

**Figure S3.** Alignment of Lynx lineage individuals at locus 106256 reveals a conserved Can-SINE in all species, a Can-SINE immediately adjacent in *L. pardinus* and some *L. lynx* individuals, and a different Can-SINE insertion that begins 260 bp 3' of the conserved SINE in all *L. canadensis* and some *L. lynx* individuals. Each insertion has unique TSDs, as well as distinct SNPs in the trna related region. Yellow-highlighted regions mark target site duplications and gray-shaded regions denote the A and B RNA polymerase III recognition sequences.