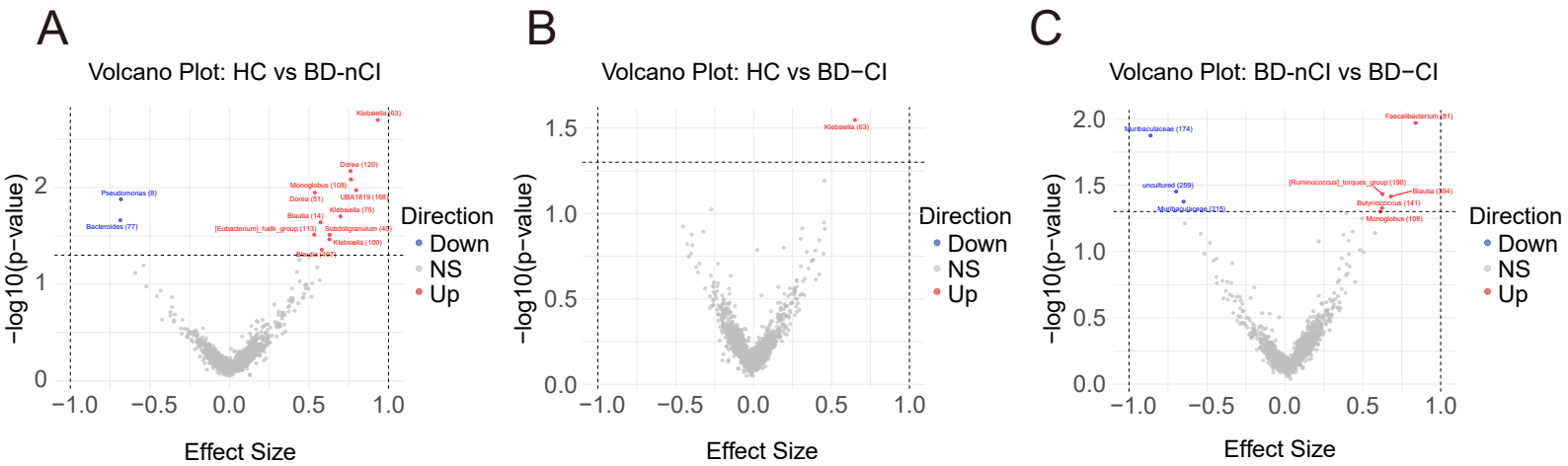
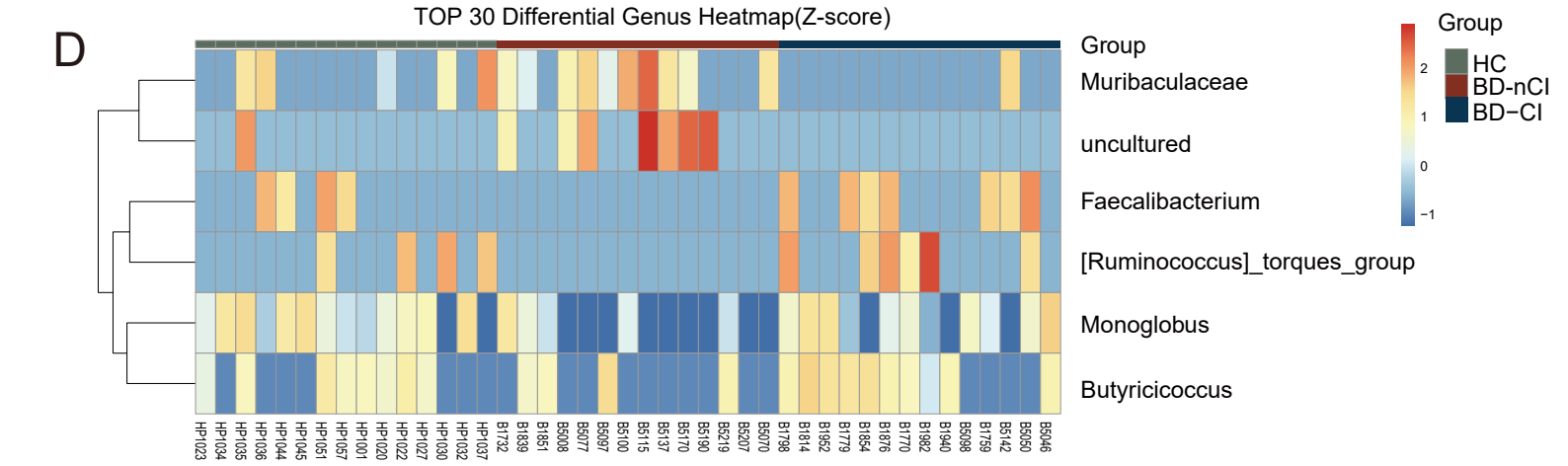
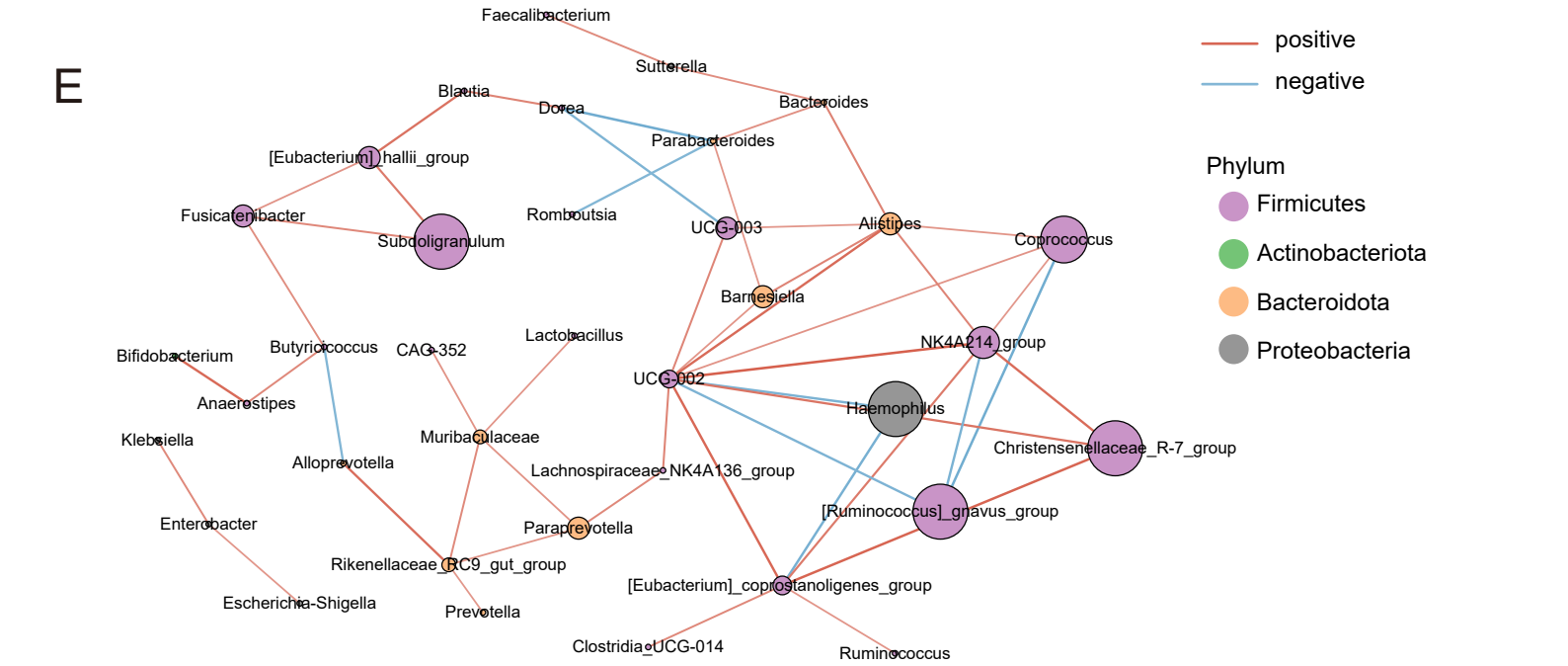
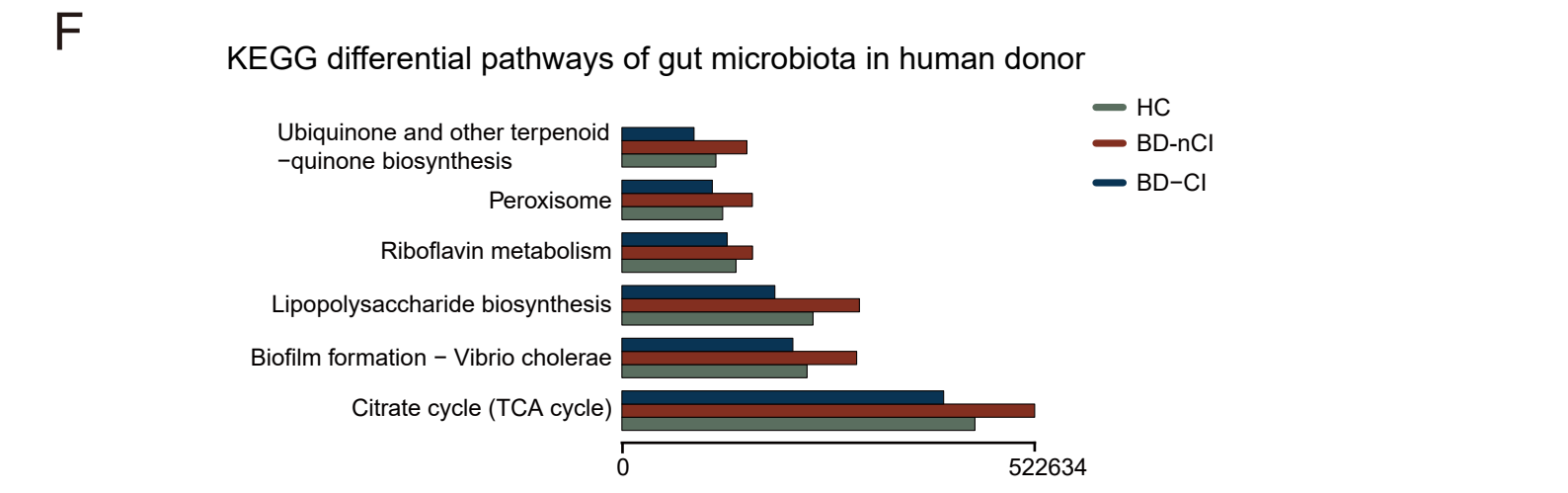

A
Volcano Plot: HC vs BD-nCI
B
Volcano Plot: HC vs BD−CI
C
Volcano Plot: BD-nCI vs BD−CI
−log10(p−value)
Effect Size
Direction
Down
NS
Up


D
TOP 30 Differential Genus Heatmap(Z-score)
Group
Muribaculaceae
uncultured
Faecalibacterium
[Ruminococcus]_torques_group
Monoglobus
Butyricicoccus
HC
BD-nCI
BD−CI


E
positive
negative
Phylum
Firmicutes
Actinobacteriota
Bacteroidota
Proteobacteria
Faecalibacterium
Sutterella
Blautia
Dorea
Bacteroides
Parabacteroides
[Eubacterium]_hallii_group
Fusicatenibacter
Subdoligranulum
Romboutsia
UCG-003
Alistipes
Coprococcus
Barnesiella
Bifidobacterium
Butyricicoccus
CAG-352
Lactobacillus
NK4A214_group
UCG-002
Haemophilus
Anaerostipes
Klebsiella
Muribaculaceae
Christensenellaceae_R-7_group
Alloprevotella
Lachnospiraceae_NK4A136_group
[Ruminococcus]_gnavus_group
Enterobacter
Paraprevotella
Rikenellaceae_RC9_gut_group
[Eubacterium]_coprostanoligenes_group
Escherichia-Shigella
Prevotella
Clostridia_UCG-014
Ruminococcus


F
KEGG differential pathways of gut microbiota in human donor
Ubiquinone and other terpenoid −quinone biosynthesis
Peroxisome
Riboflavin metabolism
Lipopolysaccharide biosynthesis
Biofilm formation − Vibrio cholerae
Citrate cycle (TCA cycle)
HC
BD-nCI
BD−CI
0
522634