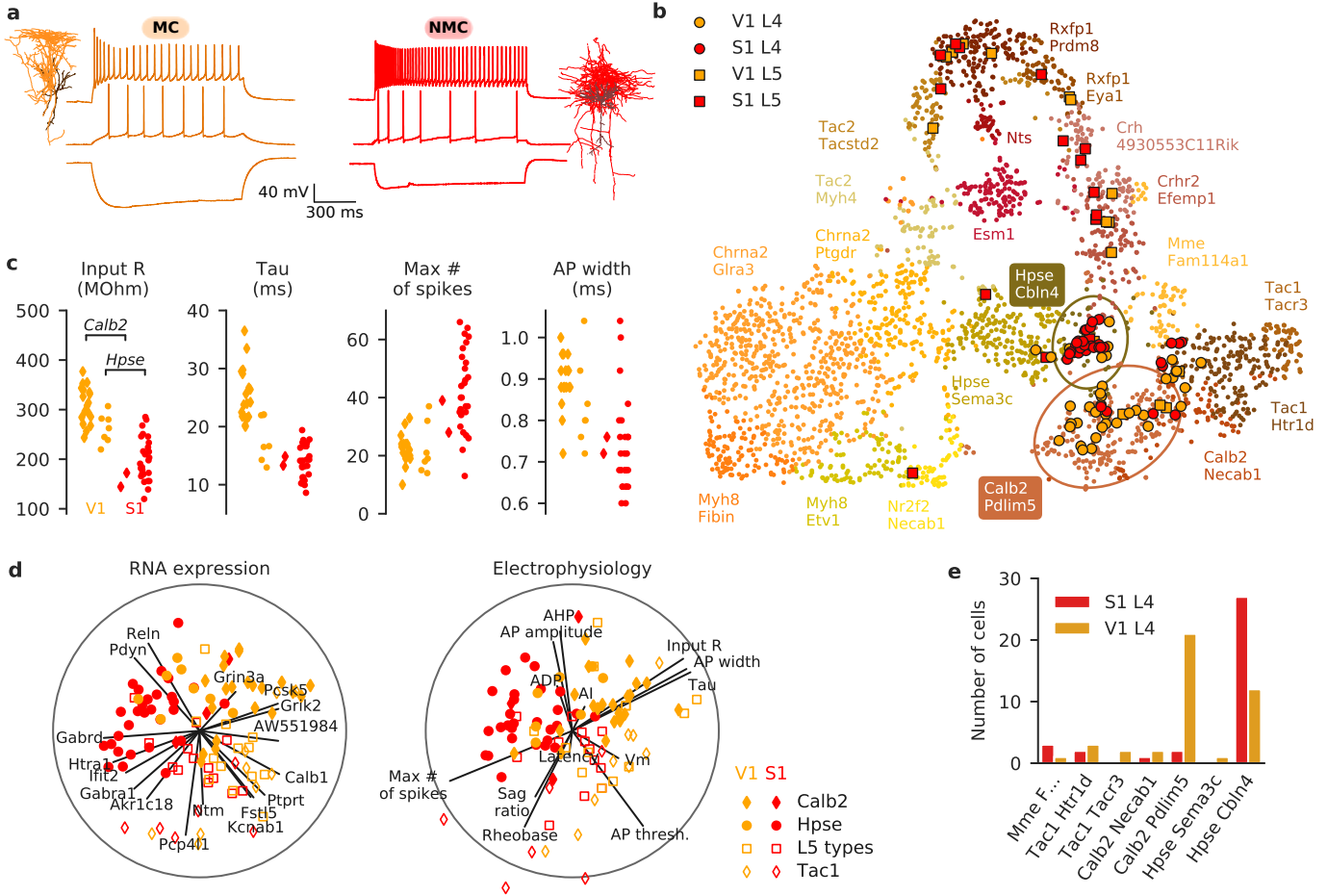
a
MC
NMC
40 mV
300 ms
b
V1 L4
S1 L4
V1 L5
S1 L5
Rxfp1
Prdm8
Rxfp1
Eya1
Tac2
Tacstd2
Nts
Crh
4930553C11Rik
Tac2
Myh4
Crhr2
Efemp1
Chrna2
Ptgdr
Esm1
Chrna2
Glra3
Mme
Fam114a1
Hpse
Cbln4
Tac1
Tacr3
Hpse
Sema3c
Tac1
Htr1d
Calb2
Necab1
Calb2
Pdlim5
Myh8
Fibin
Myh8
Etv1
Nr2f2
Necab1
c
Input R
(MOhm)
Tau
(ms)
Max #
of spikes
AP width
(ms)
Calb2
Hpse
V1
S1
d
RNA expression
Reln
Pdyn
Grin3a
Pcsk5
Grik2
AW551984
Gabrd
Htra1
Ifit2
Gabra1
Akr1c18
Ntm
Fstl5
Kcnab1
Pcp4l1
Calb1
Ptprt
Electrophysiology
AHP
AP amplitude
Input R
AP width
Tau
ADP
AI
Latency
Vm
Max #
of spikes
Sag
ratio
Rheobase
AP thresh.
V1 S1
Calb2
Hpse
L5 types
Tac1
e
Number of cells
S1 L4
V1 L4
Mme F...
Tac1 Htr1d
Tac1 Tacr3
Calb2 Necab1
Calb2 Pdlim5
Hpse Sema3c
Hpse Cbln4