



Supplementary Figure 2: Relative frequencies of TSD lengths. Bar chart of the length distribution of TSDs flanking L1 (A) and *Alu* (B) elements. Orange bars represent the distribution of the TSDs identified by TSDfinder in the human genome. Dark brown bars mirror TSDs of the subset of elements that met our selection criteria for standard insertions. The x axis displays the range of TSD lengths in nucleotides; although the maximum TSD length found was 60 nts, the axis is truncated at 30 nts due to the low incidence of large TSDs. The y axis displays the relative frequencies of TSDs of different lengths.