

Supplemental Material

Oligonucleotides

DSX-ctrl-for	5'-TTAAGCTCTAGAGGCCCGACGTCGCATGC-3'
DSX-ctrl-rev	5'-TTAAGCAAGCTTCTGCAGGCGGCCGCACAT-3'
DSX-27-for	5'-CTAGAGCCACTCGTACCATCTGTGGGCCACTCGTACCATCTGTGGGCCACTCGTACCATC TGTGGA-3'
DSX-27-rev	5'-AGCTTCCACAGATGGTACGAGTGGCCACAGATGGTACGAGTGGCCACAGATGGTAC GAGTGGCT-3'
DSX-CATCTG-for	5'-CTAGACATCTGCATCTGCATCTGCATCTGCATCTGCATCTGA-3'
DSX-CATCTG-rev	5'-AGCTTCAGATGCAGATGCAGATGCAGATGCAGATGCAGATGT-3'
DSX-CATCGC-for	5'-CTAGACATCGCCATCGCCATCGCCATCGCCATCGCCATCGCA-3'
DSX-CATCGC-rev	5'-AGCTTGCGATGGCGATGGCGATGGCGATGGCGATGGCGATGT-3'
DSX-GATCTG-for	5'-CTAGAGATCTGGATCTGGATCTGGATCTGGATCTGGATCTGA-3'
DSX-GATCTG-rev	5'-AGCTTCAGATCCAGATCCAGATCCAGATCCAGATCCAGATCT-3'
DSX-CATGTG-for	5'-CTAGACATGTGCATGTGCATGTGCATGTGCATGTGCATGTGA-3'
DSX-CATCTG-rev	5'-AGCTTCACATGCACATGCACATGCACATGCACATGCACATGT-3'
DSX-CTTCTG-for	5'-CTAGACTTCTGCTTCTGCTTCTGCTTCTGCTTCTGCTTCTGA-3'
DSX-CTTCTG-rev	5'-AGCTTCAGAAGCAGAAGCAGAAGCAGAAGCAGAAGCAGAAGT-3'
DSX-CGTCTG-for	5'-CTAGACGTCTGCGTCTGCGTCTGCGTCTGCGTCTGCGTCTGA-3'
DSX-CGTCTG-rev	5'-AGCTTCAGACGCAGACGCAGACGCAGACGCAGACGCAGACGT-3'
DSX-CACCTT-for	5'-CTAGACACCTTCACCTTCACCTTCACCTTCACCTTCACCTTA -3'
DSX-CACCTT-rev	5'-AGCTTAAGGTGAAGGTGAAGGTGAAGGTGAAGGTGAAGGTGT-3'
ACE sel-for	5'-CTAGACGAATTGGCTAGAGCACCAGTCACCGCTACGCGTCCACCAGTCACCGCCGCTAGCA-3'
ACE sel-rev	5'-AGCTTGCTAGCGGCGGTGACTGGTGGACGCGTAGCGGTGACTGGTGCTAGCCAATTCGT-3'
ACE sel mut-for	5'-CTAGACGAATTGGCTAGAGCTGGCGTGTGCTACGCGTCCGCGTCCGCGCTAGCA-3'
ACE sel mut-rev	5'-AGCTTGCTAGCGGCGACGACGCCAGGACGCGTAGCGACGACGCCAGCTCTAGCCAATTCGT-3'
U2AF65-1	5'-TTAAAGGATCCACCATGTCGGACTTCGACGAGT-3'
U2AF65-2	5'-TTAAATCTAGACTAAGCGTAATCTGGAACATCGTATGGGTACAGAAGTCCCGGCGGT-3'
U2AF35-1	5'-TTAAAAAGCTTACCATGGCGGAGTATCTGGCCT-3'
U2AF35-2	5'-TTACTCGAGTCAAGCGTAATCTGGAACATCGTATGGGTAGAATCGCCAGATCTTTCAC-3'
U2AF35-3	5'-TTAAAGGATCCCACCATGGCGGAGTATCTGGCCT-3'
U2AF65- Δ RS-for	5'-TTAAAGGATCCACCATGCCTTTGACCAGAGGCGCTA-3'
U2AF65- Δ RRM-rev	5'-TTAAATCTAGATTAAGCGTAATCTGGAACATCGTATGGGTAGAGGCGCCGGCTTGTCT-3'
U2AF65-RRM-for	5'-TTAAAGGATCCACCATGTACGTGGGCAACATCCCCT-3'
U2AF35- Δ RS-rev	5'-TTAAACTCGAGTCAAGCGTAATCTGGAACATCGTATGGGTAATGGGCTTCAAATGCATGAAG-3'
v4-794	5'-TTAACTCGAGGTCATGATCCTTCTGTTAGGTGC-3'
v5+479	5'-TTAAGGATCCTTGCTCTAAAGAGTACAAGGGATG-3'
Δ v4-for	5'-TTCAATCATCGGTTCTGCATATTTAATGAAAAG-3'
Δ v4-rev	5'-ATGCAGAACCGATGATTGAAGCAATTAGAAAAA-3'
v5-mut1-for	5'-CCCTCATTGTGGATGAGCATCATGAGGAAGAAG-3'
v5-mut1-rev	5'-ATGCTCATCCACAATGAGGGGAGGGTGTGC-3'
v5-mut1-1-for	5'-CCCTCATTCTGGATGAGCATCATGAGGAAGAAG-3'
v5-mut1-1-rev	5'-ATGCTCATCCAGAATGAGGGGAGGGTGTGC-3'

v5-mut2-for	5'-ACCATGAGGTAGATGAGGAAGAAGAGACCCC-3'
v5-mut2-rev	5'-TTCCTCATCTACCTCATGGTGAATGAGGGGA-3'
v5-mut2-1-for	5'-ACCATGAGCTAGATGAGGAAGAAGAGACCCC-3'
v5-mut2-1-rev	5'-TTCCTCATCTAGCTCATGGTGAATGAGGGGA-3'
v5-mut3-for	5'-TTTAACCGTCGTCACAGCAGATGTAGACAGA-3'
v5-mut3-rev	5'-GCTGTGACGACGGTTAAATACACTGTGACTTG-3'
v5-mut4-for	5'-TTTAACCTTTTTCACAGCAGATGTAGACAGA-3'
v5-mut4-rev	5'-GCTGTGAAAAAGGTTAAATACACTGTGACTTG-3'
Y-shRNA-for	5'-GATCCGGTCATCGCAACGAAGGTTTTCAAGAGAAACCTTCGTTGCGATGACCTTTTTTG CTAGCG-3'
Y-shRNA-rev	5'-AATTCGCTAGCAAAAAAGGTCATCGCAACGAAGGTTTCTCTTGAAAACCTTCGTTGCGA TGACCG-3'
Luc-shRNA-for	5'-GATCCCGTACGCGGAATACTTCGATTCAAGAGATCGAAGTATCCGCGTACGTTTTTTG TAGCG-3'
Luc-shRNA-rev	5'-AATTCGCTAGCAAAAAACGTACGCGGAATACTTCGATCTCTGAATCGAAGTATCCGC GTACGG-3'
C5C6-junc for	5'-CAGAATCCCTGCTACCAGA-3'
C6-rev	5'-TCTGATTCAGATCCATGAGTGG-3'
v3-for	5'-GTACGTCTTCAAATACCATCTC-3'
v3-rev	5'-TGGTGCTGGAGATAAAATCTTC-3'
v4-for	5'-ACCACACAAAACAGAACCAGG-3'
v4-rev	5'-CAGTCATCCTTGTGGTTGTC-3'
v5-for	5'-GTAGACAGAAATGGCACCCTG-3'
v5-rev	5'-TTGTGCTTGTAATGTGGG-3'
T7-DSX-in-for	5'-TAATACGACTCACTATAGGGGGCTGTGAAGTGAATTGTAT-3'
DSX-ex-rev	5'-CACATACGATTTAGGTGACAC-3'
T7-v5-70	5'-TAATACGACTCACTATAGGGAATGGAAGAATAGAATCATTAAAG-3'
v5+16	5'-CCATTCTGTGTACATCTGC-3'
pET-for	5'-TTGGTGGAAGCTCTCTACC-3'
pET-rev	5'-TCCACCCAGCTCCAGTTG-3'
YB-1 for	5'-GCAGACCGTAACCATTATAGACG-3'
YB-1 rev	5'-TCTCCGCATGTAGTAAGGTGG-3'
beta actin for	5'-AAATCGTGCGTGACATTAAGG-3'
beta actin rev	5'-AGCACTGTGTTGGCGTACAG-3'