DPANN in Lake Tanganyika
C1 METABOLISM
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CARBON FIXATION
DSR
HYDROGEN
HYDROGEN
METHANE
NITROGEN
NITROGEN
OXYGEN
SULFUR
Thiosulfate oxidation
UREA
Formaldehyde oxidation
Formate oxidation
CBB cycle − Rubisco
sulfite reduction
FeFeHydrogenase
NiFe Hydrogenase
particulate methane oxidation
nitrate reduction
nitric oxide reduction
Oxygen metabolism − cytochrome c oxidase, caa3−type
sulfur oxidation
core genes
Urease
K_DeepCast_250m_m1_172
M_DeepCast_50m_m2_169
M_DeepCast_400m_m2_303
M_DeepCast_400m_m2_082
K_DeepCast_100m_m1_149
M_DeepCast_65m_mx_140
M_DeepCast_50m_m2_156
M_DeepCast_65m_m2_091
M_DeepCast_400m_m2_277
CP Aenigmarchaeota
CP Pacearchaeota
CP Parvarchaeota
Diapherotrites
Woesearchaeota
MAG
fae
fdhA
dsrC
FeFeHydrogenase
Hydrogenase_Group_3b
Hydrogenase_Group_3d
pmoC
narG
nitric_oxide_reductase_norB
nitric−oxide−reductase−norC
coxB
sulfur_dioxygenase_sdo
soxD
ureC
Genes
Nb.of.genes
2.00
1.75
1.50
1.25
1.00