

SUPPLEMENTAL MATERIAL

Supplemental Tables

Supplemental Table 6. Oligonucleotides used for RT-PCR, cloning and Northern blot analyses

	Forward primer	Reverse primer
Mouse and human s-RNY1-5p (RT)		5'- GTCGTATCCAGTGCAGGGTCCG AGGTATTCGCACTGGATACGACA TTGAG -3'
mouse s-RNY3-5p (RT)		5'- GTCGTATCCAGTGCAGGGTCCG AGGTATTCGCACTGGATACGACA ACACC -3'
human s-RNY3-5p (RT)		5'- GTCGTATCCAGTGCAGGGTCCG AGGTATTCGCACTGGATACGACA GTTGT -3'
human s-RNY4-5p (RT)		5'- GTCGTATCCAGTGCAGGGTCCG AGGTATTCGCACTGGATACGACA GTTCT -3'
U2 snRNA(qPCR)	5'-GAAGTAGGAGTTGGAATAGGA -3'	5'-ACCGTTCCTGGAGGTAAGT -3'
s-RNYs universal primer (qPCR)		5'- GTGCAGGGTCCGAGGT -3'
Mouse/human s-RNY1-5p (qPCR)	5'- TGGTCCGAAGGTAGTGAGT -3'	
Mouse s-RNY3-5p (qPCR)	5'- TTGGTCCGAGAGTAG -3'	
Human s-RNY3-5p (qPCR)	5'- TCCGAGTGCAGTGGTGT -3'	
Human s-RNY4-5p (qPCR)	5'- GGTCCGATGGTAGTGGGTTAT -3'	
Human RNU48 (qPCR)	5'- AGTGATGATGACCCCAGGTA ACTC -3'	5'- CTGCGGTGATGGCATCAG -3'
Mouse and humans s-RNY1-5p (Northern blot)		5'- ACTCACTACCTTCGGACCA -3'
Mouse and humans s-RNY1-3p (Northern blot)		5'- AGTCAAGTGCAGTAGTGAG -3'

mouse 2'-O-Me-RNA antisense to s-RNY1-5p		5'- UUGAGAUAACUCACUACCUUCG GACCAGCC -3'
mouse 2'-O-Me-RNA antisense to s-RNY3-5p		5'- UAAACACCACUACUCUCGGACC AACC -3'
Mouse RNY1 loop (Northern blot)		5'- TTCAATCTGTAAGTACTGACTG -3'
Mouse s-RNY3-5p (Northern blot)		5'- ACCACTACTCTCGGACCAA -3'
Mouse s-RNY3-3p (Northern blot)		5'- CTGGTCAAGTGAAGCAGTG - 3'
Human s-RNY4-5p (Northern blot)		5'- CCCACTACCATCGGACCAG - 3'
U6 snRNA (Northern blot)		5'- CGTTCCAATTTTAGTATATGTGC TGCCGAAGCGAGCAC-3'