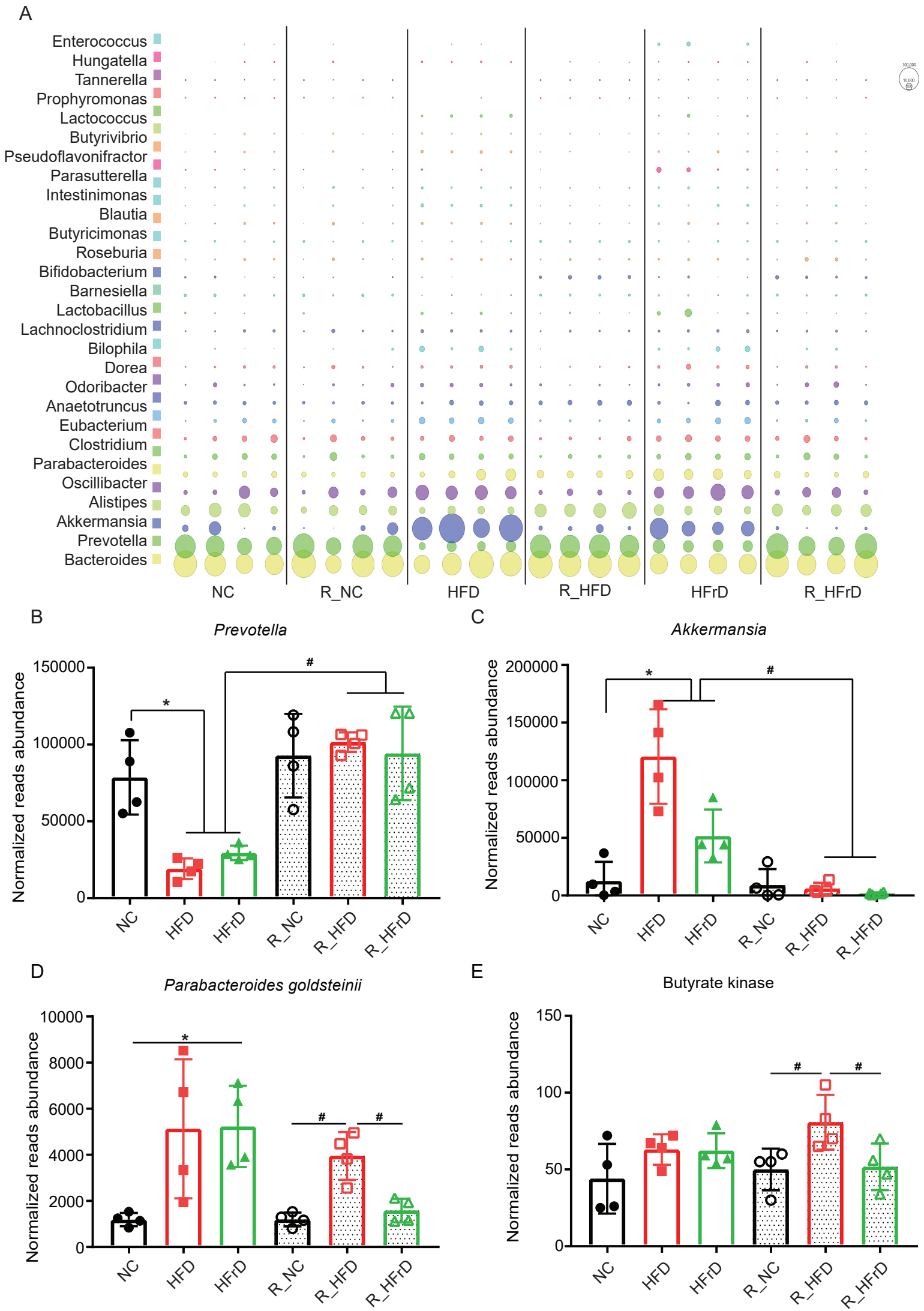
Figure S4


A
Enterococcus
Hungatella
Tannerella
Prophyromonas
Lactococcus
Butyrivibrio
Pseudoflavonifractor
Parasutterella
Intestinimonas
Blautia
Butyricimonas
Roseburia
Bifidobacterium
Barnesiella
Lactobacillus
Lachnoclostridium
Bilophila
Dorea
Odoribacter
Anaetotruncus
Eubacterium
Clostridium
Parabacteroides
Oscillibacter
Alistipes
Akkermansia
Prevotella
Bacteroides
NC
R_NC
HFD
R_HFD
HFrD
R_HFrD
B
Prevotella
Normalized reads abundance
150000
100000
50000
0
*
#
NC
HFD
HFrD
R_NC
R_HFD
R_HFrD
C
Akkermansia
Normalized reads abundance
200000
150000
100000
50000
0
*
#
NC
HFD
HFrD
R_NC
R_HFD
R_HFrD
D
Parabacteroides goldsteinii
Normalized reads abundance
10000
8000
6000
4000
2000
0
*
#
#
NC
HFD
HFrD
R_NC
R_HFD
R_HFrD
E
Butyrate kinase
Normalized reads abundance
150
100
50
0
#
#
NC
HFD
HFrD
R_NC
R_HFD
R_HFrD