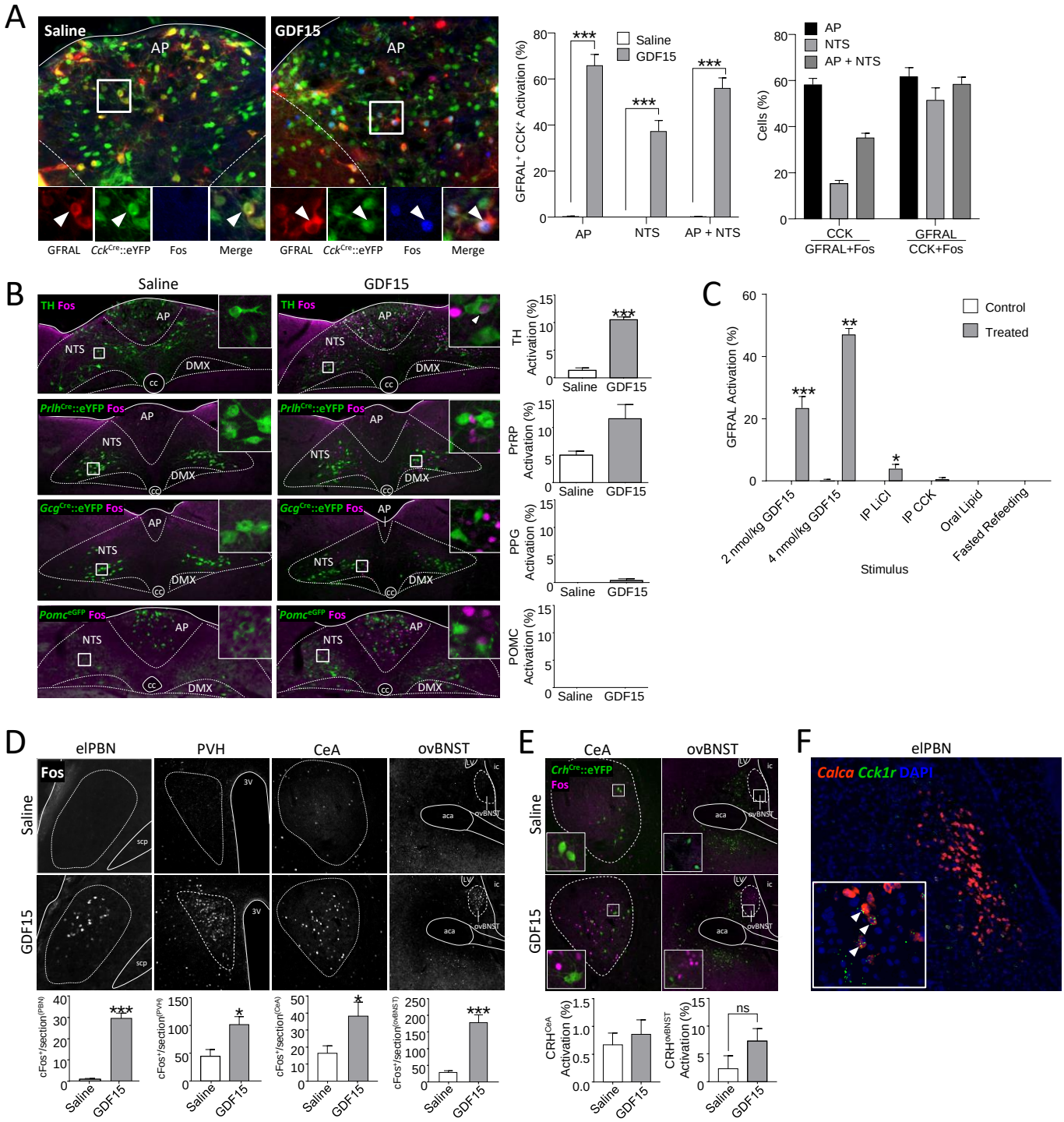
A
Saline
GDF15
AP
GFRAL
Cck^Cre::eYFP
Fos
Merge
GFRAL+ CCK+ Activation (%)
Saline
GDF15
***
AP
NTS
AP + NTS
Cells (%)
CCK
GFRAL+Fos
GFRAL
CCK+Fos
B
Saline
GDF15
TH Fos
Prlh^Cre::eYFP Fos
Gcg^Cre::eYFP Fos
Pomc^eGFP Fos
NTS
DMX
cc
TH Activation (%)
PrRP Activation (%)
PPG Activation (%)
POMC Activation (%)
C
Control
Treated
GFRAL Activation (%)
**
*
2 nmol/kg GDF15
4 nmol/kg GDF15
IP LiCl
IP CCK
Oral Lipid
Fasted Refeeding
Stimulus
D
elPBN
PVH
CeA
ovBNST
Fos
3V
scp
aca
ic
cFos+/section(PBN)
cFos+/section(PVH)
cFos+/section(CeA)
cFos+/section(ovBNST)
E
Crh^Cre::eYFP
CRH^CeA Activation (%)
CRH^ovBNST Activation (%)
ns
F
Calca Cck1r DAPI
G
FG in PVH
H
FG in ovBNST
GFRAL
Fos
FG
Merge