

Supplemental Figure S3. Sequence reads aligned to sno-miR-#3. Reads corresponding to snoRNA fragments (in blue) appeared in both Dgcr8- and Dicer-knockout mice, while representative miRNA reads were found in Dgcr8- but not in Dicer-knockout mice.

sno-miR-#3

GACCUCUUGGGGAUCGCGUCUGGAGAGUAGCUAGUAUUCUCCAGCUUCGGAAGCAAGAGGGAGAGCAAGCCUAGCAGAGGUACCCAUUCCAUCCAGUUUGCUCGGUAGCUGGUGAUUGGAAGACACUCUGCAACAUA
 .. ((((((((((((.....))))))))).....))))))..... ((((((((((((.....))))))))).....))))))..... (-49.00)

Reads in GSM314553 (Dicer-knockout mice)

Reads representing snoRNA fragments

GACCTCTGGGATCGCG.....	1	17	1
GACCTCTGGGATCGCGTC.....	1	19	1
GACCTCTGGGATCGCGTCTGGAG.....	1	24	1
GACCTCTGGGATCGCGCTGGA.....	1	23	1
GACCTCTGGGATCGCGTCT.....	1	20	1
GACCTCTGGGATCGCG.....	1	16	1
GACCTCTGGGATCGCGT.....	3	18	1
.....ATTGGAAGACTCTGCAACATTA	1	24	1
.....AGACTCTGCAACATT.....	1	17	2
.....AGACTCTGCAACATTA	7	18	1
.....GACTCTGCAACATTA	8	17	1
.....ACTCTGCAACATTA	22	16	4

Reads in GSM314557 (Dgcr8-knockout mice)

Reads representing snoRNA fragments

GACCTCTGGGATCGCG.....	1	17	1
GACCTCTGGGATCGCGTCTGGAGAGT.....	1	27	1
GACCTCTGGGATCGCGTCTGGAG.....	1	24	1
GACCTCTGGGATCGCG.....	4	16	1
.....TTGGAAGACTCTGCAACAT.....	4	21	2
.....AGACTCTGCAACATTA	4	18	1
.....GACTCTGCAACATTA	11	17	1
.....ACTCTGCAACATTA	46	16	4

Reads representing miRNAs derived from snoRNA

.....CTAGCAGAGGTACCCATTCCATTCCC.....	2	26	1
.....TAGCAGAGGTACCCATTCCATTCCC.....	1	26	1
.....TAGCAGAGGTACCCATTCCATTCC.....	1	24	1
.....TAGCAGAGGTACCCATTCCATT.....	1	22	1
.....TAGCAGAGGTACCCATTCCATTCCC.....	4	25	1
.....TGTTGATTGGAAGACTCTGCA.....	1	23	3
.....GTGATTGGAAGACTCTGCAAC.....	1	23	2
.....GTGATTGGAAGACTCTGCAA.....	1	22	3
.....TGATTGGAAGACTCTGCA.....	2	21	3
.....TGATTGGAAGACTCTGCAA.....	13	21	3
.....TGATTGGAAGACTCTGCAACA.....	32	23	2
.....TGATTGGAAGACTCTGCAACAT.....	3	24	2
.....TGATTGGAAGACTCTGCA.....	3	20	3
.....TGATTGGAAGACTCTGCAAC.....	5	22	2