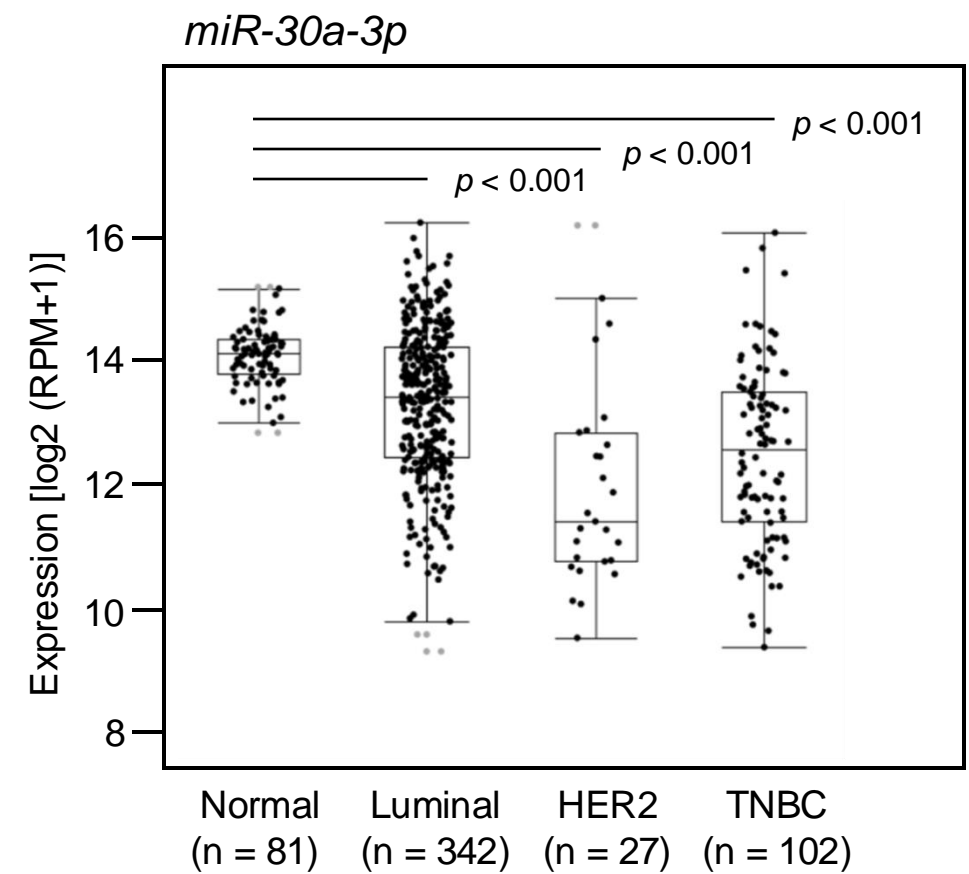
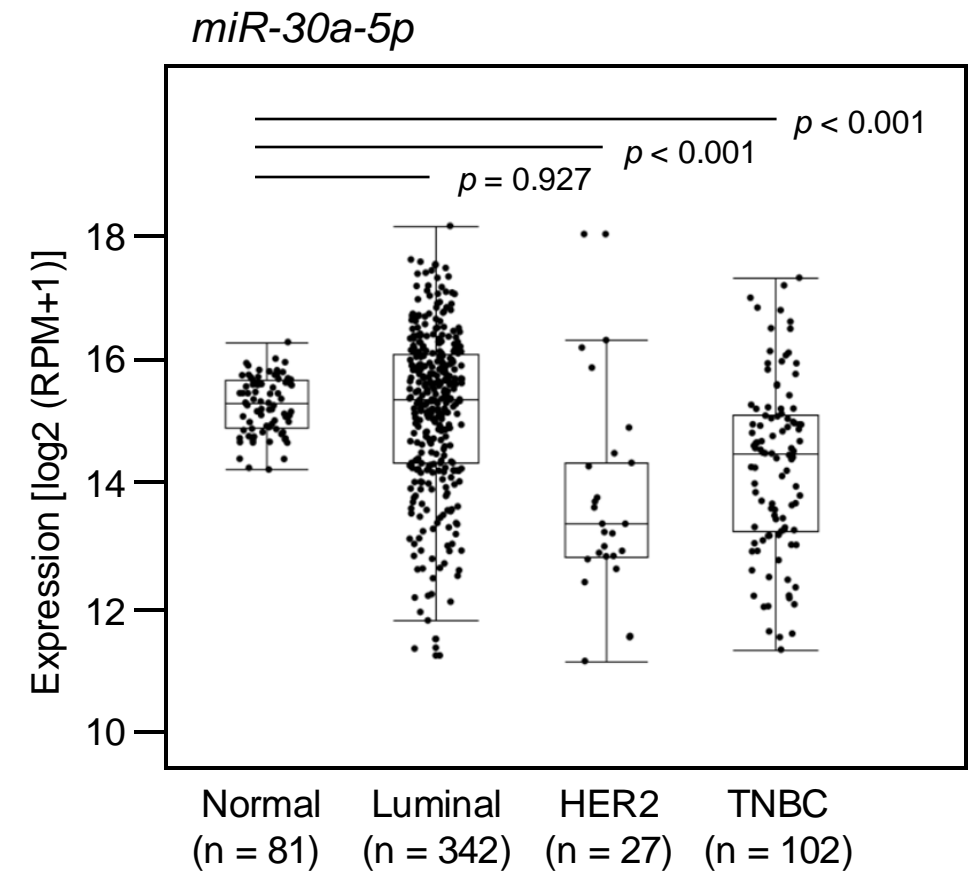


Supplementary Figure 1



Supplementary Figure 2

Cell invasion

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mock

control

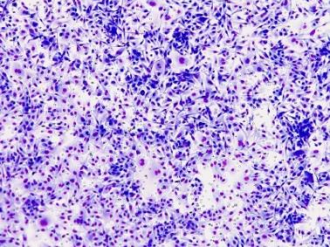
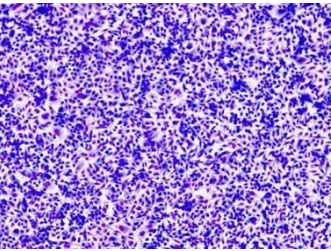
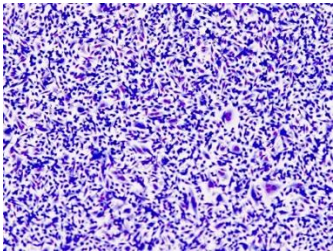
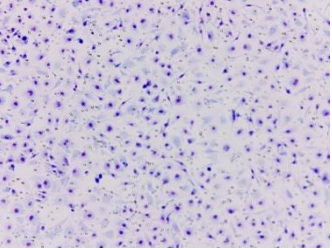
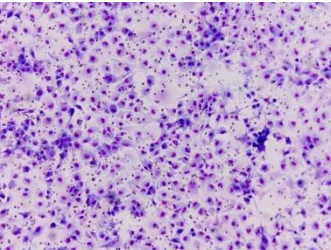
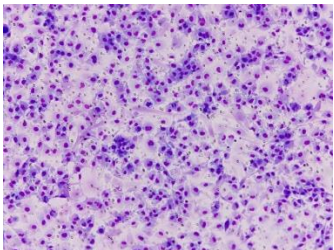
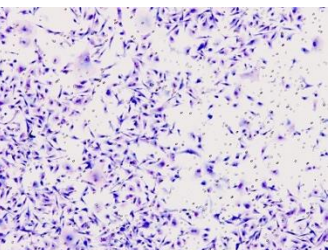
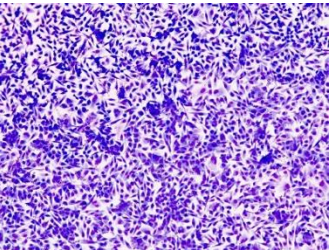
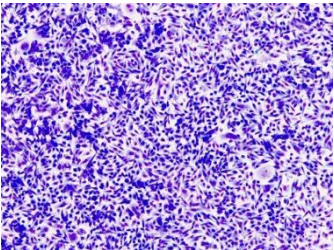
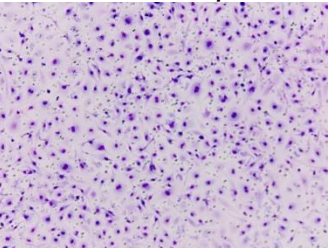
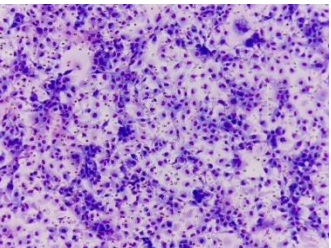
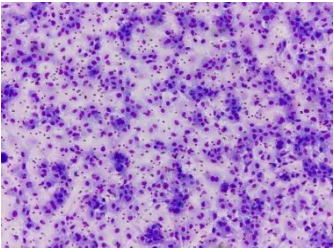
*miR-30a-3p*

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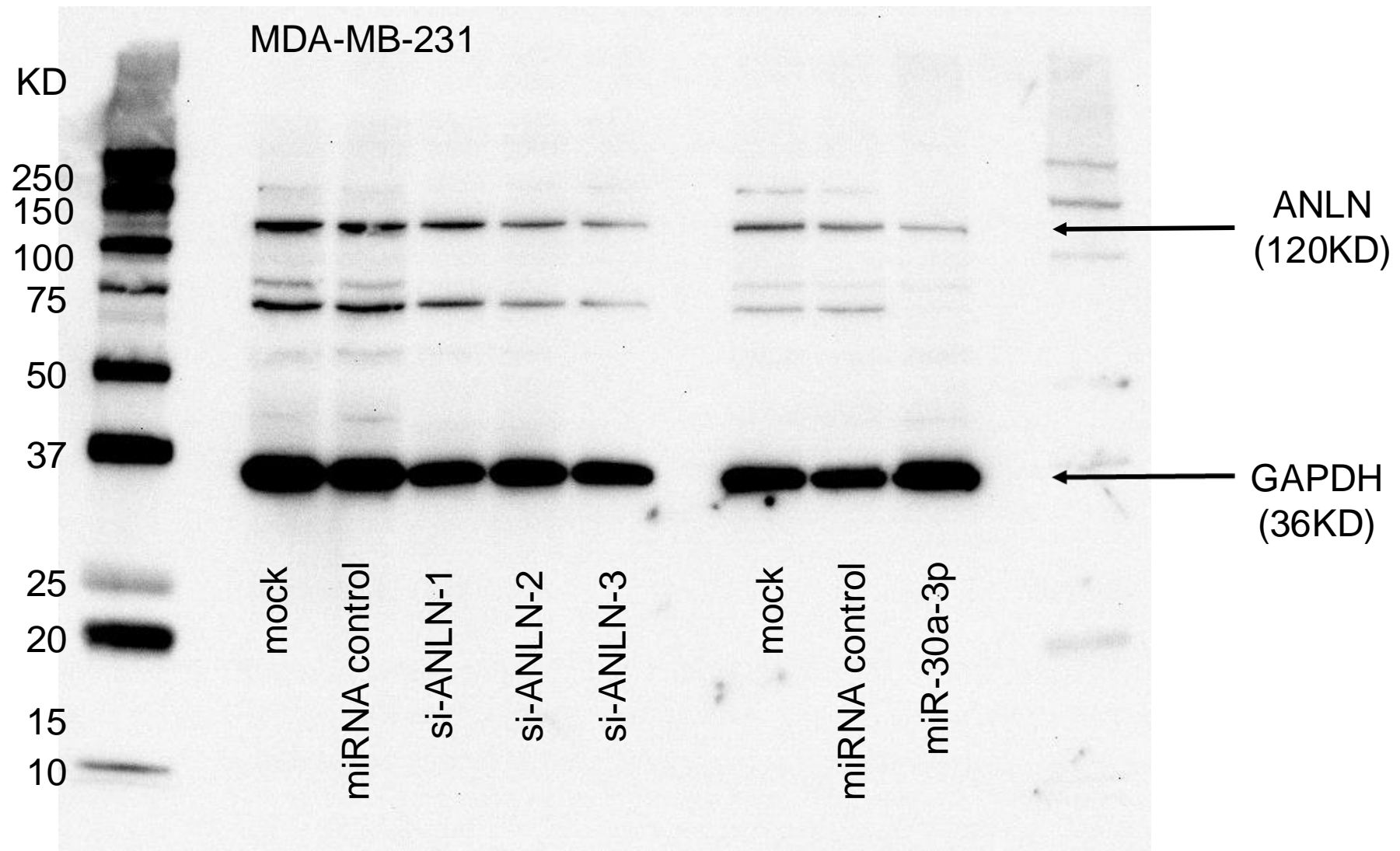
Cell migration

MDA-MB-157

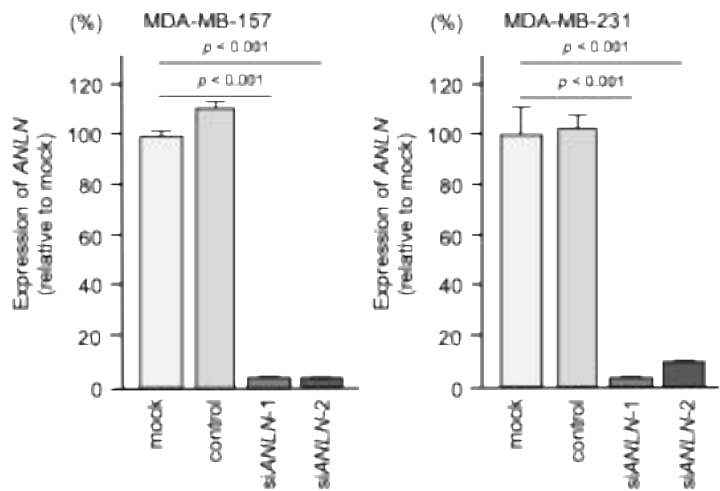
MDA-MB-231



### Supplementary Figure 3



Supplementary Figure 4





Supplementary Figure 5

Cell invasion

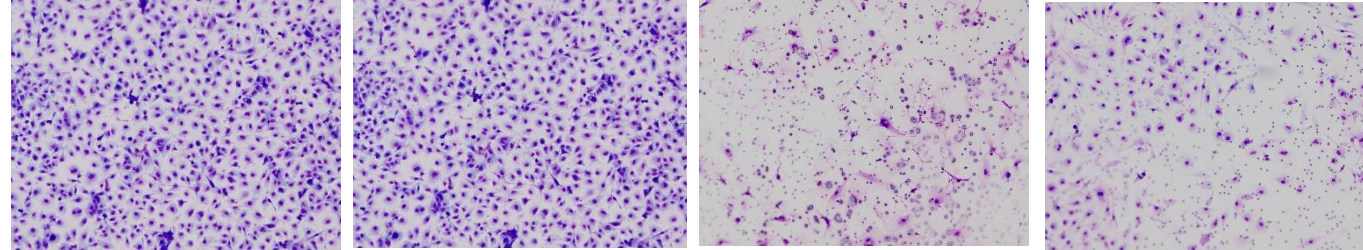
MDA-MB-157

mock

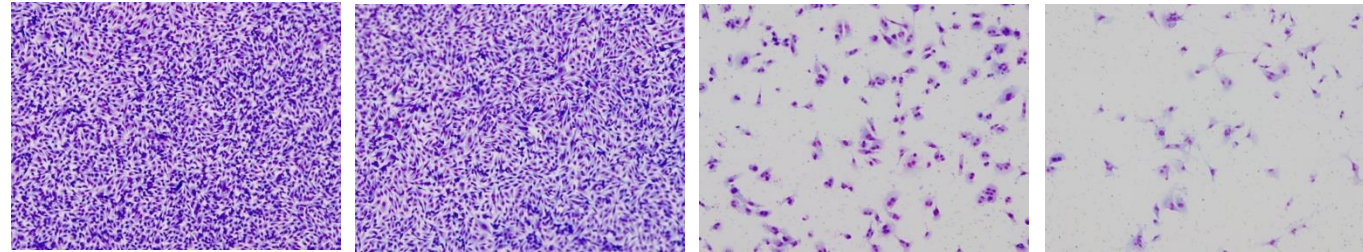
control

*siANLN-1*

*siANLN-2*



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Cell migration

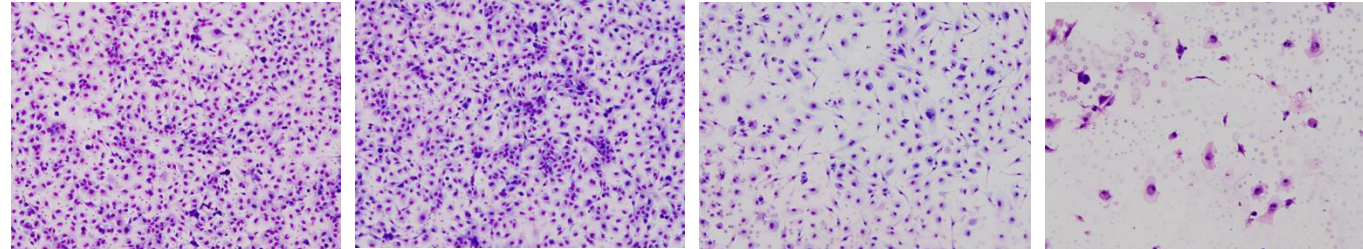
MDA-MB-157

mock

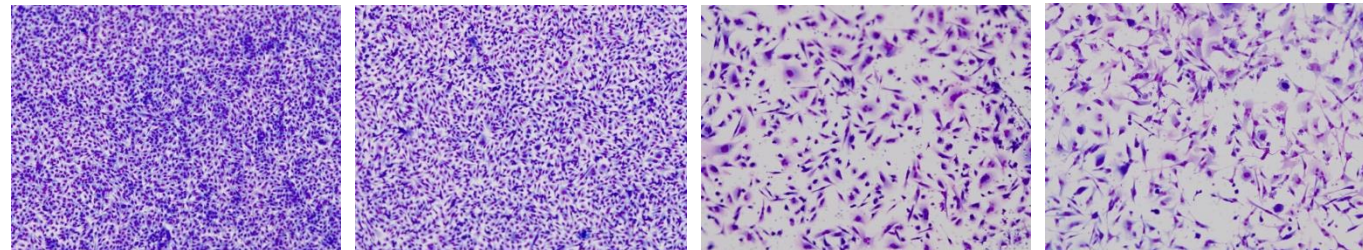
control

*siANLN-1*

*siANLN-2*



MDA-MB-231



## Supplementary Figure 6

actin binding protein (*ANLN*), transcript variant 2, mRNA (NM\_001284301)

```
3361 aatcaagttc ttgttgatat tcgcctctgg caacctgatg cttgctacaa acctattgga
3421 aagccttaa ccgggaaatt tccatgctat ctagagggtt ttgatgtcat cttaagaaac
3481 acacttaaga gcatcagatt tactgattgc attttatgct ttaagtacga aagggtttgt
3541 gccaatattc actacgtatt atgcagtatt tataatcttt gtatgtaaaa ctttaactga
3601 tttctgtcat tcatcaatga gtagaagtaa atacattata gttgatTTTT ctaaacttta
3661 atttaaaagc ctcatTTTcc tagaaatcta attattcagt tattcatgac aatattTTTT
3721 taaaagtaag aaattctgag ttgtcttctt ggagctgtag gtcttgaagc agcaacgtct
3781 ttcaggggtt ggagacagaa acccattctc caatctcagt agTTTTTTcg aaaggctgtg
3841 atcatTTatt gatcgtgata tgacttgTTa ctagggTact gaaaaaaatg tctaaggcct
3901 ttacagaaac atttttagta atgaggatga gaactTTTTc aaatagcaaa tatatattgg
3961 cttaaagcat gaggctgtct tcagaaaagt gatgtggaca taggaggcaa tgtgtgagac
```

### Vector cloning sequence

wild type:

tgatcgtgat atgacttgTT actagggt**ac tg**aaaaaaat gtctaaggcc ttacagaaagttt

deletion type:

tgatcgtgat atgacttgTT actagggt**-- -----**aaaaat gtctaaggcc ttacagaaagttt