

Supplementary Material

Sequence of the gene overexpressing PCSK7

ATGCCGAAGGGGAGGCAGAAAGTGCCACACTTGGATGCCCCCTGGGCCTGCCACCTGCCTCTGGCTGGA-
ATTAGCCGGGCTCTTCTTACTGGTTCCCTGGGTCATGGGCCTGGCAGGGACAGGTGGGCCTGATGGCCA-
GGGCACAGGGGGCCGAGCTGGGCTGTGCACCTGAAAGCCTGGAAGGTGACGGGGAGGAAGAGA-
CTCTGGAGCAGCAGGCGGATGCCTTGGCCAGGCAGCAGGGCTGGTGAATGCTGGACGCATCGGAG-
AGCTTCAGGGGCACTACCTCTTTGTCCAGCCTGTGGGCACAGGCCGGCCCTGGAGGTGGAGGCCAT-
CCGGCAGCAGGTGGAGGCTGTGTTGGCTGGGCATGAAGCTGTGCGCTGGCACTCAGAGCAGAGGCTGCT-
AAGGCGGGCCAAGCGCAGCGTCCACTTCAACGACCCCAAGTACCCGCAGCAATGGCACCTGAATAAC-
CGACGGAGCCCGGCAGGGACATCAACGTGACGGGTGTGTGGGAACGCAATGTGACTGGGCGAGGGGT-
GACGGTGGTGGTAGTGGATGACGGAGTGGAAACACACCATCCAGGACATTGCACCCAACCTATAGCCC-
TGAGGGTAGCTATGACCTCAACTAATGACCCTGACCCCATGCCCAACCCGGATGTGGAGAATGGCAACCA-
CCATGGCACGCGATGTGCAGGAGAGATCGCGGCTGTGCCAACAACAGCTTCTGTGCCGTGGGCG-
TGGCCTACGGGAGCCGCATCGCAGGTATCCGGGTACTGGATGGACCTCTCACAGACAGCATGGAGGCAGTG-
GCGTTCAACAAGCACTATCAGATCAATGACATCTACAGCTGCAGCTGGGGACCAGATGACGATG-
GGAAGACAGTGGATGGCCCCCATCAGCTTGAAAAGGCTGCCTTACAACATGGGGTGATTGCTGGTCGCCAGGG-
CTTTGGGAGCATCTTTGTGGTAGCCAGTGGCAACGGAGGCCAACACAACGACAACACTGCAACTACGAT-
GGCTACGCCAACTCCATCTACACCGTCACCATAGGAGCTGTGGATGAGGAGGGACGCATGCCTTTCTATGCA-
GAAGAATGTGCCTCCATGCTGGCAGTCACCTTCAGTGGTGGGGACAAGATGCTTCGGAGCATTGT-
GACCACTGACTGGGACCTTCAGAAGGGCACTGGCTGCACTGAGGGCCACACAGGGACCTCAGCTGCAGCGCT-
CTGGCAGCTGGCATGATAGCCTTAATGCTGCAGGTGCGGCCCTGCCTCACGTGGCGTGACGTCC-
AGCACATCATTGTCTTCACAGCCACCCGGTATGAGGATCGCCGTGCAGAGTGGGTACCAACGAGGCAGGCTTC-
AGCCATAGCCACCAGCACGGTTTTCGGCCTCCTCAACGCCTGGAGGCTCGTGAATGCAGCCAAGATC-
TGGACATCTGTCCCTTACTTAGCATCCTACGTACGTCAGTCCCGTGTAAAAGAAAACAAGGCGATTCCGCAGTCCC-
CCCGTTCCCTGGAGGTCCTGTGGAATGTCAGCAGGATGGACCTGGAGATGTCAGGGCTGAAGAC-
CCTGGAGCATGTGGCAGTGACAGTCTCCATCACTACCCACGGCGCGGCAGCTTGGAGCTGAAGCTGTTCTGC-
CCCAGTGGCATGATGTCCCTCATCGGCGCCCCCGCAGCATGGACTCGGATCCCAACGGCTTCA-
ATGACTGGACCTTCTCACTGTGCGATGCTGGGGGAGAGAGCCCGAGGGACCTACAGGCTTGTATCAGGG-
ATGTCGGGGATGAGTCATTCCAGGTCGGCATCCTCCGGCAATGGCAGCTGACCCTATATGGCTCTG-
TGTGGAGTGCAGTAGACATCAGGGACAGACAAAGGCTGTAGAGAGTGCCATGAGTGGAAAATACCTGCAC-
GATGACTTCGCCCTGCCCTGCCACCGGGCTGAAAATTCCTGAGGAAGATGGTTACACCATACCC-
CCAACACCCTCAAGACCCTGGTGTGGTAGGCTGTTTACCCTCTTCTGGACTGTTTACTACATGCTGGAAGTAT-
ATTTGAGCCAGAGGAATGTGGCTTCCAATCAAGTTTGTAGGAGTGGACCCTGCCACTGGCCCCATC-
GGAGCCGAAAGCCAAGGAGGAAGGGACAGAGCTAGAATCAGTGCCACTTTCAGCAGCAAGGATCCAGAC-
GAAGTGGAAACAGAGAGCAGGGGCCCTCCACCACCTCTGACCTCCTTGCCCCAGACCTGCTGGAG-
CAAGGGGACTGGAGCCTGTCCAGAACAAGAGCGCCCTGGACTGCCCTCATCAGCACCTAGACGTACCGCA-
CGGGAAGGAGGAGCAGATCTGCTGA