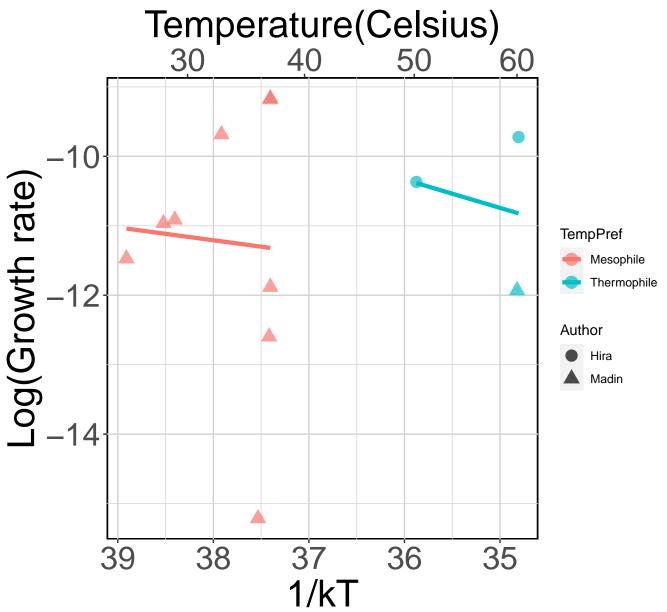
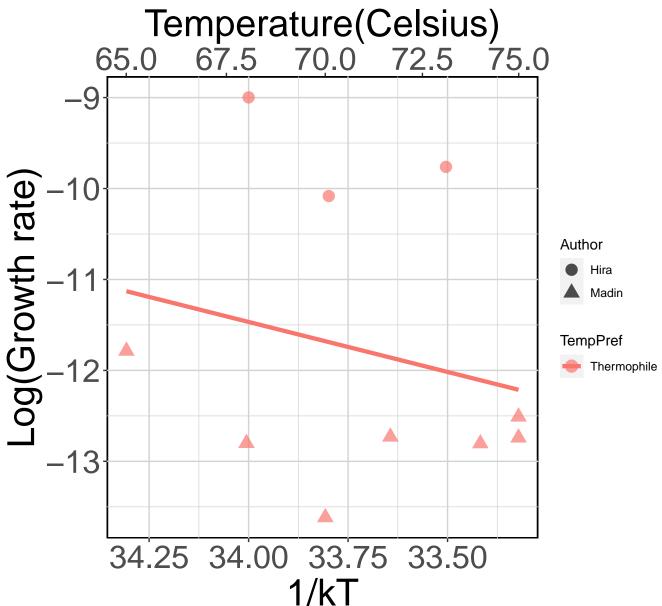
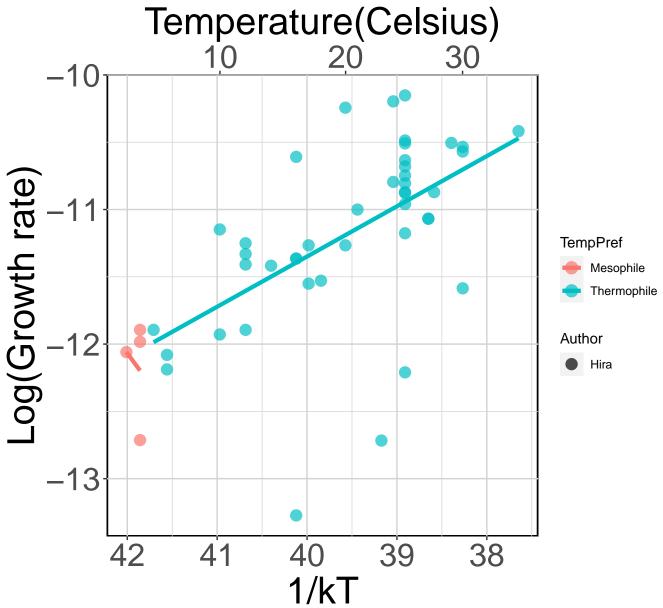
Actinobacteria



Aquificae

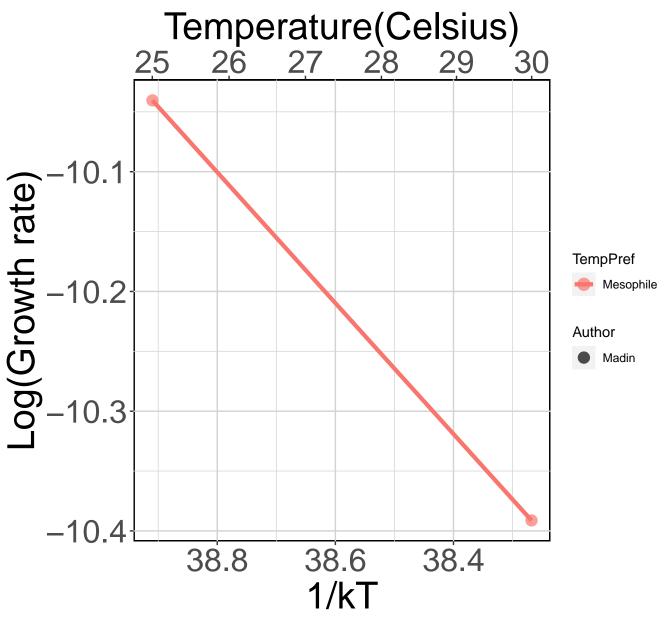


Bacillariophyta Temperature(C

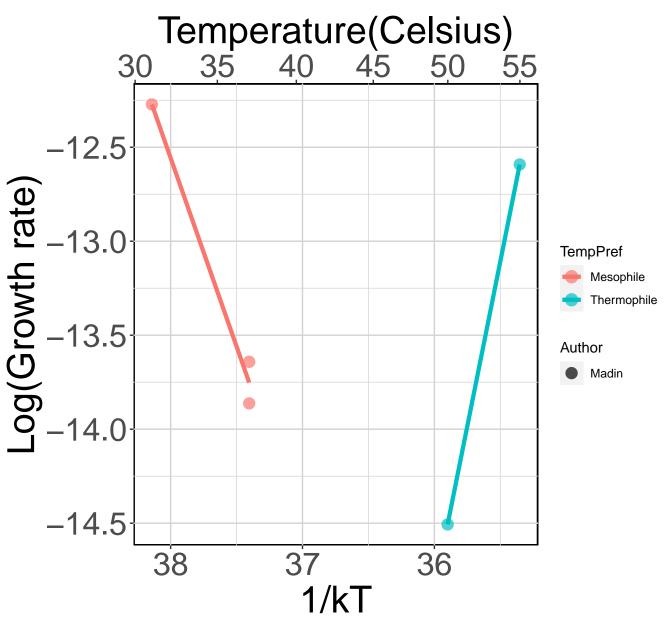


Bacteroidetes Temperature(Celsius) 60 Log(Growth rate) **TempPref** Mesophile Thermophile Author Hira Madin 38 36 1/kT

Balneolaeota

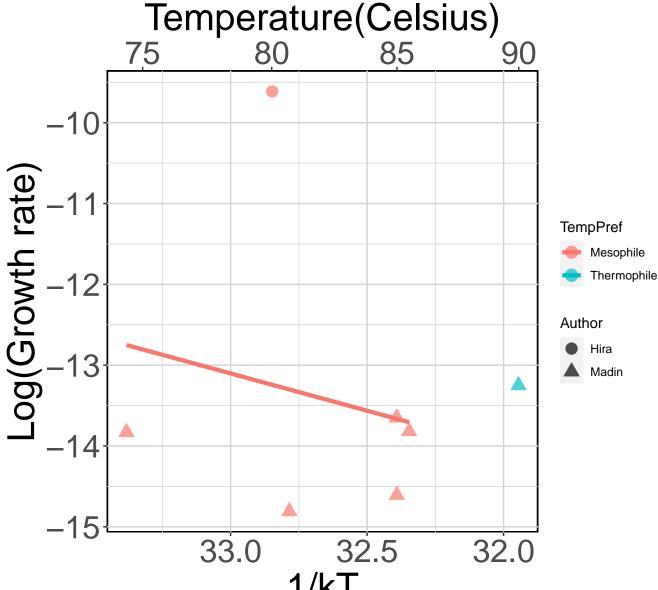


Chloroflexi

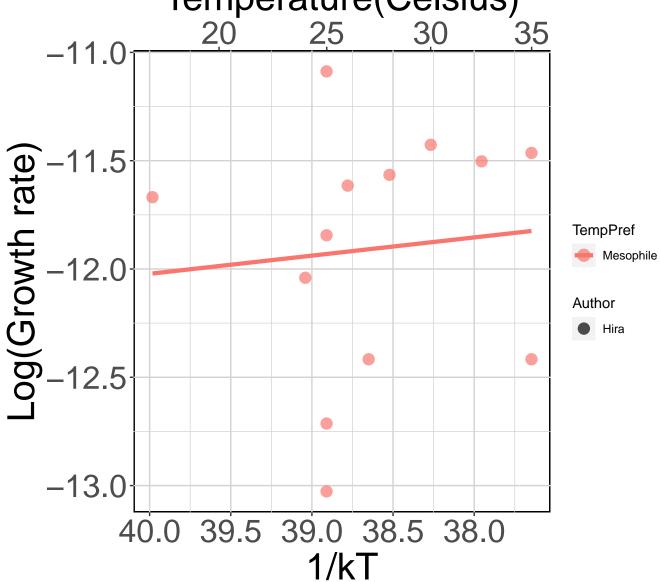


Chlorophyta Temperature(Celsius) 20 30 Log(Growth rate) 5 **TempPref** Mesophile Thermophile **Author** Hira 42 41 40 39 38 1/kT

Crenarchaeota



Cyanobacteria Temperature(Celsius)

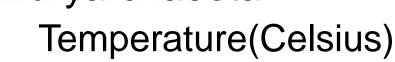


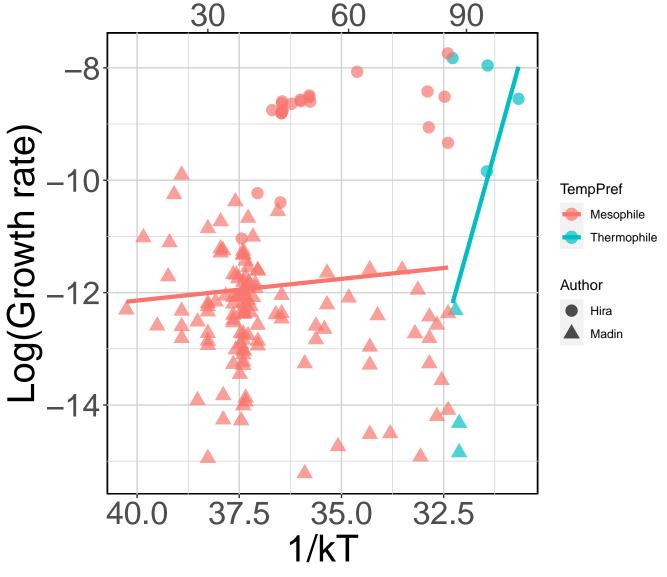
Cyanophyta Temperature(Celsius) 30 40 Log(Growth rate) **TempPref** Mesophile Thermophile **Author** Hira 39 37 1/kT 38 36

Deferribacteres Temperature(Celsius) 48 52 56 60 Log(Growth rate) **Author** Hira Madin **TempPref** Thermophile 35.2 36.0 35.6 1/kT

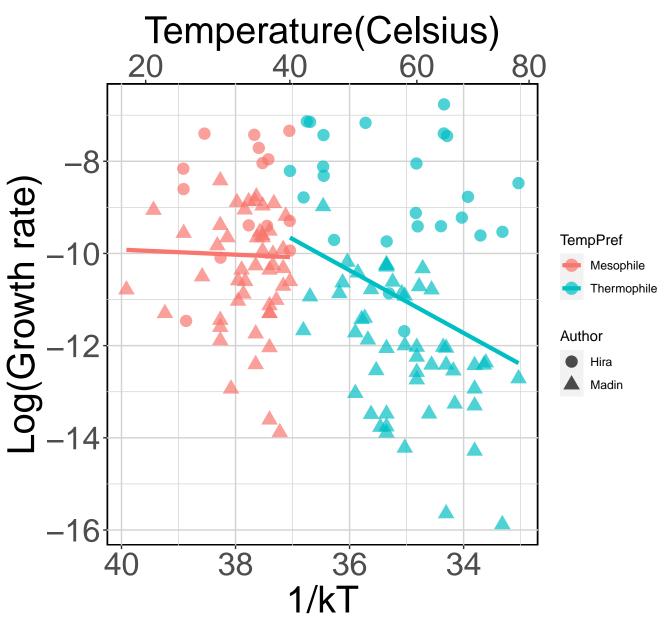
Deinococcus-Thermus Temperature(Celsius) 60 50 40 Log(Growth rate) **TempPref** Mesophile Thermophile Author Hira Madin -1236 35 37 1/kT

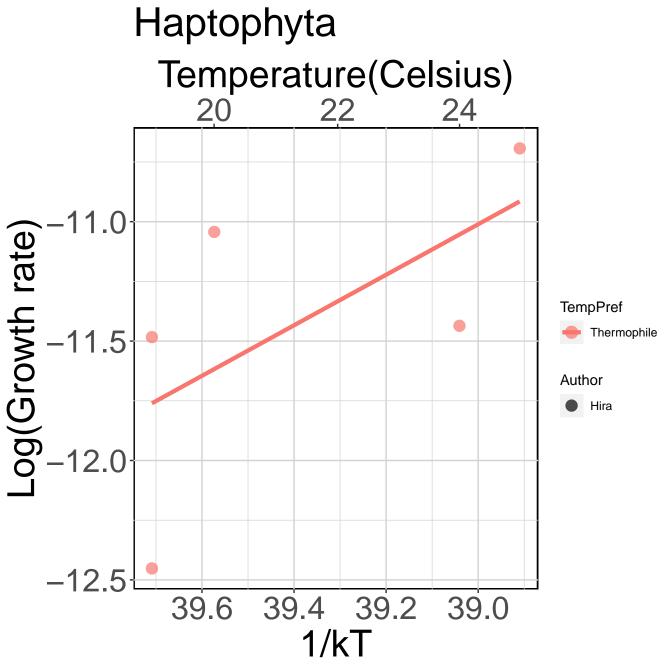
Euryarchaeota





Firmicutes

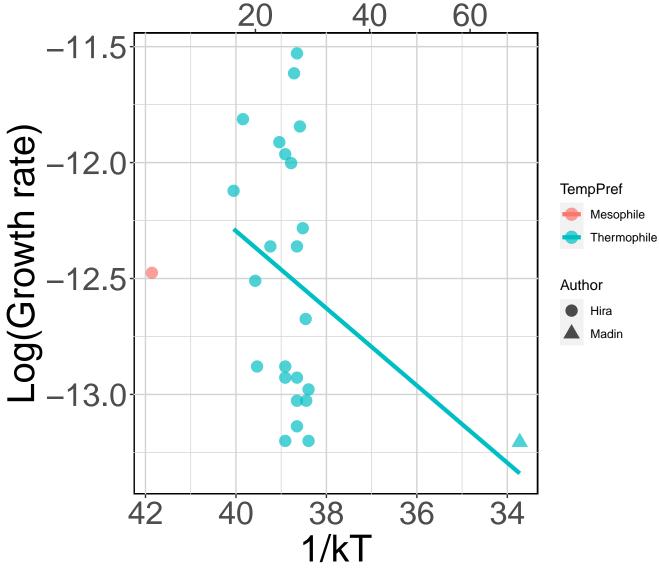




Ochrophyta Temperature(Celsius) 10 20 15 30 Log(Growth rate) **TempPref** Thermophile Author Hira 39 40 1/kT

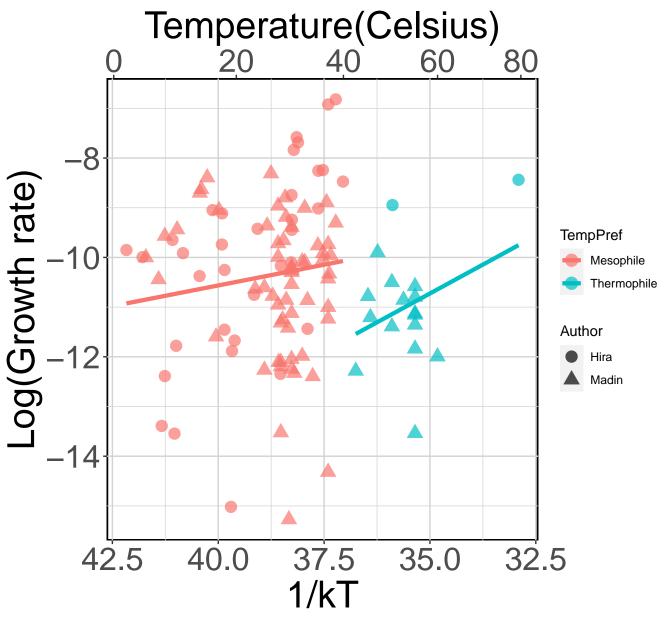
Others





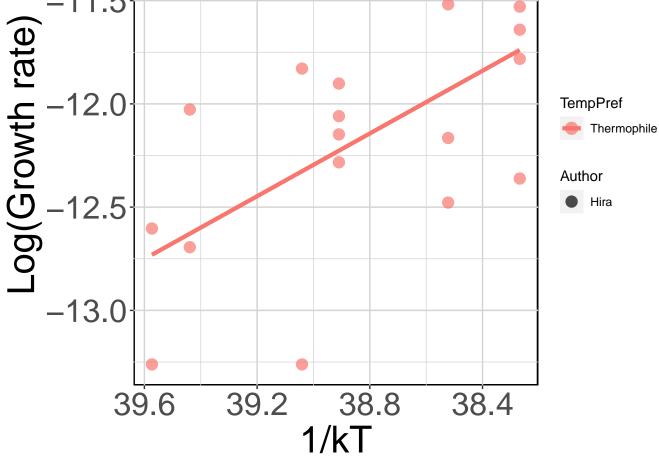
Planctomycetes Temperature(Celsius) 28 32 36 -11.20Fog(Growth rate) -11.25 -11.30 **TempPref** Mesophile Thermophile Author Hira Madin -11.4038.5 38.0 37.5 37.0 1/kT

Proteobacteria



Spirochaetes Temperature(Celsius) 25 35 30 50 Log(Growth rate) **TempPref** Mesophile Thermophile Author Madin 38 36 37 1/kT

Streptophyta Temperature(Celsius) 22.5 25.0 27.5 30.0 11.5 **TempPref** Author Hira



Synergistetes Temperature(Celsius) 45 50 55 60 Log(Growth rate) **TempPref** Thermophile Author Madin 36.0 35.5 35.0 34.5 1/kT

Thermodesulfobacteria Temperature(Celsius) 68 -12.00Log(Growth rate) -12.5 -12.75 **TempPref** Thermophile Author Madin -13.0033.4 34.0 33.8 33.6 1/kT

Thermotogae Temperature(Celsius) 60 65 55 Log(Growth rate) **Author** Hira Madin **TempPref** Thermophile 35.0 34.5 34.0 1/kT