

AAGAGGGGAGGAGCCAAGATGGCCGAATAGGAACAGCTCCGGTCTACAGCTCCCAGCGTG
GCGACGCAGAAGACGGGTGATTTCTGCATTTCCATCTGAGGTACCGGGTTCATCTCACTA
GGGAGTGCCAGACAGTGGGCGCAGGTCAGTGGGTGCGGCGCACCGTGC GCGAGCCGAAGC
AGGGCGAGGCATTGCCTCACTTGGGAAGCGCAAGGGGTCAGGGAGTTCCTTTCCGAGTC
AAAGAAAGGGGTGACGGACGGCACCTGGAAAATCGGGTCACTCCCACCCGAATACTGCGC
TTTTCCGACCGGCTTAAAAAACGGGCGCACCACGAGATTATATCCCGCACCTGGCTCGGAG
GGTCTTACGCCACGGAGTCTCGCTGATTGCTAGCACAGCAGTCTGAGATCAAAGTCAA
GGCGGCAGCGAGGCTGGGGGGAGGGGCGCCCGCCATTGCCAGGCTTGCTTAGGTAAACA
AAGCAGCCGGGAAGCTCGAACTGGGTGGAGCCCACCACAGCTCAAGGAGGCCTGCCTGCC
TCTGTAGGCTCCACCTCTGGGGGCAGGGCACAGACAAACAAAAAGACAGCAGTAACCTCT
GCAGACTTAAATGTCCCTGTCTGACAGCTTTGAAGAGAGCAGTGGTTCCTCCAGCACGCA
GCTGGAGATCTGAGAACGGGCAGACTGC **CTCCTCAAGTGGGTC** CCTGACC**CCTGACCCCC**
GAGCAGCCTAACTGGGAGGCACCCCCCAGCAGGGGCACACTGACACCTCACACGGCAGG
GTATTCCAACAGACCTGCAGCTGAGGGTCTGTCTGTTAGAAGGAAAATAACAAACAGA
AAGGACATCCACACCAAAAACCCATCTGTACATCACCATCATCAAAGACCAAAAGTAGAT
AAAACCACAAAG

SUPPLEMENTARY FIG. S1. DNA consensus of the L1PA2 5'UTR promoter region, generated by CLUSTALX alignment of 2230 sequences, obtained from Human Genome Build 16.