

This document certifies that the manuscript

LDLR c.89_92dup: A Novel Frameshift Variation in Familial Hypercholesterolemia

prepared by the authors

Jialing Deng, Ju Zhang , Shirui Meng, Nan Ding, Yu Hao, Hui Zeng, Jie Lin

was edited for proper English language, grammar, punctuation, spelling, and overall style
by one or more of the highly qualified native English speaking editors at SNAS.

This certificate was issued on **May 24, 2024** and may be verified
on the [SNAS website](#) using the verification code **E3D0-BAC7-D8C8-84D8-4F31**.

Neither the research content nor the authors' intentions were altered in any way during the editing process. Documents receiving this certification should be English-ready for publication; however, the author has the ability to accept or reject our suggestions and changes. To verify the final

SNAS edited version, please visit our verification page at secure.authorservices.springernature.com/certificate/verify.

If you have any questions or concerns about this edited document, please contact SNAS at support@as.springernature.com.