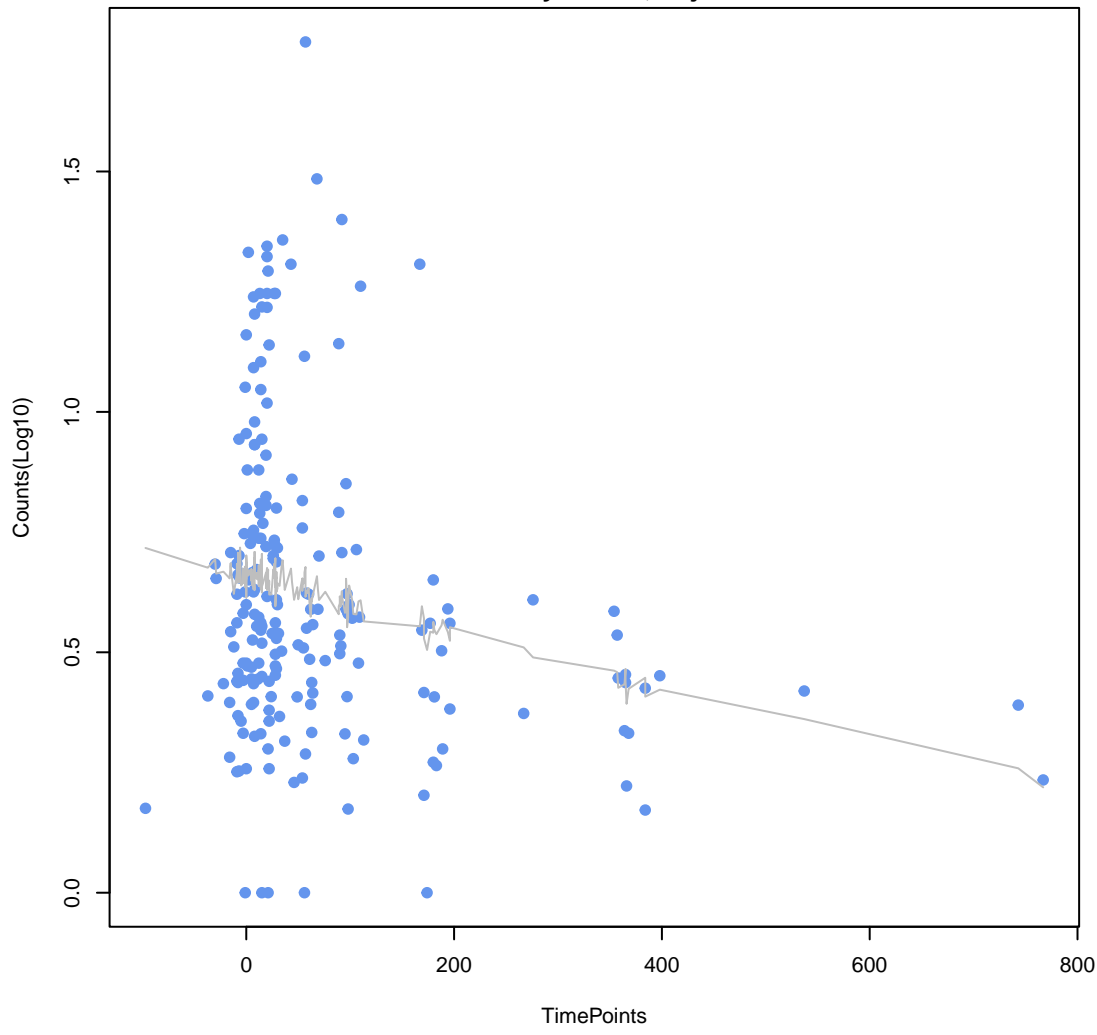
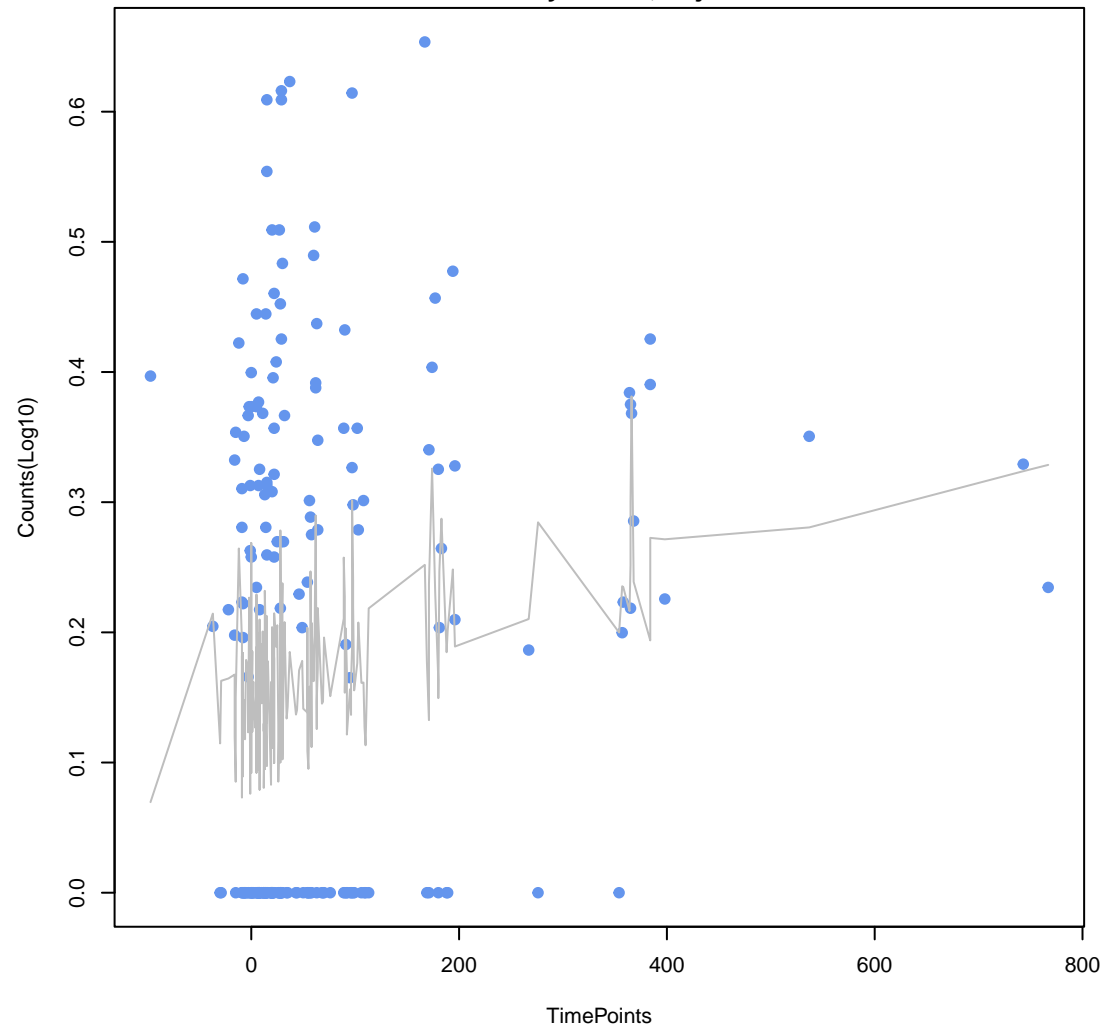


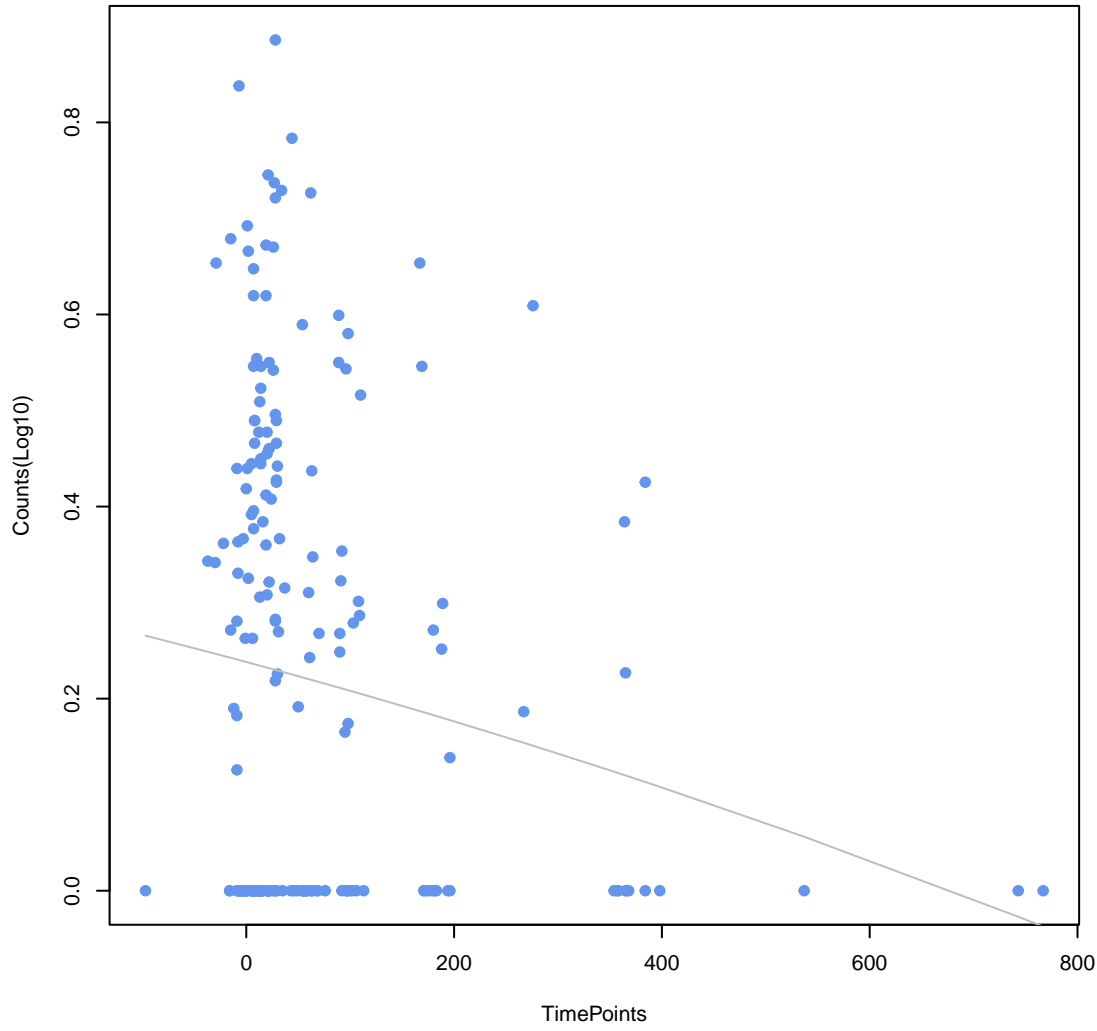
Erm 23S ribosomal RNA methyltransferase
ANOVA $P=0.00493$, adj. ANOVA- $P=0.173$
Line vs. Poly F- $P=1$, adj. F- $P=1$



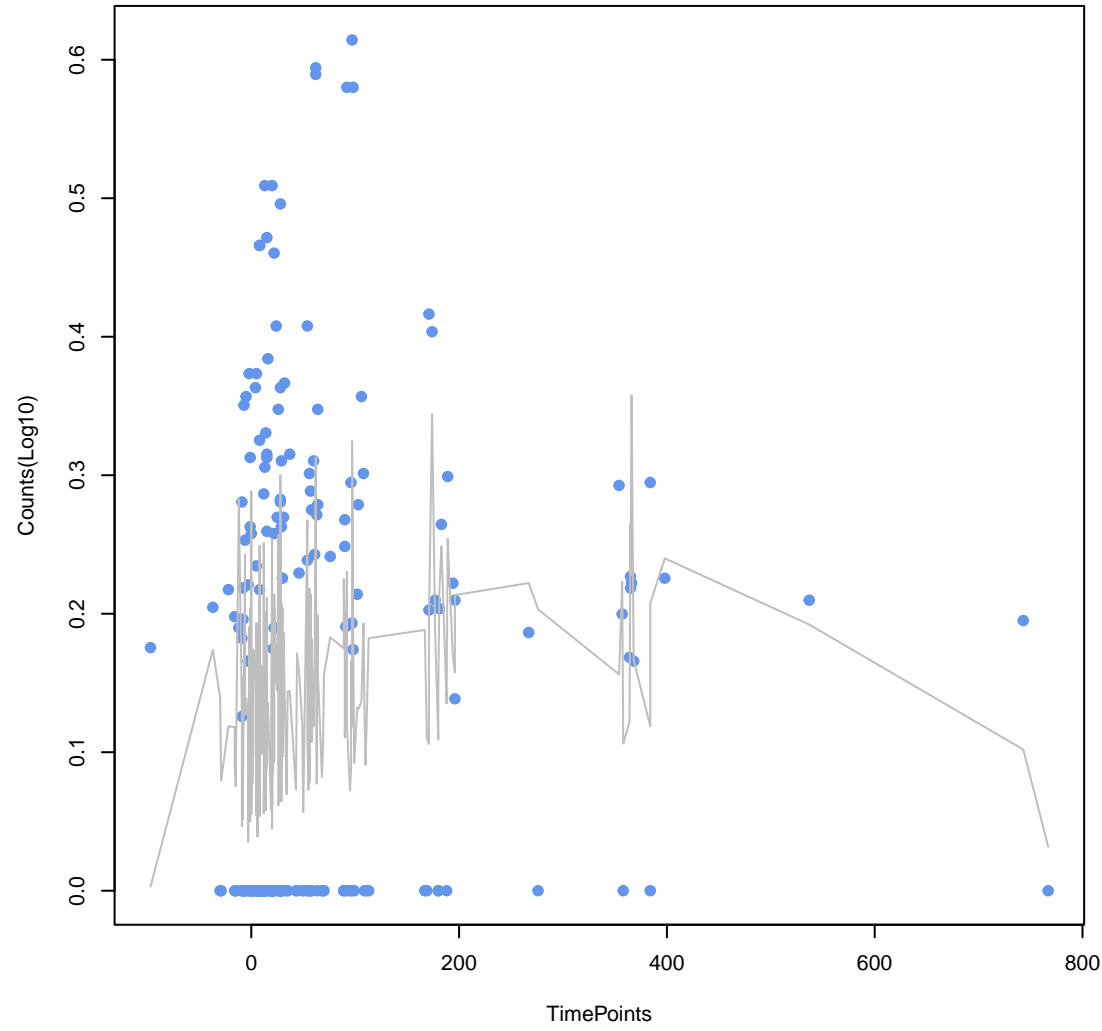
undecaprenyl pyrophosphate related proteins
ANOVA $P=0.023$, adj. ANOVA- $P=0.402$
Line vs. Poly F- $P=1$, adj. F- $P=1$



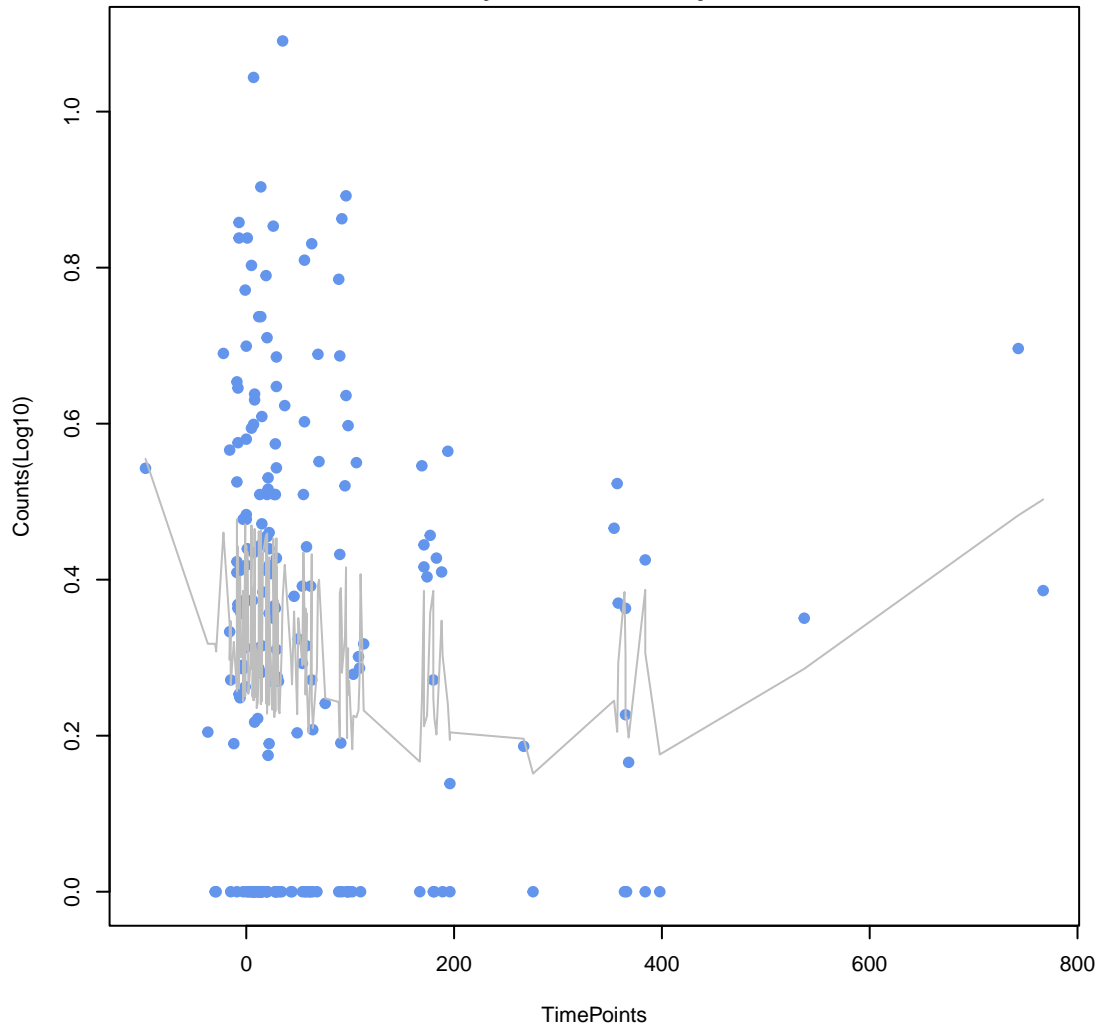
glycopeptide resistance gene cluster;vanH
ANOVA $P=0.0647$, adj. ANOVA- $P=0.538$
Line vs. Poly F- $P=1$, adj. F- $P=1$



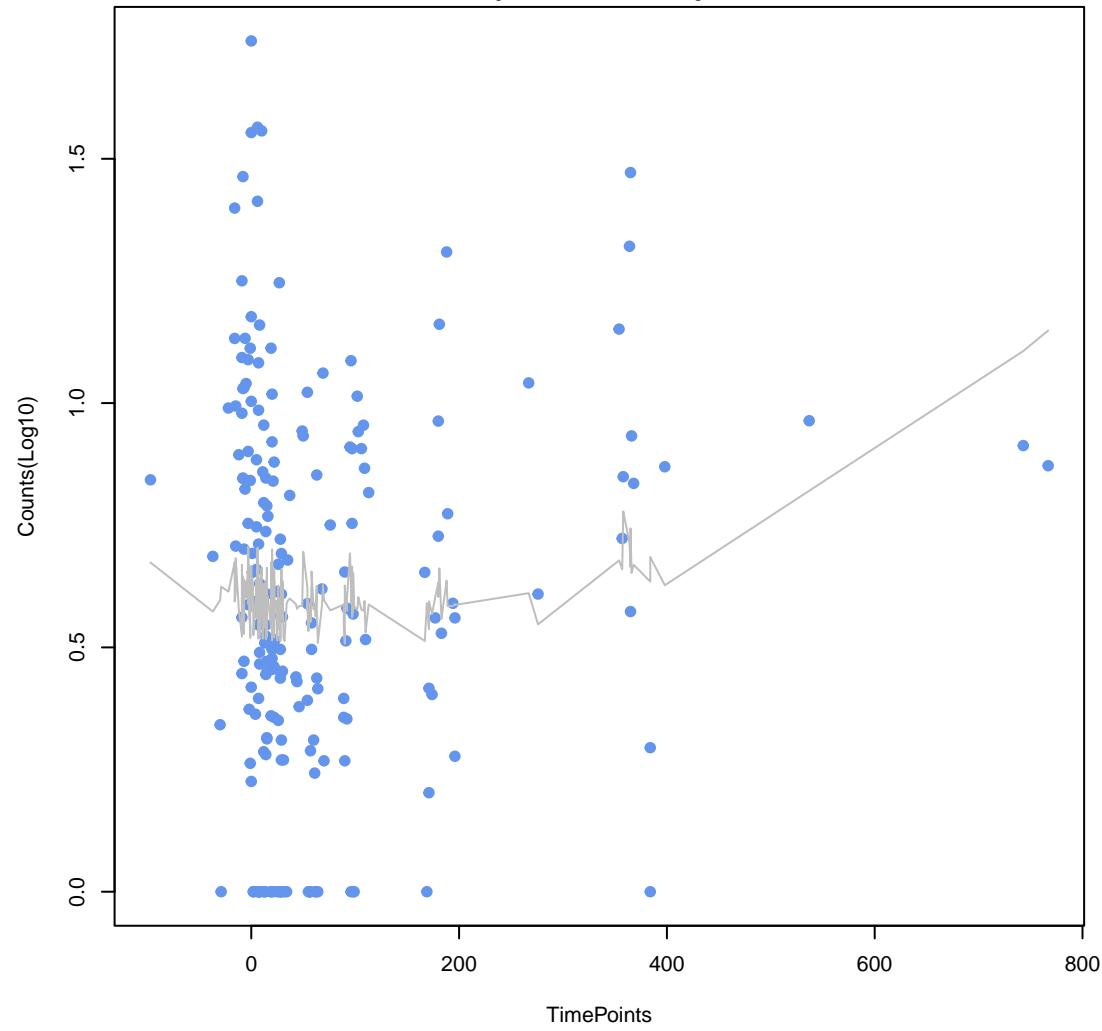
elfamycin resistant EF-Tu
ANOVA $P=0.0848$, adj. ANOVA- $P=0.538$
Line vs. Poly F- $P=0.0505$, adj. F- $P=0.639$



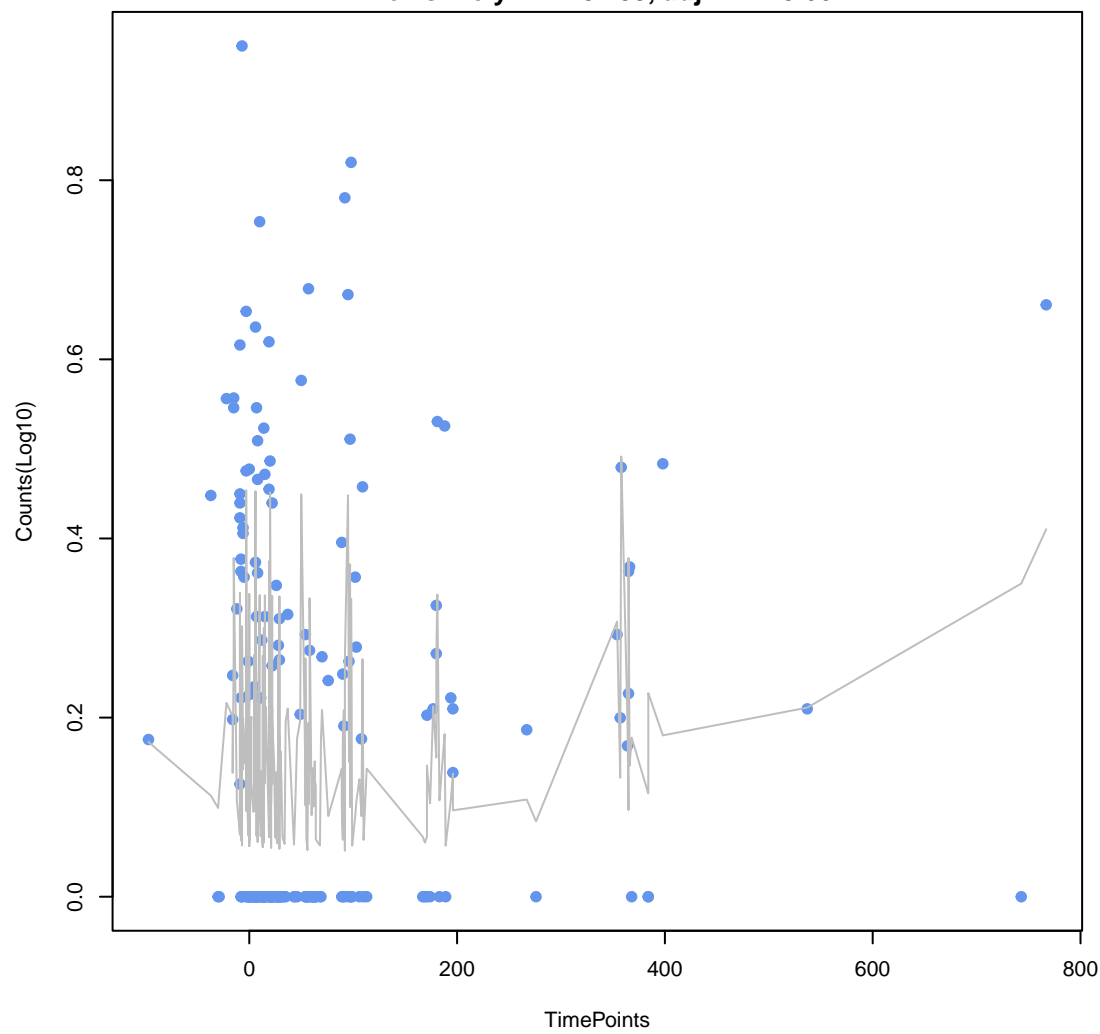
rifamycin-resistant beta-subunit of RNA polymerase (rpoB)
ANOVA $P=0.0986$, adj. ANOVA- $P=0.538$
Line vs. Poly F- $P=0.0116$, adj. F- $P=0.406$



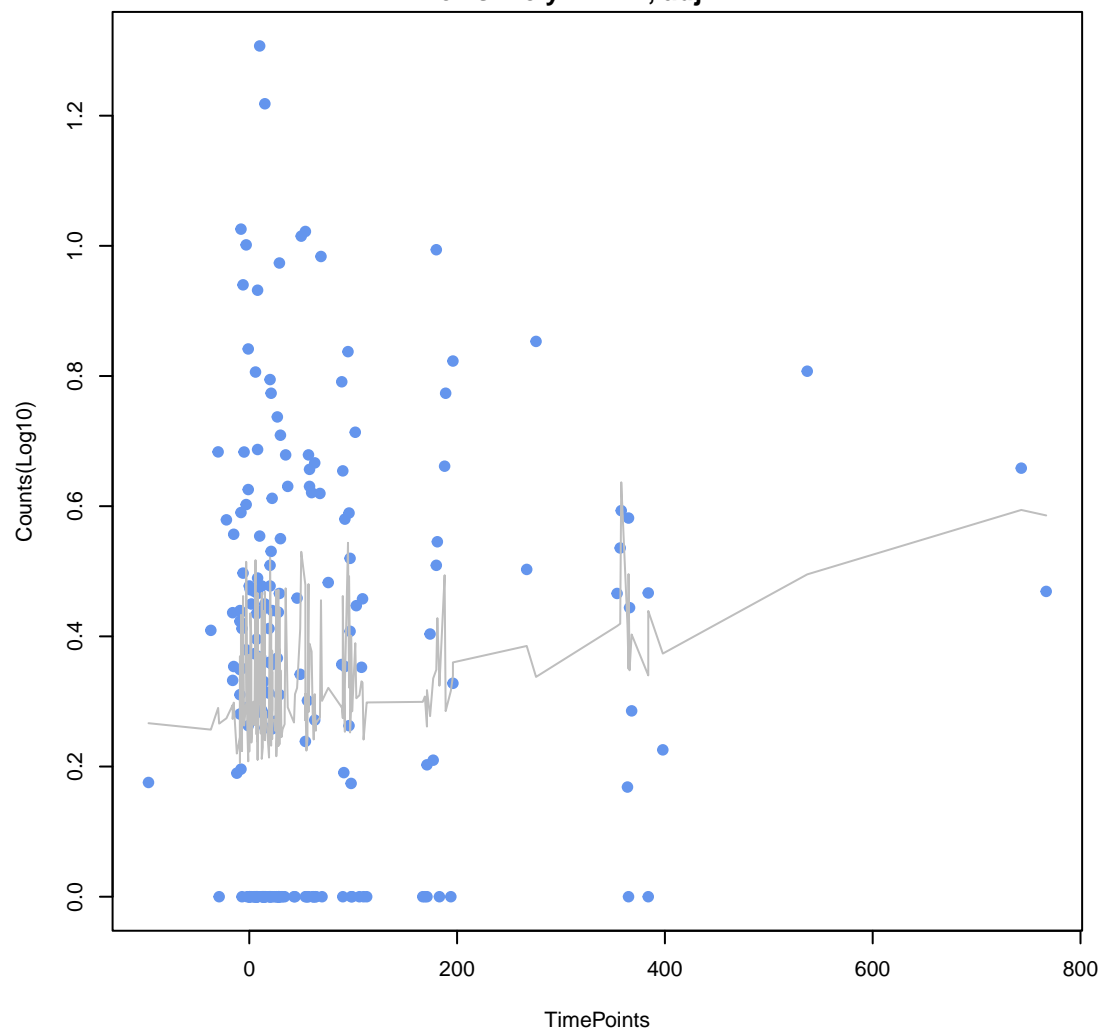
BlaB beta-lactamase
ANOVA $P=0.0989$, adj. ANOVA- $P=0.538$
Line vs. Poly F- $P=0.216$, adj. F- $P=0.669$



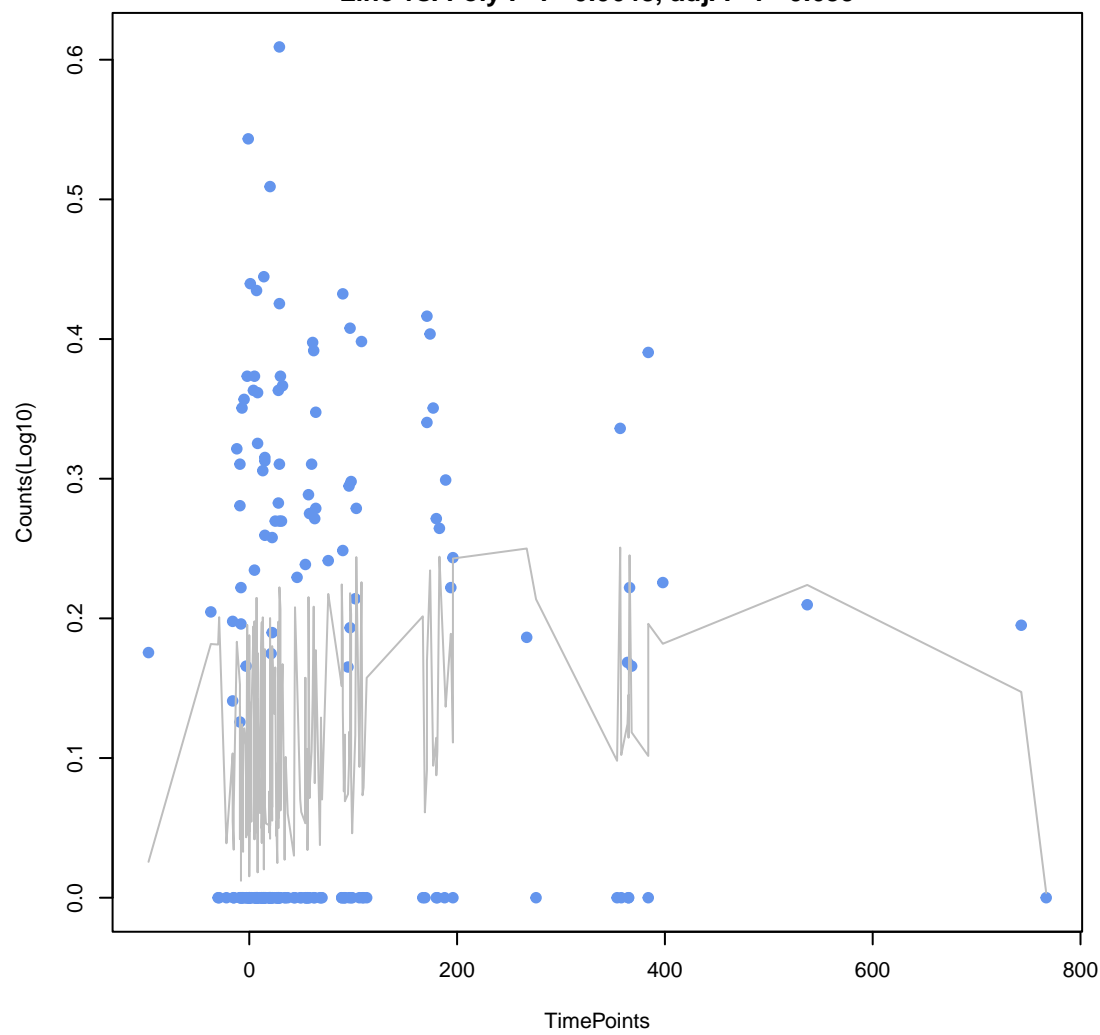
APH(6)
ANOVA P=0.12, adj. ANOVA-P=0.538
Line vs. Poly F-P=0.153, adj. F-P=0.667



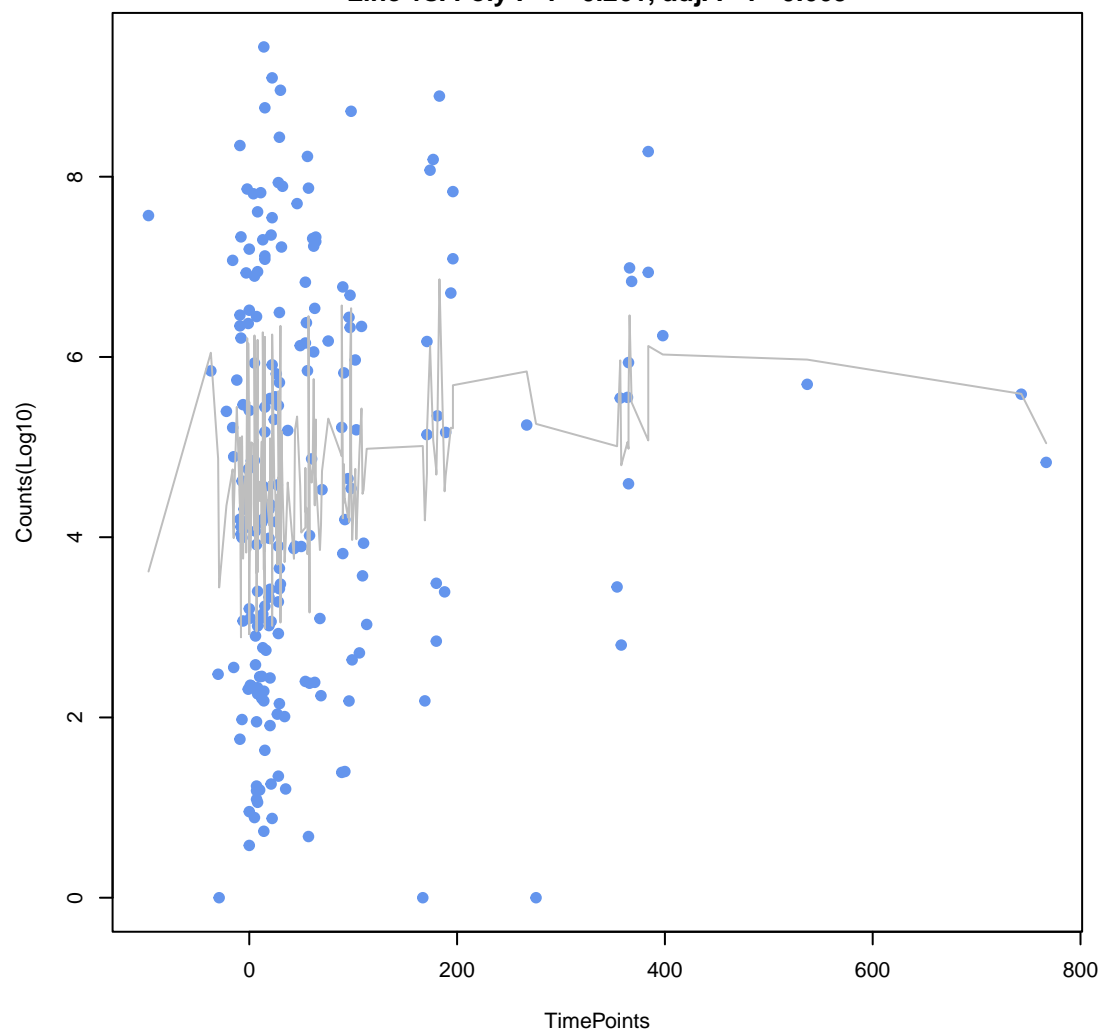
non-erm 23S ribosomal RNA methyltransferase (G748)
ANOVA P=0.124, adj. ANOVA-P=0.538
Line vs. Poly F-P=1, adj. F-P=1



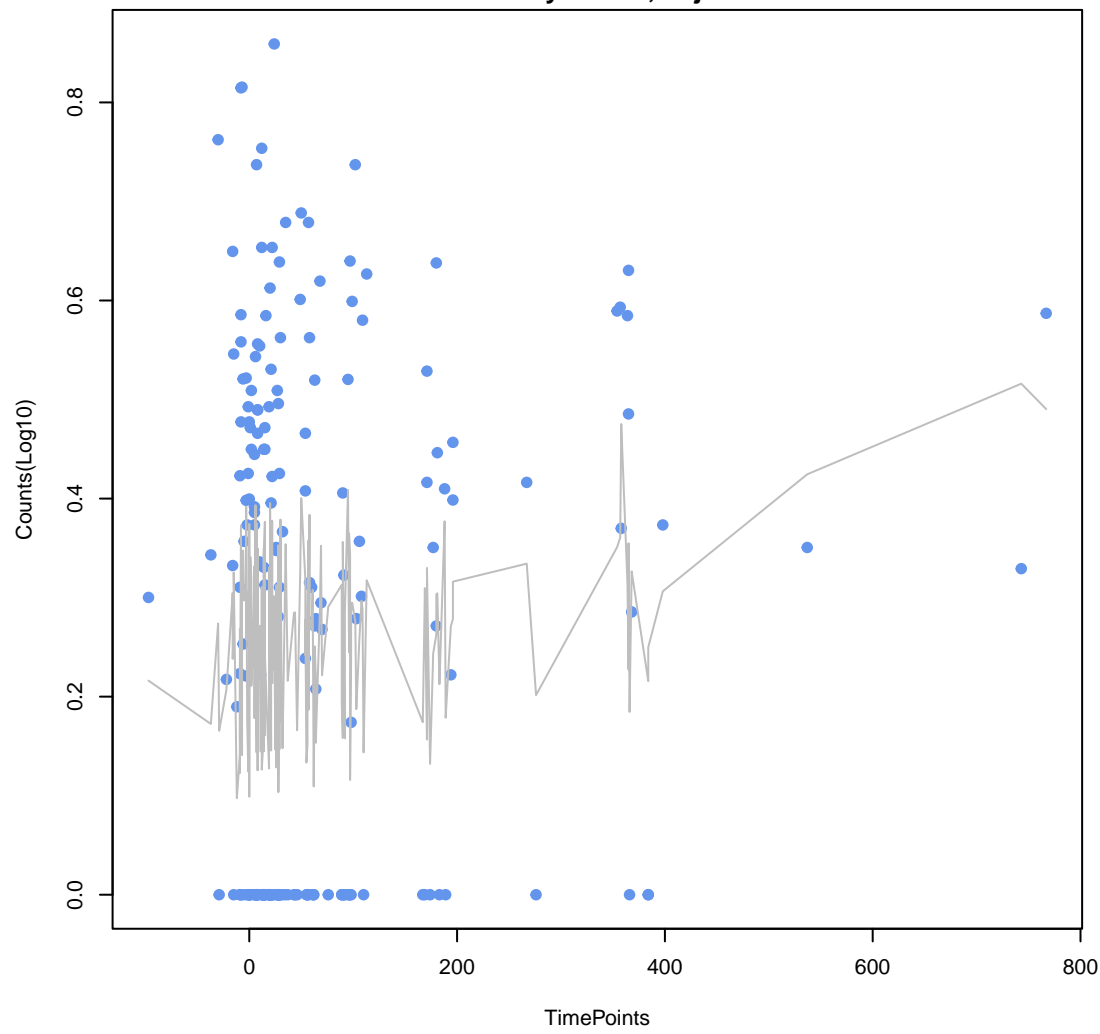
Porin with reduced permeability to beta-lactams;major facilitator superfamily (MFS) antibiotic
ANOVA P=0.145, adj. ANOVA-P=0.538
Line vs. Poly F-P=0.0648, adj. F-P=0.639



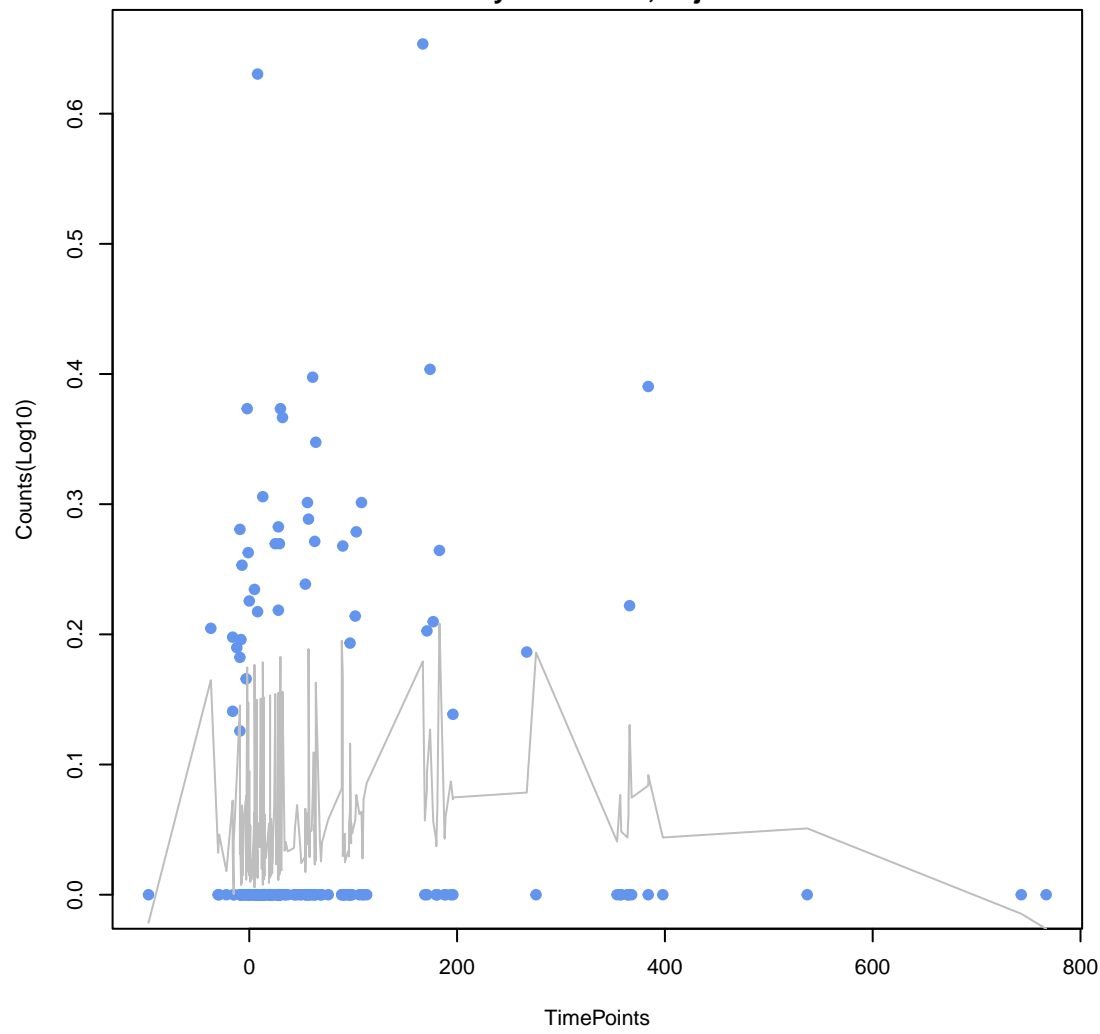
resistance-nodulation-cell division (RND) antibiotic efflux pump
ANOVA P=0.156, adj. ANOVA-P=0.538
Line vs. Poly F-P=0.261, adj. F-P=0.669



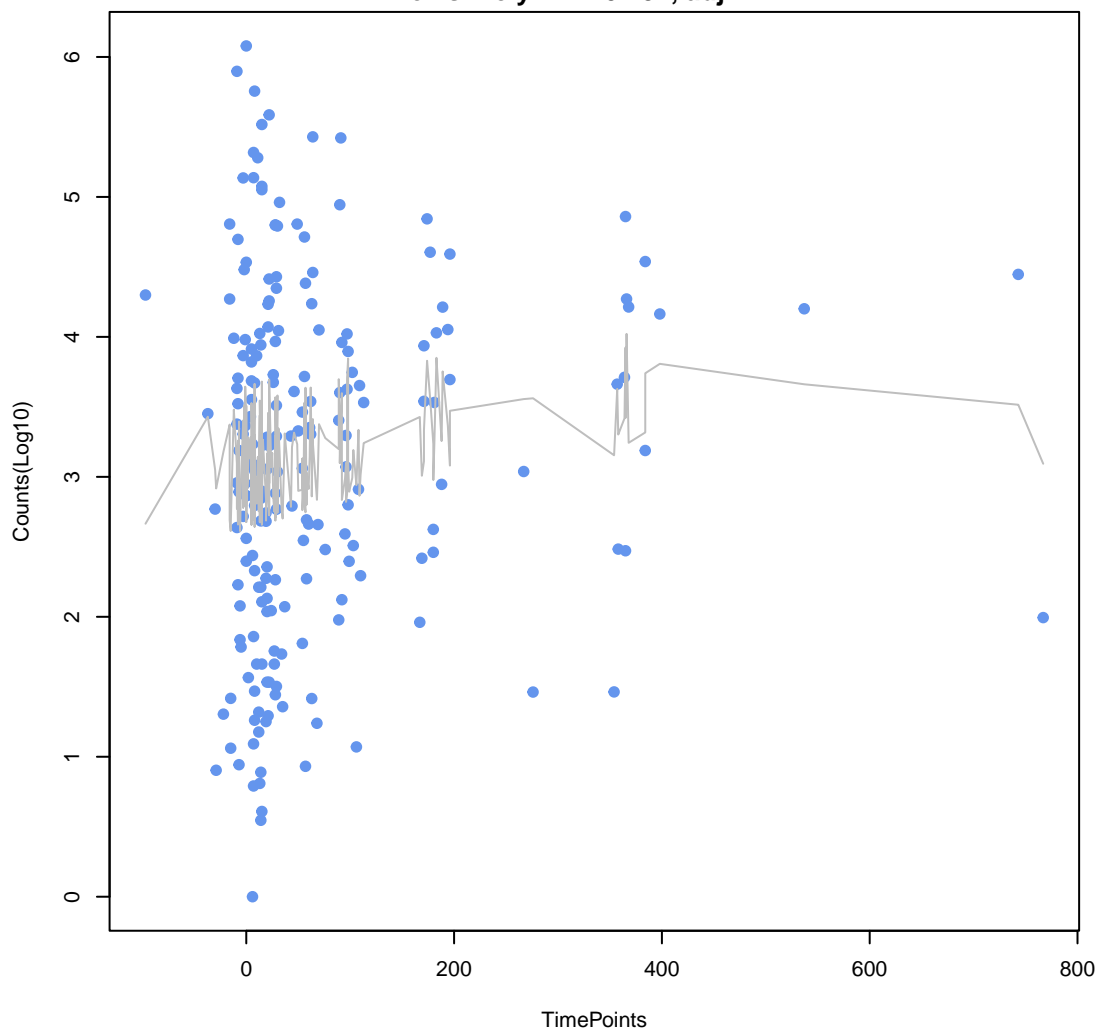
ANA beta-lactamase
ANOVA P=0.169, adj. ANOVA-P=0.538
Line vs. Poly F-P=1, adj. F-P=1



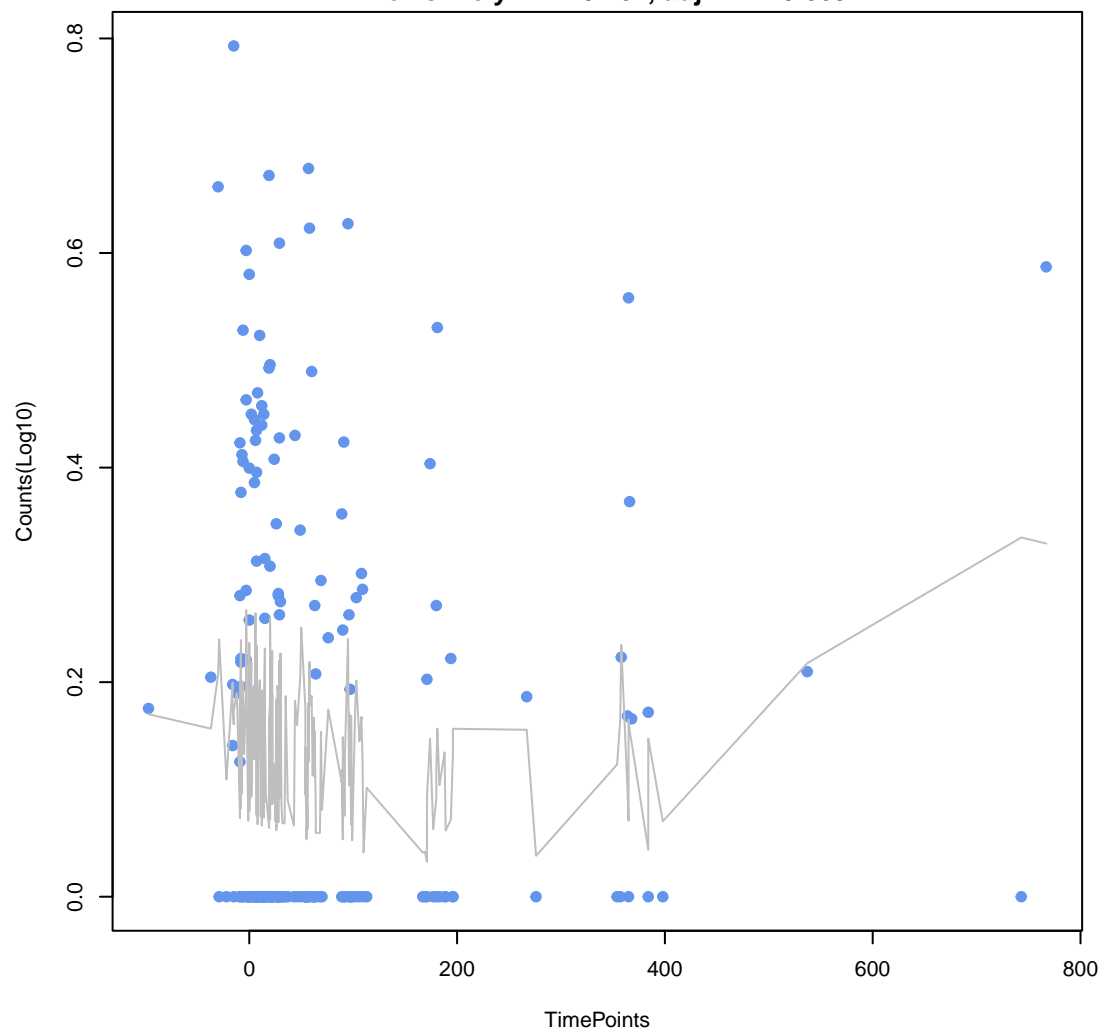
antibiotic-resistant GlpT
ANOVA P=0.188, adj. ANOVA-P=0.539
Line vs. Poly F-P=0.073, adj. F-P=0.639



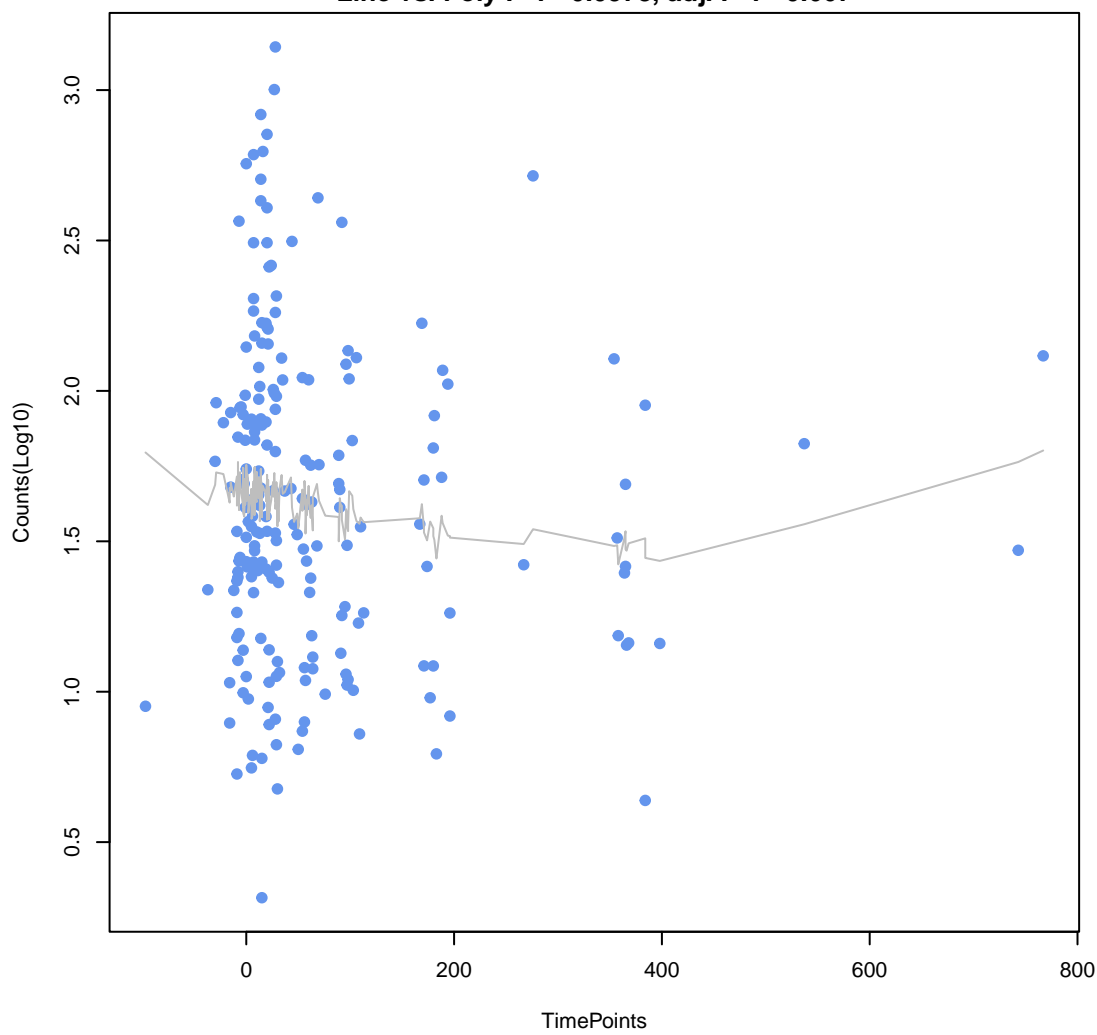
major facilitator superfamily (MFS) antibiotic efflux pump
ANOVA P=0.2, adj. ANOVA-P=0.539
Line vs. Poly F-P=0.452, adj. F-P=1



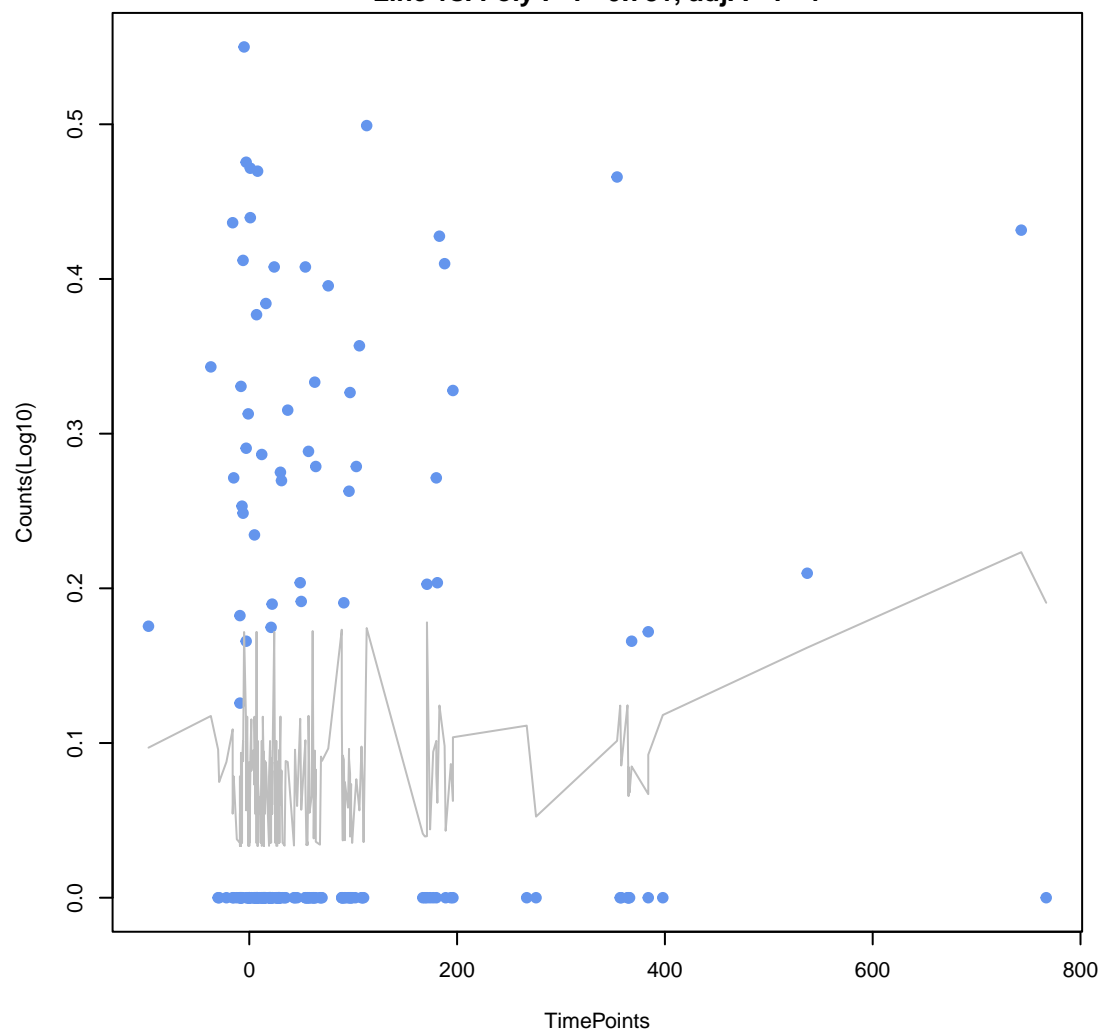
PDC beta-lactamase
ANOVA P=0.295, adj. ANOVA-P=0.637
Line vs. Poly F-P=0.267, adj. F-P=0.669



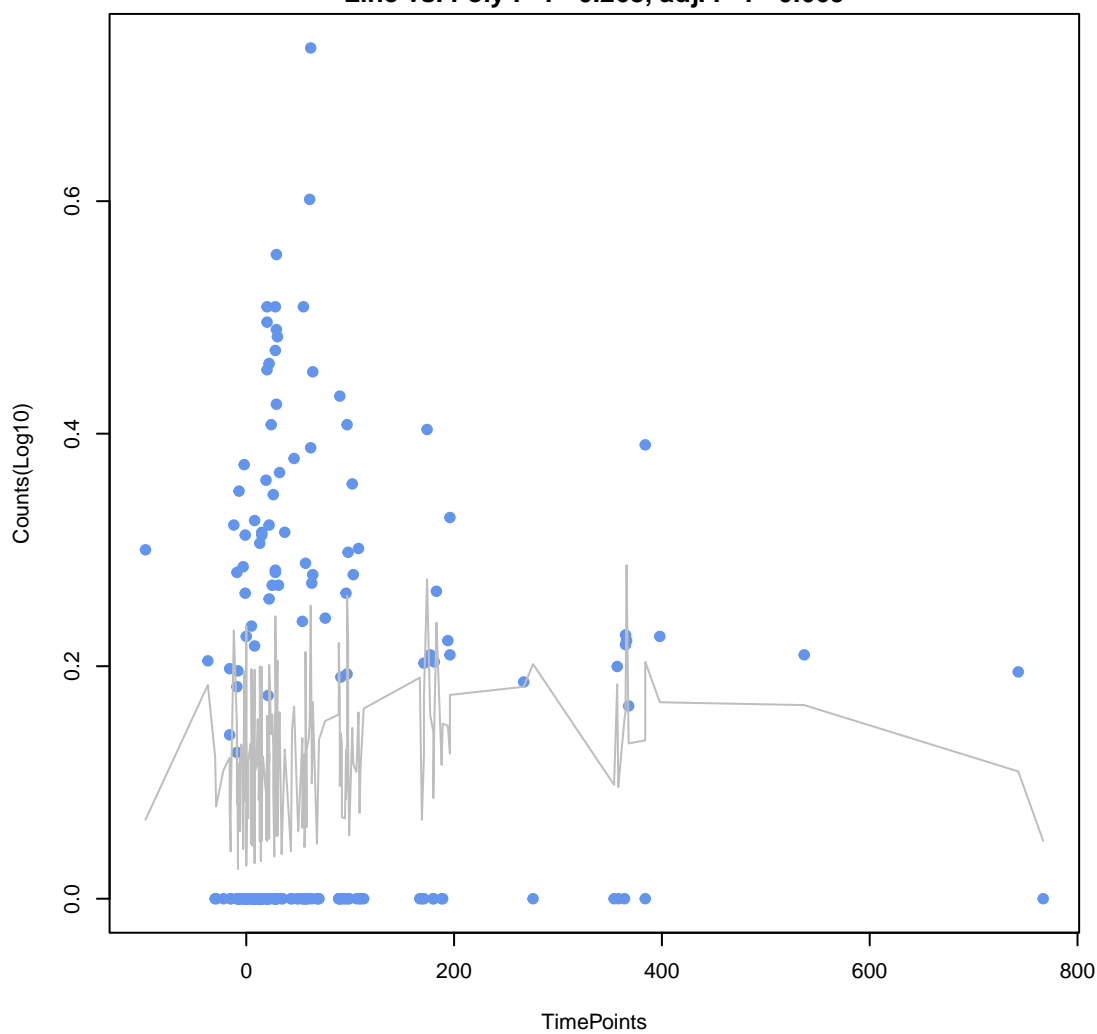
tetracycline-resistant ribosomal protection protein
ANOVA P=0.305, adj. ANOVA-P=0.637
Line vs. Poly F-P=0.0978, adj. F-P=0.667



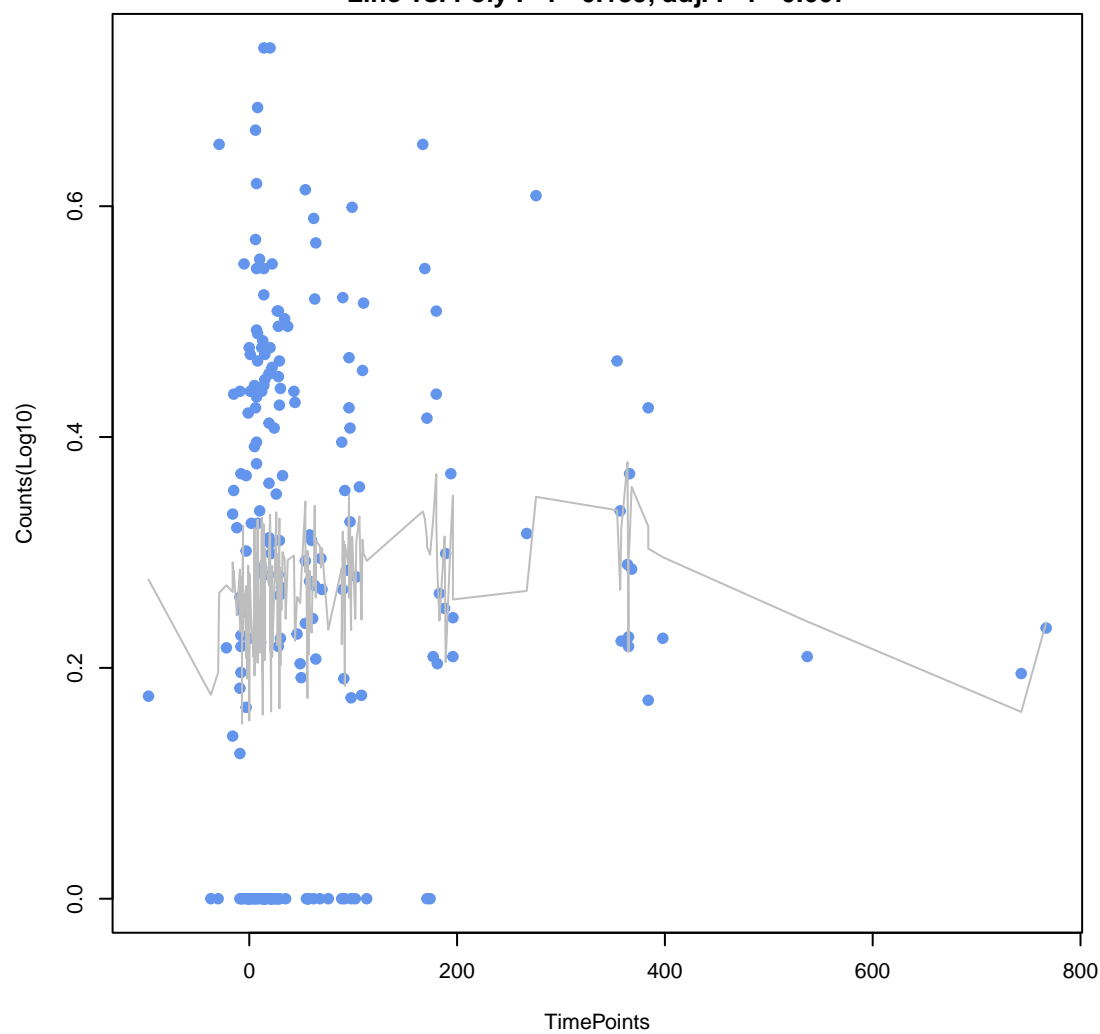
SHV beta-lactamase
ANOVA P=0.308, adj. ANOVA-P=0.637
Line vs. Poly F-P=0.781, adj. F-P=1



al Porin with reduced permeability to beta-lactams;resistance-nodulation-cell division (RN
ANOVA P=0.32, adj. ANOVA-P=0.637
Line vs. Poly F-P=0.268, adj. F-P=0.669

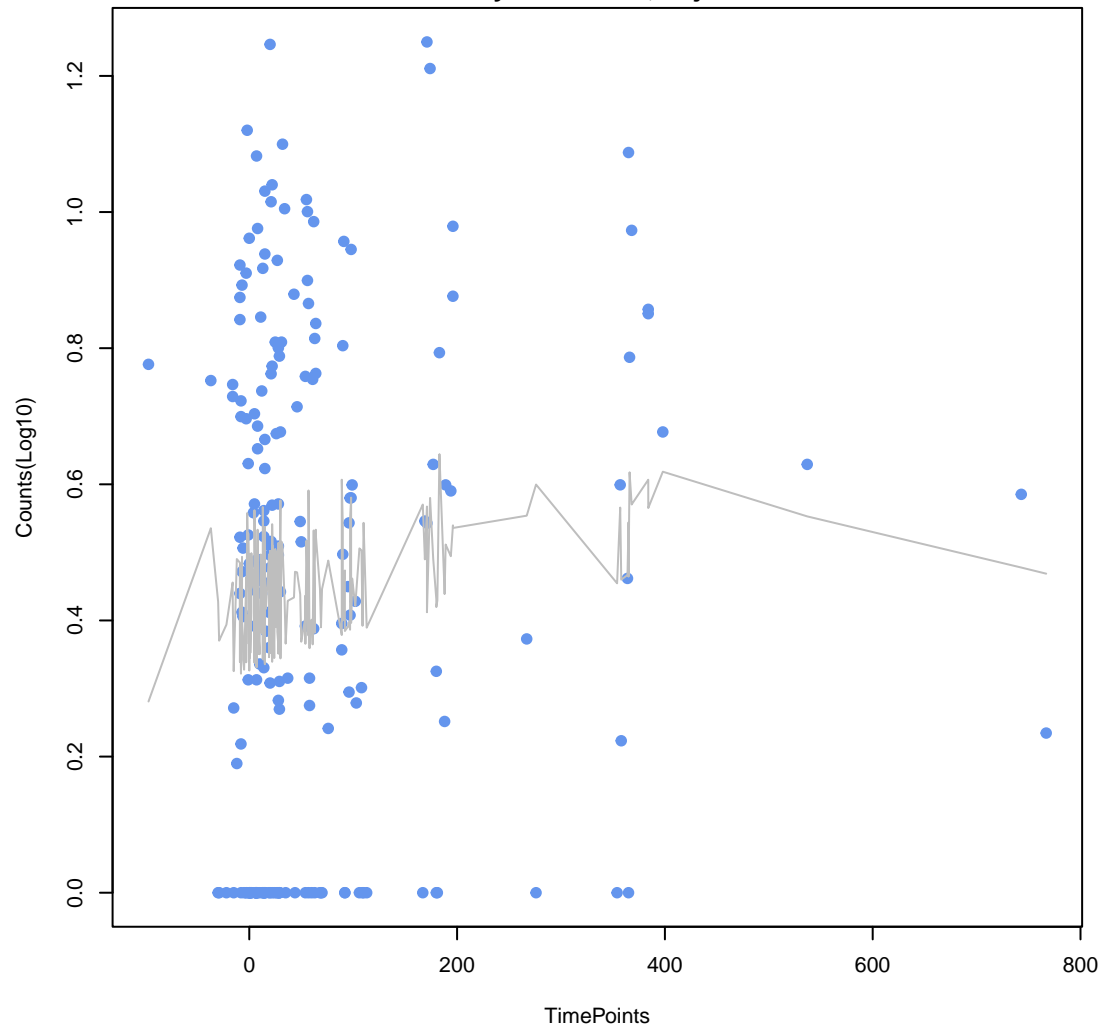


streptothricin acetyltransferase (SAT)
ANOVA P=0.343, adj. ANOVA-P=0.637
Line vs. Poly F-P=0.139, adj. F-P=0.667



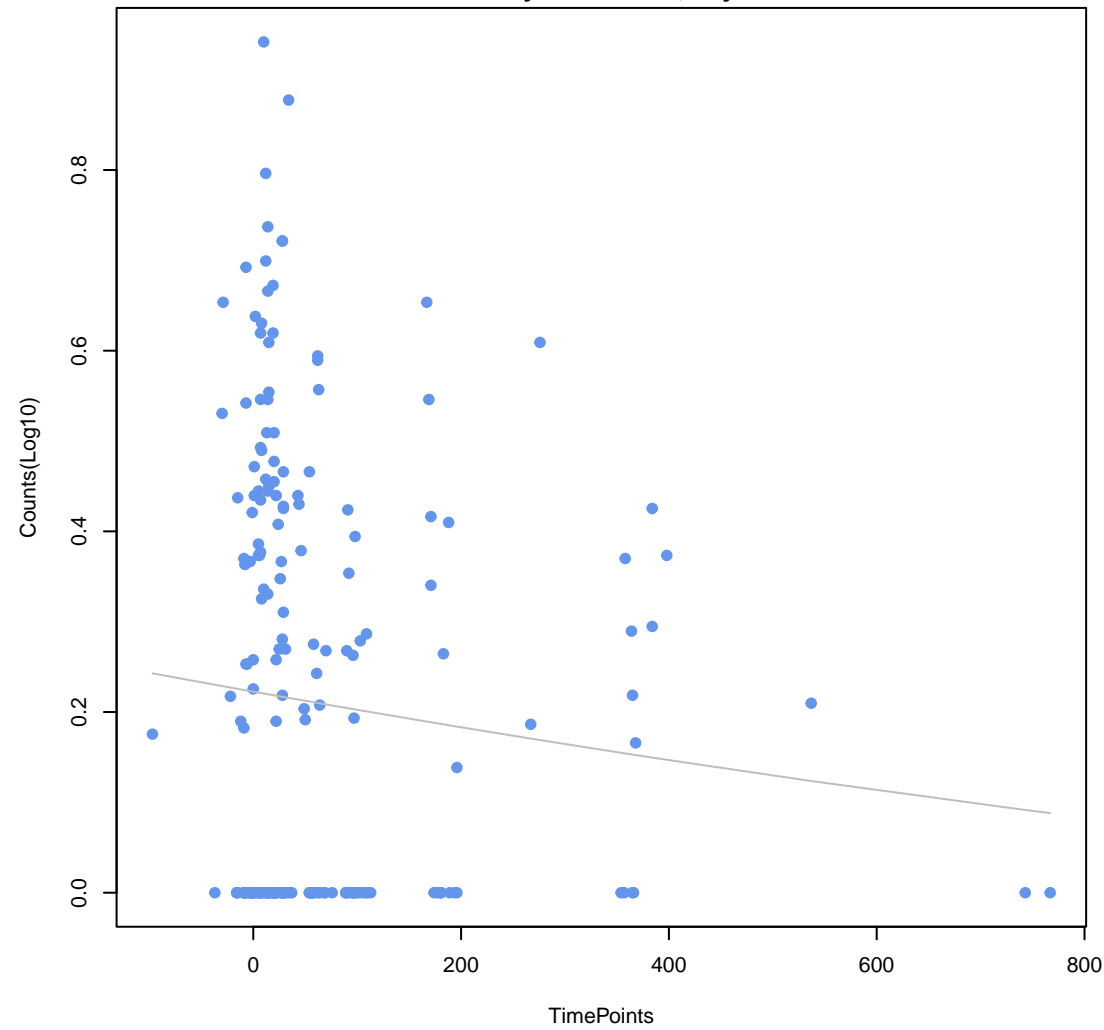
itator superfamily (MFS) antibiotic efflux pump;resistance–nodulation–cell division (RND) a

ANOVA P=0.346, adj. ANOVA–P=0.637
Line vs. Poly F–P=0.237, adj. F–P=0.669



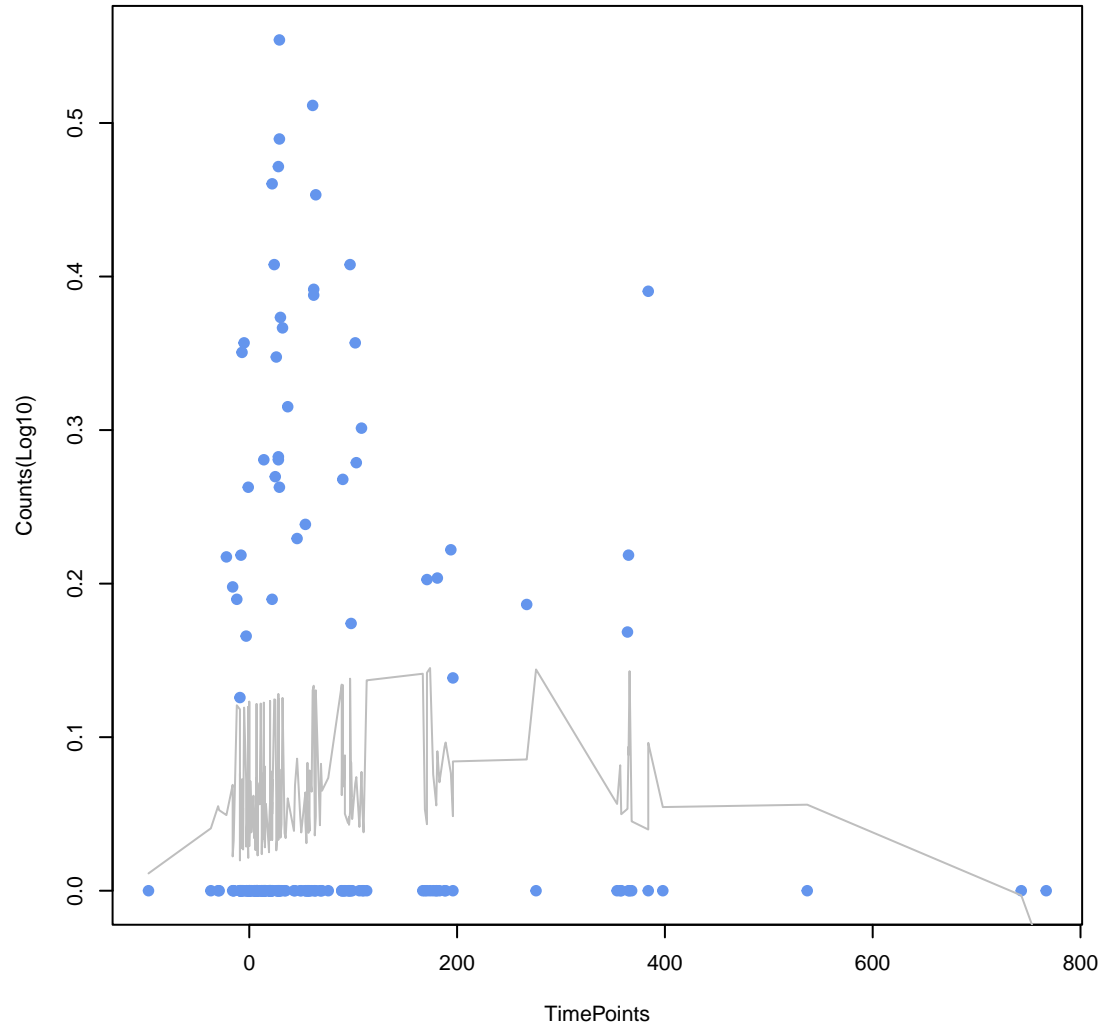
msr–type ABC–F protein

ANOVA P=0.415, adj. ANOVA–P=0.727
Line vs. Poly F–P=0.947, adj. F–P=1



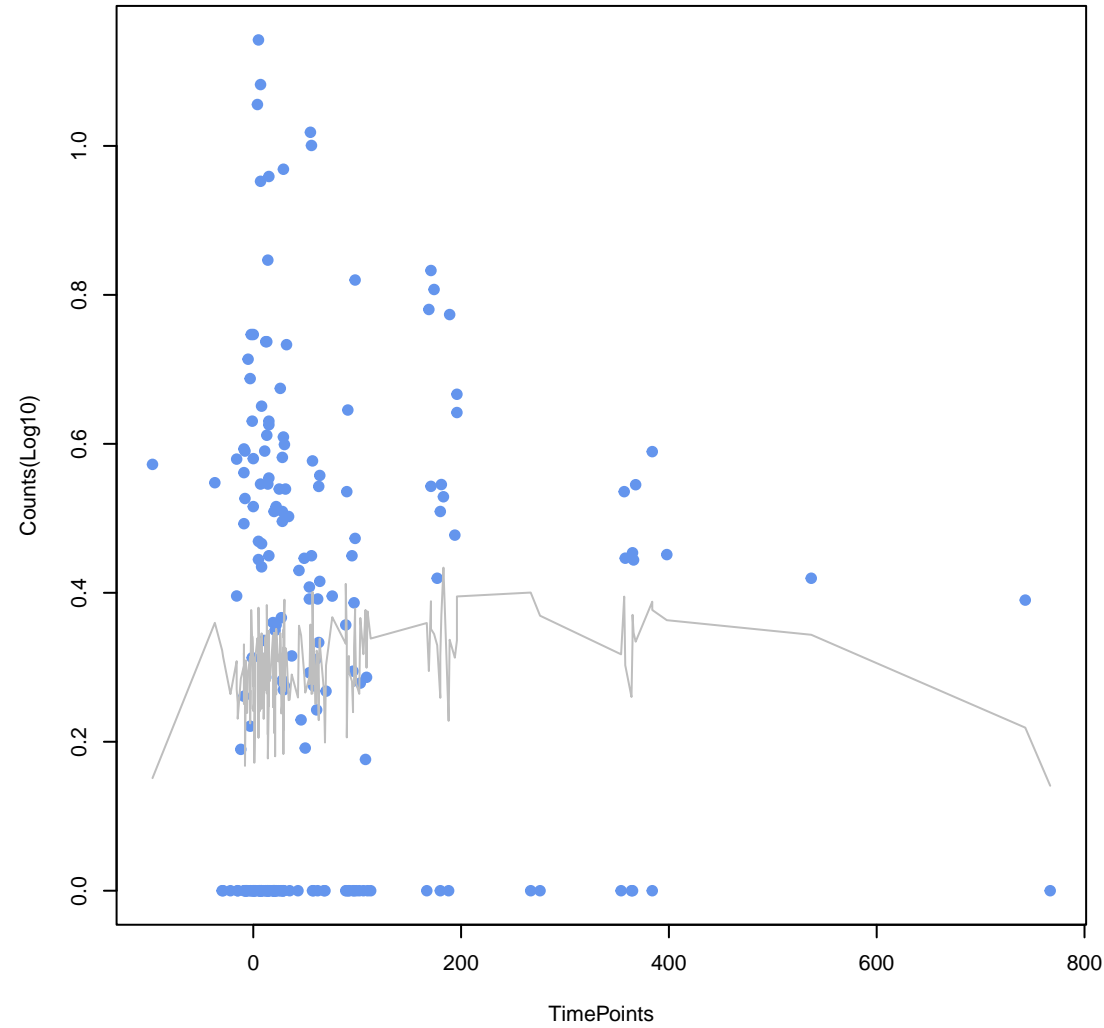
antibiotic–resistant UhpT

ANOVA P=0.465, adj. ANOVA–P=0.767
Line vs. Poly F–P=0.63, adj. F–P=1



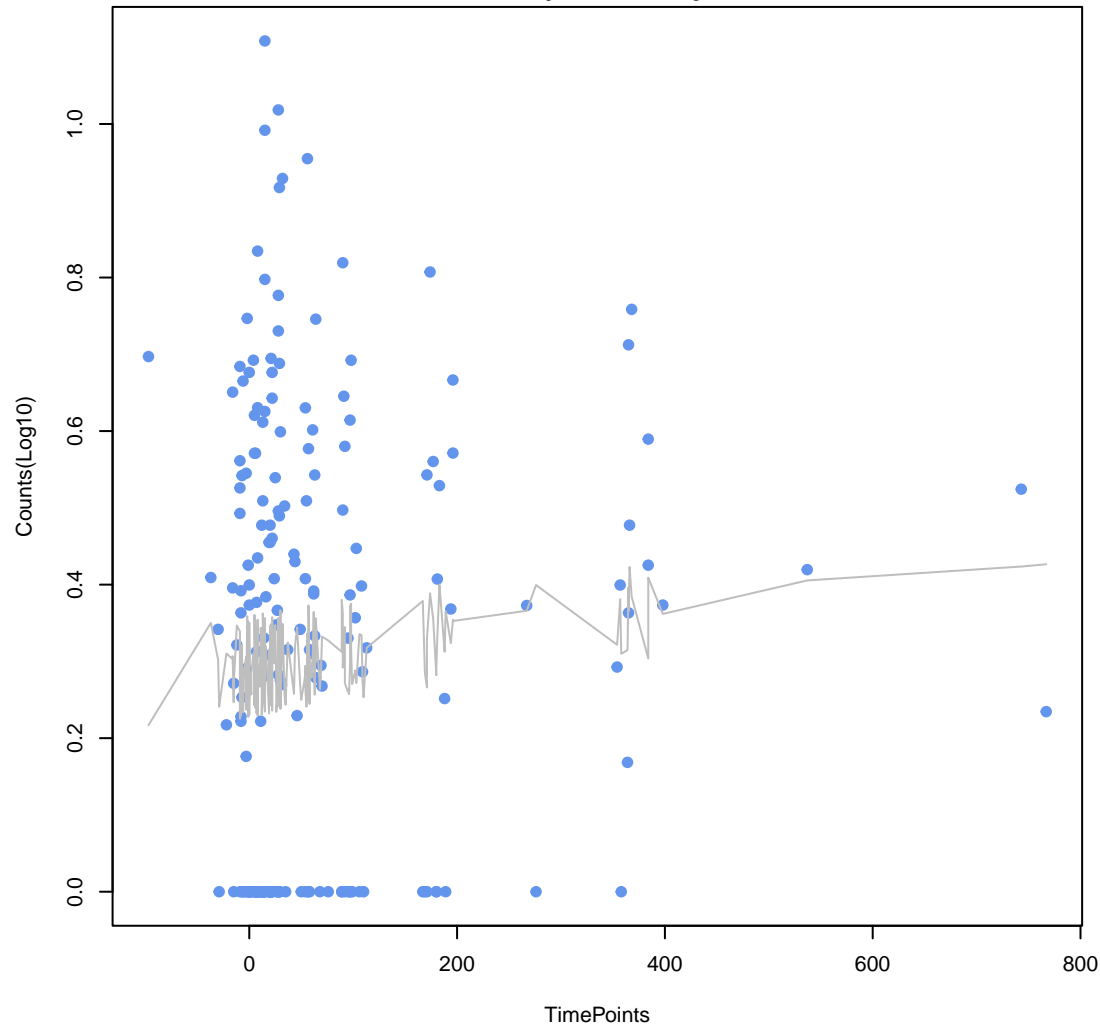
ic efflux pump;major facilitator superfamily (MFS) antibiotic efflux pump;resistance–nodulation–cell division (RND) a

ANOVA P=0.482, adj. ANOVA–P=0.767
Line vs. Poly F–P=0.134, adj. F–P=0.667



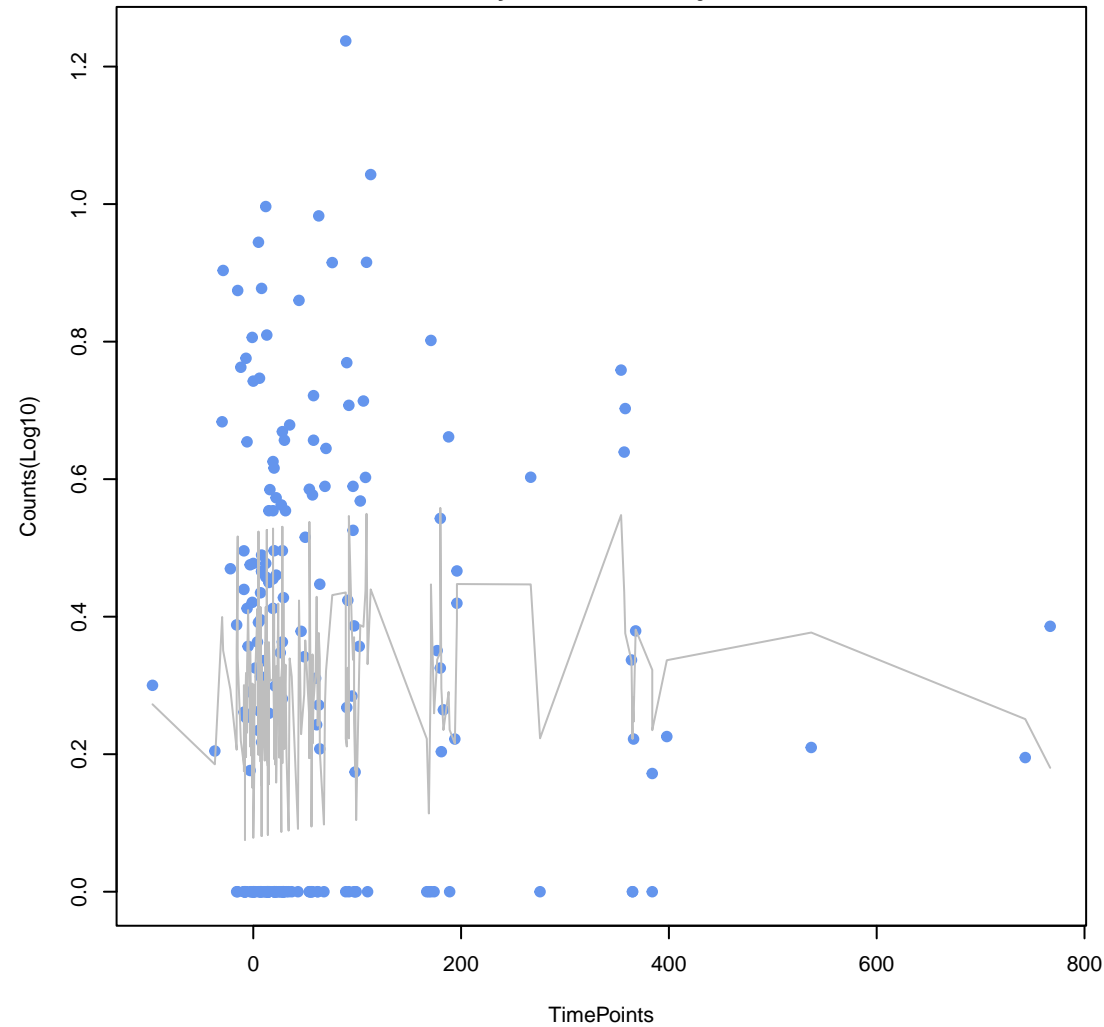
pmr phosphoethanolamine transferase

ANOVA P=0.525, adj. ANOVA–P=0.786
Line vs. Poly F–P=1, adj. F–P=1

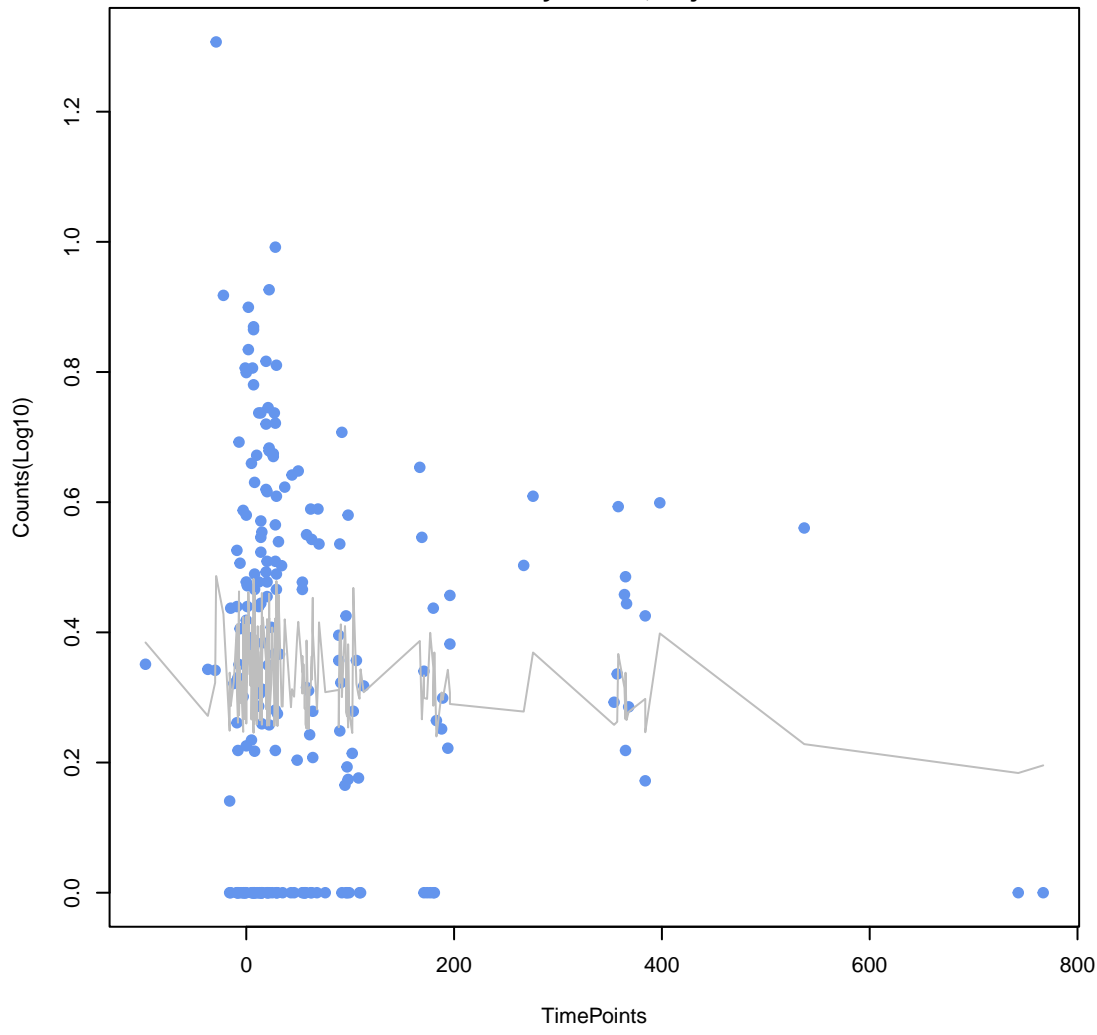


glycopeptide resistance gene cluster;vanR

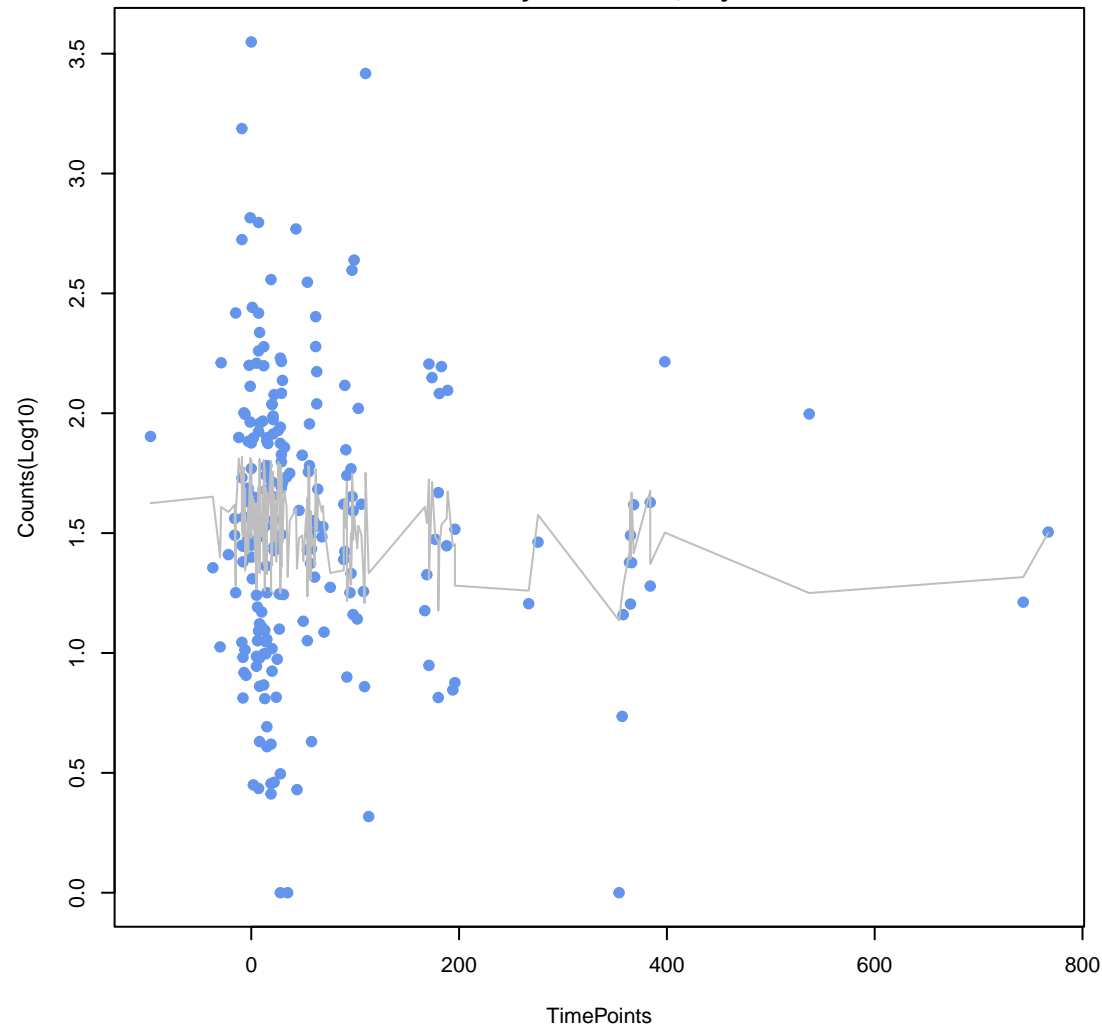
ANOVA P=0.539, adj. ANOVA–P=0.786
Line vs. Poly F–P=0.258, adj. F–P=0.669



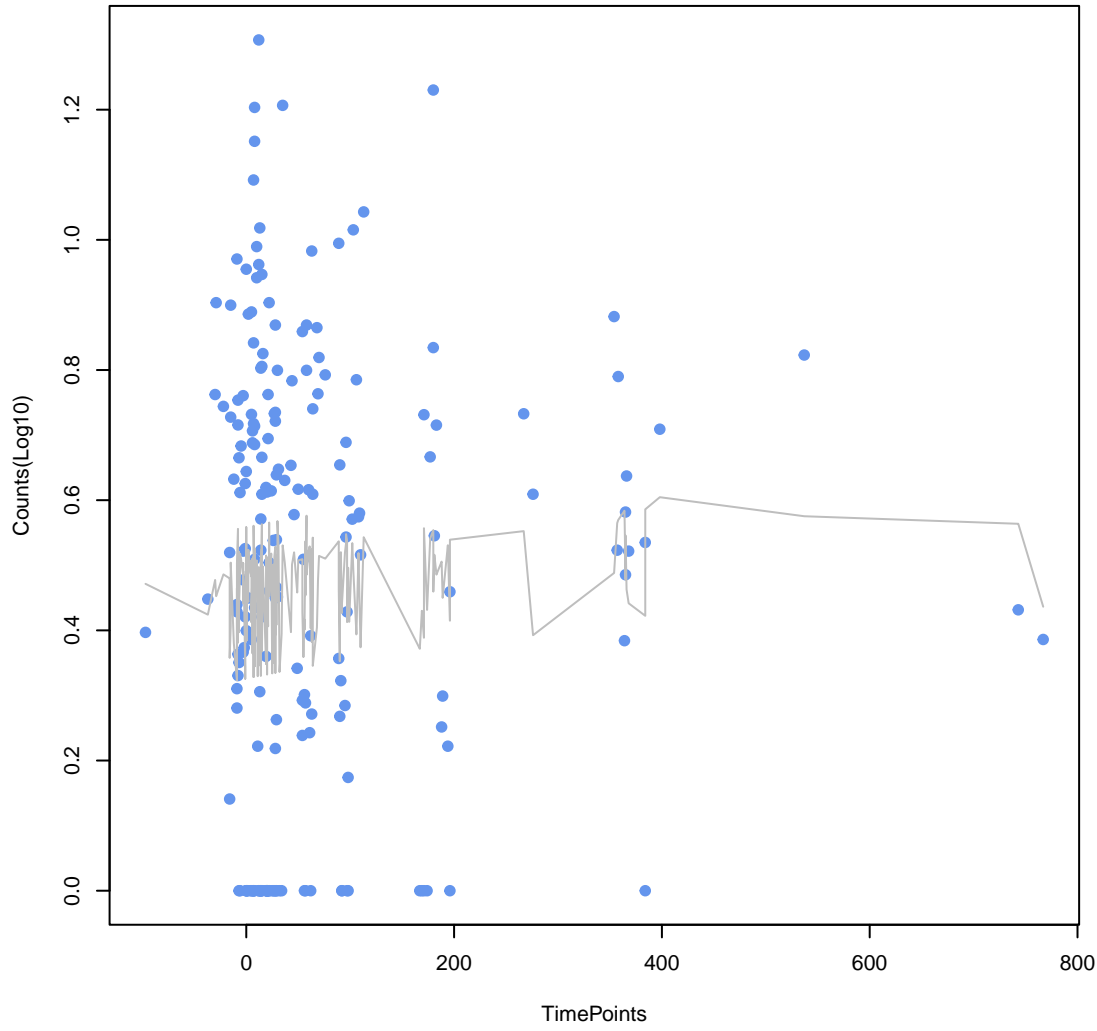
glycopeptide resistance gene cluster;vanS
ANOVA P=0.586, adj. ANOVA-P=0.805
Line vs. Poly F-P=1, adj. F-P=1



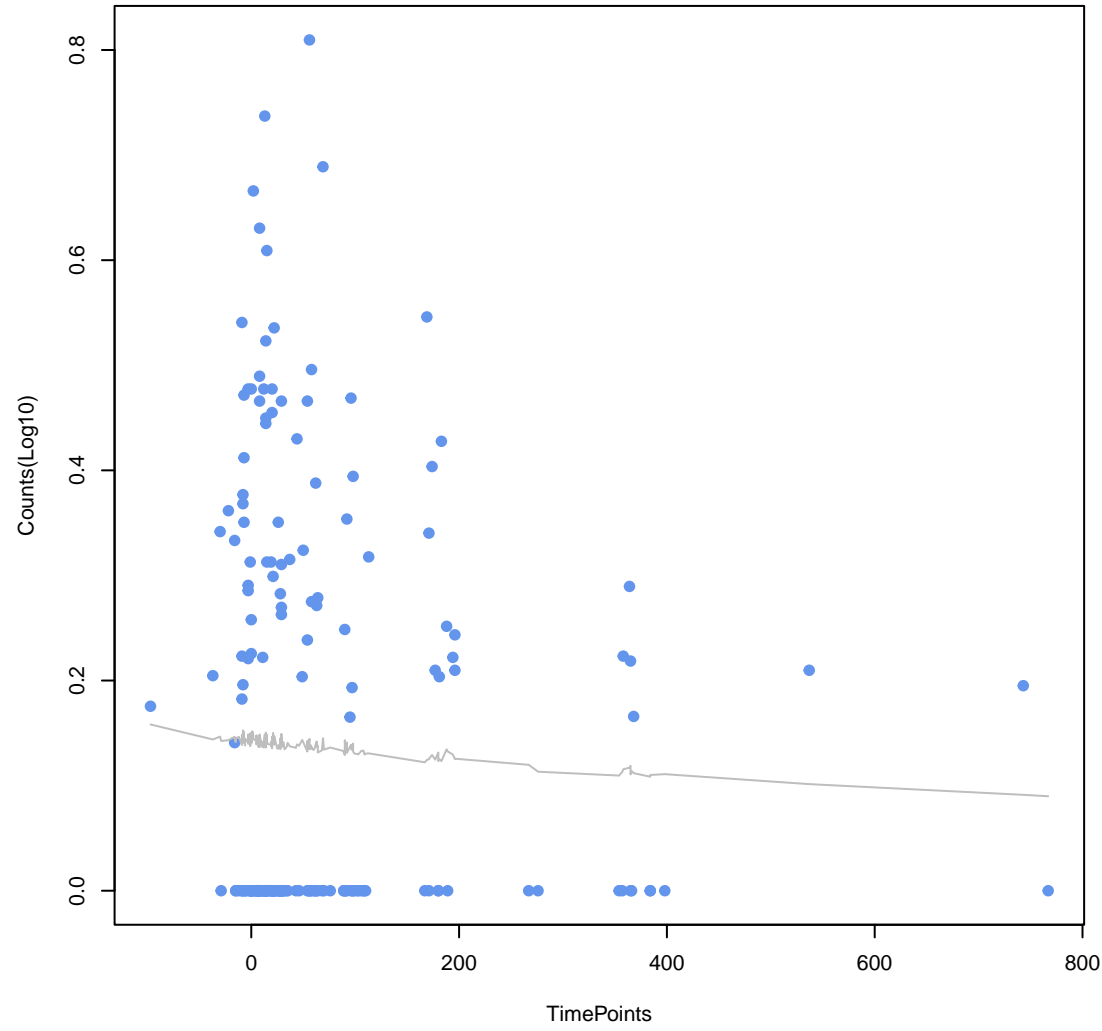
ATP-binding cassette (ABC) antibiotic efflux pump
ANOVA P=0.62, adj. ANOVA-P=0.805
Line vs. Poly F-P=0.503, adj. F-P=1



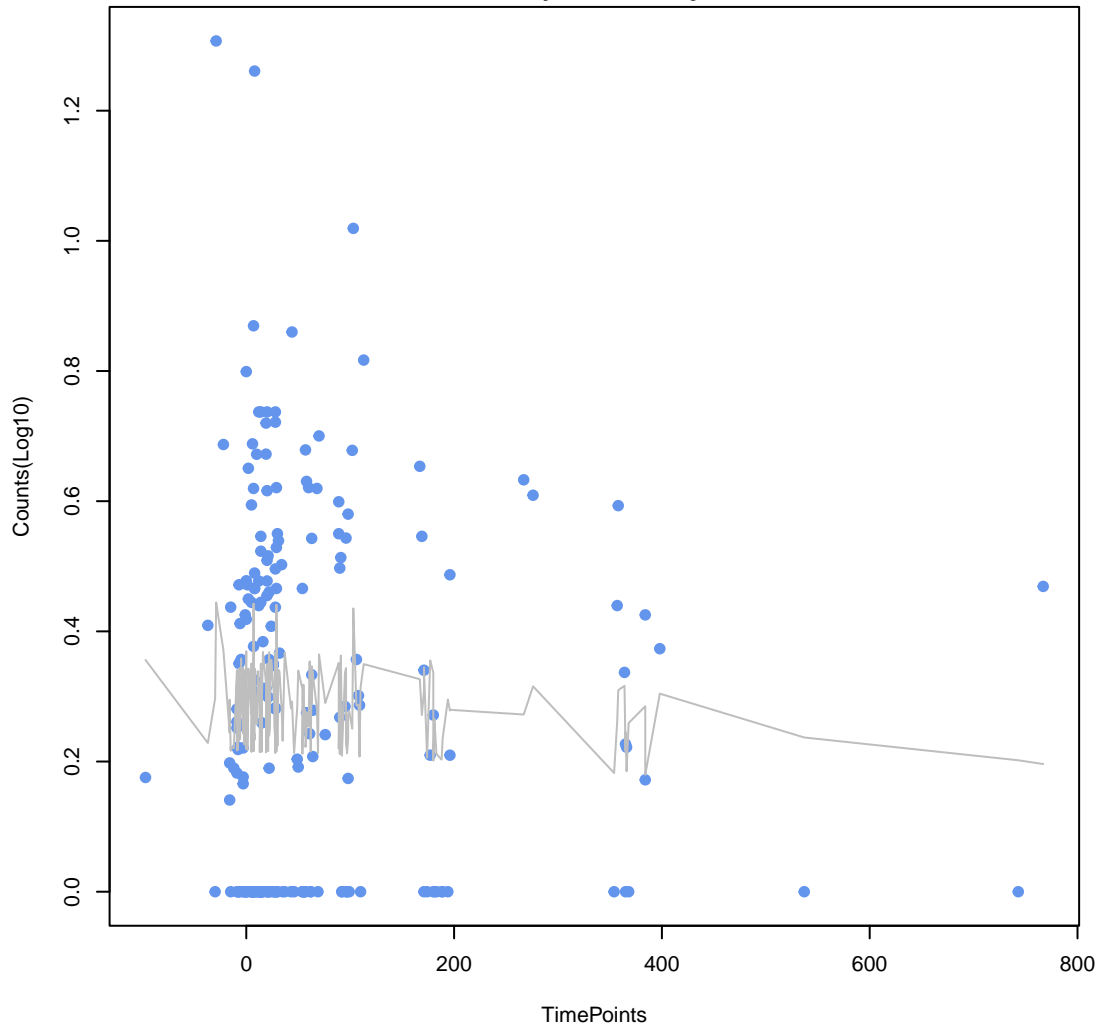
Miscellaneous ABC-F subfamily ATP-binding cassette ribosomal protection protein
ANOVA P=0.621, adj. ANOVA-P=0.805
Line vs. Poly F-P=0.598, adj. F-P=1



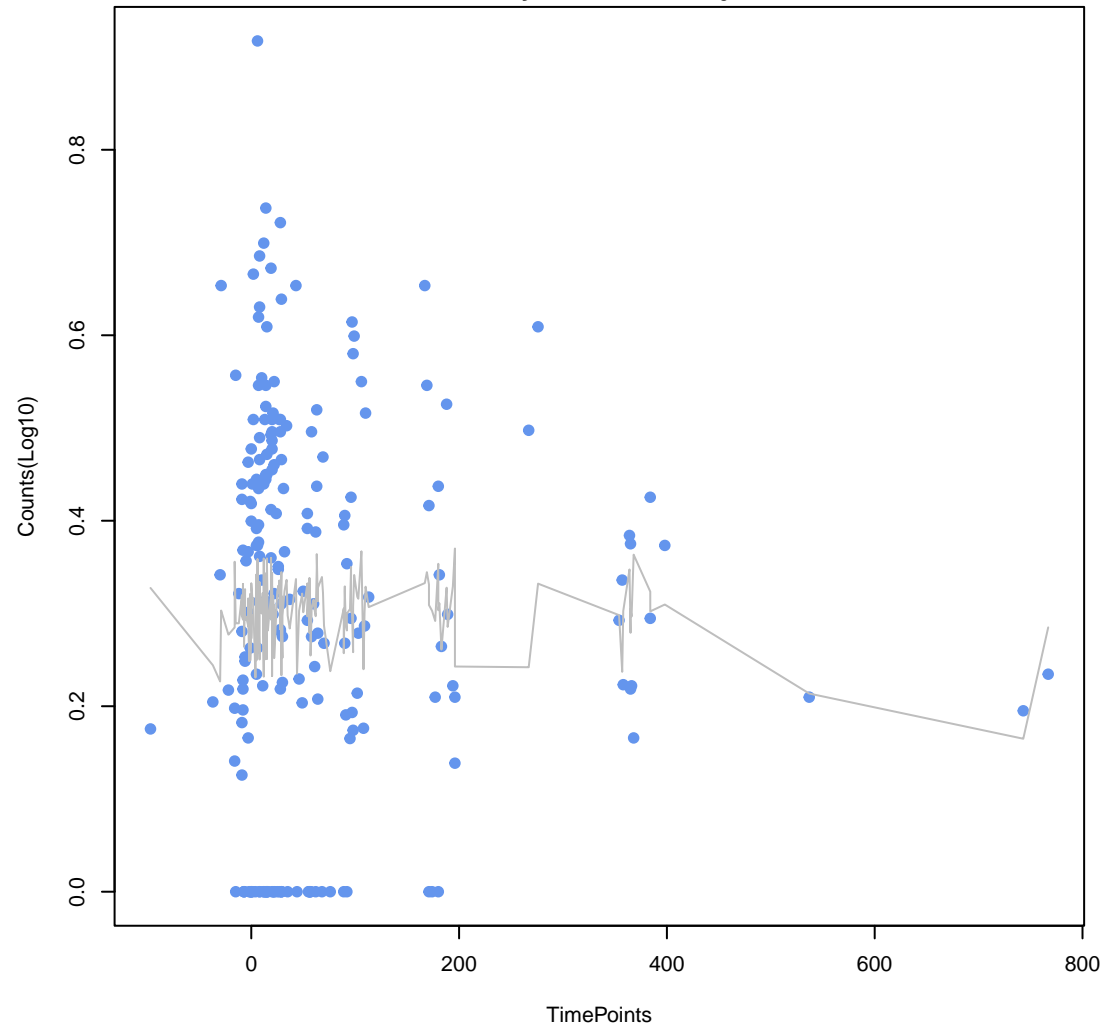
antibiotic-resistant isoleucyl-tRNA synthetase (ileS)
ANOVA P=0.776, adj. ANOVA-P=0.942
Line vs. Poly F-P=1, adj. F-P=1



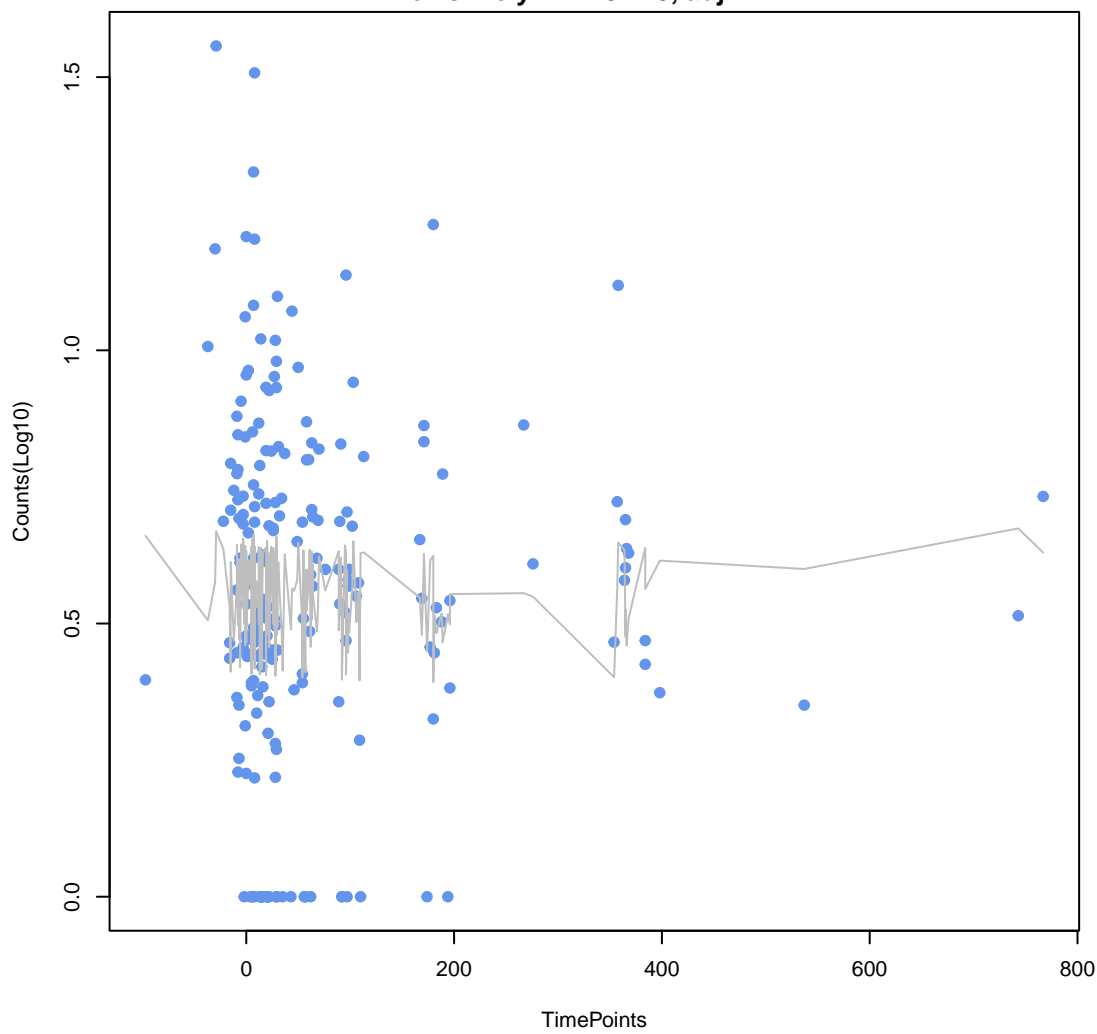
glycopeptide resistance gene cluster;vanX
ANOVA P=0.8, adj. ANOVA-P=0.942
Line vs. Poly F-P=1, adj. F-P=1



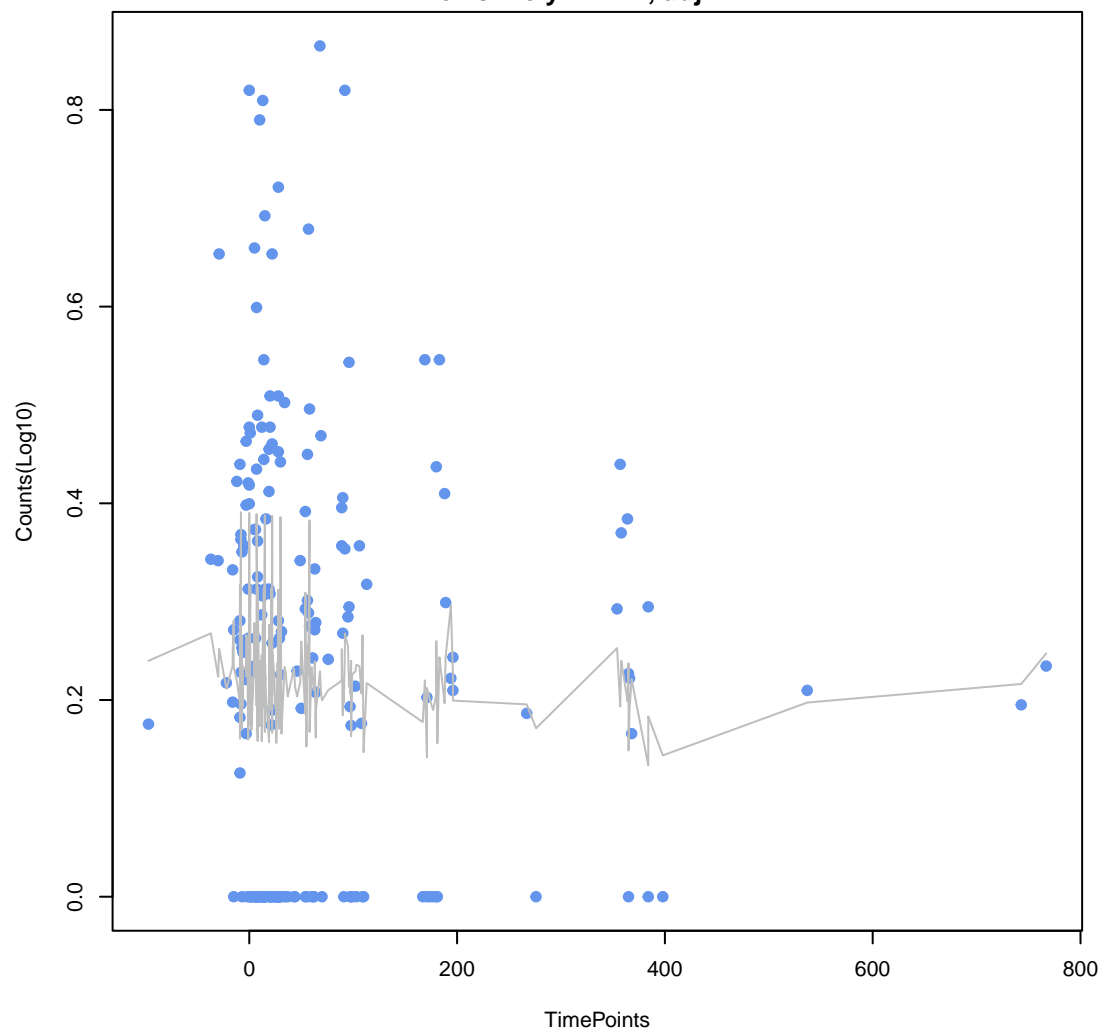
ANT(6)
ANOVA P=0.84, adj. ANOVA-P=0.942
Line vs. Poly F-P=0.592, adj. F-P=1



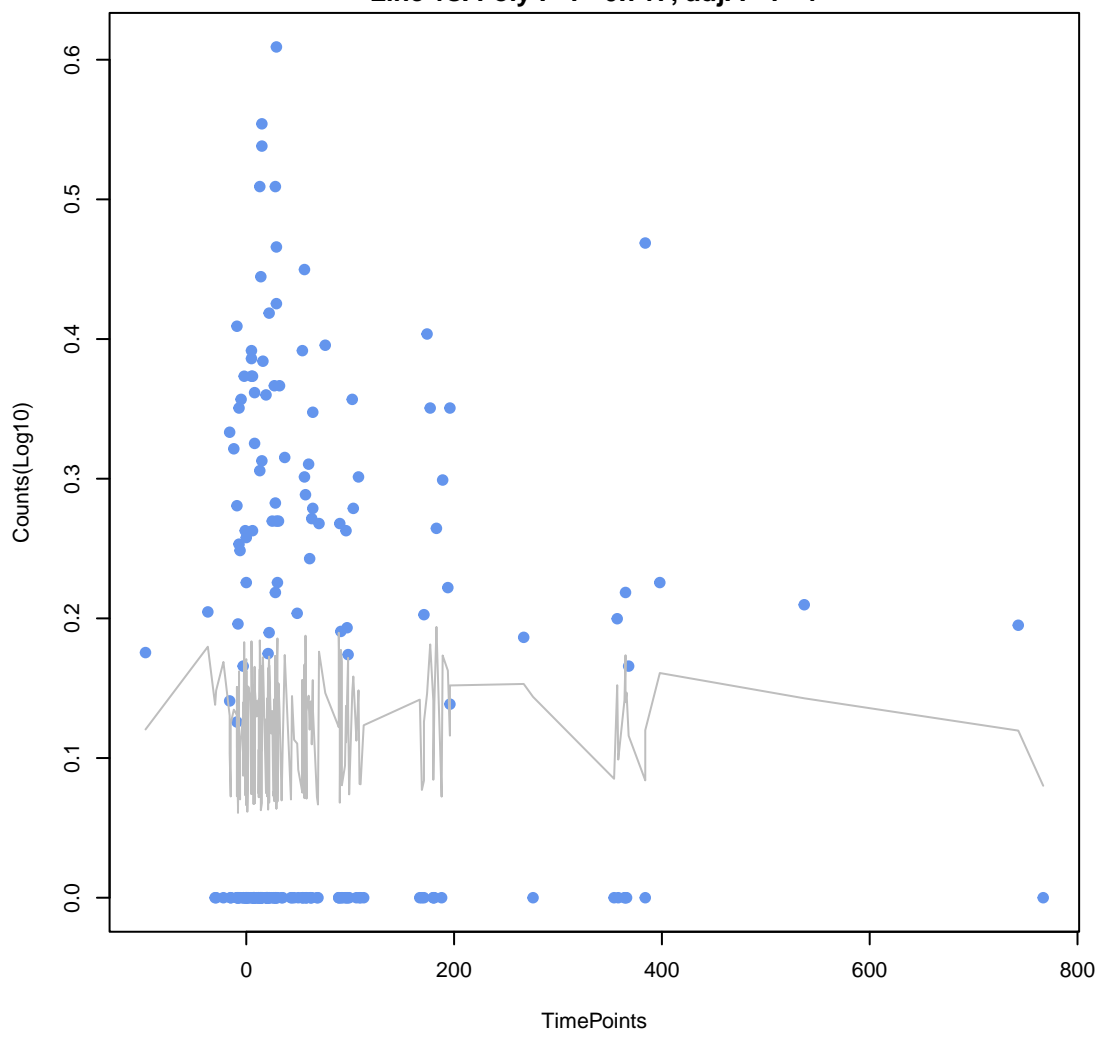
Van ligase;glycopeptide resistance gene cluster
ANOVA P=0.849, adj. ANOVA-P=0.942
Line vs. Poly F-P=0.723, adj. F-P=1



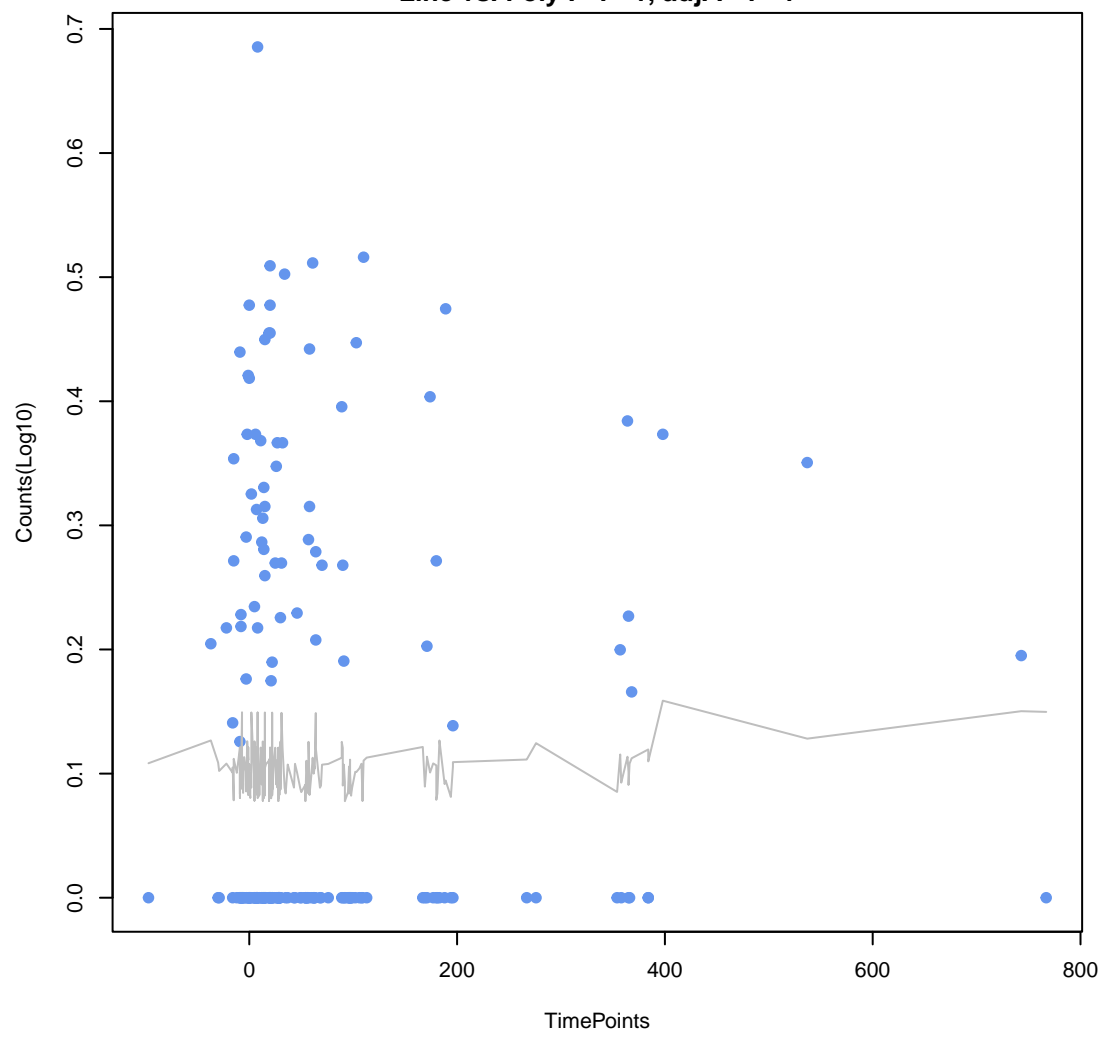
lincosamide nucleotidyltransferase (LNU)
ANOVA P=0.864, adj. ANOVA-P=0.942
Line vs. Poly F-P=1, adj. F-P=1



kdpDE
ANOVA P=0.912, adj. ANOVA-P=0.942
Line vs. Poly F-P=0.717, adj. F-P=1



APH(3")
ANOVA P=0.915, adj. ANOVA-P=0.942
Line vs. Poly F-P=1, adj. F-P=1



CfxA beta-lactamase
ANOVA P=0.998, adj. ANOVA-P=0.998
Line vs. Poly F-P=1, adj. F-P=1

