CORRECTION

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Correction: Novel fusion protein PK5-RL-Gal-3 C inhibits hepatocellular carcinoma via anti-angiogenesis and cytotoxicity

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Following publication of the original article [1], the authors identified an error in Fig. 3F. The representative tube formation figure of lactose group was wrong. The correction does not have any effect on the results and

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The online version of the original article can be found at https://doi. org/10.1186/s12885-023-10608-9.

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conclusions of the article. The corrected Fig. 3 is given in this correction article and the original article [1] is corrected.

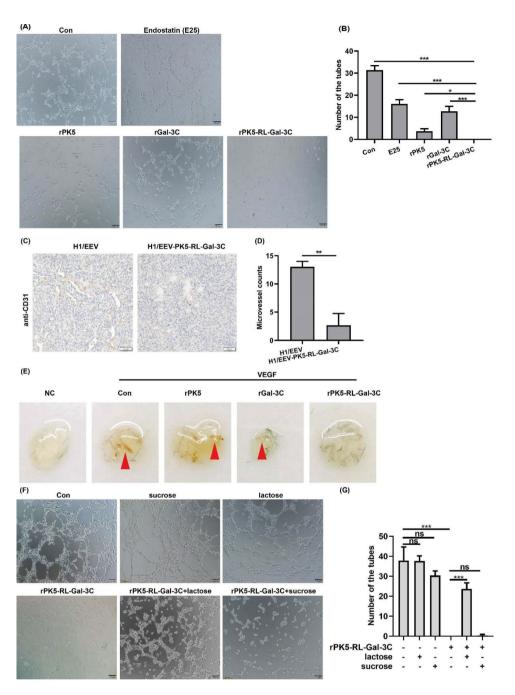


Fig. 3 PK5-RL-Gal-3 C inhibits angiogenesis in vivo and in vitro. Tube formation assay in vitro was performed to determine the inhibitory effect of rPK5-RL-Gal-3 C on angiogenesis according to the materials and methods. **A** and **B** rPK5-RL-Gal-3 C exhibited stronger inhibitory action than E25, rPK5 and rGal-3 C on tube formation in vitro. After treated with H1/EEV and H1/EEV-PK5-RL-Gal-3 C nanoparticles, the tumors were removed and stained by CD31 antibody using IHC. **C** and **D** H1/EEV-PK5-RL-Gal-3 C treatment down-regulated the expression of CD31 in tumor tissues. VEGF-induced matrigel plug assay in vivo were performed to determine the inhibitory effect of rPK5-RL-Gal-3 C on angiogenesis according to the materials and methods. **E** rPK5-RL-Gal-3 C exhibited stronger inhibitory action than rPK5 and rGal-3 C in VEGF-induced matrigel plug assay model in vivo. **F** and **G** lactose partially blockaded the inhibitory action of rPK5-RL-Gal-3 C but not sucrose. Significant differences are denoted by * for *p* < 0.05, ** for *p* < 0.01, *** for *p* < 0.001 and ns, no significance

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References

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