

Supplementary Materials

Figure S1. CUL4A activates *ERK1/2* signaling pathway. **(A)** The expression of *ERK1/2* and p-*ERK1/2* protein in MDA-MB-468-pBabe and MDA-MB-468-pBabe-CUL4A were assessed by Western blot. **(B)** The expression of *ERK1* and *ERK2* mRNA in MDA-MB-468-pBabe and MDA-MB-468-pBabe-CUL4A were assessed by RT-PCR. **(C)** The expression of *ERK1/2* and p-*ERK1/2* protein in MDA-MB-468/Adr-pSuper and MDA-MB-468/Adr-pSuper -shCUL4A were assessed by Western blot. **(D)** The expression of *ERK1* and *ERK2* mRNA in MDA-MB-468/Adr-pSuper and MDA-MB-468/Adr-pSuper -shCUL4A were assessed by RT-PCR. The expression of GAPDH mRNA and β -actin protein were also examined and served as controls for sample loading. Bar graphs represent mean \pm SEM of three independent experiments. 468: MDA-MB-468. ^{##} $p < 0.01$ vs. pBabe cells; ^{**} $p < 0.01$ vs. pSuper cells.

