```
                    10        20        30        40        50        60        70        80        90       100       110       120
                     5'TSD                        Pol A Box                                                                    Pol B Box
Consensus   AAACTCTGGTTATACGTTTAAAATAAAGATTTATTTGGGGCGCCTGGGTGGCGCAGTCGGTTAAGCGTCCGACTTCAGCCAGGTCACAATCTCGCGGTCCGTGAGTTCGAGCCCCGCGTCGGGCTCTGGG
F.catus     .................................----------------------------------------------------------------------------------------------------
L.colocolo  .................................----------------------------------------------------------------------------------------------------
L.wiedii    .................................----------------------------------------------------------------------------------------------------
O.guigna    ..................................................................................................................................
L.pardalis  ..................................................................................................................................
L.jacobita  ..................................................................................................................................
L.tigrina   ..................................................................................................................................
O.geoffroyi ..................................................................................................................................

                   140       150       160       170       180       190       200       210       220       230       240       250
            >>>>>>>>CT Rich Region>>>>>>>>>>>>>>>****************Poly AT tail*******    3' TSD
Consensus   CTGATGGCTCAGAGCCTGGAGCCTGTTTCCGATTCTGTGTCTCTGTCTCTCTCTGTCCCAAAAATAAATAAACTTTAAAAAAAAATAAATAAATAACAAATAAAGATTTATTTTTAATCCAAGTTTTCAT
F.catus     ------------------------------------------------------------------------------------------------------..................
L.colocolo  ------------------------------------------------------------------------------------------------------..................
L.wiedii    ------------------------------------------------------------------------------------------------------..................
O.guigna    ..................................................................................................................................
L.pardalis  ..................................................................................................................................
L.jacobita  ..............................................................................................-------.................
L.tigrina   ..................................................................................................................................
O.geoffroyi ..................................................................................................................................
```

Figure S5. Alignment of Ocelot (*Leopardus)* lineage individuals at locus 133135 reveals, a Can-SINE insert in all 9 *L. pardalis*, 8 *L. tigrina,* 8 *O. geoffroyi* and each *O. guigna* and *L.jacobita* individuals examined, yet absent from all 3 *L. colocolo* and 2 *L. wiedii* individuals examined. Yellow-highlighted regions mark target site duplications and gray-shaded regions denote the A and B RNA polymerase III recognition sequences.