

Additional file 4. Sequence of the ARE-containing 3'UTR regions of KSRP target transcripts cloned into pCY vector [18]. Canonical ARE pentamers are highlighted in yellow while U-rich stretches are underlined.

hnRNPA1

AACAGGUUAUUUUAGUUUCUGUUCUGUGGAAAGUGUAAAGCAUUCCAACA
AAGGGUUUUAAUGUAGAUUUUUUUUUUUUGCACCCCAUGCUGUUGAUUGC
UAA AUGU AACAGUCUGAUCGUGACGCUGAAUAA AUGUCUUUUUUUUUAAUG
UGCUGUGUAAAGUUAGUCUACUCUUAAGCCAUCUUGGUAAAUUUCCCCAA
CAGUGUGAAGUUAGAAUCCUUCAGGGUGAUGCCAGGUUCUAUUUGGAA
UUUAUAUACAACCUGCUUGGGUGGAGAAGCCA

hnRNPA/B

CACAUGC UUUGUUUGGAUAUGGAGUGAACACAAUUAUGUACCAA AUUUUA
CUUGGCAAACUUUCUAUUGCCUGUCCCAUGUGCAUCUU AUUUUAAAAUUUC
CCCCAUGGAAAUCACUCUCC

hnRNPF

CAUUCUAGUUUAUAUUUUC AUUUUA AAAUCCUUUAGGUUAAGUUUAAGCUU
UUUAAAAGUUAGUUUUGAGAAUUGAGACACAAUACUAAUACUGUAGGAU
UGGUGAGGCCUUGACUAAAACUUUCUUUGUACUGUGAUUUCCUUUUGG
GUGUAUUUUGCUAAGUGAAACUUGUUAAA UUUUUUUGUUAACUAAA UUUUU
UUCUUAAAAUAAAGACUUUUUCACAAUGACUGGCACAGAUUACUCAGCAA
AAGAUAGCAAACGGGUGGUUGAAGAUAAUUCAUUUUAAUCGUAAUGUAU
UUUAGUGUGA AUUUUAAAAUUUCAUACAUC

GNAS

GGGAACCCCCAA AUUUUA AUUAAAGCCUUAAGCACAAUUAUUAAAAGUGAA
ACGUAAUUGUACAAGCAGUUAUCACCCACCAUAGGGCAUGAUUAACAAA
GCAACCUUUCUUCCCCCGAGUGAUUUUGCGAAACCCCCUUUUCUU
CAGCUUGCUUAGAUGUUCCAA AUUUUA GAAAGCUUAAGGCGGCCUACA

H3.3A

CAUUUCAUUCUCAAAAAAAAAAAAAAAAAUUUCUCUUCUCCUGUUAUUGGU
AGUUCUGAACGUUAGAUUUUUUUUUCCAUGGGGUCAAAGGUACCUAAG
UAUAUGAUUGCGAGUGGAAAAUAGGGGACAGAAUCAGGUUAUUGGCAG
UUUUUCCAUUUUUCAUUUGUGUGUGAAUUUUUAAUAUAAAUGCGGAGACGU
AAAGCAUUAUGCAAGUUAAAAUGUUUCAGUGAACAAAGUUUCAGCGGUUC
AACUUUAUAAUAAUUAUAAAUAACCUGUAAAUUUUUCU

PP2ACA

AACACCUCGUGAAUACAAUUUAACUUCCAUUUAGCUAUAGCUUUACUCAG
CAUGACUGUAGAUAAAGGAUAGCAGCAAACAAUCAUUGGAGCUUAAUGAAC
AUUUUUAAAAUAAUACCAAGGCCUCCCUUCUACUUGUGAGUUUUGAAA
UUGUUCUUUUUAUUUUCAGGGAUACCGUUUAAUUUAAUUUAUGAUUUUGU

SORBIN

UCAUUCUUUUCUCAUAUCCUUGGCUUUUAGAAAUGGUUACCUUCAGGACA
GUGCAGCUGCAUUUAUCAGAGCACUAUUGCUAAGUUUUCUUUUCUGGCU
UGUGUUUUUUCUGGGACAGUUUAGAAUUGGGAGGCCUAUUCUCAUAGAAC
ACCAAAAUGAUGUUCAGUGAUUCAUUUAACAUACACCAUGUACUCUGG
CU

PTMA

AUUUGCAACAGGGGAGGAAAAAGAACCAAAACUUCCAAGGCCCUGCUUU
UUUUCUUAAAAGUACUUUAAAAAGGAAAUUUGUUUGUAUUUUUUAUUUAC
AUUUUAUAUUUUUGUACAUUUGUUAGGGUCAGCCAUUUUUAAUGAUCUC
GGAUGACCAAACCAGCCUUCGGAGCGUUCU