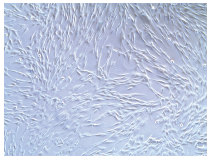


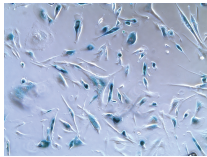
A

H3K27ac HiChIP/PRO-seq/ChIP-seq/ATAC-seq



Proliferating cells
(Pro)

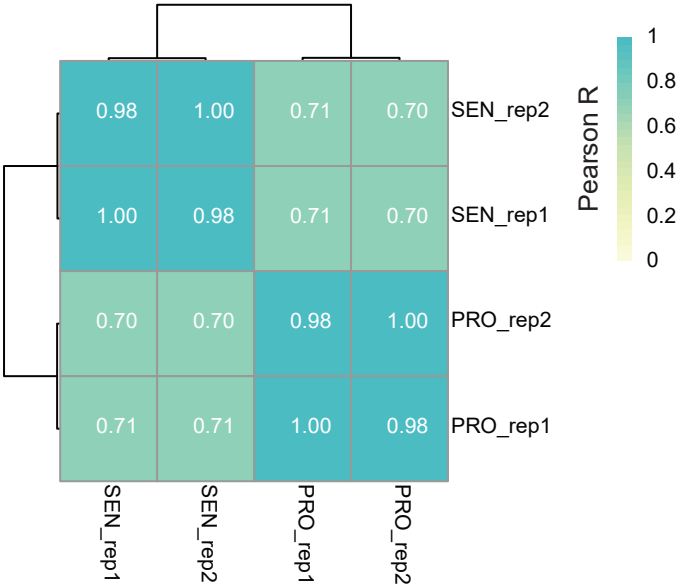
HRAS
↓



Oncogene induced senescent cells
(OIS)

B

ATAC-seq

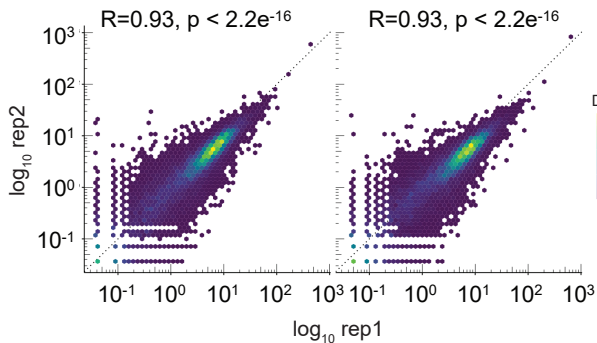


C

PRO-seq

PRO

SEN

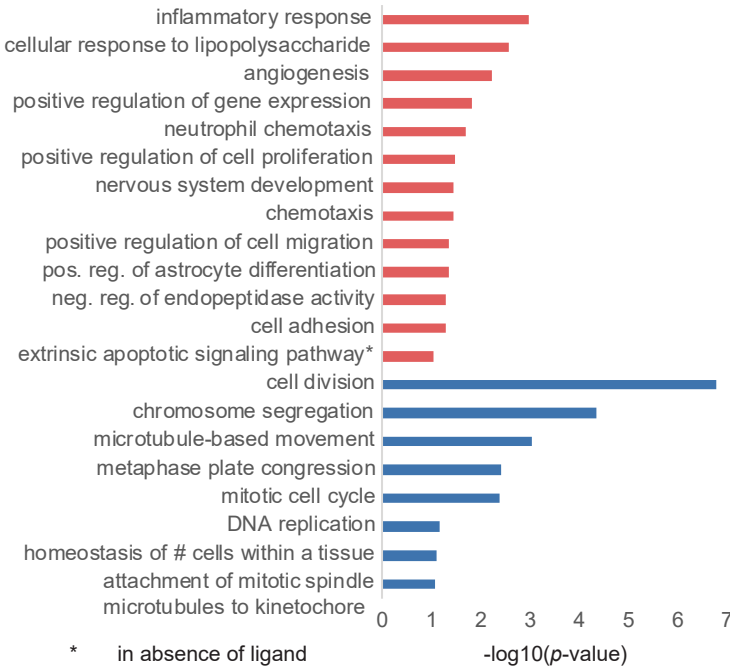


D

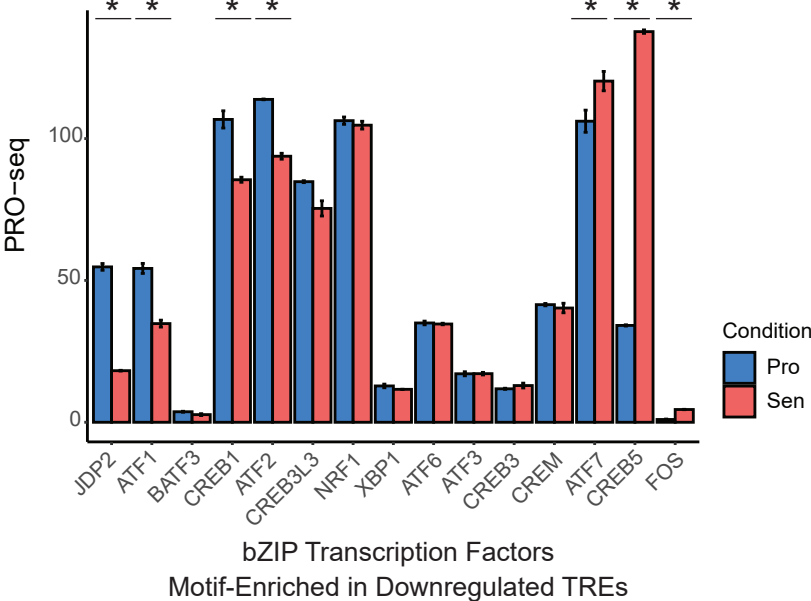
PRO-seq GO analysis

Up in SEN

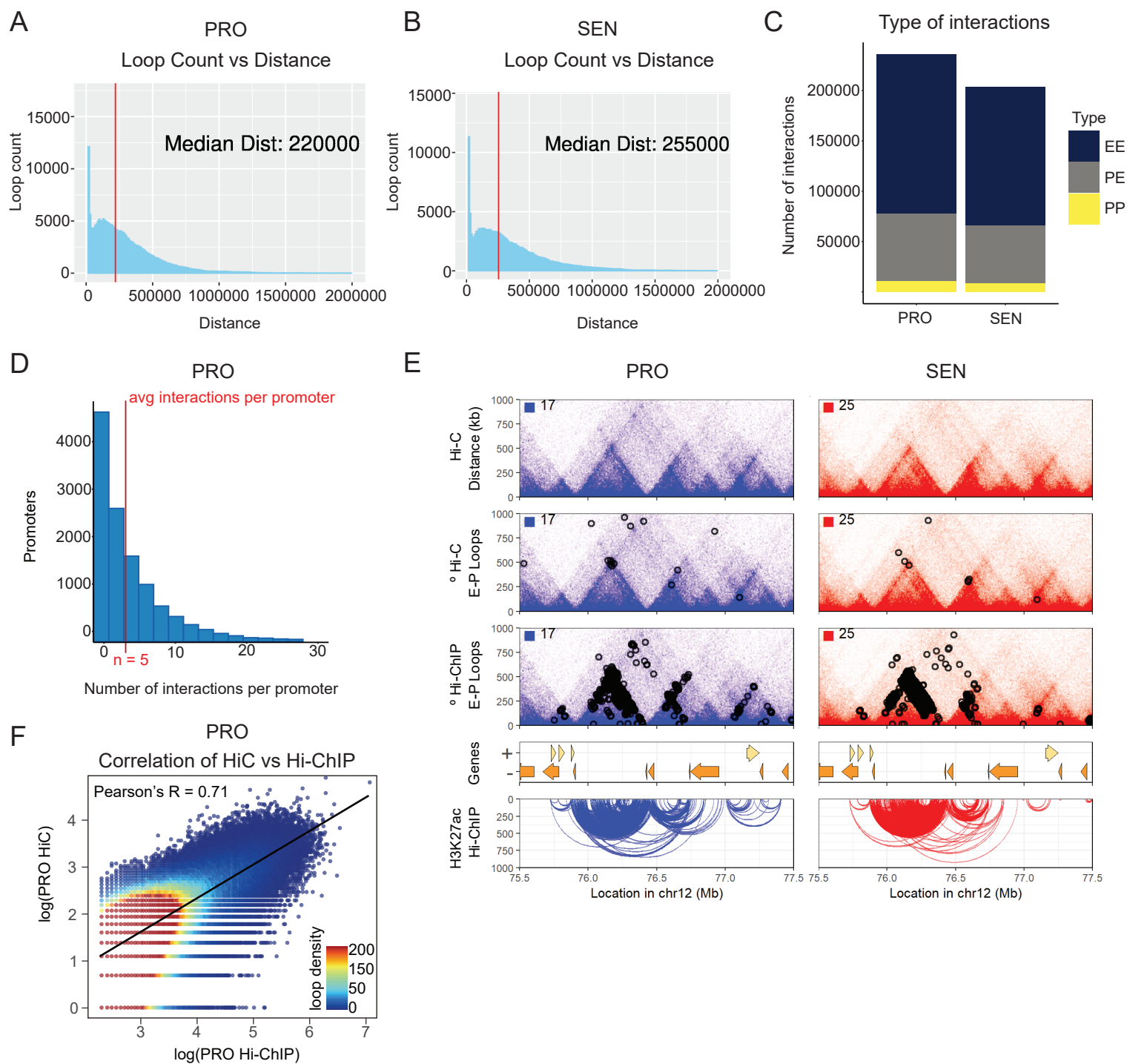
Down in SEN



E

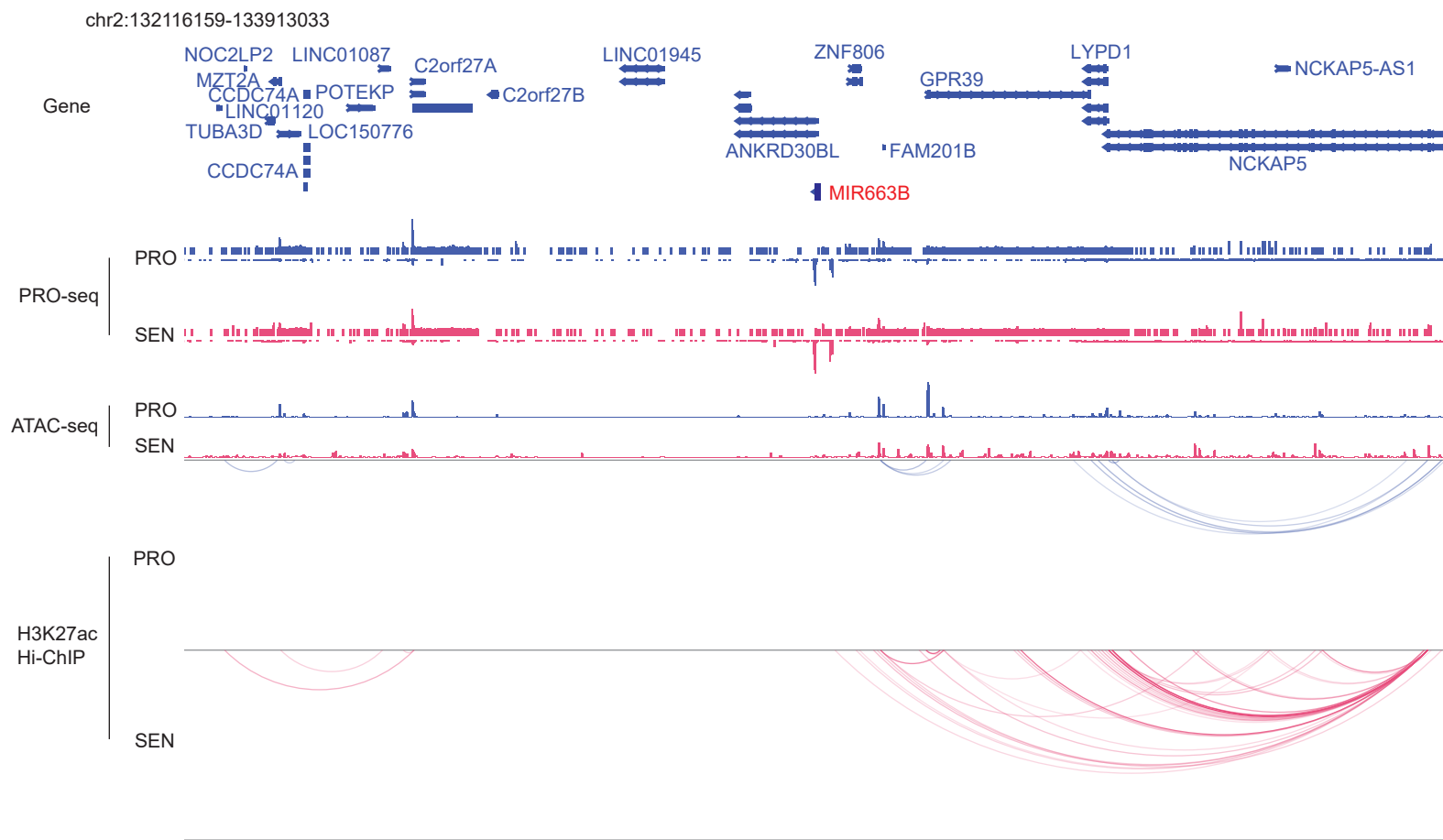


Supplemental Figure 1.

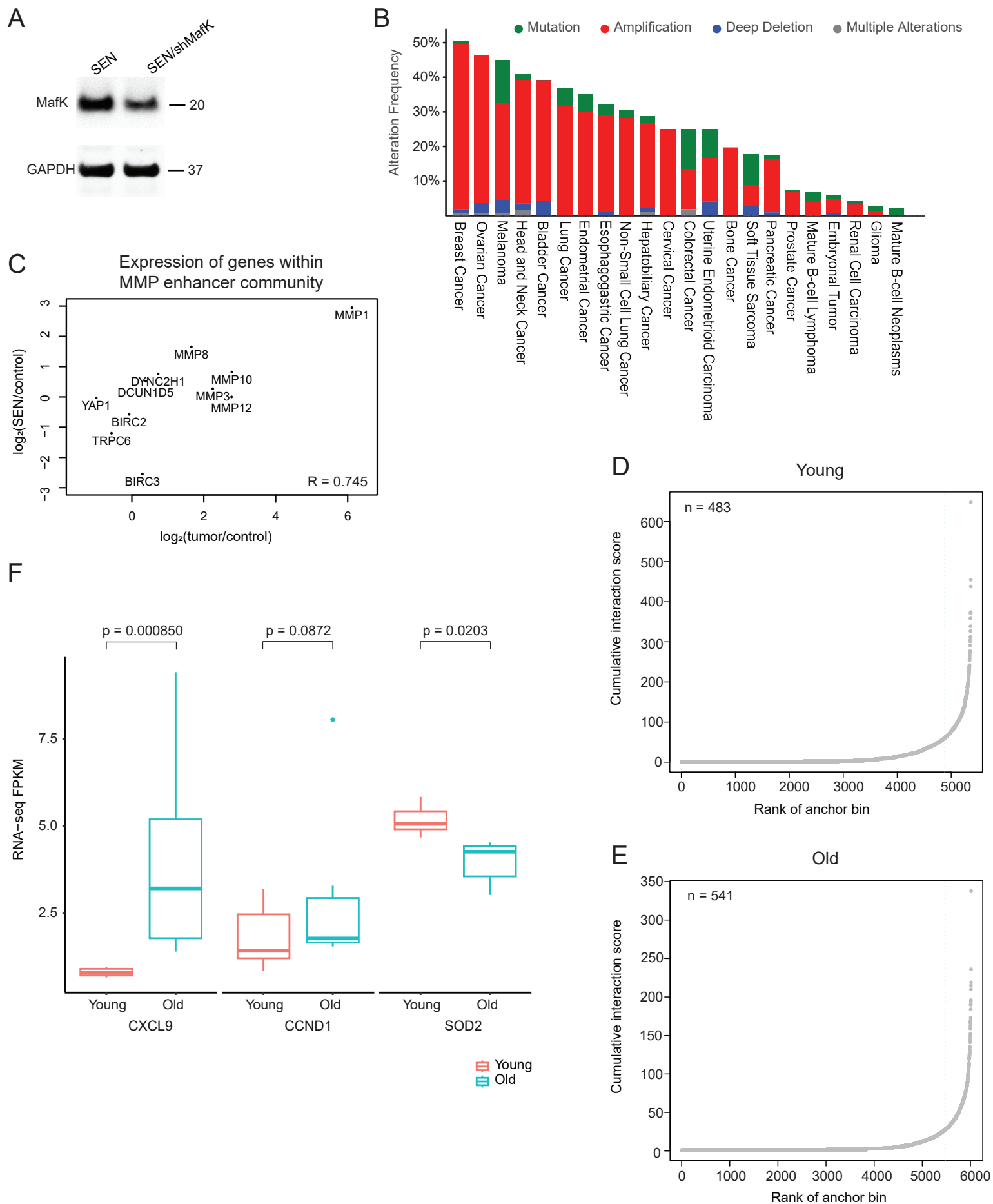


Supplemental Figure 2.

A



Supplemental Figure 3.



Supplemental Figure 4.