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Supplemental Information

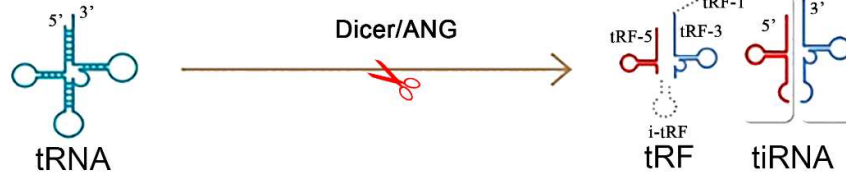
tRNA-derived fragments tRF^{GlnCTG}

induced by arterial injury promote

vascular smooth muscle cell proliferation

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A



B

real-time qPCR procedure of tRF / tiRNA

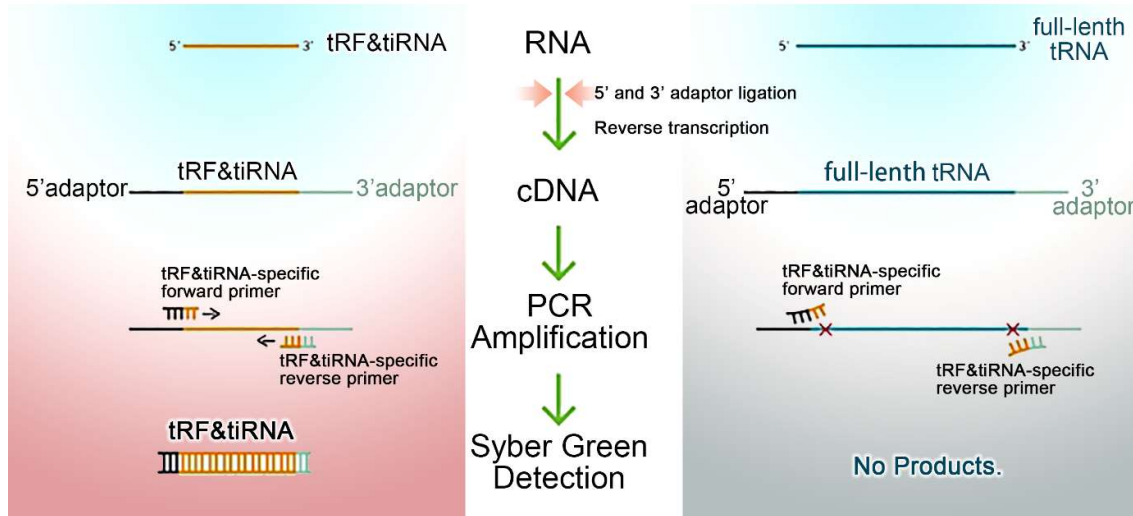


Figure S1. The formation of tRF/tiRNA and the PCR detection process.

(A) tRFs & tiRNAs are derived from the cleavage of tRNA by Dicer or angiogenin (Ang). (B) By introducing 5' and 3' adaptors, the specific tRF&tiRNAs was detected with no amplification of tRNA or pre-tRNAs.