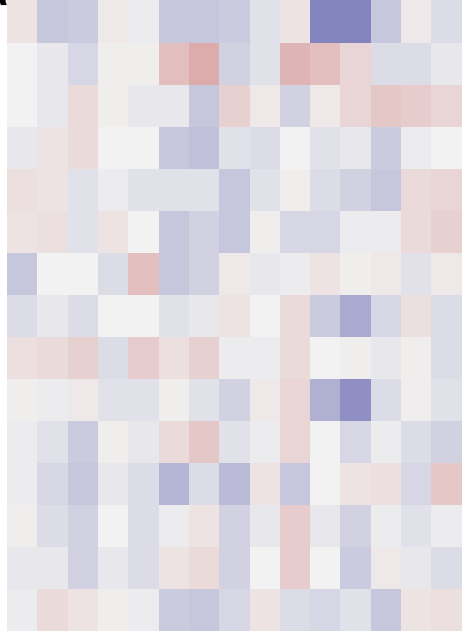
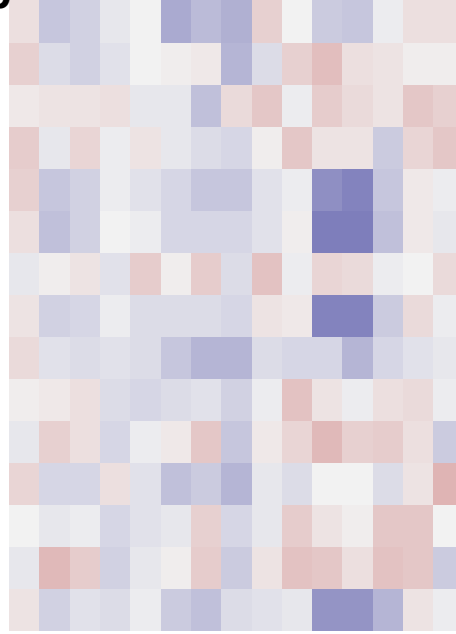


**a**

ASV\_CVL\_V3

**b**

ASV\_CVL\_V2

**c**

ASV\_tissue\_V3



BC01\_Bifidobacterium  
 BC02\_Mycoplasma  
 BC03\_Lactobacillus.spp  
 BC04\_Escherichia.sp  
 BC05\_Other1  
 BC06\_Other2  
 BC07\_Corynebacterium.spp  
 BC08\_Other3  
 BC09\_Ureaplasma.sp  
 BC10\_Campylobacter  
 BC11\_Mobiluncus\_BVAB  
 BC12\_Faecalibacterium  
 BC13\_Dialister  
 BC14\_P.timonesis  
 BC15\_T.scotoductus

age  
 Count\_CD4\_v2  
 Count\_CD4\_v3  
 Plasma\_S\_Prog\_ng\_mL\_v3  
 Plasma\_S\_Estradiol\_pg\_mL\_v3  
 Conc\_T4\_v2  
 Conc\_T3\_v2  
 Conc\_Progesteron\_v2  
 Conc\_Estradiol\_v2  
 Conc\_Cortisol\_v2  
 Freq\_CD4\_v2  
 Freq\_CD4\_v3  
 Freq\_Lympho\_v2  
 Freq\_Lympho\_v3  
 visit\_clients7days\_v2

age  
 Count\_CD4\_v2  
 Count\_CD4\_v3  
 Plasma\_S\_Prog\_ng\_mL\_v3  
 Plasma\_S\_Estradiol\_pg\_mL\_v3  
 Conc\_T4\_v2  
 Conc\_T3\_v2  
 Conc\_Progesteron\_v2  
 Conc\_Estradiol\_v2  
 Conc\_Cortisol\_v2  
 Freq\_CD4\_v2  
 Freq\_CD4\_v3  
 Freq\_Lympho\_v2  
 Freq\_Lympho\_v3  
 visit\_clients7days\_v2

age  
 Count\_CD4\_v2  
 Count\_CD4\_v3  
 Plasma\_S\_Prog\_ng\_mL\_v3  
 Plasma\_S\_Estradiol\_pg\_mL\_v3  
 Conc\_T4\_v2  
 Conc\_T3\_v2  
 Conc\_Progesteron\_v2  
 Conc\_Estradiol\_v2  
 Conc\_Cortisol\_v2  
 Freq\_CD4\_v2  
 Freq\_CD4\_v3  
 Freq\_Lympho\_v2  
 Freq\_Lympho\_v3  
 visit\_clients7days\_v2