**Transposable element-derived noncoding RNAs as blood-based biomarkers of COVID-19 and cancer**

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**Abstract**

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**Author Contributions**

D.H.K. conceived and designed the study and wrote the manuscript, R.E.R. performed computational analysis and generated figures, S.V.M. performed experiments, and Y.A. and S.Y.C. provided resources. The authors declare no competing interests.

**Figure Legends**

**Supplementary Information**