**Supplementary Data**

**Supplementary Material** - Ketola et al Supplementary Material

**Supplementary Table 1** - L1 retrotransposition evens identified by TraFiC analysis in A34 in the current study.

**Supplementary Table 2** - FANCI siRNA experimental data depicted in Supp Fig S3

**Supplementary Table 3** - qPCR primers used for L1-ORF1, L1-ORF2, FANCI, and GAPDH.

**Supplementary Table 4** - SNVs and indels in A34 subclones. Eradicated subclones are subclone numbers 12, 13, 14, and 15.

**Supplementary Table 5** - Concordance of L1 insertion calls from the current study with insertion calls reported in Tubio et al.