

↗ TSS
 1 TCGAGGCAAGATGTGAGCACAACCTGGAGCAAGGGTGACTCGATGCCAGGAAGAGAGCA
 61 GCCAAGAAATGCTGGCCCTGGGAAGTCAAGGAAATGGGTCGCAGAAGCTCTGGTGACAT
 121 CTTGACTTTACAGAGGCTCAGTTTGGAAACATTAAGATAAGAAGTTCGTGTAAGTCAGTAA
 181 TCTTGTAAATTGGTTAGTGTGGCCACAGATCCTATAGCAAAAAGAGGTTCCAGGGGAAGAAGG
 241 ATTCCTCTGTCATATCATAGTCTCAATCTGTCTTGTGAATTGTGTAGTGGGGTGTGGGTG
 301 AGAGGGATCCTAAAATAAACTGCTTGAGAGCAGTAGCTCATGTGGCTCCAGAACATTCTT
 361 TTCTGGATGGCGACTTTCATTGCCCTTCTGCTGGCTTCCATTGCTGTGGAGGTGCCCAT
 421 AGCTCTACCATAAAACCAGTTGTCTCTCCCTGGTTGGCTTTTGCCTTGTCTTATGCAGGG
 481 AACAAAGGGTATCCTGGGAAGTTGGTGCAGCGCTATCTGGGGAAACAGCTCAATGAAAGA
 541 CTTGCCTAGATCAGATTGGCCTGAGTGTGTCTGTGAGGGACTGTCTTTGTTGTTAACTGG
 601 TGCAGGAGGGCATCCTGAGTCTCTGTTGTGGAATGCTCCGAGCATGGCTTCCATCTTGAT
 661 CAGAATAGACGTTGACCACCTCTGACCCTCAACAAGATGGCTGCTGGAGCCCACAGACCT
 721 TCCCTTCGAGGTGTTGGGGAGGCTCACAGGACTTCGTTTGAGATTCTATCACTCACTCT
 781 GTTCTGTACCCTCCCCTCCTGGCAGTATGCAATCCAGATCAGGAGGTGCTGACTATATAC
 841 GGTGCGGACCATTGGCTGAAGGGTTGGAGGCTCCATCCATGCAGCCCTGGGGAAATCTTC
 901 ATCCAATCATGGGTGGAGACGCCTTAATTGTGCAGCCATTGGGGGAATACCAACAGTTCT
 961 GTAAGGAATCTCTCATCCACAATCCTGTAAGCAACTCTAATATGCTCATTGGTTCACCAA
 1021 GATGGACGTGGGTGGAATCCTTACTTTTGTCCATCACTGACGCCCCATCTGGGGTAAGCA
 1081 GGTGTCCACCCGCATCTCCCCAGGAAAAGTTCACATAACTGTCACACAGAGGGAACTTGA
 1141 GCCACTTCACCCACAGCCCGACGTACACAGGCAACTCCGTGCCCCGCCCTGTCAAGGCA
 1201 TCAAGGTTAATTCCCGGCTGCCAGCCAGTATTTAACTTTCCACGTAAGATTAAACGTTTG
 1261 GATTTGTAAAAAGCCAGCATTGCAGACTCCAGGCAGCAGGGCTTACAGGTCTCAAGCTG
 1321 AAAGTGCCAGCCTGCTGAGATTTACATCCAGTCCTGAAGAGGGGCAGAGCCTGGCTTTC
 1381 TGAAGGTCTCCTGCATTGCTCACATACCACACAG

Supplementary figure 2. KCNE2 Exon 0, retained intron and exon 1 sequence. Blue letters, Exon 0; red letters, retained intron and green letters, exon1. Underlined letters, transcription start sites and the predominant start site is marked with an arrow.