Fig. S1. PCR sequence (wild type) and the cutting edge used for the knockdown of VEGF-A in HT29 cells . PCR primers; hVEGF-A exon 1; start codon; gRNA g3; gRNA g7; ↓ gRNA cutting site.
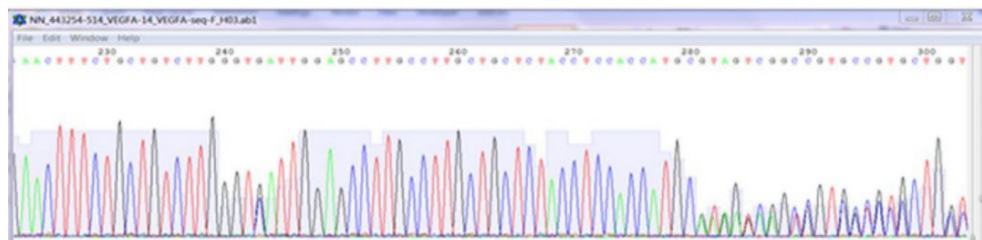

Fig. S2. PCR genotyping data of HT29 hVEGF-A (-/-) human colon cancer cell line clone.
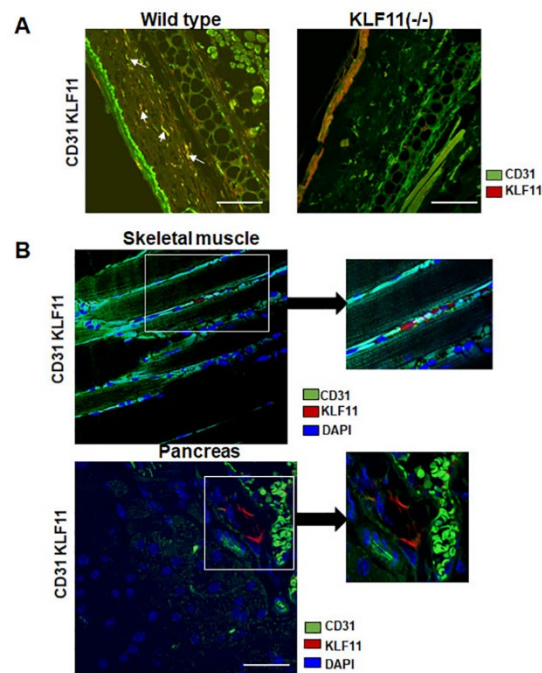
Fig. S3 (A and B). (A) Confocal images (arrows) show colocalization of KLF11 and CD31, i.e., expression of KLF11 in the endothelial cells of ears in wild type (KLF11 ($^+$/$^+$) C57/Bl6 mice. In contrast, there are no expressions of KLF11 in endothelial cells of ears in KLF11 ($^-$/$^-$) C57/Bl6 mice (Scale Bar 40 µm). (B) KLF11 expression is specifically absent in CD31 positive endothelial cells in KLF11 expressing skeletal muscle and pancreas collected from endothelial cell-specific KLF11 ($^-$/$^-$) mice (Scale Bar 40 µm).
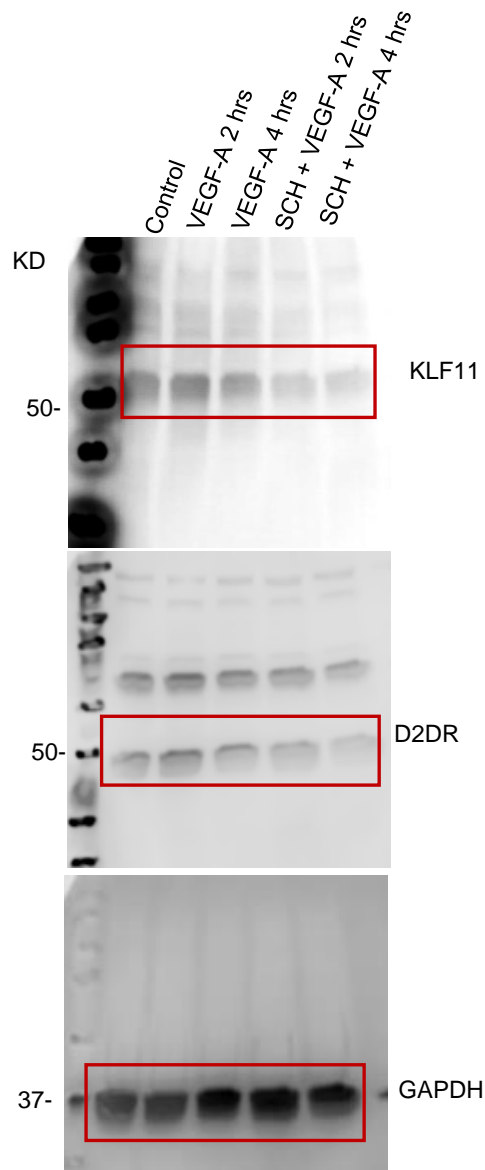
Fig S4. Blot transparency.
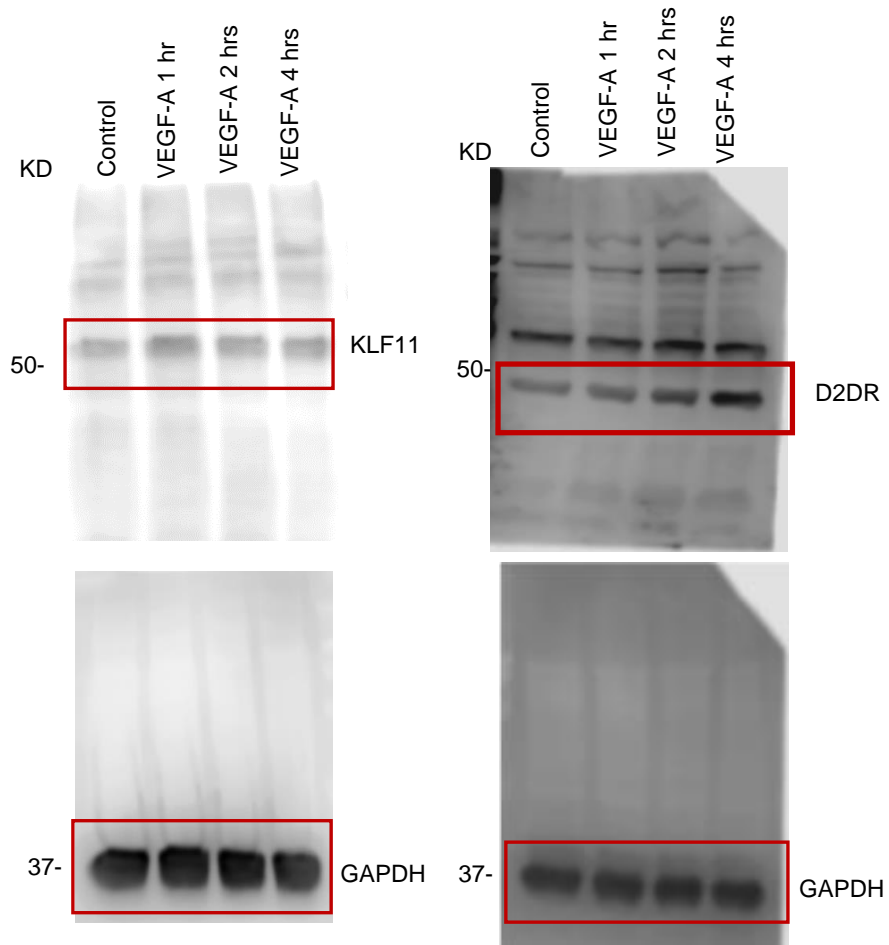
Full unedited gels for Figure 4B
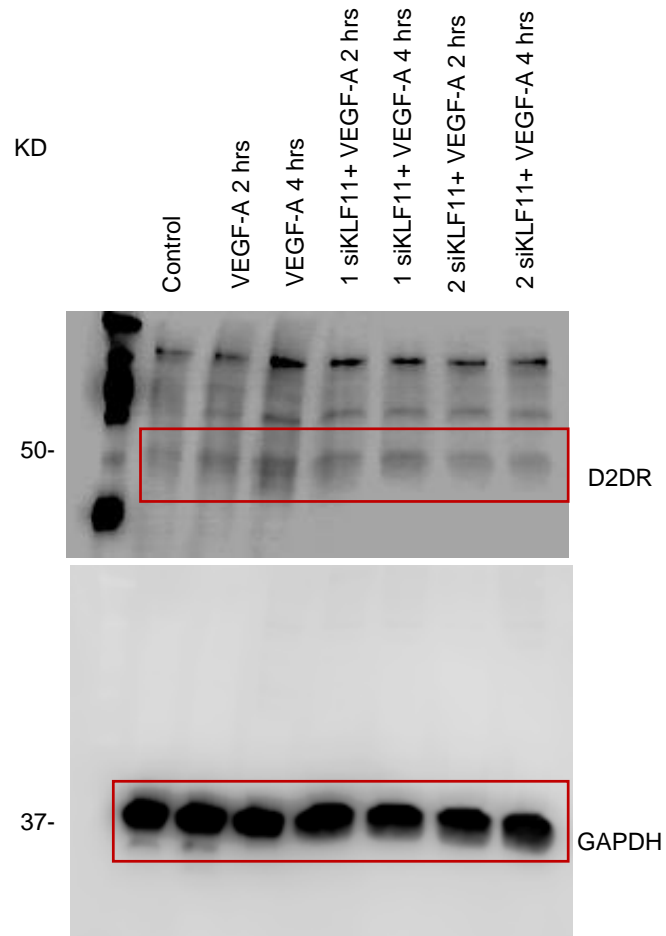
Full unedited gels for Figure 4C

Full unedited gels for Figure 5B

Table S1. Primers used for generation of the KLF11 shRNA knockin mice

Primers	Sequence
PR425N	5'- GGTGATAGGTGGCAAGTGGTATTCCGTAAG -3'
PR436N-1	5'- ATCAACTACCGCCACCTCGACC -3'
KLF-R1	5'- CTACTTCCATTTGTCACGTCCTGCACG -3'
KLF-R2	5'- CTAGAGCGGCCGATGAGTT -3'
KLF STOP5-F	5'- GAAGCGGGTAGGCCTTTGG -3'
KLF STOP5-R	5'- TAGCCGAATAGCCTCTCCACC -3'
KLF-F	5'- GACAGCACAAAAGGAAACTCACCCTAAC -3'
PR522N	5'- GACGATGTAGGTCACGGTCTCGAAG -3'
Frt-R1	5'- GGAATAGGAACTTCGTCGACA -3'
Frt-R2	5'- CCGCGAAGTTCCTATACCTTTTG -3'
R10N	5'- AGTTCTCTGCTGCCTCCTGGCTTCT -3'
R13	5'- CATAAACCCCAGATGACTCCTATCCTC-3'