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Phylogenetic Tree of a gene from the PGC
   Rhodopseudomonas_palustris
   Rhodopseudomonas_palustris
  Rhodopseudomonas_
  -Rhodopseudomonas_palustris
  •Bradyrhizobium_sp.
 Bradyrhizobium_sp.
   Bradyrhizobium_
  Bradyrhizobium_cosmicum
  Bradyrhizobium_betae
  Bradyrhizobium_amphicarpaeae
 Ectothiorhodospira_sp.
 •Roseateles_sp.
 Roseateles_depolymerans
Methylibium_sp.
 Thioflavicoccus_mobilis
   Methylobacterium_indicum
      Methylobacterium_sp.
      •Methylobacterium_oryzae
     eunclassified_Methylobacterium
      Methylobacterium_
     Methylobacterium_mesophilicum
     •Methylorubrum_sp.
       Methylorubrum_
      Methylorubrum_extorquens
     Methylorubrum_extorquens
     Methylorubrum_populi
    Methylorubrum_populi
   Methylobacterium_radiodurans
   Methylobacterium_sp.
   Methylobacterium_durans
  Acidibrevibacterium_fodinaquatile
  -Acidiphilium_multivorum
  Methylocystis_rosea
  Methylocystis_rosea
 Rhodospirillum_centenum
 •Elioraea_tepida
     •Polynucleobacter_sp.
    Polynucleobacter_sp.
    -Polynucleobacter_sp.
                            Perevundimonas_subvibrioides
                            Brevundimonas_subvibrioides
    Polynucleobacter_difficilis
    Polynucleobacter_duraquae
    Limnohabitans sp.
   Hydrogenophaga_sp.
   Hydrogenophaga sp.
      •Acidisoma_sp.
       Methylocella_silvestris
             Erythrobacter sp.
             Porphyrobacter_sp.
             Porphyrobacter_sp.
            Erythrobacter_sp.
           Erythrobacter_sp.
            Novosphingobium_ginsenosidimutans
          Citromicrobium_
         Sphingomonas_sp.
          r•Sphingomonas_sp.
          Sphingomonas_hengshuiensis
         •Sphingomonas_sp.
         ⊸Sphingomonas_sp.
         Rhizorhabdus_phycosphaerae
        •Polymorphobacter_sp.
        Sandaracinobacter_sp.
       ⊸Jiella_sp.
        Brevundimonas_sp.
  •Agrobacterium_sp.
   Peteryoungia_desertarenae
         Dinoroseobacter_
         Dinoroseobacter_
        →Planktomarina_temperata
        •Roseicitreum_antarcticum
        ■Tabrizicola_piscis
        Rhodobacter_capsulatus
        Cereibacter_azotoformans
         Cereibacter_sphaeroides
         Cereibacter_sphaeroides
         Cereibacter_sphaeroides
       Rhodobacteraceae_bacterium
       ⊸Ruegeria_sp.
       Thalassococcus_sp.
        •Roseobacter_denitrificans
         Roseobacter_litoralis
      •Maribius_sp.
       Roseivivax_marinus
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→Roseivivax_sp.

•Roseovarius_sp.

•unclassified_Roseovarius

Rhodovulum_sulfidophilum Rhodovulum_sulfidophilum

Rhodovulum_sulfidophilum

•Jannaschia_sp.

Rhodospirillum_rubrumBlastochloris_tepidaBlastochloris_viridis

Halorhodospira_halophila

0.655603

Roseovarius_indicus