

Supplementary Table 1: RNAi targets and primer sequences

Primer	Target sequence	
Human <i>NUP93</i> , siRNA #9	CGGCAGAUGUCAAGGCGUC	
Human <i>NUP93</i> , siRNA #10	GCUCAAGGAAUAAGCGCAA	
Human <i>NUP93</i> , siRNA #11	AGAGUGAAGUGGGCGGACAA	
Human <i>NUP93</i> , shRNA #1	GCAAGTGAAACAGCGAATTCT	
Human <i>NUP93</i> , shRNA #3	GGACTCCACGTTCTATCTTCT	
Primer	Forward sequence	Reverse sequence
NUP93_ex2	TTGAAACCTGTCTTTCCCTTG	TTCAAGGCAGGAAAGAAGAAAC
NUP93_ex3	TCCAGGTGATGTCTATGGAAAG	TATGCTCTGGGTTCCACCTG
NUP93_ex4	GCTCCAGAATGGAAGAAAC	CCCTCATCTGTATACATCTACATTTTG
NUP93_ex5	CCTGAGGGTCATTGTTCTCTG	CAAATGCGGCATCCTAAAAG
NUP93_ex6	ATCTCATGCCTGCTCTCTTC	TGGCTTAATCCCCCTTAAAATC
NUP93_ex7	CTCCGAGGAAGGAAAGGTTG	ATTTCAACCAAATCGGCAAG
NUP93_ex8	GGTCAGAGTGCCACAAAGAAC	AGCACACCTAGCCTGAGGAC
NUP93_ex9	TGCCCTTCCAAGCTACAGTG	CTGCTCTGGGGGTGTAAGT
NUP93_ex10	GGGGCTTAGCTCGTTTTAG	GAAGGATGCCCTTTGATTC
NUP93_ex11	GGCTTCCCTGCTTTTATGTG	CTATGTGGGCAGGGGAAAC
NUP93_ex12	CCCAGCTCATAACCATAGCC	TGGACAAGAGAAGGGAAAGG
NUP93_ex13	ACCAGTGAGCCCCTTCTTTC	GGGACGTGCTGTGGTTAC
NUP93_ex14	GGTTGTGACCCATTCTGACC	CACTCACACAGCGCAGAAAC
NUP93_ex15	ACCCGGAAGTTTGAGTCCAC	GAAAACCATGGGGAGGAGAG
NUP93_ex16	TTATCCCATTATCCCATTTG	GGGCCATAATTTTCATTCC
NUP93_ex17	TTTGGATCCTAATTGCTTCTCTG	GGGAGGGTGCTACAACAATG
NUP93_ex18	GTTCTCTTTGGTGGGTAGGG	CTTTGAAAGCTGTCTGCTG
NUP93_ex19	AGGCTGGTCACTGACTCCTG	CTGCACTTCAAACACCTTTCC
NUP93_ex20	GAAGCCCTTTGGAGTATGTGAG	CTGAAAGGGAACCACTCTGG
NUP93_ex21	TGTTTCAGTGCCATCAGCTC	ATGTTTCTCGGAATGCTG
NUP93_ex22	ACCCATCAGGGATCTGTCC	CCCATGTGCCTGATGTACTG

Supplementary Table 1: RNAi targets and primer sequences (continued)

Primer	Forward sequence	Reverse sequence
XPO5_ex2	TTCTCTCTCTTGGAGATTGC	CTCAGCCCTCGAAAGGAAAC
XPO5_ex3	GAAGTCACGCTTTGCCTAAAC	TTTTGCCATTTCATTGACAG
XPO5_ex4	GAACAGGTTCAATTTGTTCTGTTTG	CCCTGAAGTTTGTCCAAGG
XPO5_ex5	AAGATTAATCAAAAACACTCATATTGG	GCAACAGAAAATAGCCTTTGG
XPO5_ex6	AGGTCATGGCTGCAGTGAG	TTCAAGGGCATTGATTTGTG
XPO5_ex7	CCCAAACCTTTAAATGACTTTCTG	TGTTACCGAGGACTTCATGG
XPO5_ex8	CTTACAGAAGATGTCGGTACTTTG	CAGGAGACGGAGGTTGTGG
XPO5_ex9	CAGGTTTTGCCACCAAATAAG	AAATGGGCTTGAAGCTCTCC
XPO5_ex10	TTCTCTCCTGCTTTTCTCG	CACTACGGTCATTCCCAAG
XPO5_ex11	CACAGGCTGGTCTCCAATC	TCCAAATCCTTTGACGTTTTC
XPO5_ex12	CAGTGGGTCCACTTTTCATCC	TCTGCAATGGGAAACTAGGG
XPO5_ex13	CTCTCCAGGATGAGCAAAGC	TGATTCCTGTCCTTCCCTTG
XPO5_ex14	TCTGCGATCTTTCAATGCTG	CATTTACAGCTGAGCAACAG
XPO5_ex15	TAAGTGGAGGCGACCATTG	TGGGCAATGTAGCAAGATCC
XPO5_ex17	AGGGCATAACAAGAAACATGG	CTACTTCAGCCAGGGTCCAG
XPO5_ex18	CCTTGAGTAAGCCACCTCTCC	AACCAAAATGGGTGCTTGAG
XPO5_ex19	ACTCCCACGTTTCTACCAG	GCCTGTAACTCCTGTGGAAG
XPO5_ex20	CATTCTCTCTGGCCTCTGTG	AAACAACAGAGAAAAGCCATTATTC
XPO5_ex21	AGGCAGGAAGACTGCTTGAG	CTGCATCAGATGGAAAAGCTC
XPO5_ex22	TCACGTAGCCAATGCTTTG	ATATGGAGAGGCAGCATTGG
XPO5_ex23	CTTCCAGTTCTGCCTCTTCC	AGGGCTGGCAGTAACAGATG
XPO5_ex24	AAGCTCAGAAATGGCCAGAG	CATCTGGCAAATCCTTTAGGG
XPO5_ex25	CATCAGGGATGTGGGATAGG	TTCATCCACCAAGAAGAGTGG
XPO5_ex26	TCAGTGGATCACTGCTGTCC	CCTTCATGGAGTTGGCTGAG
XPO5_ex27	AGACAGGTTGGGATCAGTGG	GTATGATGGAGGCACACAGC
XPO5_ex28	ATGGGCATTATGTGGAGGTG	CCTGGGCAAGGAGTAAAGG
XPO5_ex29	GGCAACAAAACAAACCCATC	TCAGTCTGCATGACCCAAAC
XPO5_ex30	CCCATTCTCAGAGATTGCAC	GGCCCTAAAGCACAGTTGTC
XPO5_ex31	GCCCATACACATGATTTAAGAAGG	CTCAGCCCTCGAAAGGAAAC
XPO5_ex32	TGAGGGCCCAGCATTAAATTCT	GTGGAAAGTGAGGTGGCAGT

Supplementary Table 1: RNAi targets and primer sequences (continued)

Primer	Forward sequence	Reverse sequence
NUP205_ex1	GCAGATTCTGGAGCCTTTTG	GCCCAGAATTAGGGAAAAGC
NUP205_ex2_1	AGATTA AAAAGTAGCTGTGGGTGTAAC	GAAAATTTCTTACCGGATTTTTG
NUP205_ex2_2	GTGGGAAATGCTCTTTGGAG	GCCAGAAGTCCAAGACAAGC
NUP205_ex3	AGGTAACACTTTGGGACCTTG	TTTTGCATTATTTTACCACTGTTTC
NUP205_ex4	CCCCTTAAGCCCTGAGCTAC	TTCAAATTAACCCCTGAAATCC
NUP205_ex5	GCGTTTGCTATACCTATTATTATGAAG	TGTTTCTGCCTCTGAGATTTG
NUP205_ex6_1	TCAGAATTCAGAGGTGACG	TGCATCCAGTGAGCCATTAG
NUP205_ex6_2	GGCTTGCCAGTCACCTTTAG	TGCAAACACAGGAACAGAGC
NUP205_ex7	TGCTCAGATTTTCTGACTTTTGG	TGCTGTTTCTCATAACAAAATTACC
NUP205_ex8	TGACTTTTCTCCATGTA CTGTG	TTTTATTAGTTTTCCAAAACATAAAGCTG
NUP205_ex9	CACTTTAAGACAGTTGCCTGATTTTC	CTGAAATTTTCCAAAGTTAGGG
NUP205_ex10	CCTAACTTTGGAAAATTT CAGGTG	TCATGTTTTCAAGACTCTCTATCACAG
NUP205_ex11	TCTTTATTAGCTAGTCCGTGTTGC	GAACCTAGTTCAAACACCAATGTTTC
NUP205_ex12	TTTTAAATAAAAATTCTGTGCTGTTTTTC	TGTTTGGGGCTCTTAAAATG
NUP205_ex13	TGGAAAGTCTCATTCTTTTTGTG	AAGCCCAACTTTCCACATTG
NUP205_ex14	GGTCCAGTGGGTGAGGTATG	CAACACTGATCAGAAAACCCTTC
NUP205_ex15	TTTTATTACCAAGTTTTCTTTCTTTTTTC	CATGAATTTAGCACCATATACTTTTG
NUP205_ex16	AAGCAAAATGAATTGGGATTTTC	TGACA ACTTGTGTTGAAAGTGACAG
NUP205_ex17	TGCTGTGTCTCTAAATTGAAACTTG	GCTGTTTGCAAGACATGAAGG
NUP205_ex18	AAACTTGT CATTGTCTTGTTTTCC	TTTACTTCATTTCTCTACCTACAAAGG
NUP205_ex19	CACCAAAAATTTTATCACTGTTCC	TTCGTGGGTAGGTTTTACC
NUP205_ex20	CGTAAATACCTAAGCAGGTTTGC	TCTCAATTCCTCTTACCCATCAC
NUP205_ex21	TGTAATTTTGTGTTGTGATTTCTGC	TGACCCATCCATCACATTACC
NUP205_ex22	AATGCAGCAATTCTAAAAGAAAAG	CGGATTTTATCCACAAATGAAAG
NUP205_ex23	TAGGTTGCCAAGGACTGTTTC	TGTTCTTATAAATACGGGAAAATAATG
NUP205_ex24	TTGTTACATGGGAAAATATCTGTTG	AAGCTTCAGATTTGTGCTTGTC
NUP205_ex25	GCACAGGGCTCTTTGATGTAG	TTTCTATACCAGTTCAGAGTTTGGAG
NUP205_ex26	TCAACTGAATATGATGGCTTGC	TCTGAGCCACTTGACACTGC
NUP205_ex27	AATATTTTGGTCTGGAAATTGG	TTTTAGTCTTTTACCAGCAACC
NUP205_ex28	CCTTG TGATTCAATTCCTGTG	CCCAATCGAAAATGGAAAAC
NUP205_ex29_1	CACTCTAATTTGCCCTTGTCC	CCTGTCTTCAAATGAAGTCTAACAG
NUP205_ex29_2	TGTT CACTGACTGCTCACC	CCACCACCTAGGGAGATTAGG
NUP205_ex30	AGTGGGTTTTGCTTCTATTGG	AAGTAACCATCTCCCAATCCAG
NUP205_ex31_1	GTGGGCCTTTGTGTACAAGC	CAAGCATCTCGACAGACCAC
NUP205_ex31_2	AGAAAACCATGTGGGAAAGG	CAAGAAATCCACCCACCTTG
NUP205_ex32	TTGGTAGCATCTACATGTTTTGG	CAGAATGTATGCCACATTAATTTTC
NUP205_ex33	CCCTTG GACATGATTT CAGC	TGACAGGGGCACAGTATGAC
NUP205_ex34	GGAATGTTTTCTCCTTGTTTGG	CTCTGCCACAACATTAGGAC
NUP205_ex35	TTTCTATTCTCTTCTTTTCAATG	GGCTCTGTTAGCAGTACCAATTTTC
NUP205_ex36	AACAGGTA CTTACAGTCTTTGTAAAATC	TGGGGAGGATGGTATATTTTG
NUP205_ex37	GCCTTAAGGACTGATTCCATTC	TAAAACCTTAGAGAAGTCACATGG
NUP205_ex38	CTTCAAATCTCGATTTTCATGC	AAAAGAAAATACTGCATCTTACTGG
NUP205_ex39	GGAACATTGTTTTATGTCATCACC	CACAGAAGAATCATTCCAATTCC
NUP205_ex40	CATTTATCATGGTGACCTGCTG	TCTCCTTCCACCTGGTTTTG
NUP205_ex41	TTCTTCTCCTCCGAAACTGG	AGCTCTTGATTCACCCAATTC
NUP205_ex43	AGTATTTACATTGAAAGAACCACATTAC	GGAGACAATTCTCCCAATTC