

RETRACTION NOTE

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Retraction Note: Downregulation of lncRNA ZNF582-AS1 due to DNA hypermethylation promotes clear cell renal cell carcinoma growth and metastasis by regulating the N(6)-methyladenosine modification of MT-RNR1

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Retraction Note: *J Exp Clin Cancer Res* 40, 92 (2021)
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The Editor in Chief has retracted this article. After publication, concerns were raised about the following issues:

- OSRC2-ZNF582-AS1 CON panel in Fig. 4c appears to partially overlap with the OSRC2-MT-RNR1 OE panel in Fig. 9g;
- The highlighted sequences in Fig. 6g do not appear to correspond to the positions of the peaks as reported in Fig. 6a;
- There appears to be substantial overlap between this paper and two previously-published papers [1] and [2]

that have one and two authors in common with this paper, respectively.

- The reference number of the ethics permit as reported in the article appears to have been used in multiple other studies dealing with topics and studies that appear to require separate approvals.

The authors provided an explanation which did not address the concerns adequately. The Editor in Chief, therefore, has lost confidence in the integrity of the article's findings. The corresponding author has stated on behalf of all authors that they disagree to this retraction.

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2. Li Y, Gong Y, Ning X, et al. Downregulation of CLDN7 due to promoter hypermethylation is associated with human clear cell renal cell carcinoma progression and poor prognosis. *J Exp Clin Cancer Res*. 2018;37:276. <https://doi.org/10.1186/s13046-018-0924-y>.

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