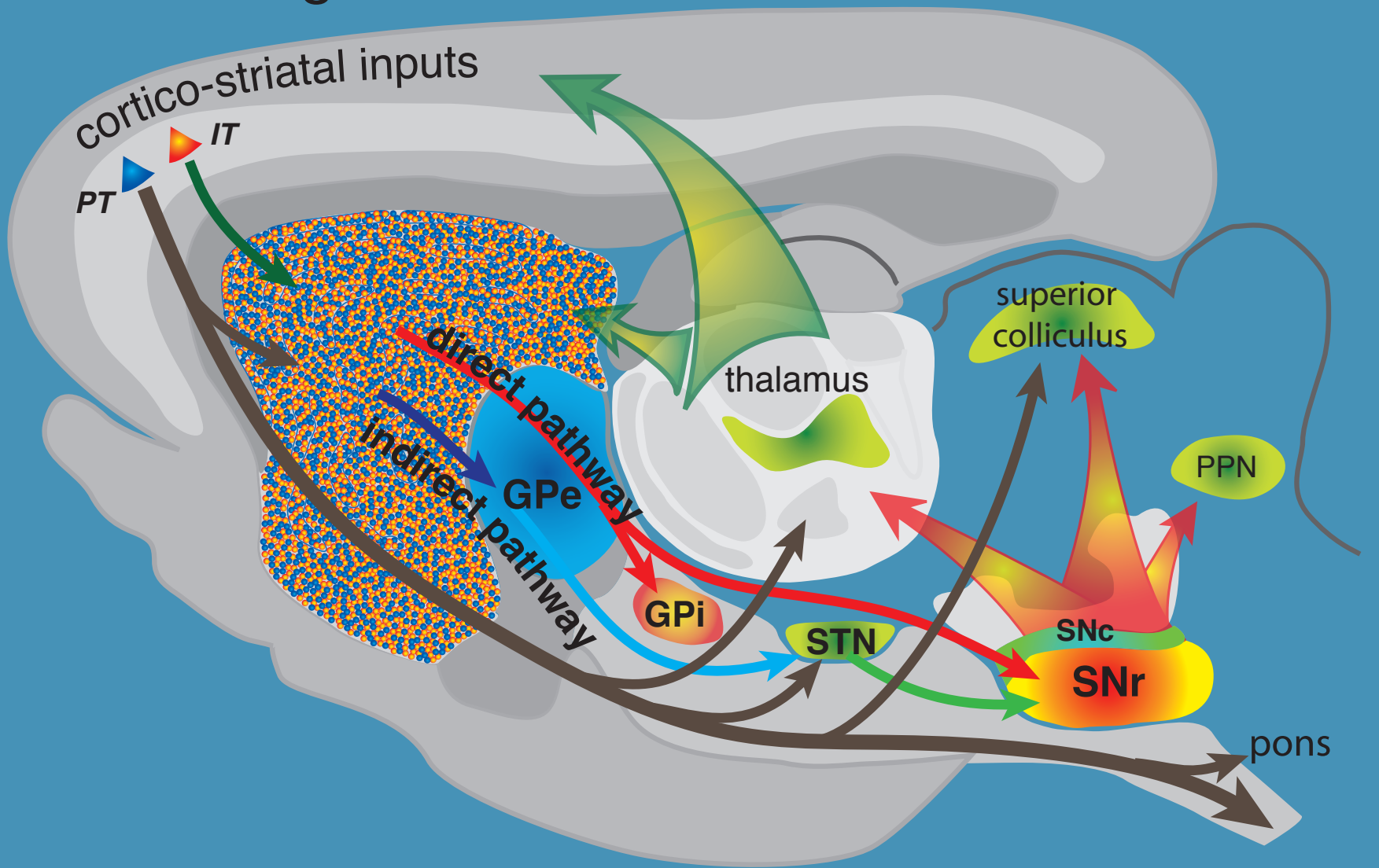
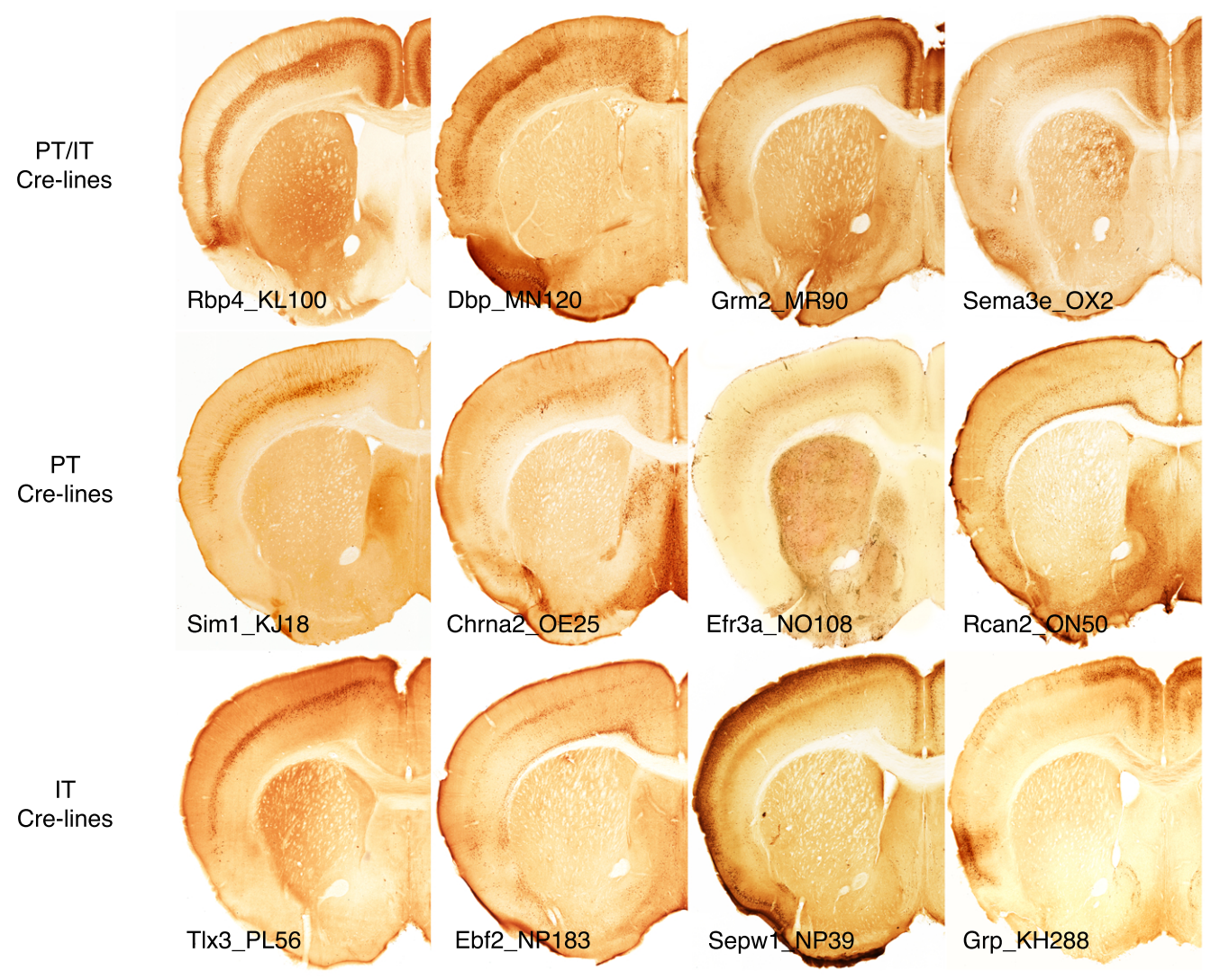
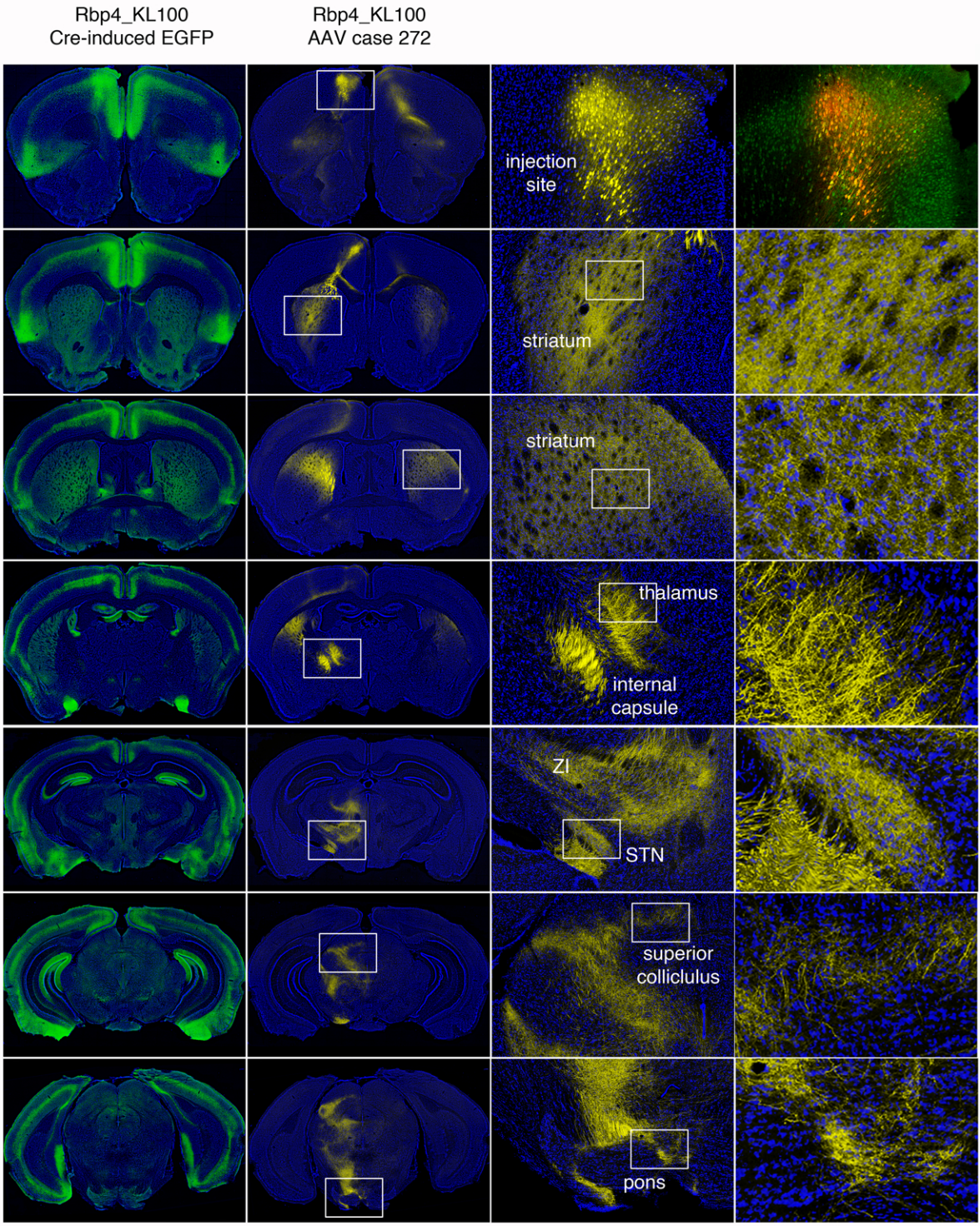
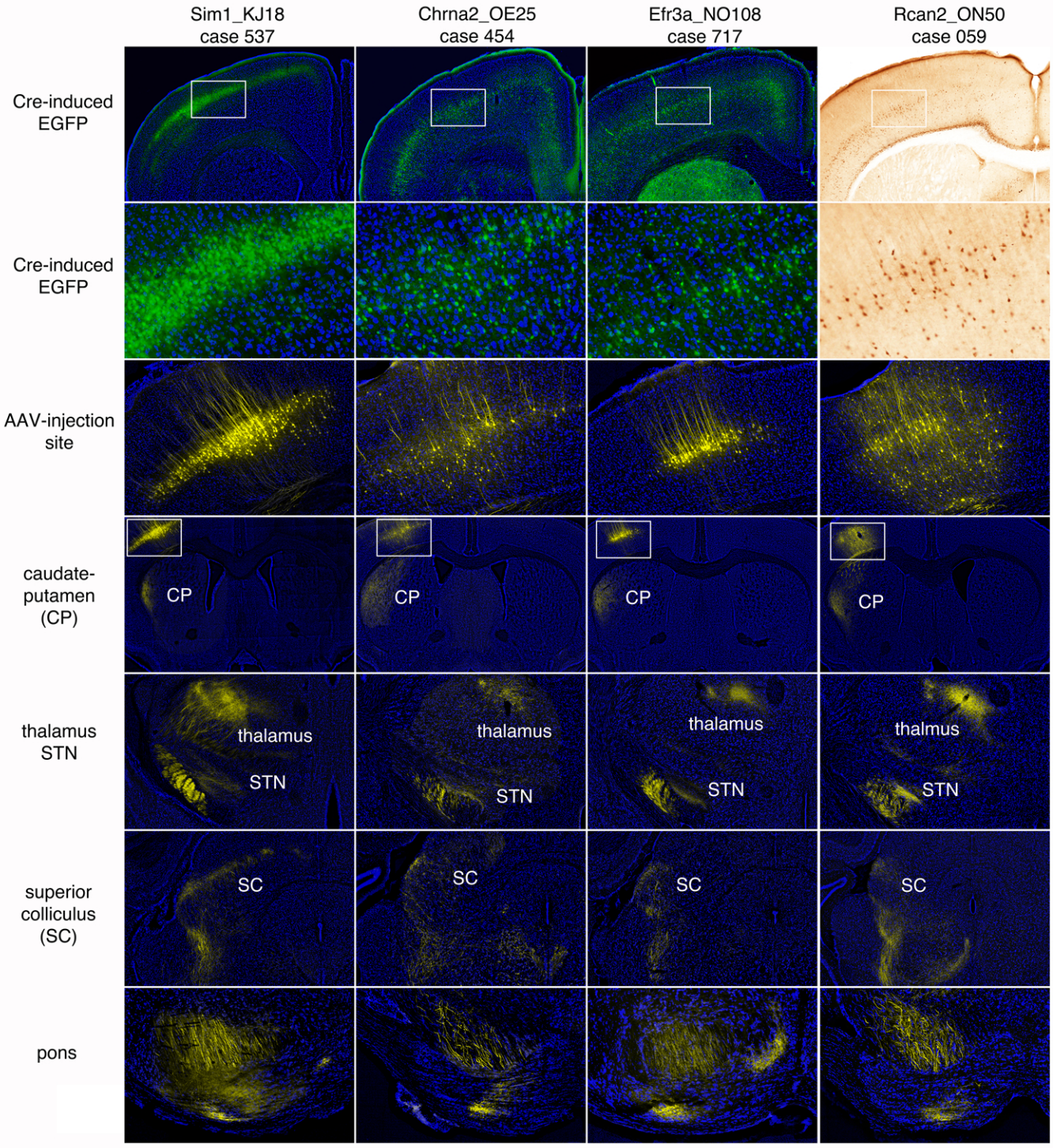
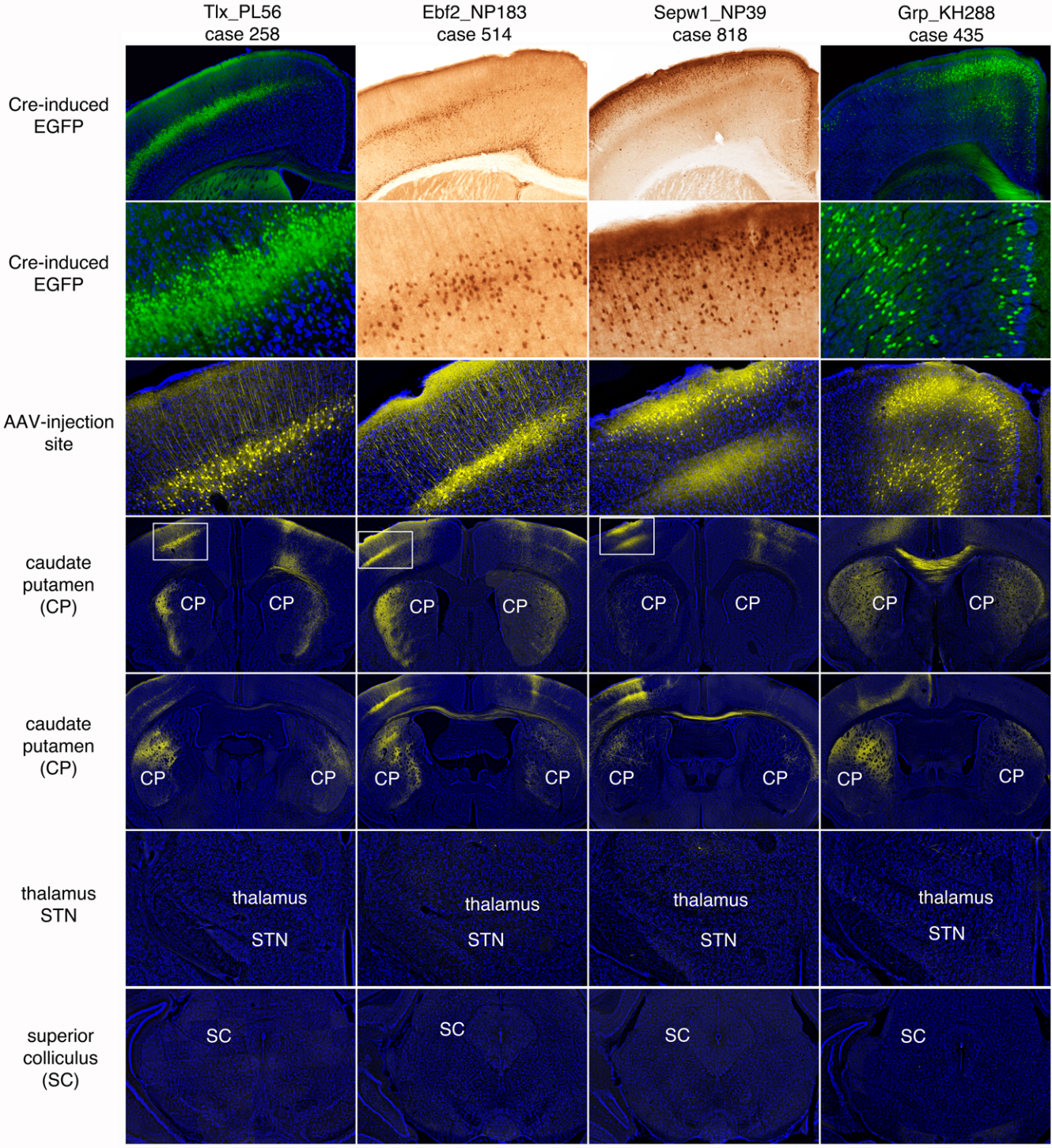
Basal Ganglia Circuits

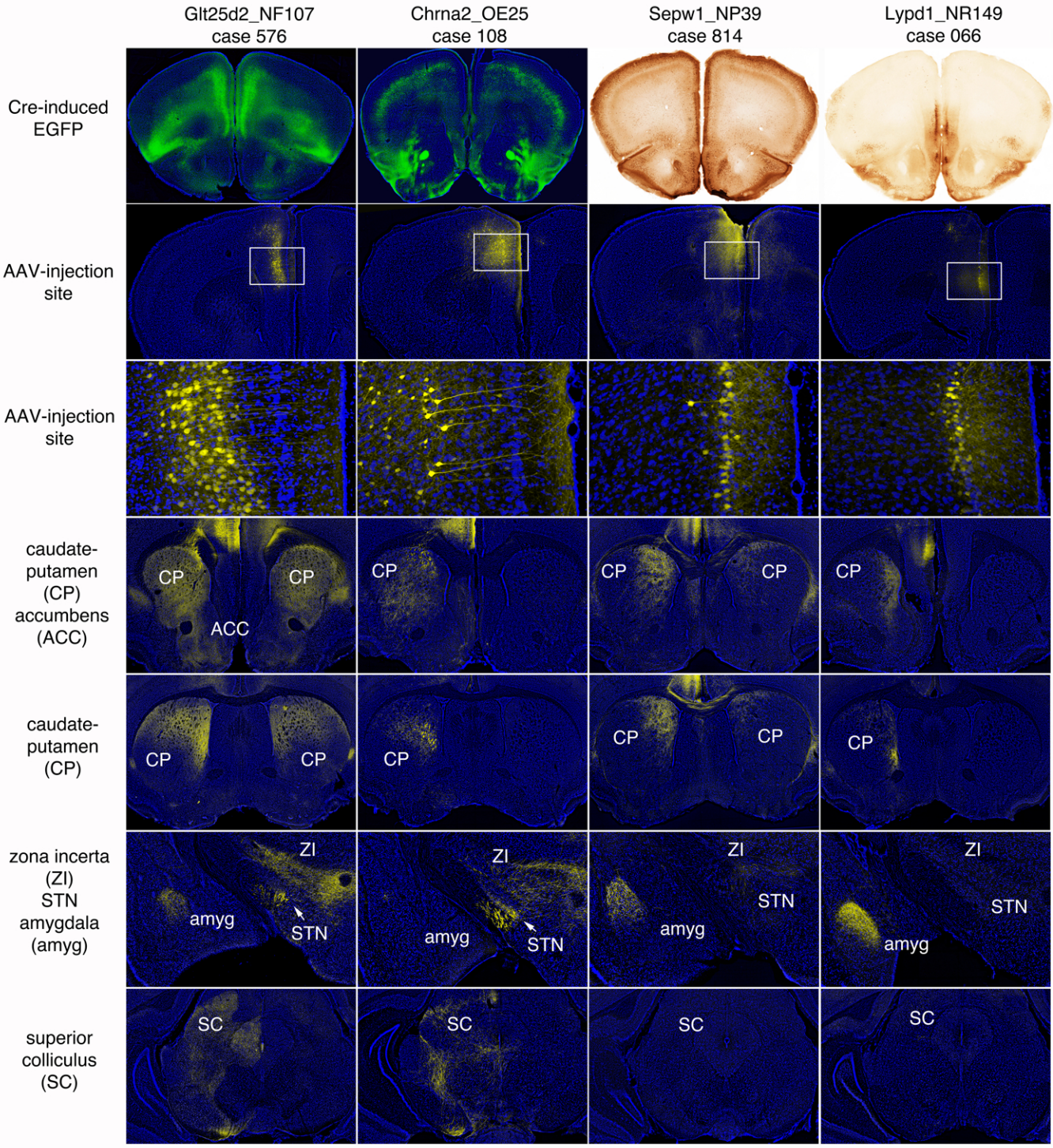


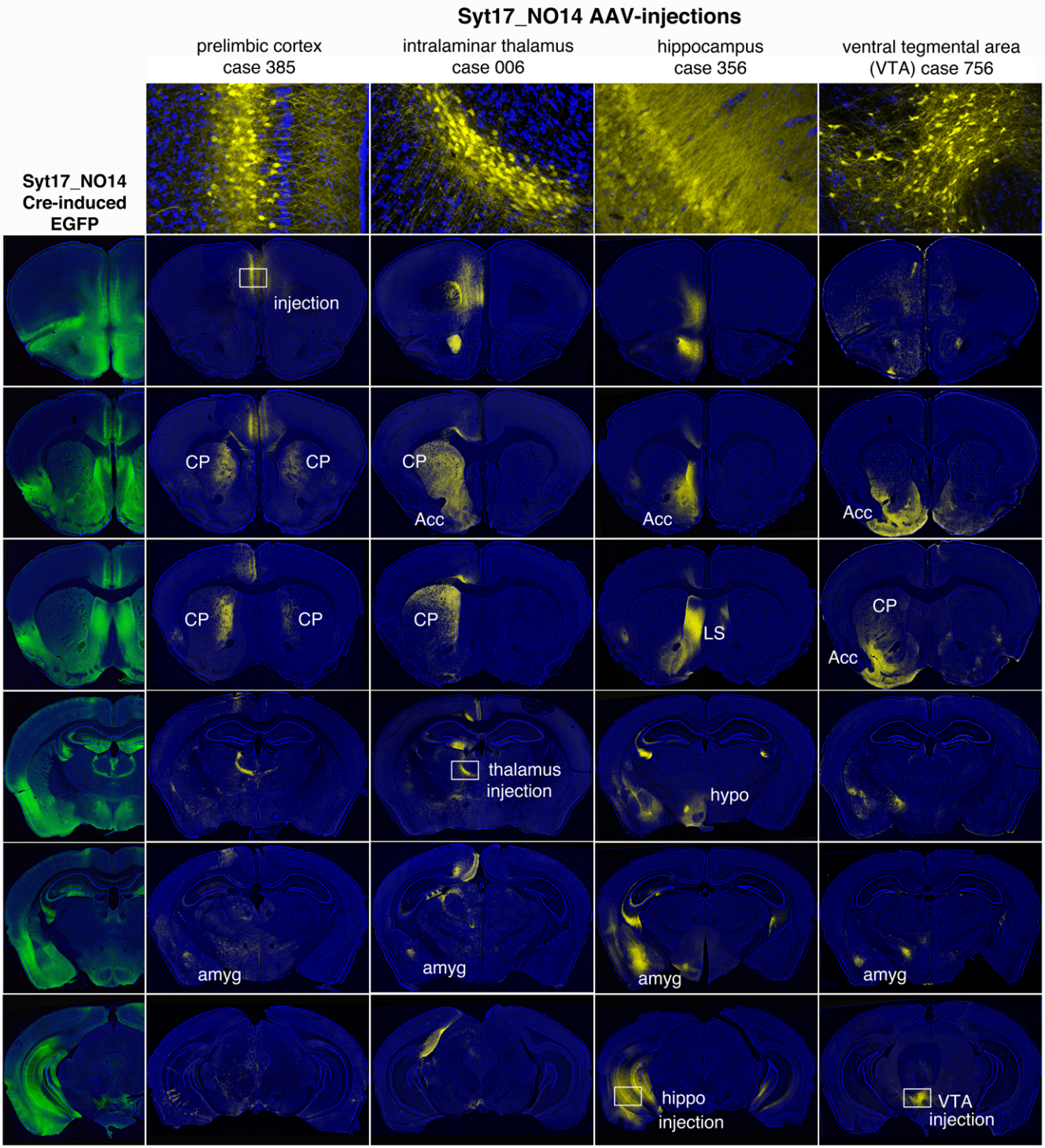

PT/IT
Cre-lines
Rbp4_KL100
Dbp_MN120
Grm2_MR90
Sema3e_OX2
PT
Cre-lines
Sim1_KJ18
Chrna2_OE25
Efr3a_NO108
Rcan2_ON50
IT
Cre-lines
Tlx3_PL56
Ebf2_NP183
Sepw1_NP39
Grp_KH288


Rbp4_KL100
Cre-induced EGFP
Rbp4_KL100
AAV case 272
injection
site
striatum
striatum
thalamus
internal
capsule
ZI
STN
superior
colliclulus
pons


Sim1_KJ18
case 537
Chrna2_OE25
case 454
Efr3a_NO108
case 717
Rcan2_ON50
case 059
Cre-induced EGFP
Cre-induced EGFP
AAV-injection site
caudate-putamen (CP)
CP
CP
CP
CP
thalamus STN
thalamus
STN
thalamus
STN
thalamus
STN
thalmus
STN
superior colliculus (SC)
SC
SC
SC
SC
pons


Tlx_PL56
case 258
Ebf2_NP183
case 514
Sepw1_NP39
case 818
Grp_KH288
case 435
Cre-induced EGFP
Cre-induced EGFP
AAV-injection site
caudate putamen (CP)
CP
CP
caudate putamen (CP)
CP
CP
thalamus STN
thalamus
STN
superior colliculus (SC)
SC


Glt25d2_NF107
case 576
Chrna2_OE25
case 108
Sepw1_NP39
case 814
Lypd1_NR149
case 066
Cre-induced EGFP
AAV-injection site
AAV-injection site
caudate-putamen (CP) accumbens (ACC)
CP
ACC
caudate-putamen (CP)
zona incerta (ZI) STN amygdala (amyg)
ZI
STN
amyg
superior colliculus (SC)
SC


Syt17_NO14 AAV-injections
prelimbic cortex
case 385
intralaminar thalamus
case 006
hippocampus
case 356
ventral tegmental area
(VTA) case 756
Syt17_NO14
Cre-induced
EGFP
injection
CP
CP
CP
Acc
Acc
Acc
CP
CP
CP
LS
CP
Acc
thalamus
injection
hypo
amyg
amyg
amyg
amyg
hippo
injection
VTA
injection