

OTU (N = 85)

Jax Ctrl

Env Ctrl

Cohoused

Family

J1

J2

J5

J6

E1

E2

E5

E6

E3

E4

E7

E8

J3

J4

J7

J8

Mouse

Relative Abundance

-6 -5 -4 -3 -2 -1

- Akkermansiaceae
- Anaeroplasmataceae
- Bacteroidaceae
- Bifidobacteriaceae
- Chloroplast
- Clostridiaceae\_2
- Deferribacteraceae
- Enterobacteriaceae
- Erysipelotrichaceae
- Eubacteriaceae
- Lachnospiraceae
- Lactobacillaceae
- Muribaculaceae
- Pasteurellaceae
- Planococcaceae
- Prevotellaceae
- Rikenellaceae
- Ruminococcaceae
- Sphingobacteriaceae
- Streptococcaceae