

## Cladogram

a: \_Melainabacteriales\_

b: \_Melainabacteria\_ c: Methanobacteriales

d: Methanobacteriae: Bacillalesf: Erysipelotrichales

g: Erysipelotrichia h: Selenomonadales i: Negativicutes j: unclassified k: unclassified l: RF32

m: Desulfovibrionales n: Deltaproteobacteria o: Enterobacteriales p: unclassified q: unclassified









































