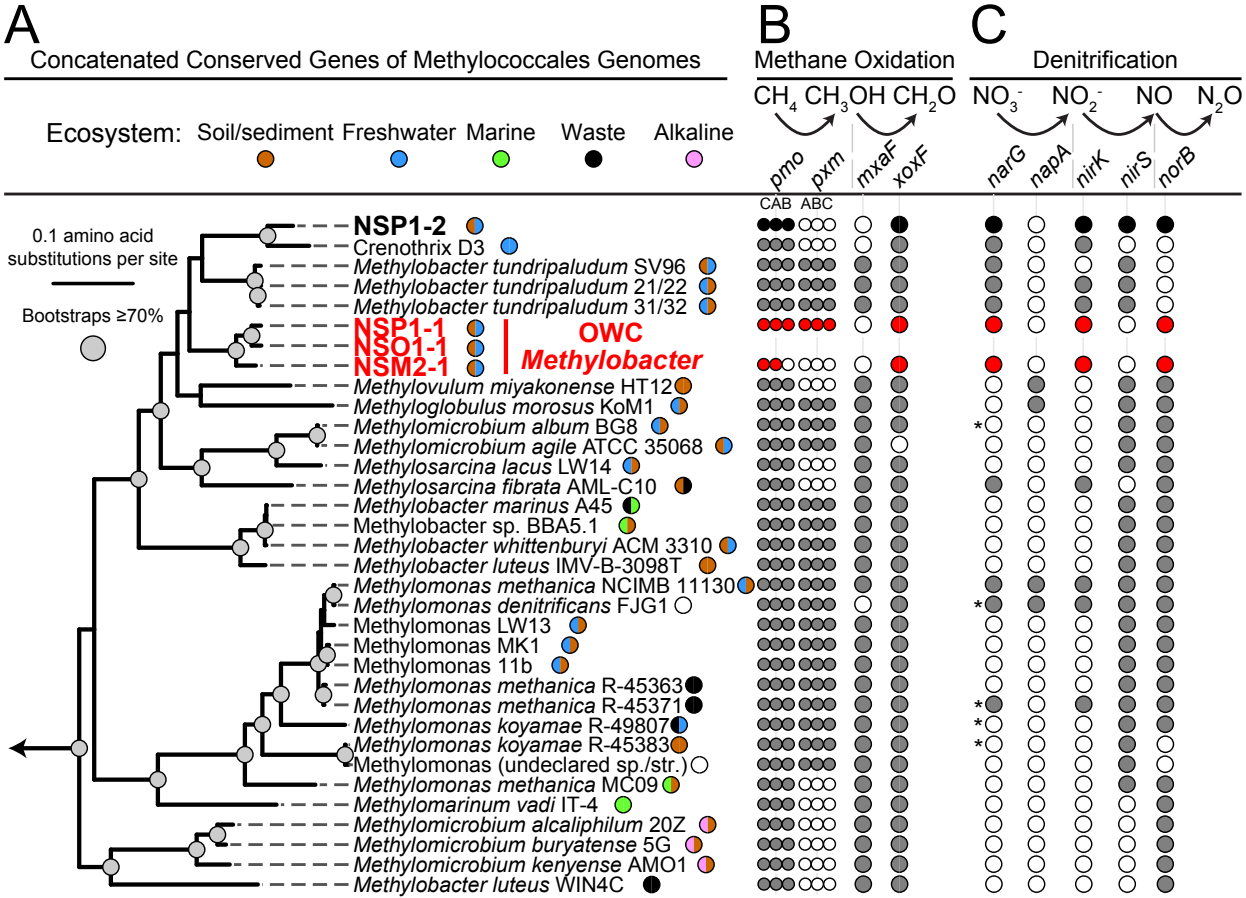
A
Concatenated Conserved Genes of Methylococcales Genomes
B
Methane Oxidation
C
Denitrification
Ecosystem: Soil/sediment Freshwater Marine Waste Alkaline
CH4 CH3OH CH2O
NO3- NO2- NO N2O
pmo pxm mxaF xoxF
CAB ABC
narG napA nirK nirS norB
0.1 amino acid substitutions per site
Bootstraps ≥70%
NSP1-2
Crenothrix D3
Methylobacter tundripaludum SV96
Methylobacter tundripaludum 21/22
Methylobacter tundripaludum 31/32
NSP1-1
NSO1-1
NSM2-1
OWC
Methylobacter
Methylovulum miyakonense HT12
Methyloglobulus morosus KoM1
Methylomicrobium album BG8
Methylomicrobium agile ATCC 35068
Methylosarcina lacus LW14
Methylosarcina fibrata AML-C10
Methylobacter marinus A45
Methylobacter sp. BBA5.1
Methylobacter whittenburyi ACM 3310
Methylobacter luteus IMV-B-3098T
Methylomonas methanica NCIMB 11130
Methylomonas denitrificans FJG1
Methylomonas LW13
Methylomonas MK1
Methylomonas 11b
Methylomonas methanica R-45363
Methylomonas methanica R-45371
Methylomonas koyamae R-49807
Methylomonas koyamae R-45383
Methylomonas (undeclared sp./str.)
Methylomonas methanica MC09
Methylomarinum vadi IT-4
Methylomicrobium alcaliphilum 20Z
Methylomicrobium buryatense 5G
Methylomicrobium kenyense AMO1
Methylobacter luteus WIN4C