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**Manuscript title:** Downregulated RBM5 Enhances CARM1 Expression and Activates PRKACA/GSK3 $\beta$  Signaling Pathway Through Alternative Splicing-Coupled Nonsense-Mediated Decay

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**Article type:** Article

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### Authors' contributions

We follow International Committee of Medical Journal Editors (ICMJE) recommendation of authorship, which is based on the following 4 criteria:

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All those designated as authors should meet all four criteria for authorship, and all who meet the four criteria should be identified as authors. Those who do not meet all four criteria should be acknowledged. Please insert here the contribution each author made to the manuscript—e.g., literature search, figures, study design, data collection, data analysis, data interpretation, writing etc. If all authors contributed equally, please state this. The information provided here must match the contributors' statement in the manuscript.

**Author Contributions:**

**Yan-ping Zhang** carry out the design and conception, the methodology, acquisition of the data, analysis and interpretation of the data, writing, review and revision of the manuscript.

**Fang Li** carry out the design and conception, the methodology, and acquisition of the data.

**Zhen-wei Han** carry out the methodology, analysis and interpretation of the data.

**Zhi-hai Teng** carry out the methodology and animal models.

**Cheng-gen Jin** carry out acquisition of the data.

**Hao Yuan** carry out acquisition of the data.

**Si-hao Zhang** carry out acquisition of the data and animal models.

**Ke-xin Sun** carry out animal models.

**Conflicts of interest**

Please insert here: 1. authors' conflicts of interest; 2. sources of support for the work, including sponsor names along with explanations of the role of those sources if any in study design; collection, analysis, and interpretation of data; writing of the report; 3. the decision to submit the report for publication; or a statement declaring that the supporting source had no such involvement, etc.

This study was supported by the Natural Science Foundation of Hebei Province(Grant H2021206080), The Health Commission of Hebei Province(20180269,20200937)

The authors declare no conflicts of interest.

I agree with: the plan to submit/publish to Cancers; the contents of the manuscript; to being listed as an author; and to the conflicts of interest statement as summarised. I have had access to all the data in the study (for original research articles) and accept responsibility for its validity.

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I Yaxuan Wang, the corresponding author of this manuscript, certify that the contributors' and conflicts of interest statements included in this paper are correct and have been approved by all co-authors.