

Appendix 1

**CTCGAGAAGCTT**GCCACCATGGTGAGGGTGCAGCCCACCGAGTCCATCGTGAGGTTCCCCAACATCACCAACCT  
GTGCCCCTTCGGCGAGGTGTTCAACGCCACCAGGTTCCGCTCCGTGTACGCCTGGAACAGGAAGAGGATCTCAA  
CTGCGTGGCCGACTACTCCGTGCTGTACAACCTCCGCTCCTTCTCCACCTTCAAGTGCTACGGCGTGTCCCCACCA  
AGCTGAACGACCTGTGCTTCACCAACGTGTACGCCGACTCCTTCGTGATCAGGGGCGACGAGGTGAGGCAGATC  
GCCCCCGGCCAGACCGGCAAGATCGCCGACTACAACACTACAAGCTGCCCGACGACTTCACCGGCTGCGTGATCGCC  
TGGAACCTCAACAACCTGGACTCCAAGGTGGGCGGCAACTACAACACTACCTGTACAGGCTGTTCAGGAAGTCCAAC  
CTGAAGCCCTTCGAGAGGGACATCTCCACCGAGATCTACCAGGCCGCTCCACCCCTGCAACGGCGTGGAGGG  
CTTCAACTGCTACTTCCCCCTGCAGTCCTACGGCTTCCAGCCCACCAACGGCGTGGGCTACCAGCCCTACAGGGTG  
GTGGTGCTGTCTTCGAGCTGCTGCACGCCCCCGCCACCGTGGTGTGCGGCCCCAAGAAGTCCACCAACCTGGTG  
AAGAACAAGTGCCTGAACTTCGGCTGCTGATCGGCGCCGAGCACGTGAACAACCTCTACGAGTGCACATCCC  
CATCGGCGCCGGCATCTGCGCCTCTACCAGACCCAGACCAACTCCCCAGGAGGGCCAGGTCCGTGGCCTCCCA  
GTCCATCATCGCCTACACCATGTCCCTGGGCGCCGAGAACTCCGTGGCCTACAGGGCCCTGACCGGCATCGCCGT  
GGAGCAGGACAAGAACACCCAGGAGGTGTTGCCCGAGTGAAGCAGGTGAAGCAGATCTACAAGACCCCCCCC  
ATCAAGGACTTCGGCGGCTTCAACTTCTCCAGATCCTGCCCGACCCCTCCAAGCCCTCCAAGAGGTCTTCATCG  
AGGACCTGCTGTTCAACAAGGTGACCCTGGCCGACGCGGCTTCATCAAGCAGTACGGCGACTGCTGGGCGAC  
ATCGCCGACAGGGACCTGATCTGCGCCAGAAGTTCAACGGCCTGCACCACCACCACCACCTGAG**GAATTC**