Supplemental Table S1.  The Sequences of the ESS Decamers Obtained from Screen

| ESS Decamers | Names for ESS Tested |
|---|---|
| TTTGTTCCGT | ESS1 # |
| GGGTGGTTTA | ESS2 # |
| GTAGGTAGGT | ESS3 # |
| TTCGTTCTGC * | ESS4 # |
| GGTAAGTAGG | ESS5 |
| GGTTAGTTTA | ESS6 |
| TTCGTAGGTA * | ESS7 |
| GGTCCACTAG | ESS8 # |
| TTCTGTTCCT | ESS9 # |
| TCGTTCCTTA | ESS10 # |
| GGGATGGGGT | ESS11 # |
| GTTTGGGGGT | ESS12 # |
| TATAGGGGGG | ESS13 # |
| GGGGTTGGGA | ESS14 # |
| TTTCCTGATG | ESS15 |
| TGTTTAGTTA | ESS16 # |
| TTCTTAGTTA | ESS17 # |
| GTAGGTTTG | ESS18 |
| GTTAGGTATA | ESS19 # |
| TAATAGTTTA | ESS20 |
| TTCGTTTGGG | ESS21 |
| GTAGGGGTTA * | |
| GTAGGTACTA * | |
| GTTAGGTTTA * | |
| TCCGTTCCTG * | |
| TTCGTTCACT * | |
| TTTTGGGGGT * | |
| AAAGGGGGGA | |
| AAATTAGATG | |
| AAGTTAGGTA | |
| ACCCGTGATA | |
| ACGGGTTATA | |
| ACGTTTCCAT | |
| ACTCCAGGCG | |
| ACTTAGTTTA | |
| AGGTAGTTTA | |
| AGTTGTTGAC[a] | |
| ATAGGTTTTA | |
| ATGGGGGGGT | |
| ATTAGGGTTA | |
| CAGGTAGTTA | |
| CCCACTACAT | |
| CCGGCTTATG | |
| CCGGGGGGTG | |

CCGTTCTGTG

CCTATGTTTG

CGGGGTGGGA

CTAACTTCCT[a]

CTGGGTGGGG

CTTAGGTTTA

CTTGGGGGGT

CTTTTACCAA[a]

GATGGTGGGT

GGACGCAATG

GGGGGGGATG

GGGGGGTTTA

GGGGGTGGCA

GGGGGTGTGT

GGGTAGGGTG

GGGTGGGTAG

GGGTGTGGTG

GGGTTAGGGG

GGTAAGTGTA

GGTAAGTTTA

GGTAGGTTTA

GGTGGGGGAT

GGTGGGTTAT

GGTTGGGGAG

GGTTTAGTTA

GGTTTGGGGT

GGTTTTGGGT

GTAAGGCTTA

GTAAGGGGGT

GTAAGGTATA

GTAAGTCCTG

GTAAGTGAAG

GTAAGTGAGT

GTAAGTTTGG

GTAATGGGGG

GTAGGTATAC

GTAGGTATTG

GTAGGTTAGT

GTAGGTTTTT

GTAGTTTGTT

GTATAGGGTA

GTATGGGGGT

GTCGGGTGGG

GTGGGGGGTA

GTTAGTATTA

GTTAGTGTAG

GTTTAGGGTA
GTTTAGTATA
GTTTAGTTA
GTTTGGGGGG
GTTTGTTTCA
TAGGGGGGTA
TAGGTAGGGG
TAGGTTAGGG
TAGTTAGCTA
TCCGTTTACC
TCGTTCCGTA
TCGTTCCTTG
TGGCATACTA
TGGGGAGGGA
TGGTTAGGTA
TGTAGTCTAG
TGTAGTGTTA
TGTATAGTTA
TTAGATTAGT
TTAGGTTAGG
TTAGGTTAGT
TTAGTTTTTA
TTCGATTCCT
TTCGGGGGGT
TTCGTAAATA
TTCGTTAGGG
TTCGTTCAAA
TTCGTTCGCT
TTCGTTCGTG
TTCTAGGTTA
TTCTCAACTA
TTGTTAGGTA
TTGTTAGTTA
TTTAGTGTTA
TTTCTAGGTA
TTTGCATAAT
TTTGGTGGGT
TTTGTTCATA
TTTGTTCCAA
TTTGTTCCCG
TTTGTTCCTG
TTTGTTCTAG
TTTGTTTCTA

The first 21 decamers are those that were reconfirmed by transient transfection, and
the ESSs tested in a heterologous context are indicated by "#." ESSs obtained twice

in independent transfections are indicated by asterisks. ESSs that were not included in the seven clusters are underlined (see Figure 2 for the clusters).

[a]The electropherograms of these three sequences had high noise in the insertion region and thus may have low certainty.