

Certificate of Biostatistics

17 August 2021

To whom it may concern

Title of this study: **High tumor mutation burden indicates a poor prognosis in patients with intrahepatic cholangiocarcinoma**

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The letter is to confirm that I have read the ethics application prepared for this study, and that in my opinion the statistical methods and techniques mentioned are appropriate for the research.

Please contact me if you have any queries.

Sincerely,



Wang Dingliang

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