[Ruminococcus] gauvreauii group [Eubacterium] ruminantium group Erysipelotrichaceae UCG-003 JCG-002 Parabacteroides Marvinbryantia [Eubacterium] hallii group [Eubacterium] xylanophilum group Roseburia Christensenellaceae R-7 group Terrisporobacter Ruminococcus Butyricicoccus CAG-56

Phascolarctobacterium Fusicatenibacter Blautia Dorea Lachnospirace
Subdoligranulum Lachnospiraceae UCG-004 G<sub>−003</sub> Lachnospira Lachnoclostridium f\_Butyricicoccaceae Monoglobus Bacteroides Coprococcus

Alistipes Romboutsia Agathobacter [Ruminococcus] torques group Clostridium sensu stricto 1 Anaerostipes Lachnospiraceae NK4A136 group

Lachnospiraceae ND3007 group

f\_[Eubacterium] coprostanoligenes group

