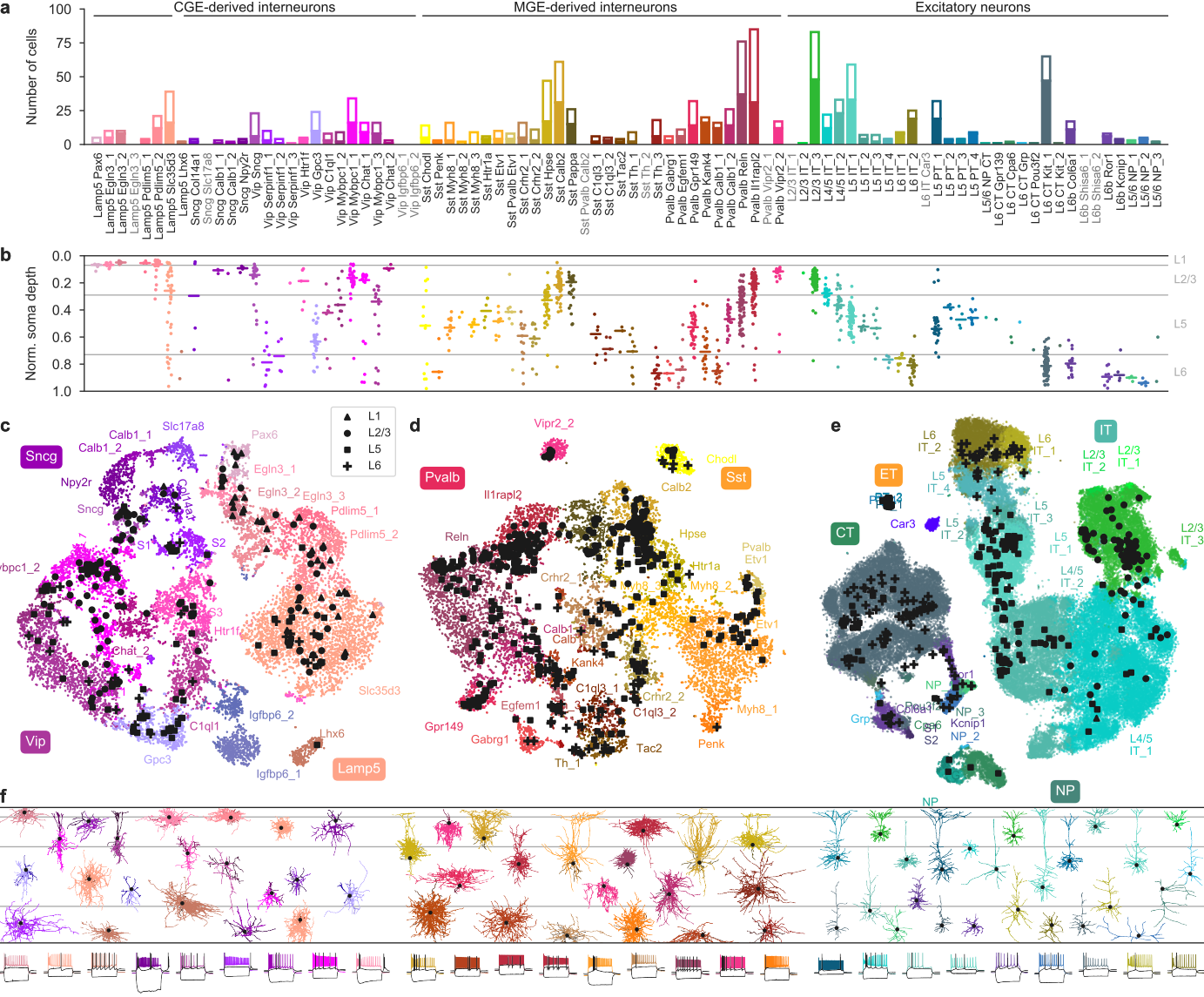
a
CGE-derived interneurons
MGE-derived interneurons
Excitatory neurons
Number of cells
100
75
50
25
0
Lamp5 Pax6
Lamp5 Egln3_1
Lamp5 Egln3_2
Lamp5 Egln3_3
Lamp5 Pdlim5_1
Lamp5 Pdlim5_2
Lamp5 Slc35d3
Lamp5 Lhx6
Sncg Col14a1
Sncg Slc17a8
Sncg Calb1_1
Sncg Calb1_2
Sncg Npy2r
Vip Sncg
Vip Serpinf1_1
Vip Serpinf1_2
Vip Serpinf1_3
Vip Htr1f
Vip Gpc3
Vip C1ql1
Vip Mybpc1_1
Vip Mybpc1_2
Vip Chat_1
Vip Mybpc1_3
Vip Chat_2
Vip Igfbp6_1
Vip Igfbp6_2
Sst Chodl
Sst Penk
Sst Myh8_1
Sst Myh8_2
Sst Myh8_3
Sst Htr1a
Sst Etv1
Sst Pvalb Etv1
Sst Crhr2_1
Sst Crhr2_2
Sst Hpse
Sst Calb2
Sst Pappa
Sst Pvalb Calb2
Sst C1ql3_1
Sst C1ql3_2
Sst Tac2
Sst Th_1
Sst Th_2
Sst Th_3
Pvalb Gabrg1
Pvalb Egfem1
Pvalb Gpr149
Pvalb Kank4
Pvalb Calb1_1
Pvalb Calb1_2
Pvalb Reln
Pvalb Il1rapl2
Pvalb Vipr2_1
Pvalb Vipr2_2
L2/3 IT_1
L2/3 IT_2
L2/3 IT_3
L4/5 IT_1
L4/5 IT_2
L5 IT_1
L5 IT_2
L5 IT_3
L5 IT_4
L6 IT_1
L6 IT_2
L6 IT Car3
L5 PT_1
L5 PT_2
L5 PT_3
L5 PT_4
L5/6 NP C4
L6 CT Gpr139
L6 CT Cpa6
L6 CT Grp
L6 CT Pou3f2
L6 CT Kit_1
L6 CT Kit_2
L6b Col6a1
L6b Shisa6_1
L6b Shisa6_2
L6b Ror1
L6b Kcnip1
L5/6 NP_1
L5/6 NP_2
L5/6 NP_3
b
Norm. soma depth
0.0
0.2
0.4
0.6
0.8
1.0
L1
L2/3
L5
L6
c
L1
L2/3
L5
L6
Sncg
Vip
Lamp5
Calb1_1
Calb1_2
Slc17a8
Pax6
Npy2r
Sncg
Col14a1
Egln3_1
Egln3_2
Egln3_3
Pdlim5_1
Pdlim5_2
S1
S2
S3
Htr1f
Chat_2
Slc35d3
Igfbp6_2
C1ql1
Lhx6
Gpc3
Igfbp6_1
d
Pvalb
Sst
Vipr2_2
Chodl
Calb2
Il1rapl2
Reln
Hpse
Htr1a
Pvalb Etv1
Crhr2_1
Myh8_2
Calb1
Calb2
Etv1
Kank4
C1ql3_1
Crhr2_2
C1ql3_2
Myh8_1
Egfem1
Gpr149
Gabrg1
Th_1
Tac2
Penk
e
ET
IT
CT
NP
L6 IT_2
L6 IT_1
L2/3 IT_2
L2/3 IT_1
L5 IT_4
L5 IT_3
L5 IT_2
L5 IT_1
L2/3 IT_3
Car3
L4/5 IT_2
L4/5 IT_1
Cpa6
S2
NP_3
Kcnip1
NP_2
f
NP