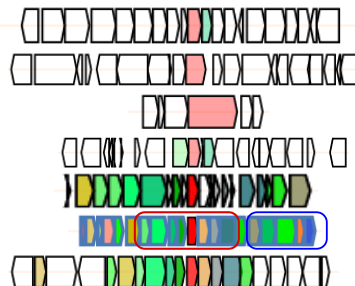
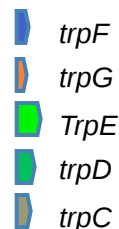


Euryarchaeota

Archaeoglobus fulgidus
Halorubrum tebenquichense DSM 14210
Halonotius sp J07HN6
Methanosarcina lacustris Z-7289
Thermococcus sp JCM 11816
Thermococcus kodakarensis KOD1
Thermococcus sp AM4 CP002952.1

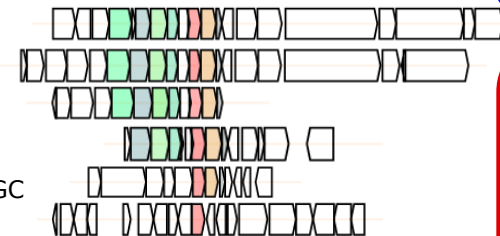


Genes de la ruta de triptofano



Thaumarchaeota

Candidatus Nitrosoarchaeum limnia SFB1
Candidatus Nitrosopumilus adriaticus NF5
Thaumarchaeota archaeon CSP1-1
 Marine Group I *thaumarchaeote* SCGC RSA3
Aigarchaeota archaeon SCGC AAA471-E14SCGC
Thaumarchaeota archaeon JGI OTU-1JGI

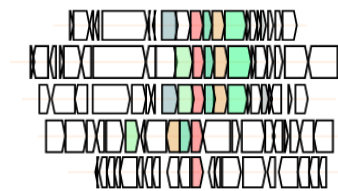


Genes de la ruta de Histidina



Crenarchaeota

Sulfolobus metallicus DSM 6482
Metallosphaera sedula ARS50-1
Ignisphaera aggregans DSM 17230
Pyrobaculum neutrophilum V24Sta
Ignicoccus islandicus DSM 13165



Candidatus Bathyarchaeota archaeon B25
Candidatus Bathyarchaeota archaeon B26
Candidatus Bathyarchaeota archaeon B26-1

