## Pedosphaerales

Opitutales

Nannocystales Bacillales Chthoniobacterales Haliangiales Verrucomicrobiales Polyangiales Verrucomicrobiales		
Longimicrobiales Myxococcota Methylomirabilia Planctomycetota Chloroflexales  Wethylomirabilia Planctomycetota Chloroflexales  Verrucomicrobiota Saccharimonadales		
Pyrinomonadales Gemmatimonadetes Methylomirabilota Saccharimonadia ChloroflexiKtedonobacteria Ktedonobacteria ChloroflexiKtedonobacteria ChloroflexiKtedonob		
Acidobacteriales  Vicinamibacteria  Vicinamibacteria  Vicinamibacteria  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Acidobacteriae  Deinococcota  Deinococcota  Deinococcota		
Solibacterales Solirubrobacterales Acidimicrobiia Solirubrobacterales Thermoleophilia Actinobacteriota  Microtrichales Acidimicrobiia Vampirovibrionales Bdellovibrionales Bdellovibrionales Bdellovibrionales		
Gaiellales Bacteroidota Steroidobacterales Cellvibrionales		Nodes
Corynebacteriales  Micromonosporales  Proteobacteria  Xanthomonadales  Campagnetacia	1.0	
Streptomycetales  Propionibacteriales  Reyranellales  Azospirillales	37.3	
Actinobacteria  Streptosporangiales  Frankiales  Pseudonocardiales  Actinobacteria  Caulobacterales Sphingomonadales Burkholderiales  Alphaproteobacteria  Pseudonocardiales  Alphaproteobacteria  Rhizobiales	126.0	
Pseudonocardiales	266.0	
Micrococcales  Flavobacteriales  Chitinophagales  Acceptables	459.0	
Cytophagales  Cytophagales  Micropepsales  Sphingobacteriales	703.0	
5p9-2235/3/16/165	1000.0	