First guess -
Just count
the 1s

Tree tip labels (with handwritten annotations):

- Natronomonas_pharaonis
- Methanosarcina_barkeri
- Methanosarcina_acetivorans
- Zymomonas_mobilis
- Cereibacter_sphaeroides
- Ketogulonicigenium_vulgare
- Methylorubrum_extorquens
- Acinetobacter_baylyi
- Acinetobacter_baumannii
- Pseudomonas_aeruginosa
- Pseudomonas_putida
- Francisella_tularensis
- Mannheimia_succiniciproducens 7
- Haemophilus_influenzae 7
- Alteromonas_macleodii 0
- Shewanella_oneidensis 5
- Xanthomonas_campestris 7
- Buchnera_aphidicola 7
- Yersinia_pestis 8
- Escherichia_coli 7
- Salmonella_enterica 7
- Klebsiella_pneumoniae 8
- Vibrio_vulnificus
- Chromohalobacter_salexigens
- Burkholderia_cenocepacia
- Cupriavidus_necator
- Rhodoferax_ferrireducens
- Neisseria_meningitidis
- Geobacter_metallireducens
- Geobacter_sulfurreducens

Phylogenetic tree with the following taxa:

- Natronomonas_pharaonis
- Methanosarcina_barkeri
- Methanosarcina_acetivorans
- Zymomonas_mobilis
- Cereibacter_sphaeroides
- Ketogulonicigenium_vulgare
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- Neisseria_meningitidis
- Geobacter_metallireducens
- Geobacter_sulfurreducens

Internal labels: Gamma-proteobacteria, Pseudomonadales, Pseudomonadaceae, Pseudomonas, Pseudomonas aeruginosa group, Pseudomonas putida group, Alteromonadales, Alteromonadaceae, Alteromonas, Alteromonas/Salinimonas group, Shewanellaceae, Shewanella, Enterobacterales, Enterobacteriaceae, Escherichia, Salmonella