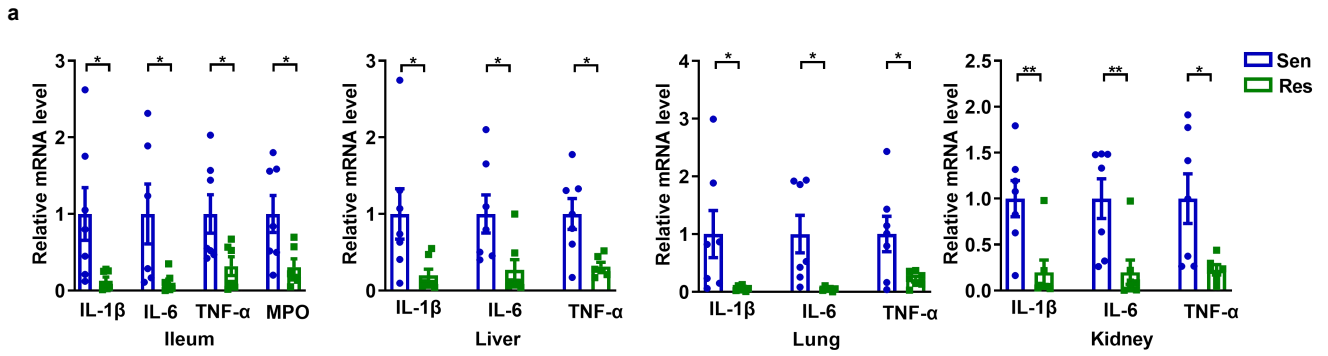
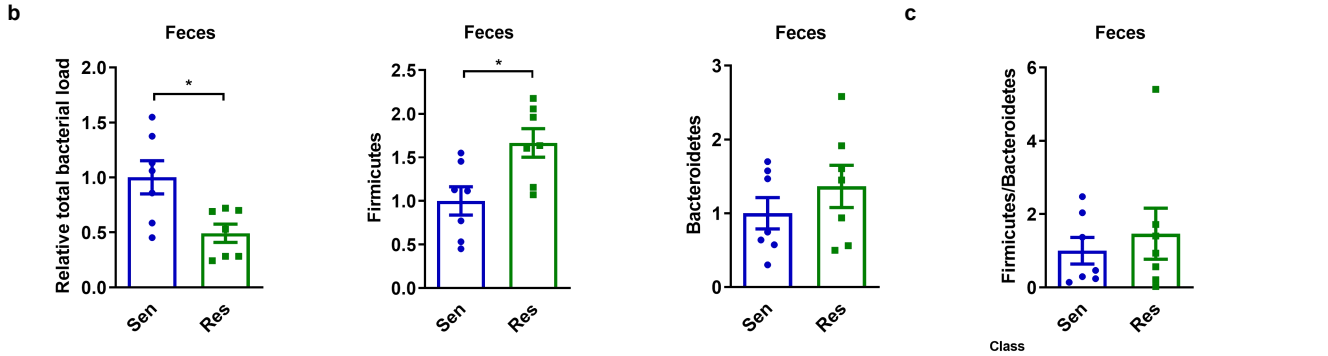
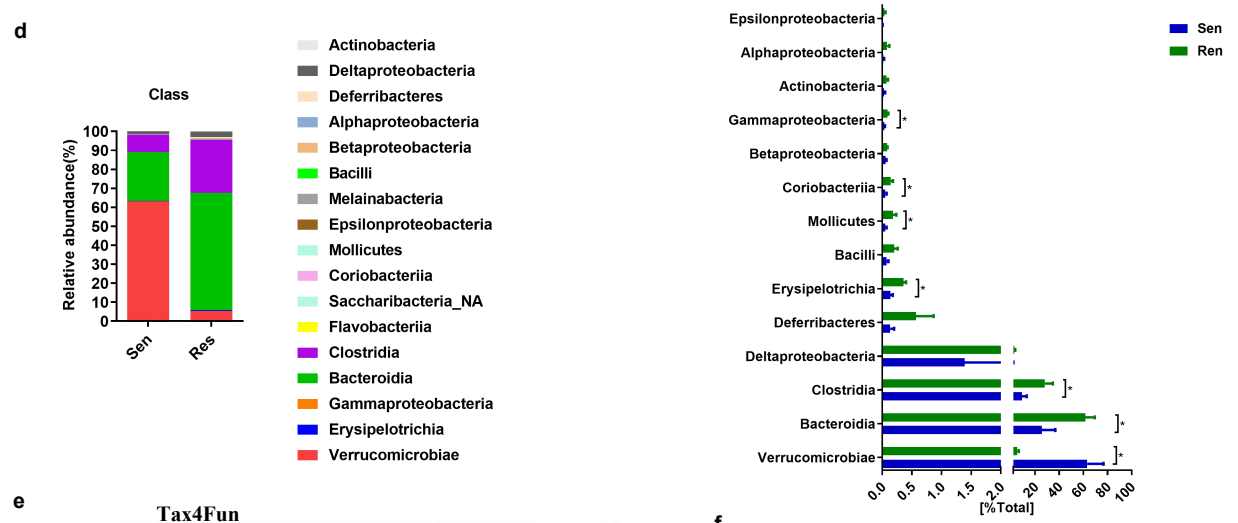
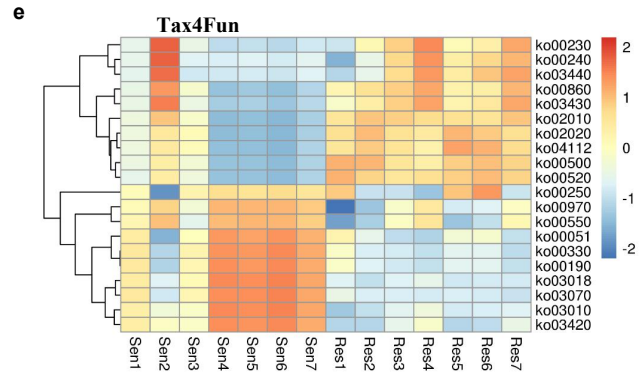
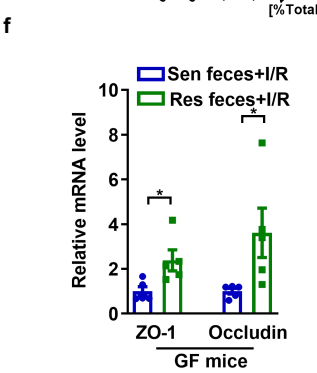
Figure S3

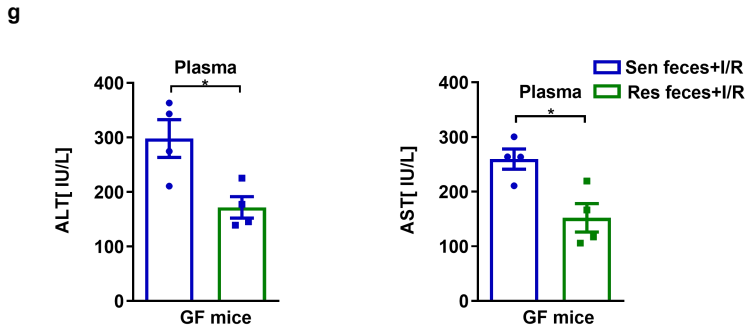

a
Relative mRNA level
IL-1β
IL-6
TNF-α
MPO
Ileum
Liver
Lung
Kidney
Sen
Res


b
Feces
Relative total bacterial load
Firmicutes
Bacteroidetes
Sen
Res
c
Firmicutes/Bacteroidetes
Class


d
Class
Relative abundance(%)
Sen
Res
Actinobacteria
Deltaproteobacteria
Deferribacteres
Alphaproteobacteria
Betaproteobacteria
Bacilli
Melainabacteria
Epsilonproteobacteria
Mollicutes
Coriobacteriia
Saccharibacteria_NA
Flavobacteriia
Clostridia
Bacteroidia
Gammaproteobacteria
Erysipelotrichia
Verrucomicrobiae
Ren
[%Total]


e
Tax4Fun
ko00230
ko00240
ko03440
ko00860
ko03430
ko02010
ko02020
ko04112
ko00500
ko00520
ko00250
ko00970
ko00550
ko00051
ko00330
ko00190
ko03018
ko03070
ko03010
ko03420
Sen1
Sen2
Sen3
Sen4
Sen5
Sen6
Sen7
Res1
Res2
Res3
Res4
Res5
Res6
Res7


f
Sen feces+I/R
Res feces+I/R
Relative mRNA level
ZO-1
Occludin
GF mice


g
Plasma
ALT[IU/L]
AST[IU/L]
GF mice
Sen feces+I/R
Res feces+I/R