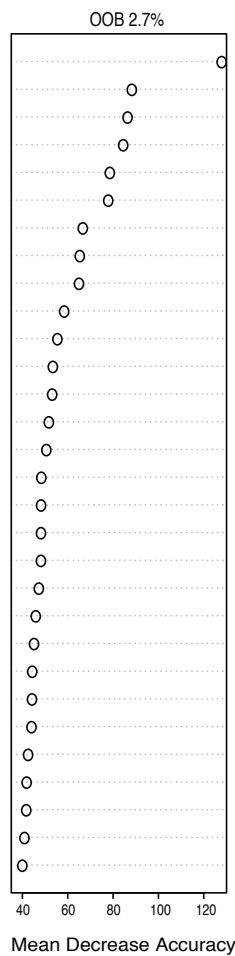


a

ASV109. Firmicutes Clostridium
 ASV17. Actinobacteria Collinsella
 ASV1. Firmicutes Megasphaera
 ASV121 Firmicutes Lactobacillus
 ASV68. Actinobacteria Bifidobacterium
 ASV100. Firmicutes Acidaminococcus
 ASV56. Bacteroidetes Bacteroides
 ASV679. Firmicutes Enterococcus
 ASV7. Proteobacteria Escherichia
 ASV2810. Bacteroidetes Bacteroides
 ASV127. Actinobacteria Bifidobacterium
 ASV382. Firmicutes Mitsuokella
 ASV1001. Firmicutes Bacillus
 ASV238. Firmicutes Mitsuokella
 ASV8. Firmicutes Phascolarctobacterium
 ASV2192. Firmicutes Clostridium
 ASV234. Firmicutes Sharpea
 ASV180. Actinobacteria Coriobacteriaceae_
 ASV219. Firmicutes Lactobacillus
 ASV122. Firmicutes Acidaminococcus
 ASV194. Firmicutes Lactobacillus
 ASV450. Firmicutes Sharpea
 ASV663. Firmicutes Dialister
 ASV5. Firmicutes Lactobacillus
 ASV1003. Firmicutes Bacillaceae_
 ASV164. Actinobacteria Bifidobacterium
 ASV427. Firmicutes Mitsuokella
 ASV95. Firmicutes Streptococcus
 ASV3. Bacteroidetes Prevotella
 ASV1002. Firmicutes Bacillus

Red: Aerobic_preferred
 Black: Anaerobic_preferred



b

ASV95. Firmicutes Streptococcus
 ASV100. Firmicutes Acidaminococcus
 ASV7. Proteobacteria Escherichia
 ASV5. Firmicutes Lactobacillus
 ASV1001. Firmicutes Bacillus
 ASV249. Firmicutes Lactobacillus
 ASV1002. Firmicutes Bacillus
 ASV109. Firmicutes Clostridium
 ASV1. Firmicutes Megasphaera
 ASV454. Firmicutes Lactobacillus
 ASV1003. Firmicutes Bacillaceae_
 ASV1004. Firmicutes Bacillus
 ASV1008. Firmicutes Bacillales_
 ASV17. Actinobacteria Collinsella
 ASV131. Firmicutes Lactobacillus
 ASV2. Firmicutes Streptococcus
 ASV848. Firmicutes Lactobacillus
 ASV70. Firmicutes Lactobacillus
 ASV122. Firmicutes Acidaminococcus
 ASV68. Actinobacteria Bifidobacterium
 ASV187. Firmicutes Lactobacillus
 ASV238. Firmicutes Mitsuokella
 ASV234. Firmicutes Sharpea
 ASV79. Firmicutes Mitsuokella
 ASV428. Firmicutes Enterococcus
 ASV127. Actinobacteria Bifidobacterium
 ASV1006. Firmicutes Bacillus
 ASV67. Firmicutes Mitsuokella
 ASV1007. Proteobacteria Aggregatibacter
 ASV1005. Firmicutes Planococcaceae_

