

Figure 1S

A

Chronic social defeat (SD) model

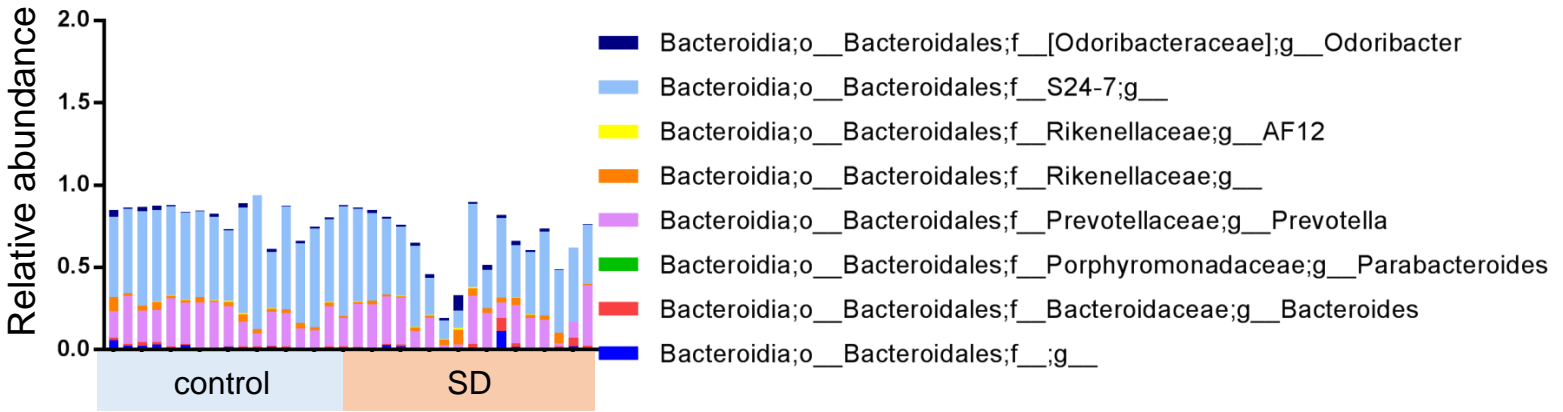
Young intruder

Retired breeder
ICR mouse
Dominant resident



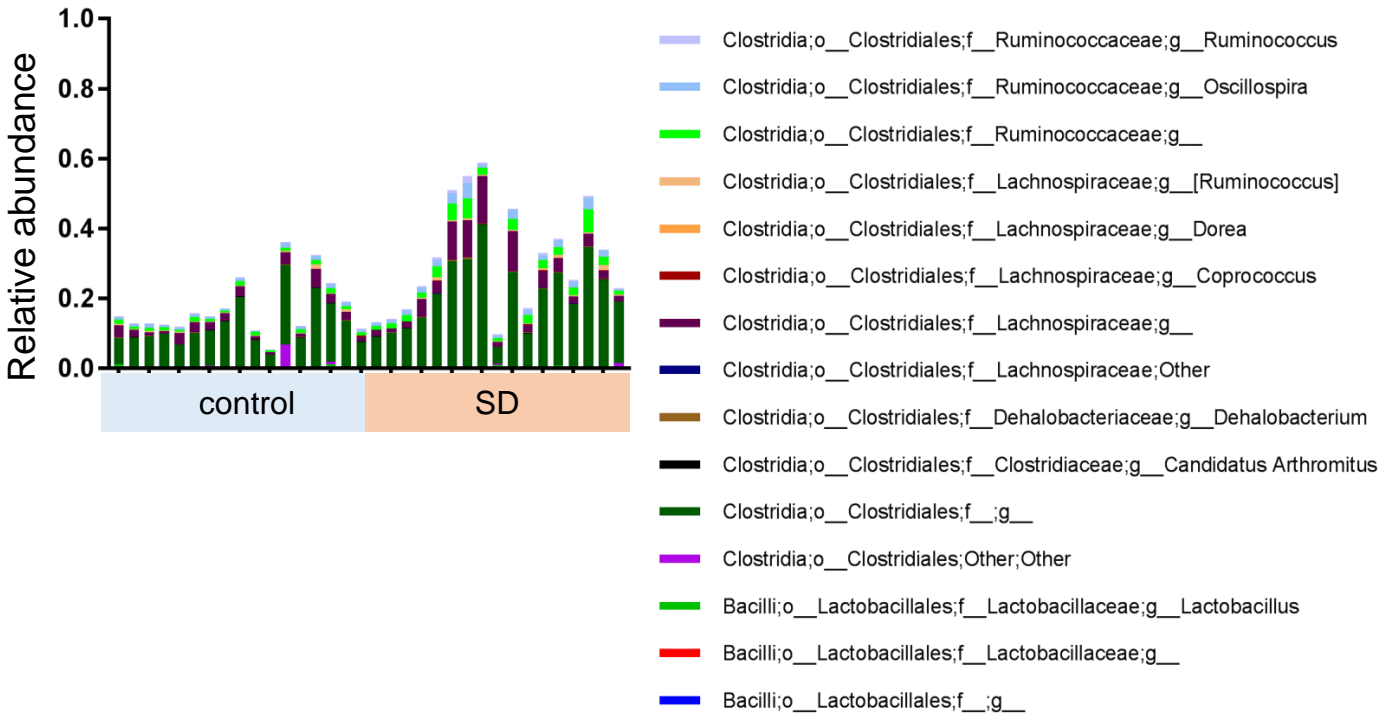
B

Bacteroidetes

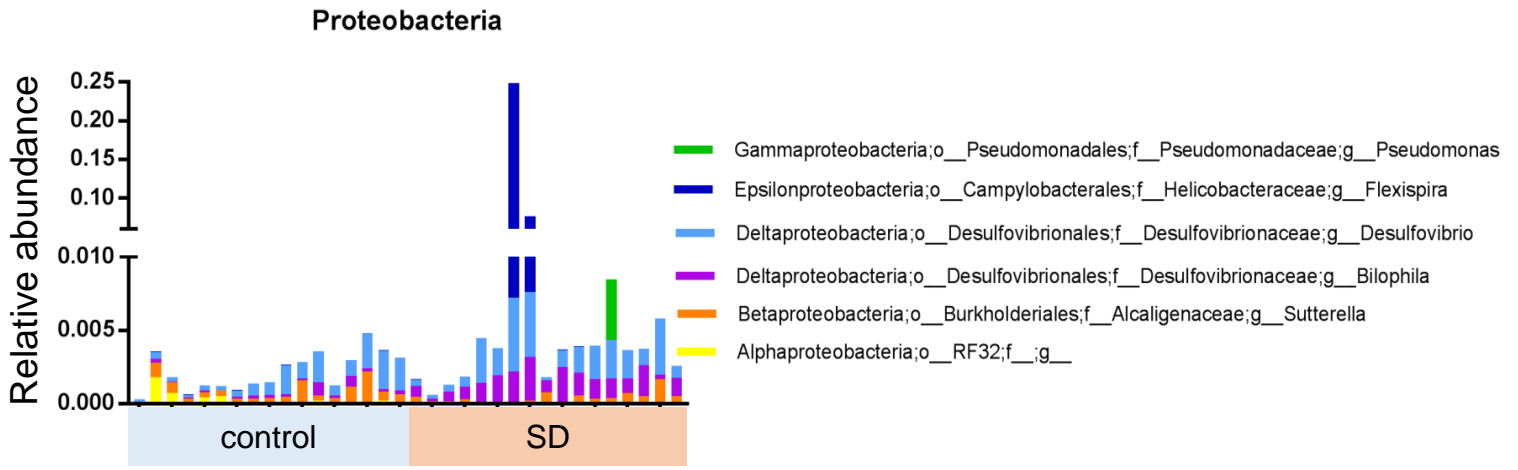


C

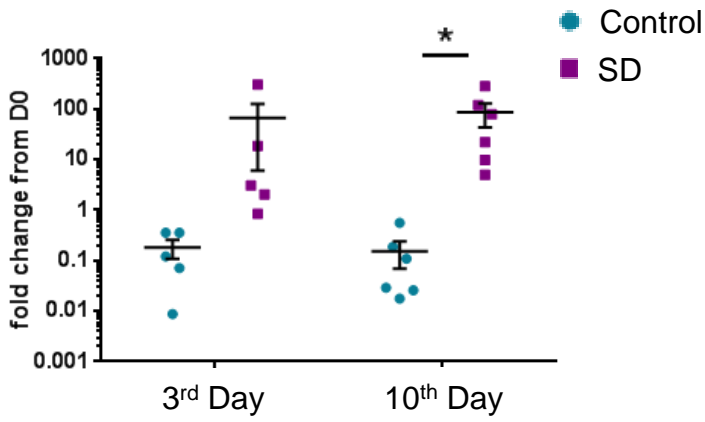
Firmicutes



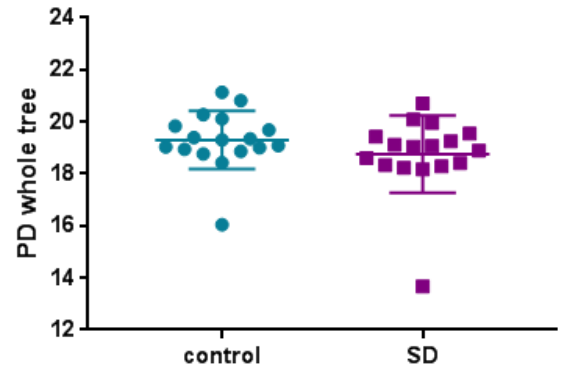
D



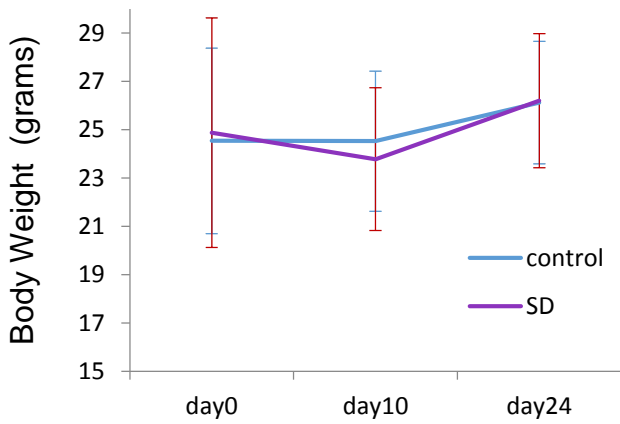
E



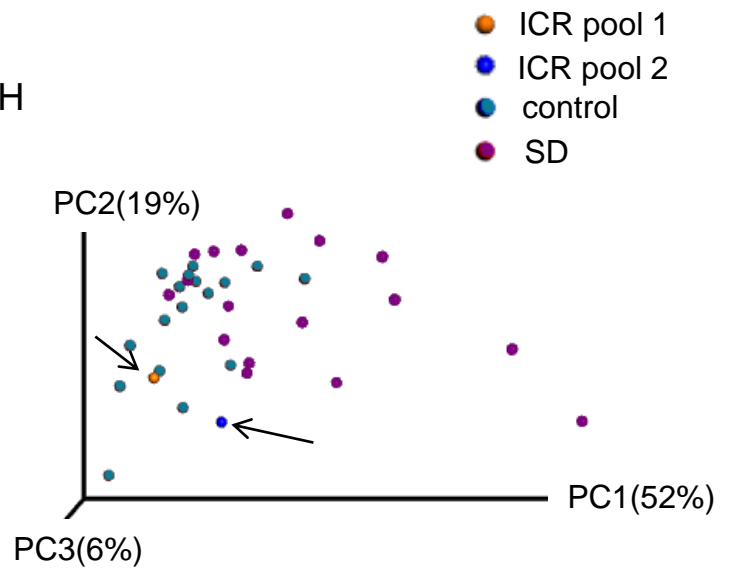
F



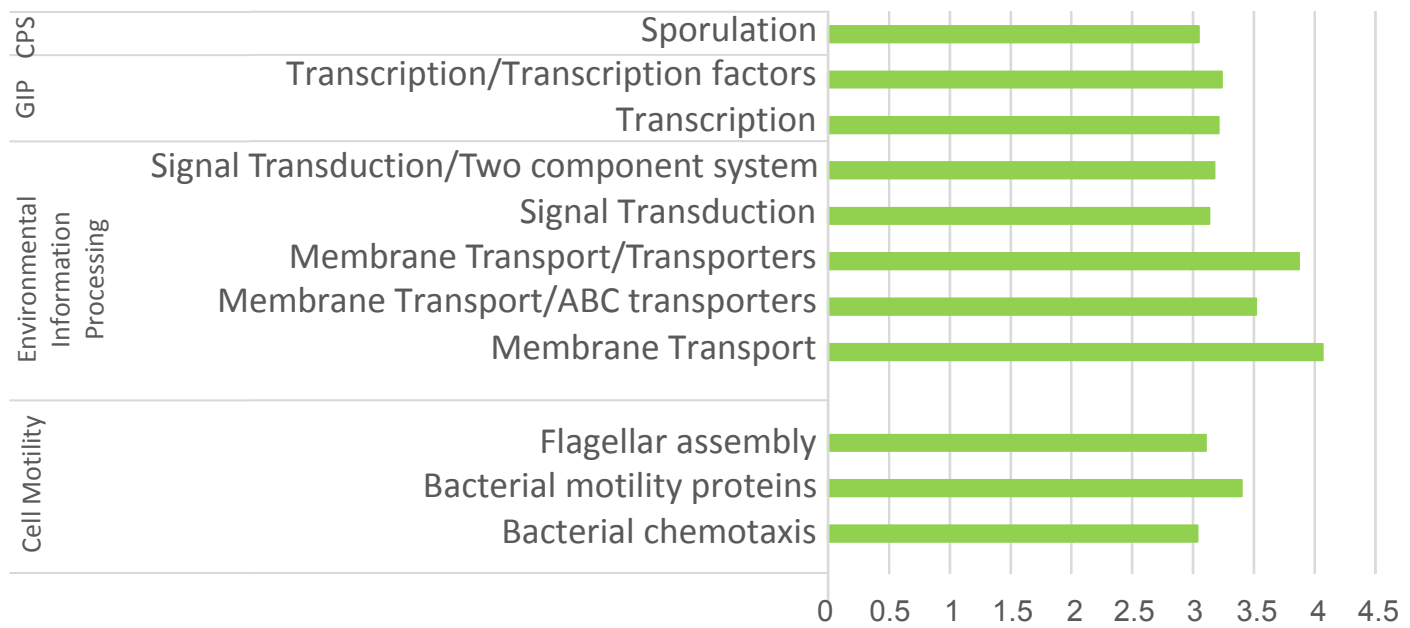
G



H



Computational analyses for the increased bacterial functions following SD (PICRUSt)



J

YALI0B09867p

fhu operon transcription regulator

Transposase putative

Negative regulator of genetic competence sporulation and motility

PF14266 domain protein

9-O-acetyl_N_acetylneuraminate esterase

UPF0297 protein BACPEC_00725

flagellar protein FliS, partial

flagellar biosynthesis protein FliS

chromosomal replication initiator protein DnaA

flagellar hook-associated protein FlgK

Activator of (R)-2-hydroxyglutaryl-CoA dehydratase

DTDP-glucose 4,6-dehydratase (Fragment)

DAK2 domain fusion protein YloV

Cysteine synthase