

Table S1. shRNA target sequences and sources

shRNA and siRNA	Referred to herein as	Sequence	Source
Scramble shRNA	shSCR	CCGGTCCTAAGGTTAAGTCGC CCTCGCTCGAGCGAGGGCGA CTTAACCTTAGGTTTTTG	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Scramble siRNA	siSCRAM/scarm	#6568	Cell Signaling Technologies
Mouse/human hnRNP E1	shE1 / E1KD	CCGGCCATGATCCAAGTGTGT AATTCTCGAGAATTACACAGT TGGATCATGGTTTTTG (TRCN0000120937)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Mouse sh ILEI	shILEI	CCGGGAACAGCACATAAAGA ACAATCTCGAGATTGTTCTTTA TGTGCTGTTCTTTTTTG (TRCN0000191798)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Mouse si ILEI 1	si ILEI 1	D057098-01-002	Dharmacon Inc
Mouse si ILEI 2	si ILEI 2	D-057098-02-002	Dharmacon Inc
Human sh ILEI 1	shILEI 1	CCGGATGTTGGAAGAGGGAT CAATGCTCGAGCATTGATCCC TCTTCCAACATTTTTTG (TRCN0000298583)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Human sh ILEI 2	shILEI 2	CCGGGAGGAGATGTGGCACC ATTTACTCGAGTAAATGGTGC CACATCTCCTCTTTTTG (TRCN0000298584)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Human sh ILEI 3	shILEI 3	CCGGCTTGGTGTGTGCATGA GTATTCTCGAGAATACTCATG CACACACCAAGTTTTTG (TRCN0000293815)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Mouse sh LIFR	shLIFR	CCGGGCAGAGATACAGCTTA GTAAACTCGAGTTTACTAAGC TGTATCTCTGCTTTTTG (TRCN0000065613)	MUSC Hollings Cancer Center shRNA Shared Resource Technology
Mouse si LIFR 1	si LIFR 1	D-040750-01-002	Dharmacon Inc
Mouse si LIFR 2	si LIFR 2	D-040750-02-002	Dharmacon Inc