

P--ACTINOBACTERIA
P--FIRMICUTES
P--NITROSPIRAE
P--PROTEOBACTERIA

A:c--Nitrospira
B:o--Nitrospirales
C:f--Nitrospiraceae
D:g--unidentified Nitrospiraceae
E:c--Deltaproteobacteria
F:c--Betaproteobacteria
G:o--Burkholderiales
H:f--Comamonadaceae
I:o--Nitrosomonadales
J:f--Nitrosomonadaceae
K:g--unidentified Nitrosomonadaceae
L:c--Gammaproteobacteria
M:o--Xanthomonadales
N:c--Alphaproteobacteria
O:o--Sphingomonadales
P:o--Rhodospirillales
Q:f--Rhodospirillaceae
R:g--unidentified Rhodospirillaceae
S:o--Rhizobiales
T:f--Bradyrhizobiaceae
U:g--Bradyrhizobium
V:f--Xanthobacteraceae
W:c--Thermoleophilia
X:c--unidentified Actinobacteria
Y:o--Micrococcales
Z:f--Micrococcaceae
a:g--Arthrobacter
b:c--Bacilli
c:o--Bacillales
d:c--Clostridia
e:o--Clostridiales
f:o--Clostridiales

