



**Supplemental Figure S8: Colony formation in soft agar of MCF10A cells transduced with fusion constructs.**

$2 \times 10^4$  MCF10A cells were suspended in a top layer of RPMI-1640 containing 10 % fetal calf serum (FCS) and 0.35 % noble agar (Sigma) and plated on a bottom layer of RPMI-1640 containing 10 % FCS and 0.5 % soft agar in 6-well plates. The cells were additionally supplied with fresh growth medium supplemented with EGF every 3 days. After 6 weeks, colonies were stained and fixed with 0.05 % crystal violet in 20 % methanol. Colonies with a size bigger than 50  $\mu\text{m}$  were imaged and quantified using the Lionheart FX automated microscope (BioTek).