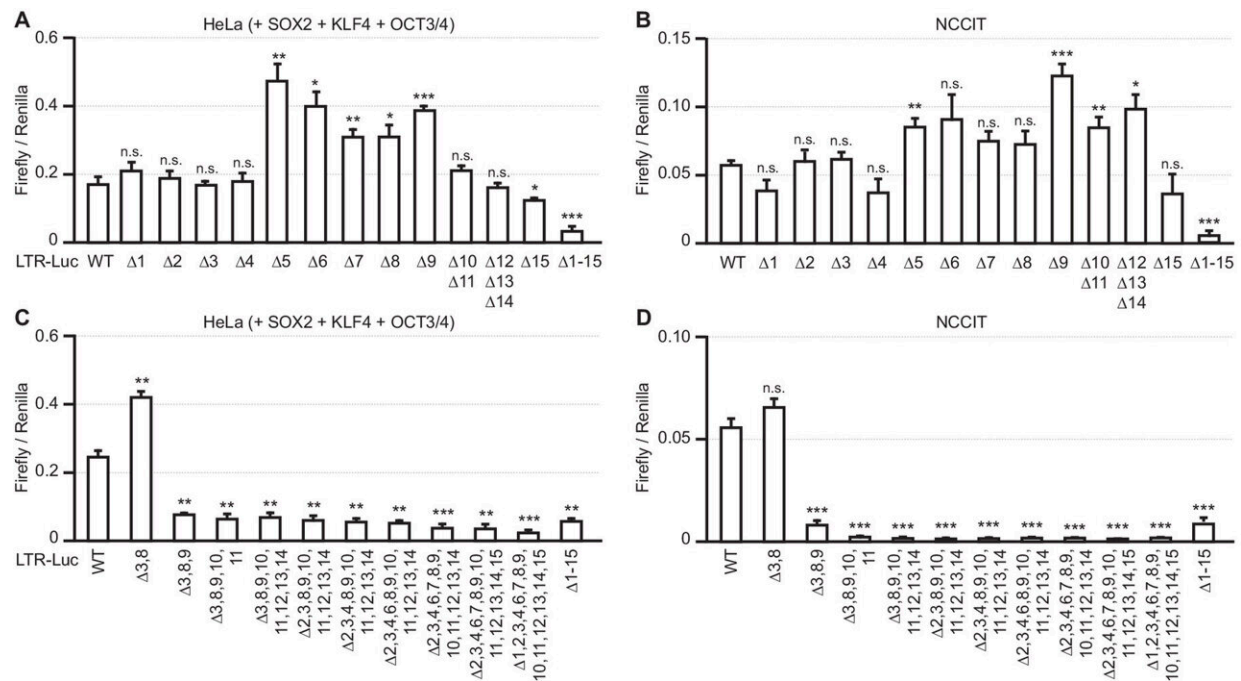


# Ancient viral elements embedded in human genome are not from fossil retrovirus

May 27 2022



Multiple SOX2-binding motifs contribute to HERV-K transcription. HeLa (A and C) and NCCIT (B and D) cells were cotransfected with pHERV-K LTR mutants, the indicated plasmids, and the Renilla-Luc plasmid. The luciferase activity was measured. For panels A to D, data from three independent experiments are shown as means  $\pm$  standard deviations. P values were determined by Student's t test. \*, P

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