A
Vehicle treatment (ddH2O - g.g.)
1 week
Antibiotic treatment (g.g.)
Harvest NAc
RNA isolation and analysis
B
NOD_mPFC myelin gene expresssion (Oral treatment)
mRNA fold change relative to vehicle
n.s
Mag
Mog
Mbp
Plp1
Mobp
Vehicle (g.g.)
Antibiotic (g.g.)
C
NOD_NAc (Oral treatment)
Vehicle (g.g.)
Antibiotic (g.g.)
MBP/DAPI
NAc
% of MBP+ area
Vehicle (g.g.)
Antibiotic (g.g.)
D
Vehicle treatment (ddH2O - s.c.)
1 week
Antibiotic treatment (s.c.)
Harvest mPFC
RNA isolation, RNASeq analysis and qPCR validation
E
NOD_mPFC myelin gene expresssion (subcutaneous treatment)
Vehicle (s.c.)
Antibiotic (s.c.)