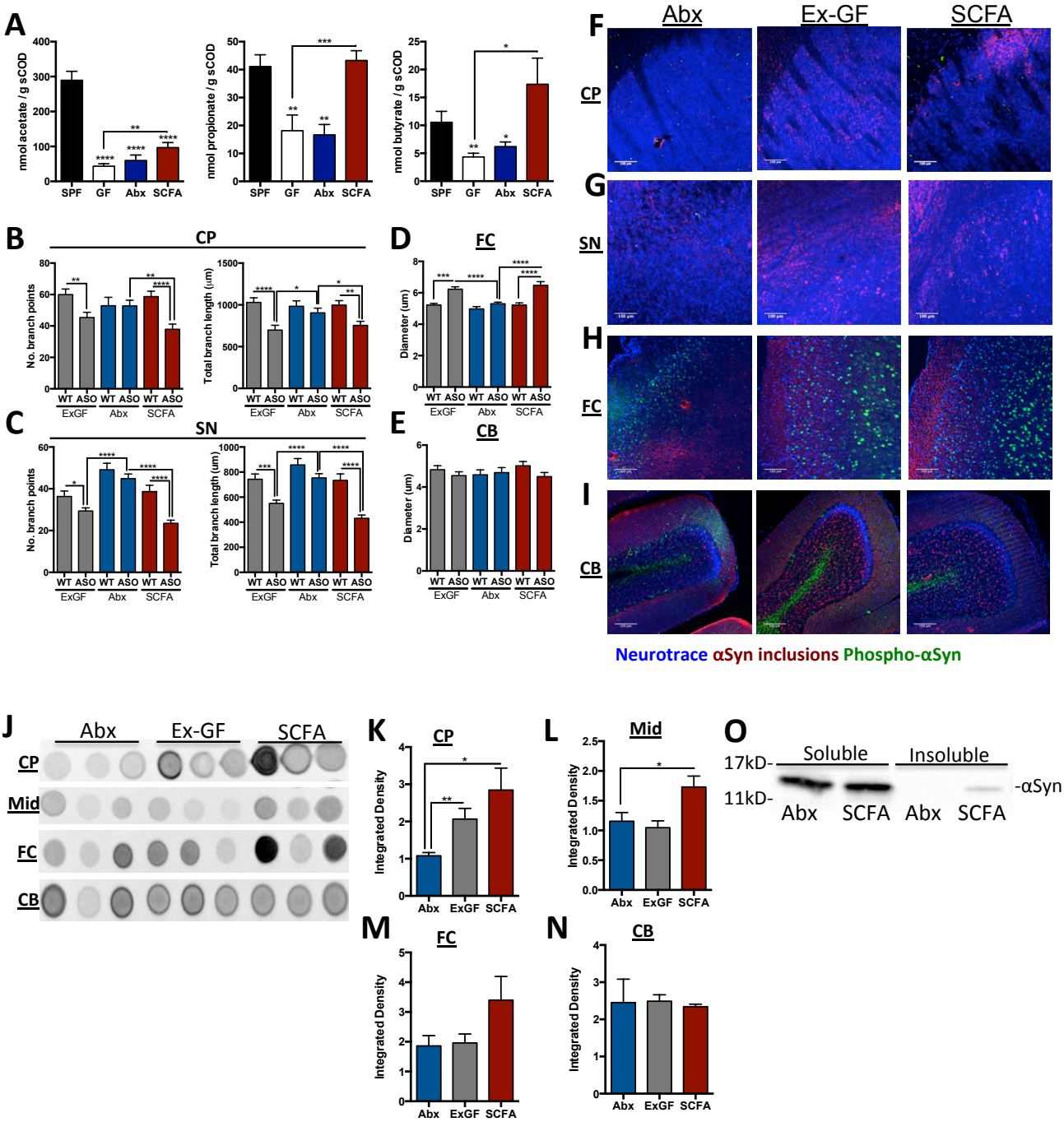
# Figure S3


A
nmol acetate / g sCOD
nmol propionate / g sCOD
nmol butyrate / g sCOD
SPF GF Abx SCFA
B CP
C SN
D FC
E CB
No. branch points
Total branch length (µm)
Diameter (um)
WT ASO WT ASO WT ASO
ExGF Abx SCFA
F G H I
Abx Ex-GF SCFA
CP SN FC CB
Neurotrace αSyn inclusions Phospho-αSyn
J
Abx Ex-GF SCFA
CP Mid FC CB
K CP
L Mid
M FC
N CB
Integrated Density
Abx ExGF SCFA
O
17kD-
11kD-
Soluble Insoluble
Abx SCFA Abx SCFA
-αSyn