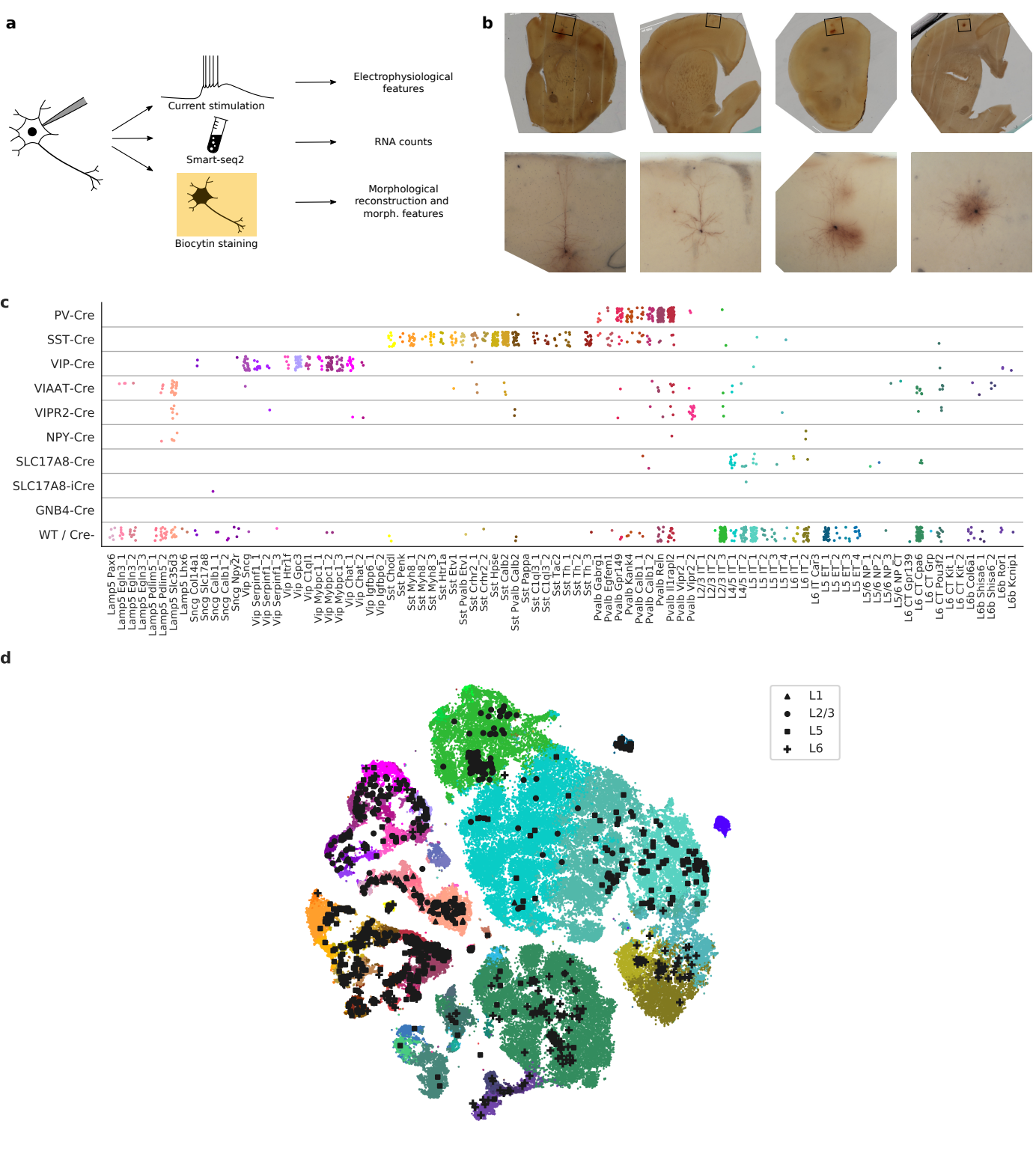
a
Current stimulation
Smart-seq2
Biocytin staining
Electrophysiological features
RNA counts
Morphological reconstruction and morph. features
b
c
PV-Cre
SST-Cre
VIP-Cre
VIAAT-Cre
VIPR2-Cre
NPY-Cre
SLC17A8-Cre
SLC17A8-iCre
GNB4-Cre
WT / Cre-
Lamp5 Pax6
Lamp5 Egln3_1
Lamp5 Egln3_2
Lamp5 Egln3_3
Lamp5 Pdlim5_1
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 Mybpc1_3
Vip Chat_1
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 Pvalb Calb2
Sst Pappa
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 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 ET_1
L5 ET_2
L5 ET_3
L5 ET_4
L5/6 NP_1
L5/6 NP_2
L5/6 NP_3
L5/6 NP CT
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
d
L1
L2/3
L5
L6