# File S1

## 1. Upstream transcript sequence

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AACUUCCUCUUCAUAUUCUUUCAUUUAAUUAAUUAAUUAAUUGUAUCCCCCUCAACUAGCAGUUAGUUUUUUUUUUUUGUUUCAAAUAUACUUACUUUCAAUCAACGGAGAAAGUAAUCGAUUAUGGAUAAGACAAAUAGUCCAGGCAAAAAAGACAAUCGGUCUAGUGCAUCUCCUCAAAUACCGAAAAAACGGUCUAGAGUCCGACAACCAUUGAGUUGUUCAGUUUGCAGGAAAAGAAAACUGAAAUGUGAUCGGGCUCGUCCUUGUGGAACUUGUAUUAAAAAGAGUAUUGUACAUUUAUGUCAUUAUGAAGAUGAUAAUCGACCUCCCAUCAACCAUUUUCUACCCCCUGAACAACAAUUACACCCAACCCACAUUGACAAUAACGGAUAUAUAAUAACCGACCAACCACCGCCAAUACAUUAUCAAGACCCAUACAACAACCACAACCACAACCACCAUUUCCAGCAGCAGCAGCAGCAGCACCACCACAACACUAAUAAUGAUAGCAAUUUUGACCCAUCACUUCUGCAUAUACAAGCAAAUGGACAUAAUCAGUUUCAGCACCAACCAUUAUCAAGUCAUUCACCUCAGGGUAACCAUCAAUAUUUGCCAAUACCGCCACCACCACCGCCACCUCCACAACUGCAACAAUCACAACAUCCUCCUUCUAUUUCUCCAGCGGGGUAUAACUCUCUGAUAAAGAUGUCGCAGGCACAAAUCUCCAUUCCAACGCCACCACCGGCCACAAAAUCAUCUACUUCAACAUCAAAUCACAGUAGUCCAAACAGACCCCCUACUUCAUCAGGGCAAUCUAGUUACCACACCACCACUACCAACAAUUACUCUAAUUUCAAUCCUAGCACAGUUUCUAAUAUAAAUUCUAAACCAAAAUUGAAUUCAAUAAGUUUACCCUUACCACCACCUCCACCACCACCUUCUGUAACGACACCAUCUUUACCUAUGCCAUCCACCACAAAAUCAUCAAUAUCUGGCAUGAGUCUACAUCACGACAACACUUUUGGACAAGUUUCUAUUCCAUCUCCAAUCCCACCAAUAAAUGAAUUGUCACCAUCUUUACUGAGACUAAAAUCAUUAGGUUCAAACUCAGAUGGAGUGUUGUCACCAACUACAAUUGGAGUAAACGAUCUUCUUAAUCCAUCUAGAUCUAAUGGAGGCUAUAAUUGUGGGCGGACAAAAUAGUUGGGAACUGGGAGGGGUGGAAAUGGAGUUUUUAAGGAUUAUUUAGGGAAGAGUGACAAAAUAGAUGGGAACUGGGUGUAGCGUCGUAAGCUAAUACGAAAAUUAAAAAUGACAAAAUAGUUUGGAACUAGAUUUCACUUAUCUGGUUGGUCGACACUAGUGAUAAAAAAGGCCUGAUUUGGAUGGUAUAAACGGAAACAAAAAAAAGAGCUGGUACUACUUUCUUUAAAAUUAUUUUAUUAUUUGAUUUUAUUUAAUAGUAUAUAUUAUAUUUUGAACGUAGAUUAUUUUGUUGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

In red are indicated the putative polyA signal

2. Downstream transcript sequence



CAGGCGAUGAAAAUUUAUCACCAGUGGCAACAAAGAGACCAAAACUAGACAAUAAUGGUAAUGGAAACGCCAAUGGCAACGGUAACGGCAACAGCAGUGCAUCUUUAAAUACUGUAUCAAUGCCGAUGAACCGAUCAAAUUCUAAUGAUUCCAACUACUUAUCAAAUAAUGCCAAUUUCACUGAUGCAUUUGACAUGAUAUCGGAAAAUGAUAAACCAAGCAACAAUACCCCAUUGGAAACGUUUUCACCUCUGGUACAACAACAAUAUGAAAGUCCCAAGAAAACACCAGGAGAUAUGGCAUUUAUGCAAUCGUUUUAUAAUGGUGGACAAAAAAGACAGGAAUAUUAUAGAUUUGUUGAAGAUGAAGUUUCGAAAAUUUUGCCUGAUAAAACCAAUCUGUUUCAAUUAUUUUGCCGAUACUUUAGGUUUGUUAAUCCAUUUAUACAAAUAGUUGAUGAACAUGCAUUGUUAUUUGAUAUUAAUCCUAUACUCCCGAAAUUUUUGAAAUUUAAUCAUGAAAAAUUUACUGAAGUCAAGAUAAAAAGUGAAAAUGAUUUAAGAACAUUGGGGAUAUUUUUAUUGGUACUCAAACUUGGAUAUCAAACUAUGAUUCAUAACGAUAAUGAACAUAAUAAUUAUAAUGAACAAGAAUUGAGUAUUAUAGAUAGUAUGCAACAAUUGGAUAACCCCACUUUUAACCGAAUUAUCAAUUUGUGUAUUGCUGAUGGAUUAAUCACGGCCAGGUCAUCGUUCAAACUAGUUCAAUUAUUGGCAUUGUUAUAUCAUUAUAAAGGAAUGAGUCCUGAUGAUUCUCAUGGAUUAUCGAGUGCUGAUUCACAAAUUUUGUUGGGGACAAUAAUUAGACAUGCAUUUUCCAUUGGAUUAAACCGAGAUCCCACUCGUUACACCACAUUUGACAAUUUAGCGAAAAAUCAAGUAUUAAUUAAAACUUGGAGACAUCUUUGGUGGUUUUUAGUAGCCACCGAUGCCAUGAGUGCAUUGAAUAUUGAAUACUGGUUGUAAUUUGAAUGUAUCGAGUCUUGAUGGGUGUGAUGUUGAAUACCCGCACGUUUCAGAAGAUCCCACGGGUGAAAUGAACAAGAUAUAUGAAGUUUUAGCGAAAAUAUGUGAACAUUAUCGAAAUAUUGUCAAUAAGAUCAAUAAUUUACGACAAAAACCAAAAGUUGUGGAGAUUUUAAAAGAAACUAAUCAAAUGGAAAGAAUUUUUUUCGAUUUUUUCGGUAAAGAUUUUUUCAAAGAUGUGGUUUGUAAACCUGCUAAAGAACCGACUAAUGGGAAUGGAUUUGAAGAAGCUAGUAAAGAACAUAUGGAAAAAGUUGUUAAAGUUUUCAAAUAUUGUUUGUUUAUUCAAUUGAGAACCAAUUUAUCGGGGAUGUAUUAUAAAAUUGCCAUACAUUAUGAAAAUGAAUAUGAUAAAUCCAAGACCCCUUCUAUGAAAGCUGGGAUUGAAUUAUUUAAAAUUUAUAUUAAAAGUGUUGUACAAUUGGUUUAUAUCAUGUCUUAUGUUUUGGAUAAUUCUGUAUAUUUAUUUGGGAAAAAUUUUGAUUAUAUGUUAACGGCAUCGAAUGAAAGAUAUAUGAUUAAGACUCAUUCAUUUUUAACAUCAUUUUUCGUUAGAUUAUUACAUCAGAAAAAGGGACUGUCAUUUAAAGUUUUCAAAGAAAUCAGUUAUAUGUCACGAUUAGAAUGUAUUAAUAAUUUAUUUGAUAUUGUAUUGGAAGAUGUUGAAUUAUUUGUUGGUGAUUUCCGAAGAUUAUCUAAGACAUAUAUCAAUUCUUAUCGAUUAUAUAUUAUUACUUUUAUUGUUUUACGACAAUCAAUUGAUAAUUCUGACGCAUUUUUCGAAAAAGCCGCUAGUGAUCAACUGUUUUUCCAUCAAGGGACCAAUAUGAUUGAAUUUUUUUCACAACAAGAAUUAAAUCAUUUAUGCCGAUUAUGUAGAGAUUGGAGAAAUAUUAAAGAAGCUCAAAAAAAAUAUAAAGAUGCUAAAAAAAAAAAAAAAAAAAAAAA

In red are indicated the putative polyA signal