

Supplement 3. hSMN1 and coSMN1 sequences

hSMN1

>>ATGGCGATGAGCAGCGGCGGCAGTGGTGGCGGCGTCCCGGAGCAGGAGGATTCCGTG
CTGTTCCGGCGCGGCACAGGCCAGAGCGATGATTCTGACATTTGGGATGATACAGCACTG
ATAAAAGCATATGATAAAGCTGTGGCTTCATTTAAGCATGCTCTAAAGAATGGTGACATTTG
TGAAACTTCGGGTAAACCAAAAACACACCTAAAAGAAAACCTGCTAAGAAGAATAAAAG
CCAAAAGAAGAATACTGCAGCTTCCTTACAACAGTGGAAAGTTGGGGACAAATGTTCTGCC
ATTTGGTCAGAAGACGGTTGCATTTACCCAGCTACCATTGCTTCAATTGATTTAAGAGAGA
AACCTGTGTTGTGGTTTACACTGGATATGGAAATAGAGAGGAGCAAAATCTGTCCGATCTA
CTTTCCCAATCTGTGAAGTAGCTAATAATATAGAACAGAATGCTCAAGAGAATGAAAATG
AAAGCCAAGTTTCAACAGATGAAAGTGAGAACTCCAGGTCTCCTGGAAATAAATCAGATAA
CATCAAGCCCAAATCTGCTCCATGGAACCTTTTTCTCCCTCCACCACCCCCCATGCCAGGG
CCAAGACTGGGACCAGGAAAGCCAGGTCTAAAATTCAATGGCCCACCACCGCCACCGCCA
CCACCACCACCCCACTTACTATCATGCTGGCTGCCTCCATTTCTTCTGGACCACCAATAAT
TCCCCCACCACCTCCCATATGTCCAGATTCTCTTGATGATGCTGATGCTTTGGGAAGTATGT
TAATTTTCATGGTACATGAGTGGCTATCATACTGGCTATTATATGGGTTTCAGACAAAATCAA
AAAGAAGGAAGGTGCTCACATTCCTTAAATTAA*

coSMN1

>>ATGGCCATGAGCTCCGGAGGATCTGGAGGAGGCGTGCCTGAGCAGGAGGACAGCGTG
CTGTTCCGGAGAGGCACCGGCCAGAGCGACGATTCCGACATCTGGGACGATACAGCCCTG
ATCAAGGCCTACGATAAGGCCGTGGCCTCCTTTAAGCACGCCCTGAAGAACGGCGATATCT
GCGAGACCAGCGGCAAGCCTAAGACCACACCAAAGCGGAAGCCCGCCAAGAAGAACAA
GTCCCAGAAGAAGAATACAGCCGCCTCTCTGCAGCAGTGGAAAGTGGGCGACAAGTGCTC
CGCCATCTGGTCTGAGGATGGCTGTATCTATCCCGCCACCATCGCCTCCATCGACTTCAAG
CGGGAGACCTGCGTGGTGGTGTACACAGGCTATGGCAACAGAGAGGAGCAGAATCTGAG
CGATCTGCTGTCCCCAATCTGTGAGGTGGCCAACAATATCGAGCAGAACGCCCAGGAGAA
CGAGAATGAGTCTCAGGTGAGCACAGACGAGTCCGAGAACAGCCGGAGCCCAGGAAACA
AGTCTGATAATATCAAGCCTAAGTCTGCCCCATGGAACAGCTTCCTGCCCCCTCCACCCCCT
ATGCCAGGACCTAGGCTGGGACCAGGCAAGCCCGGCCTGAAGTTTAATGGACCTCCCCCA
CCTCCTCCACCACCACCTCCACACCTGCTGAGCTGCTGGCTGCCACCTTTCCCATCCGGAC
CACCAATCATCCCTCCACCACCTCCAATCTGTCCTGACAGCCTGGACGATGCCGATGCCCT
GGGCTCTATGCTGATCAGCTGGTACATGTCCGGCTATCACACCGGCTACTATATGGGCTTTA
GGCAGAACCAGAAGGAGGGCCGCTGTTCCCACTCTCTGAATTGA