

CORRECTION OPEN



Correction: Androgen deprivation restores ARHGEF2 to promote neuroendocrine differentiation of prostate cancer

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In this article the caption of Fig. 6 has been given erroneously. It should be read:

Fig. 6. Targeting ARHGEF2 reduces the tumor growth of prostate cancer cells. **A** Transwell migration assay in LNCaP-AI cells infected with lentiviruses carrying shARHGEF2. The left panel shows the representative microphotographs from a single independent experiment (scale bar = 100 μ m). **B** MTT assays in LNCaP-AI cells infected with lentiviruses carrying shARHGEF2. Cell growth assessed daily for 6 days using an MTT assay in LNCaP-AI cells. Data were obtained from three independent experiments with samples in triplicate. **C** Transwell migration assay in 22RV1 cells infected with lentiviruses carrying shARHGEF2. The left panel shows the representative microphotographs from a single independent experiment (scale bar = 100 μ m). **D** MTT assays in 22RV1 cells infected with lentiviruses carrying shARHGEF2. Cell growth assessed daily for 6 days using an MTT assay in 22RV1 cells. Data were obtained from three independent experiments with samples in triplicate. **E, F** Transwell migration assay (**E**) from a single independent experiment and MTT assays (**F**) in LNCaP cells infected with lentiviruses carrying overexpressed ARHGEF2 (oeARHGEF2). **G** Representative image of the dissected tumors was shown. **H** Growth curves of xenografts of 22RV1 cells infected with shSCR or shARHGEF2. Data are

representative of mean \pm SD of $n=5$ tumors per group. **I** Representative image of the dissected tumors was shown. Representative images showing immunostaining ($\times 100$ and $\times 200$ magnification) for ARHGEF2, FGFR1, p-ERK, SOX2, CHGA, SYN and Ki-67 in tumor specimens obtained from xenografts. For panels **A, C, E** two-tailed unpaired Student's t-test; For panels **B, D, F, and H**, two-way ANOVA, Sidak's multiple-comparisons test was applied. * $P \leq 0.05$, ** $P \leq 0.01$, *** $P \leq 0.001$, and **** $P \leq 0.0001$.

The original article has been corrected.



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