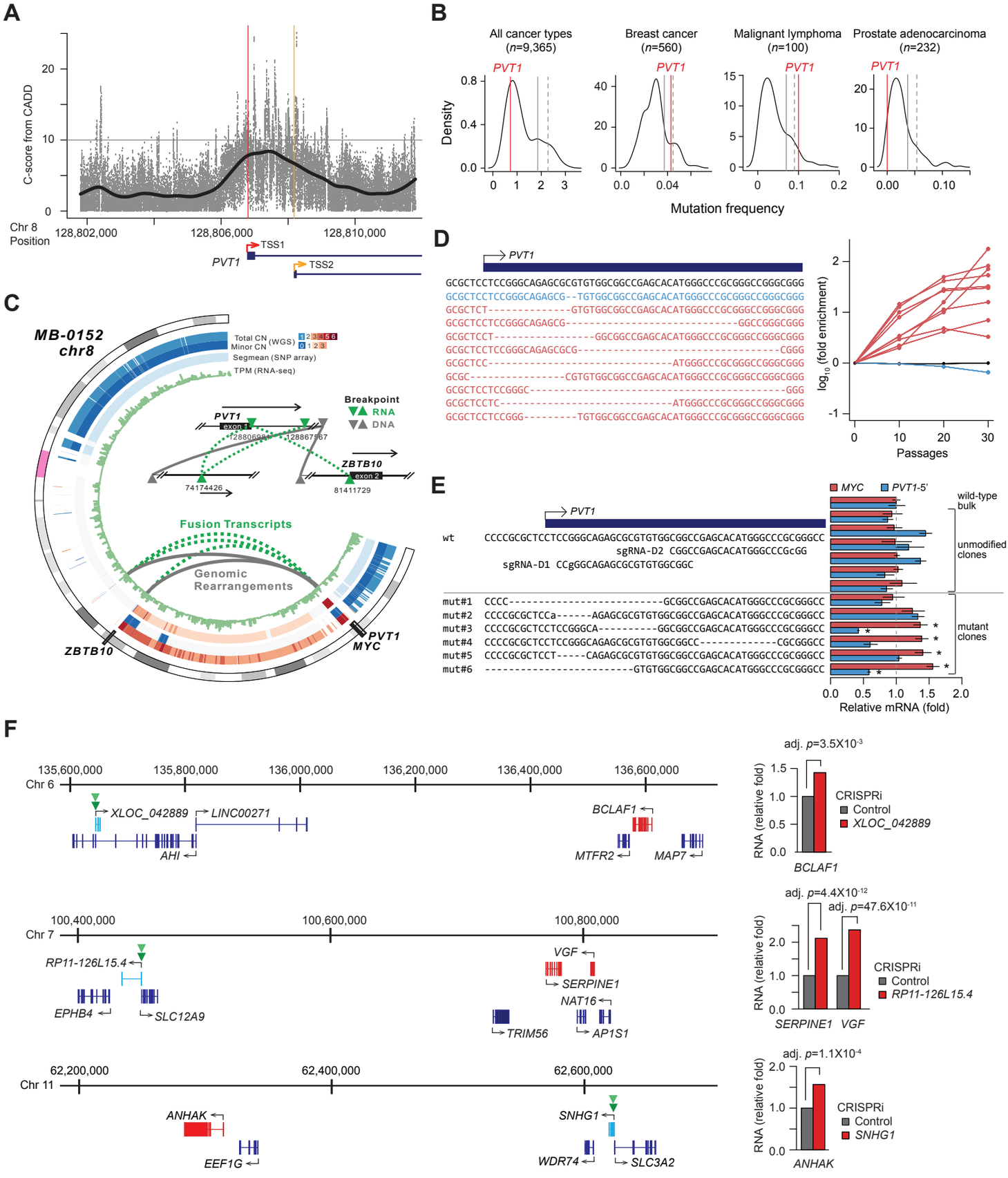
A
C-score from CADD
Chr 8
Position
128,802,000
128,806,000
128,810,000
TSS1
PVT1
TSS2
B
All cancer types (n=9,365)
Breast cancer (n=560)
Malignant lymphoma (n=100)
Prostate adenocarcinoma (n=232)
Density
Mutation frequency
C
MB-0152
chr8
Total CN (WGS)
Minor CN
Segmean (SNP array)
TPM (RNA-seq)
Breakpoint
RNA
DNA
PVT1
exon 1
128806941
128867567
ZBTB10
exon 2
74174426
81411729
Fusion Transcripts
Genomic Rearrangements
ZBTB10
PVT1
MYC
D
PVT1
log10 (fold enrichment)
Passages
E
MYC
PVT1-5'
wild-type bulk
unmodified clones
mutant clones
wt
sgRNA-D2
sgRNA-D1
mut#1
mut#2
mut#3
mut#4
mut#5
mut#6
Relative mRNA (fold)
F
Chr 6
135,600,000
135,800,000
136,000,000
136,200,000
136,400,000
136,600,000
XLOC_042889
LINC00271
AHI
BCLAF1
MTFR2
MAP7
adj. p=3.5X10-3
RNA (relative fold)
CRISPRi
Control
XLOC_042889
BCLAF1
Chr 7
100,400,000
100,600,000
100,800,000
RP11-126L15.4
EPHB4
SLC12A9
VGF
SERPINE1
NAT16
TRIM56
AP1S1
adj. p=4.4X10-12
adj. p=47.6X10-11
RP11-126L15.4
SERPINE1
VGF
Chr 11
62,200,000
62,400,000
62,600,000
ANHAK
EEF1G
SNHG1
WDR74
SLC3A2
adj. p=1.1X10-4
SNHG1
ANHAK