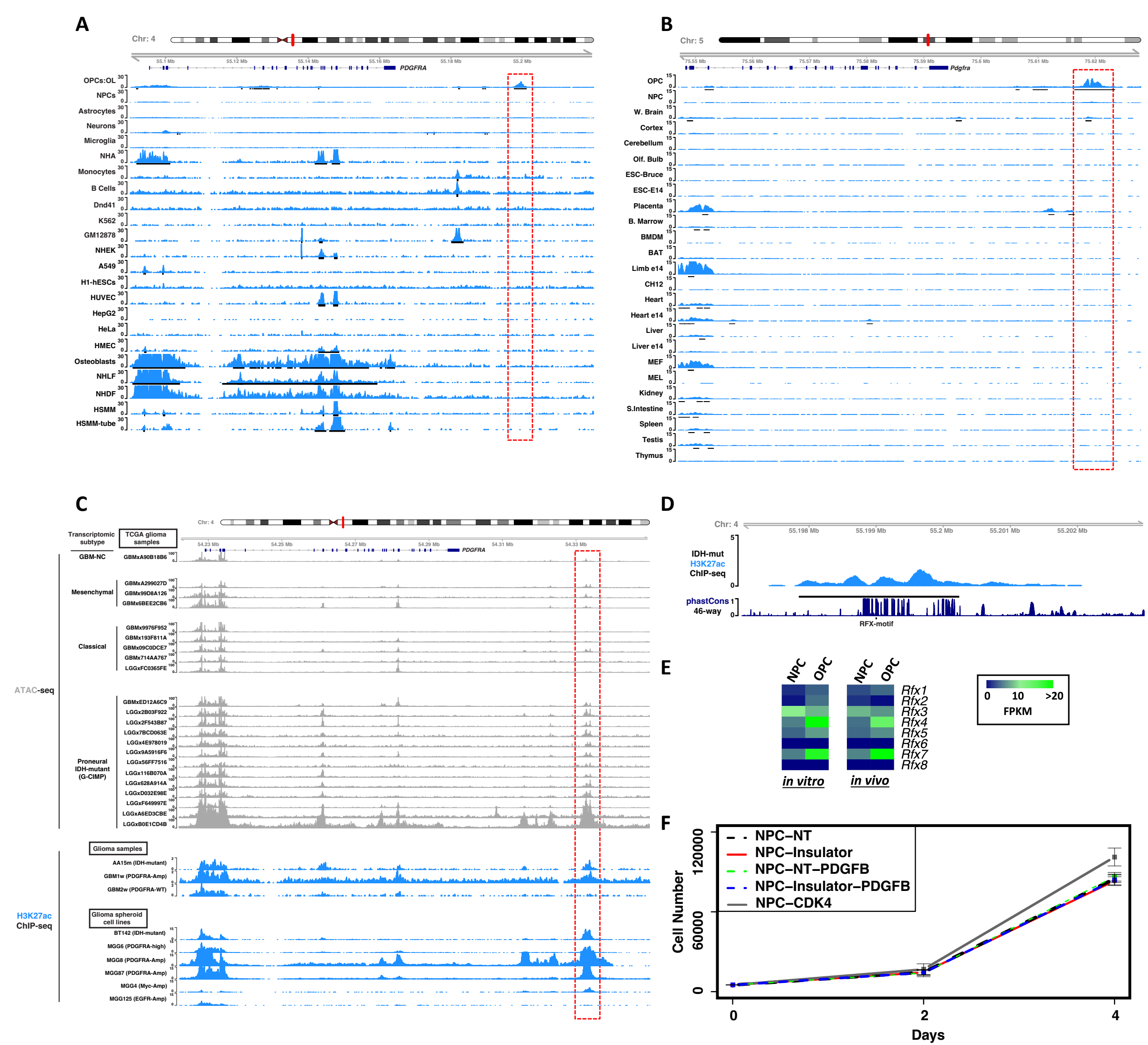
A
Chr: 4
PDGFRA
OPCs:OL
NPCs
Astrocytes
Neurons
Microglia
NHA
Monocytes
B Cells
Dnd41
K562
GM12878
NHEK
A549
H1-hESCs
HUVEC
HepG2
HeLa
HMEC
Osteoblasts
NHLF
NHDF
HSMM
HSMM-tube
B
Chr: 5
Pdgfra
OPC
NPC
W. Brain
Cortex
Cerebellum
Olf. Bulb
ESC-Bruce
ESC-E14
Placenta
B. Marrow
BMDM
BAT
Limb e14
CH12
Heart
Heart e14
Liver
Liver e14
MEF
MEL
Kidney
S.Intestine
Spleen
Testis
Thymus
C
Transcriptomic subtype
TCGA glioma samples
GBM-NC
Mesenchymal
Classical
Proneural IDH-mutant (G-CIMP)
ATAC-seq
Glioma samples
AA15m (IDH-mutant)
GBM1w (PDGFRA-Amp)
GBM2w (PDGFRA-WT)
Glioma spheroid cell lines
BT142 (IDH-mutant)
MGG6 (PDGFRA-high)
MGG8 (PDGFRA-Amp)
MGG87 (PDGFRA-Amp)
MGG4 (Myc-Amp)
MGG125 (EGFR-Amp)
H3K27ac ChIP-seq
D
IDH-mut H3K27ac ChIP-seq
phastCons 46-way
RFX-motif
E
NPC
OPC
Rfx1
Rfx2
Rfx3
Rfx4
Rfx5
Rfx6
Rfx7
Rfx8
in vitro
in vivo
0
10
>20
FPKM
F
NPC–NT
NPC–Insulator
NPC–NT–PDGFB
NPC–Insulator–PDGFB
NPC–CDK4
Cell Number
Days