

Fig.1

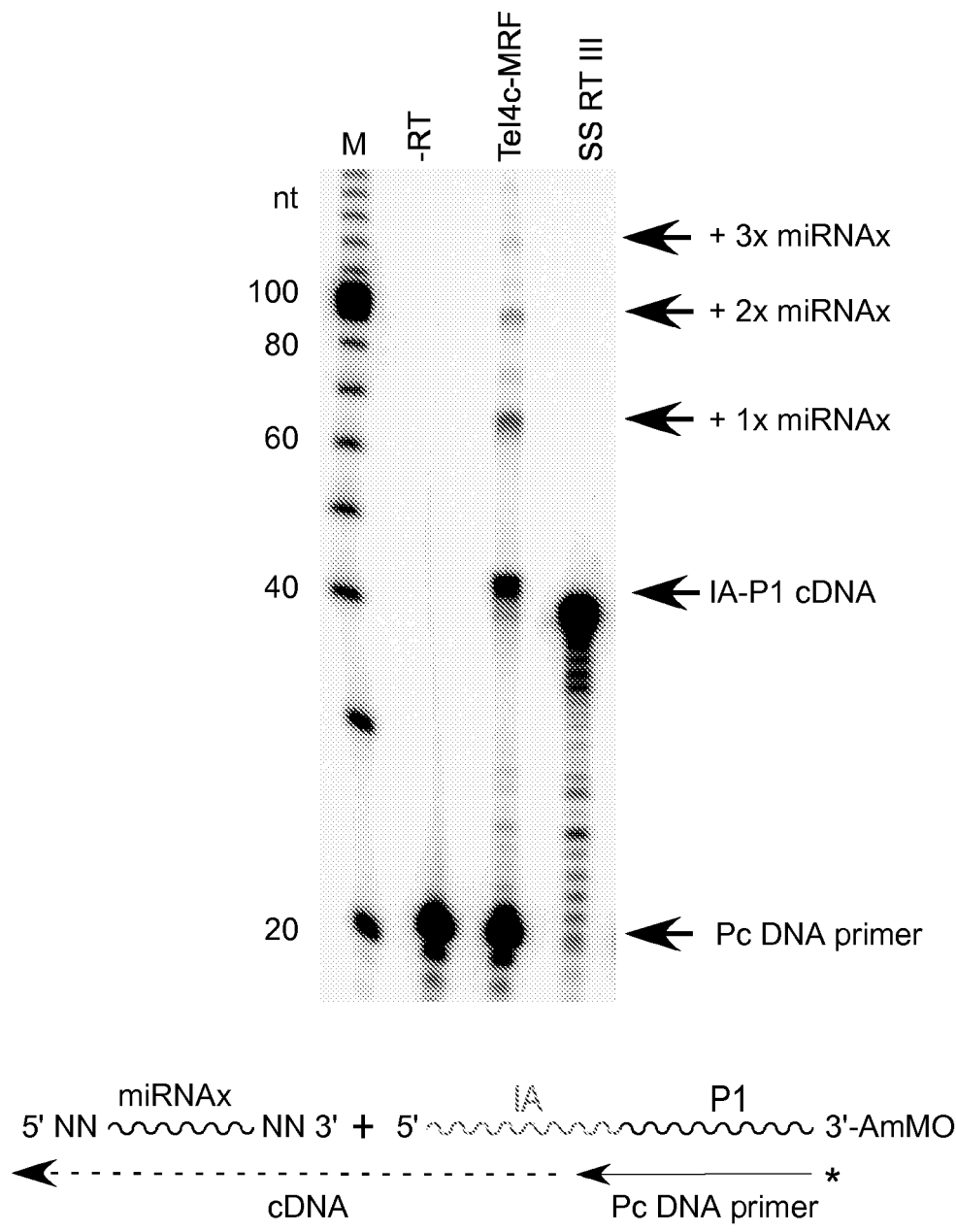
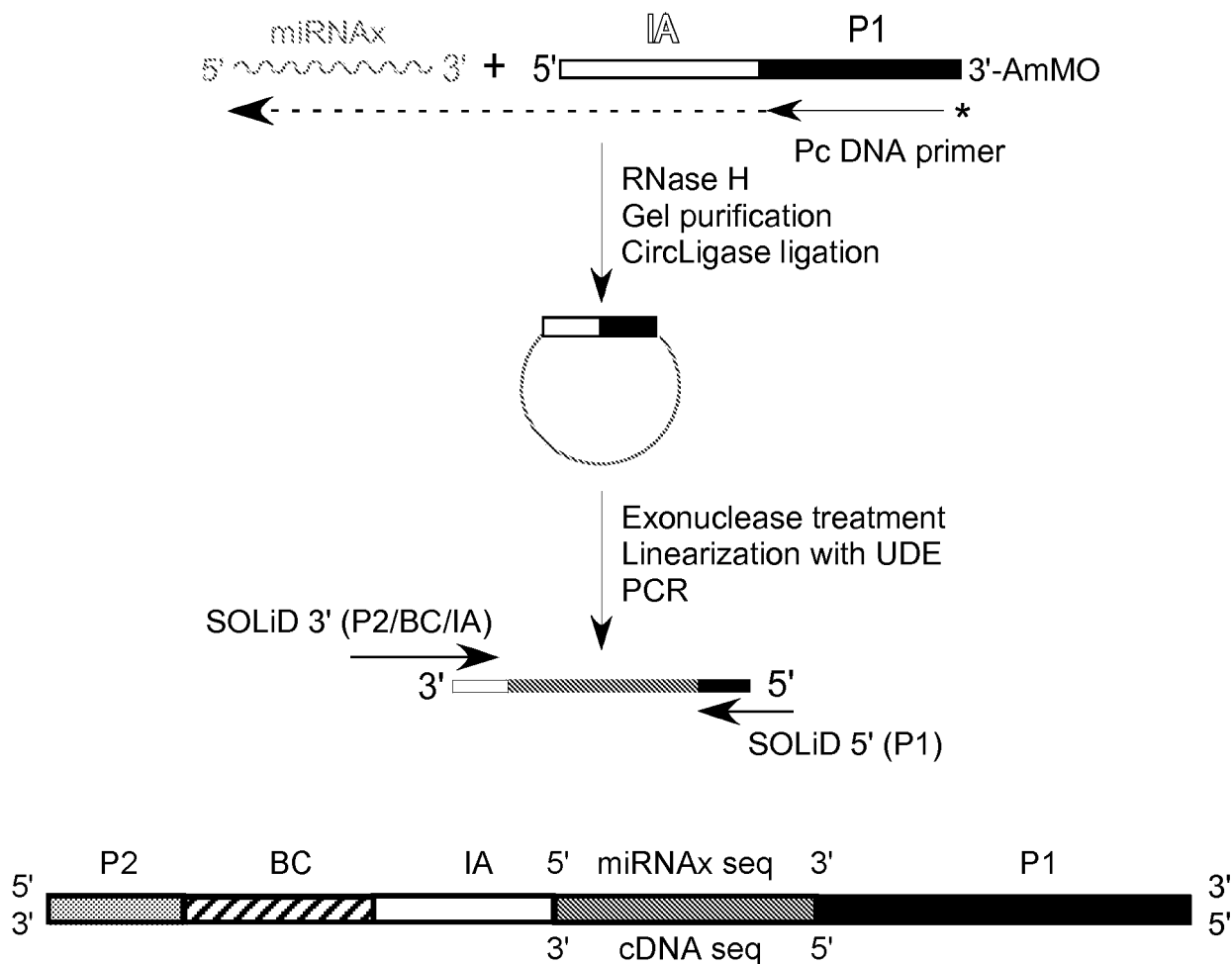
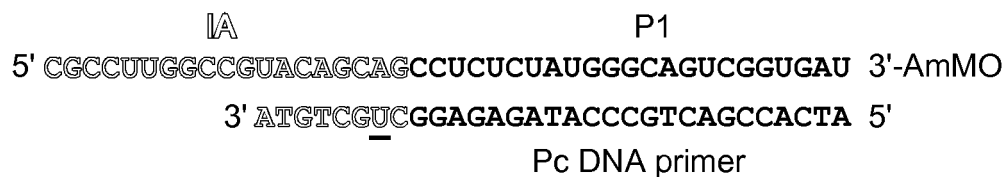


Fig. 2



IA-P1 RNA/Pc DNA template/primer



SOLiD 5' Primer (P1)



SOLiD 3' Primer with barcode (X's; P2/BC/IA)

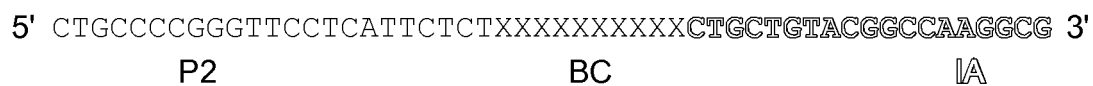
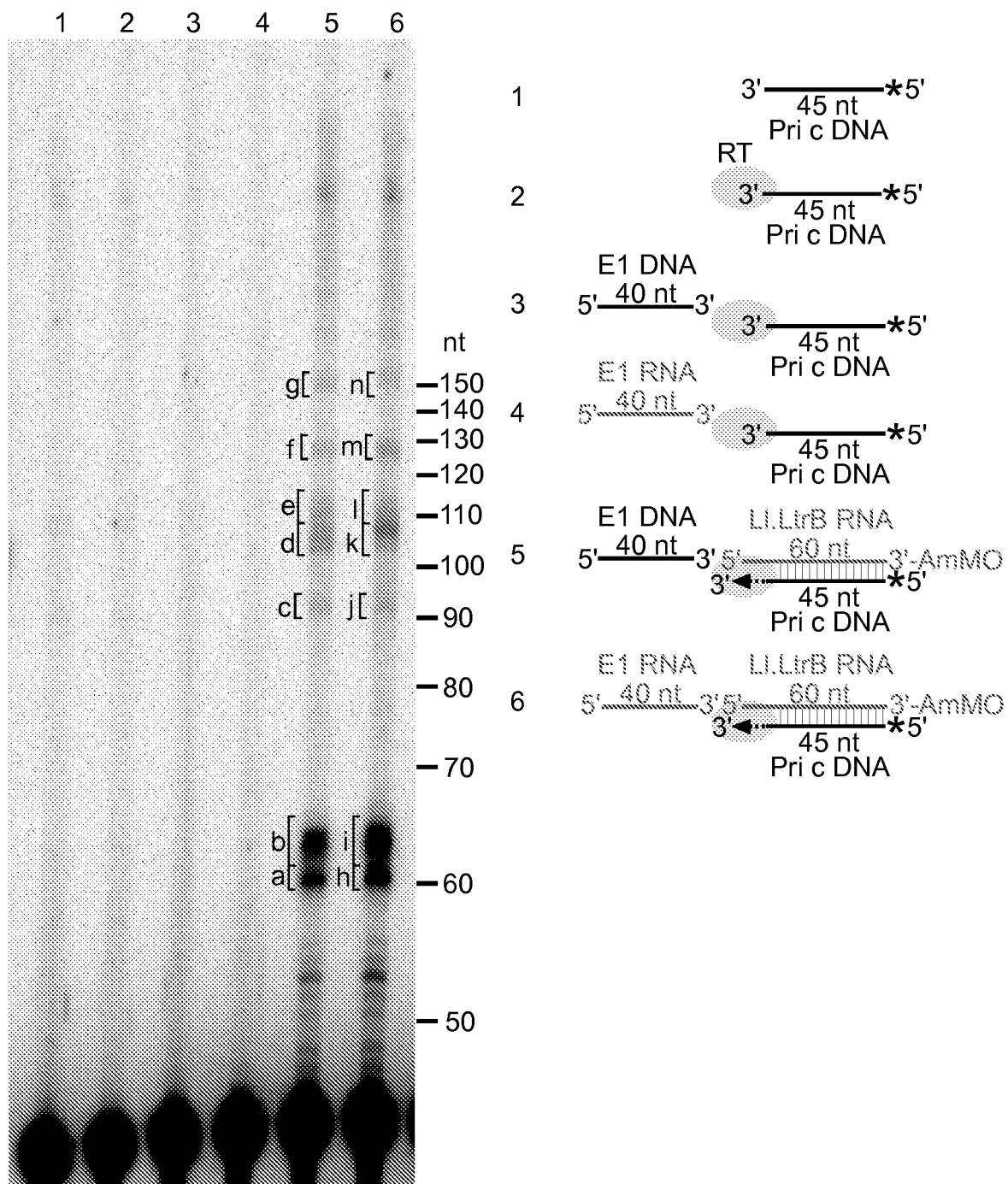


Fig.3

	miRNAx		IA-P1 RNA	
RNA	5' <u>NNCGCUUCAGAGAGAAAUCNN</u> 3'	5' CGCCUUGGCCGUACA..GUGAU 3' -AmMO		
cDNA	3' <u>NNGCGAAGTCTCTCTTTAGNN</u> 5'	3' ATGT..CACTA 5'		
	cDNA	IA-P1		Pc DNA primer
	GAAGTCTCTCTTTA	GCGGAA.. 5'		
	GAAGTCTCTCTTTAGTAGCGGAA..			
	TCGCGAAGTCTCgaTcGTCGGGCGGAA..			
	TCGCGAAGTCTCTCTTTAGCCGCGGAA..			
	TCGCGAAGTCTCTCTTTAGAAGCGGAA..			
	aCCGCGAAGTCTCTCTTTAGGCGCGGAA..			
	aCGGCGAAGTCTCTCTTTAGTAGCGGAA..			
	gGTGCGAAGTCTCTCTTTAGCGGCGGAA..			
	aGGattgtGTCTCTCTTTAGTAGCGGAA..			
	aACGGCGAAGTCTCTCTTTAGCGCGGAA..			
	agTGGCGAAGTCTCTCTTTAGTAGCGGAA..			
	agTNGCGAAGTCTCTCTTTAGGAGCGGAA..			
	agTCGCGAAGTCTCTCTTTAGTAGCGGAA..			
	aaCAGCGAAGTCTCTCTTTAGGCGCGGAA..			
	aaCAGCGAAGTCTCTCTTTAGGCGCGGAA..			
	agGTGCGAAGTCTCTCTTTAGTGGCGGAA..			
	caGAGCGAAGTCTaTCTTTAGCAGCGGAA..			
	aaCCGCGAAGTCTCTCTTTAGAGCGGAA..			
	gaaCCGCGAAGTCTCTCTTTAGTCGCGGAA..			
	gaaCTGCGAAGTCTCTCTTTAGAAGCGGAA..			
	agaCCGCGAAGTCTCTCTTTAGGCGCGGAA..			
	taggaCCGCGAAGTCTCTCTTTAGTAGCGGAA..			
	aaactccc aa ACGCGAANTNNNTNTTTAGTGGCGGAA..			
	actcccc caa CCGCGAAGTCTCTCTTTAGTCGCGGAA..			
	gtacttgcaggacgaCCGCGAAGTCTCTCTTTAGCAGCGGAA..			

Fig. 4A



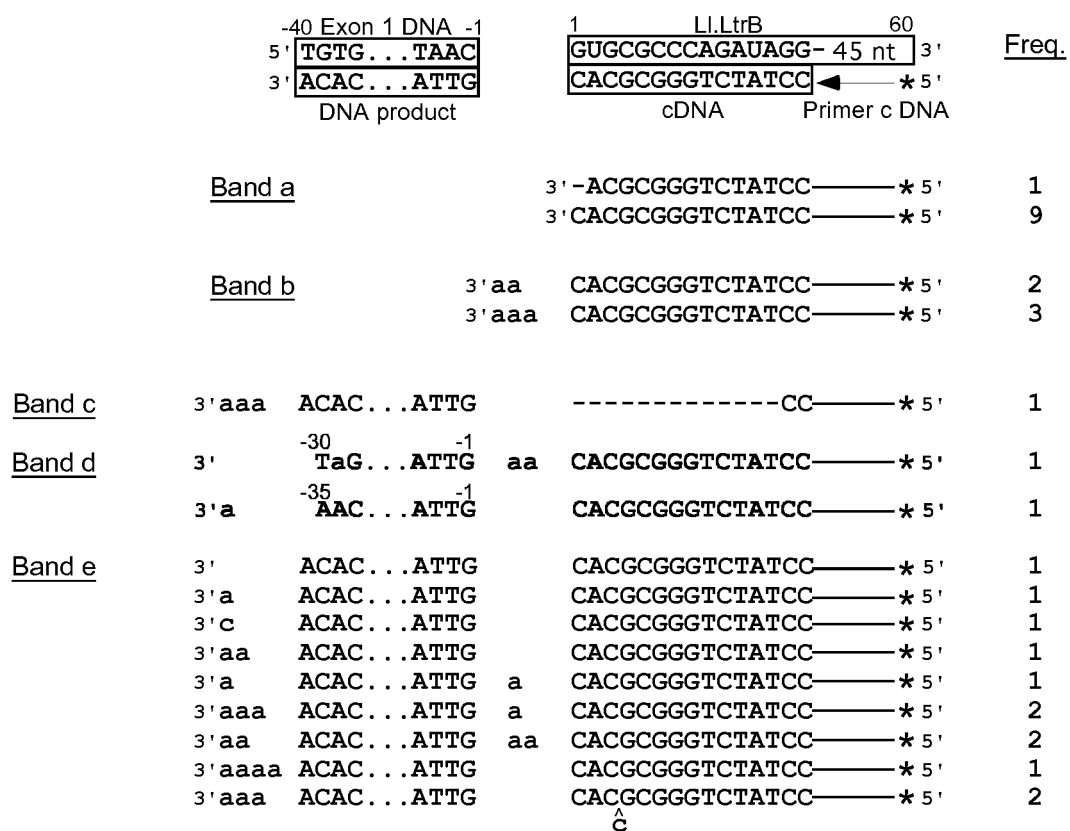


Fig. 4C

	-40 Exon 1 RNA -1		1 L1.LtrB 60		
5'	UGUG . . . UAAC		GUGCGCCCAGAUAGG - 45 nt	3'	Freq.
3'	ACAC . . . ATTG		CACGCGGGTCTATCC	5'	
	cDNA		cDNA Primer c DNA		
Band h		3' CACGCGGGTCTATCC	5'	9	
		3' CACGCGGGTCTATCt	5'	1	
Band i		3' aa CACGCGGGTCTATCC	5'	3	
		3' ta CACGCGGGTCTATCC	5'	1	
		3' aaa CACGCGGGTCTATCC	5'	6	
		3' aga CACGCGGGTCTATCC	5'	1	
		3' aaaa CActCGGGTCTATCC	5'	1	
Band j		3' a -17 CAC . . . ATTG -1	aa CACGCGGGTCTATCC	5'	1
		3' -26 TGC . . . ATTG -1	CACGCGGGTCTATCC	5'	2
		3' -26 TGC . . . ATT -2	a CACGCGGGTCTATCC	5'	3
		3' -26 TGC . . . ATTG -1	a CACGCGGGTCTATCC	5'	2
		3' -26 TGC . . . ATT -2	ag CACGCGGGTCTATCC	5'	1
		3' -30 TGG . . . ATT -2	c CACGCGGGTCTATCC	5'	1
Band k		3' a -36 TAA . . . ATT -2	CACGCGGGTCTATCC	5'	1
		3' ta -35 AaC . . . ATT -2	CACGCGGGTCTATCC	5'	1
		3' ta -40 ACAC . . . ATT -2	CACGCGGGTCTATCC	5'	1
Band l		3' gaa -40 ACAC . . . ATT -2	a CACGCGGGTCTATCC	5'	1
		3' aa ACAC . . . ATTG	aa CACGCGaGTCTATCC	5'	1

Fig. 5A

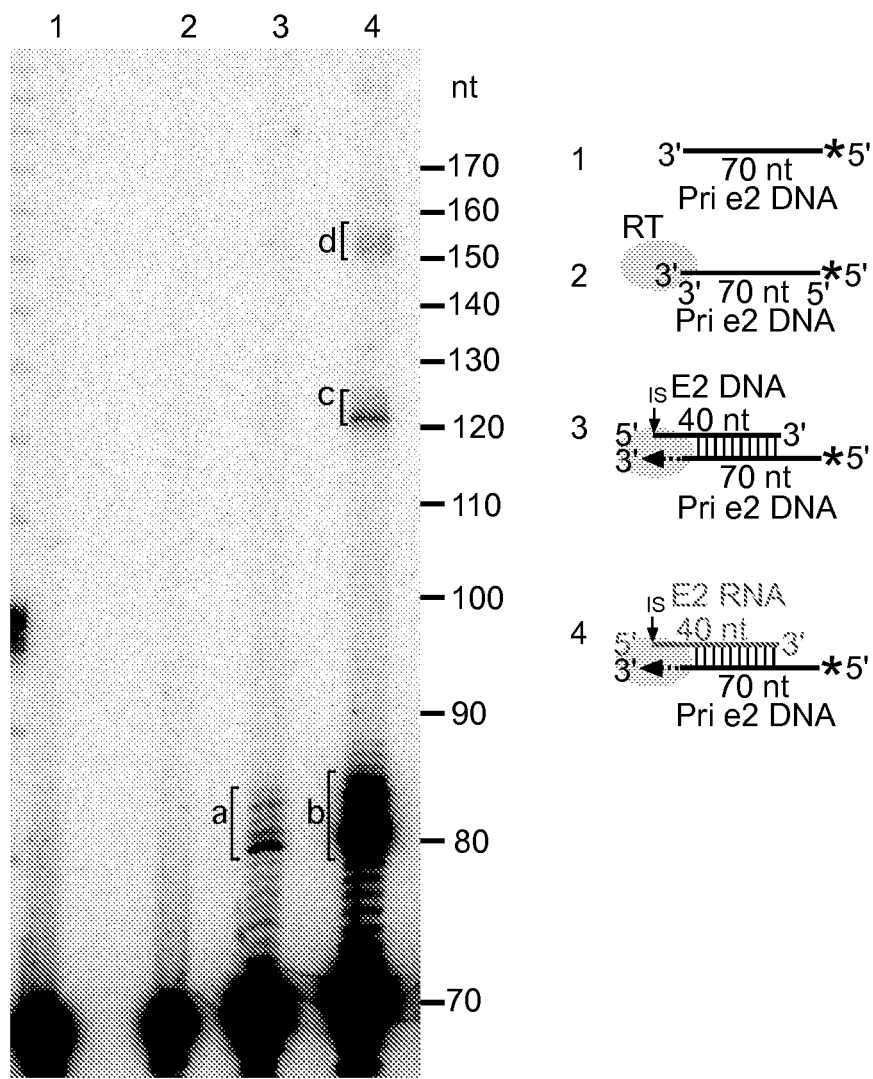


Fig. 5B

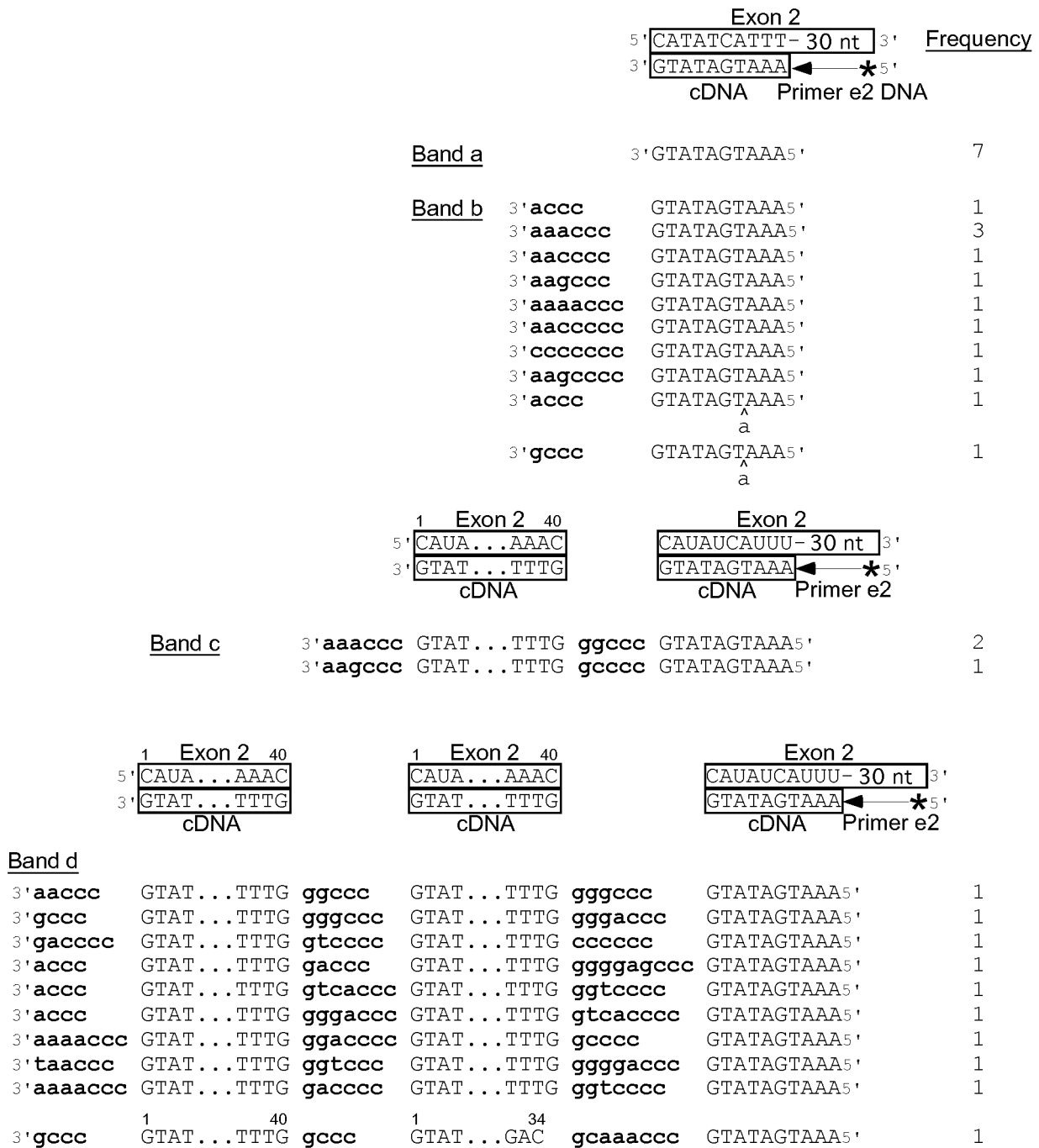


Figure 1 shows two gel electrophoresis images. The left gel is labeled 'Input' and the right gel is labeled 'Input'. Both gels show a 30 nt band at the top and a 20 nt band at the bottom. The left gel has lanes 1-8 and the right gel has lanes 1-17. The gels are labeled with lane numbers 1-8 and 1-17. The left gel is labeled 'Input' and the right gel is labeled 'Input'.

Fig. 7

miRNAx		IA-P1 RNA	
5' NNCGCUUCAGAGAGAAAUCNN	3'	5' CGCCUUGGCCGUACA..GUGAU	3' AmMO
3' <u>N</u> NGCGAAGTCTCTCTTTAGNN	5'	3' ATGT..CACTA	5' Pc DNA primer
		Reads	
<u>TCGCGAAGTCTCTCTTTAGGA</u>		11794	
<u>TCGCGAAGTCTCTCTTTAGCA</u>		10235	
<u>CCGCGAAGTCTCTCTTTAGGA</u>		7929	
<u>TCGCGAAGTCTCTCTTTAGAA</u>		6468	
<u>CCGCGAAGTCTCTCTTTAGCA</u>		6134	
<u>TCGCGAAGTCTCTCTTTAGTA</u>		6111	
<u>ACGCGAAGTCTCTCTTTAGGA</u>		5795	
<u>TAGCGAAGTCTCTCTTTAGCA</u>		5040	
<u>ATGCGAAGTCTCTCTTTAGCA</u>		4884	
<u>TTGCGAAGTCTCTCTTTAGCA</u>		4831	
<u>CCGCGAAGTCTCTCTTTAGTA</u>		4682	
<u>CTGCGAAGTCTCTCTTTAGGA</u>		3943	
<u>TTGCGAAGTCTCTCTTTAGGA</u>		3928	
<u>ACGCGAAGTCTCTCTTTAGTA</u>		3632	
<u>CAGCGAAGTCTCTCTTTAGGA</u>		3546	
a <u>CCGCGAAGTCTCTCTTTAGGA</u>		5213	
a <u>CCGCGAAGTCTCTCTTTAGCA</u>		4788	
a <u>CCGCGAAGTCTCTCTTTAGTA</u>		4590	
a <u>CAGCGAAGTCTCTCTTTAGTA</u>		4272	
a <u>CAGCGAAGTCTCTCTTTAGGA</u>		3457	

Fig. 8

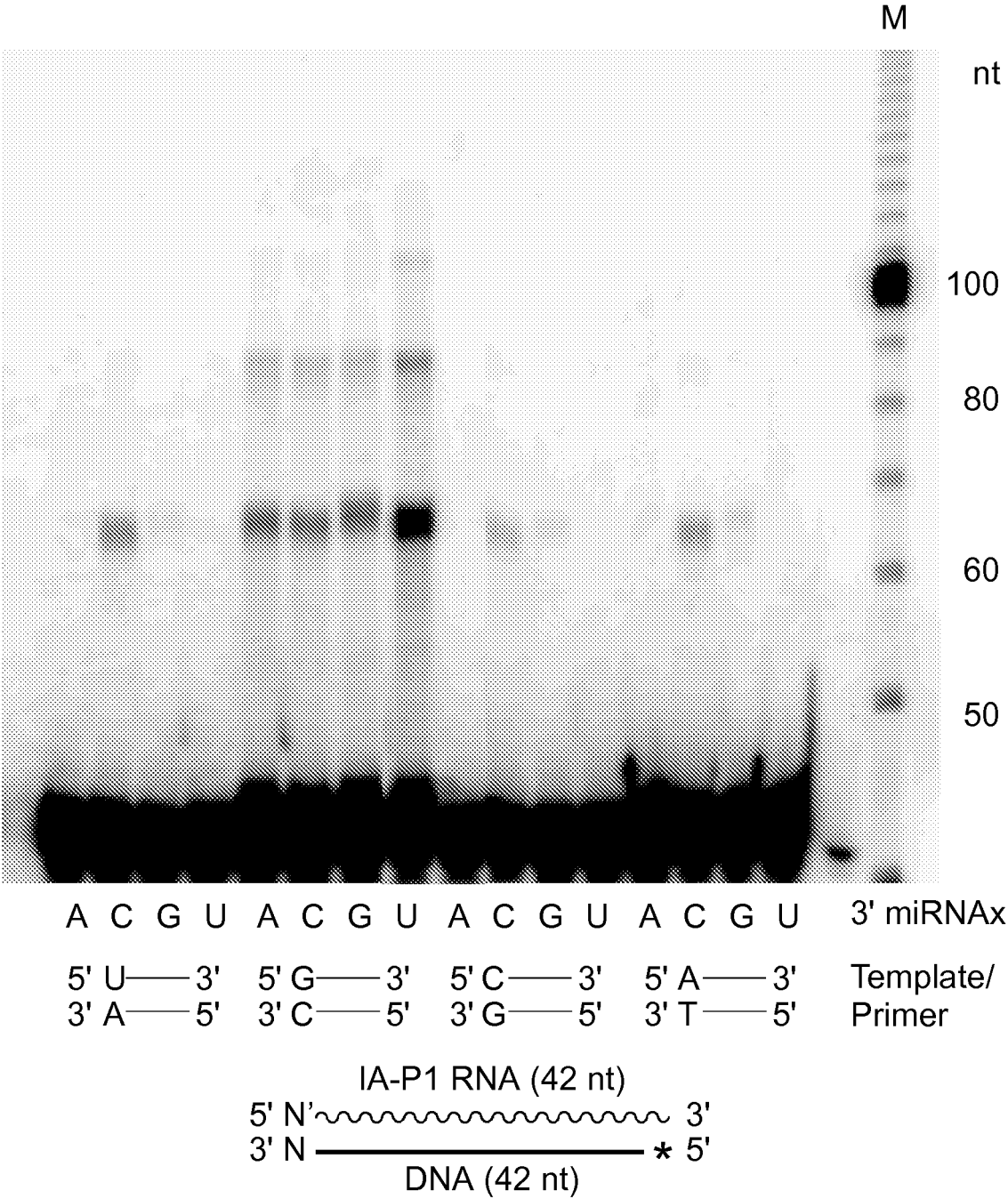


Fig. 9

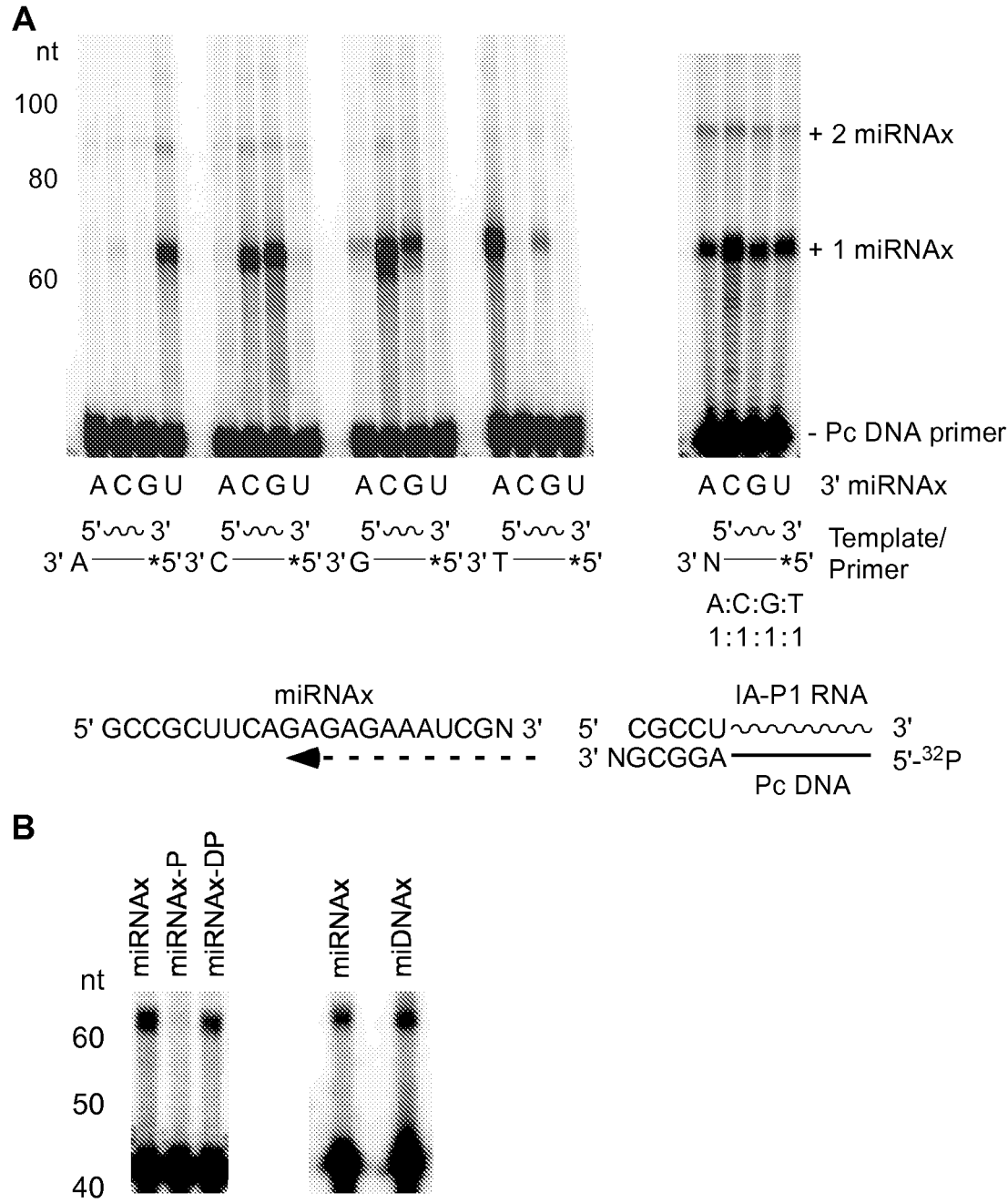


Fig.10

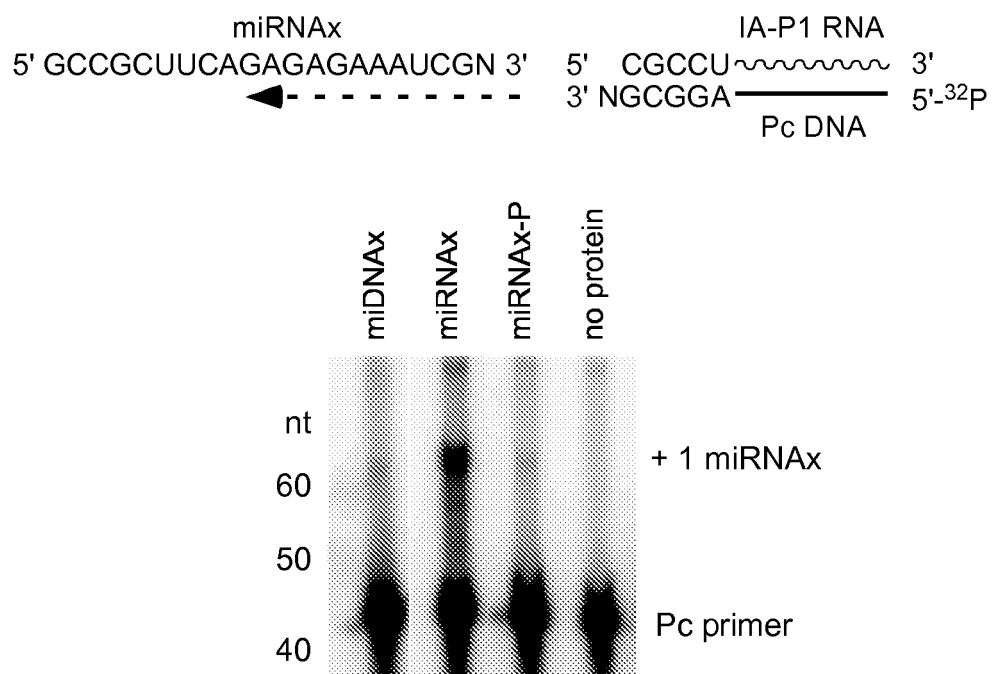


Fig.11

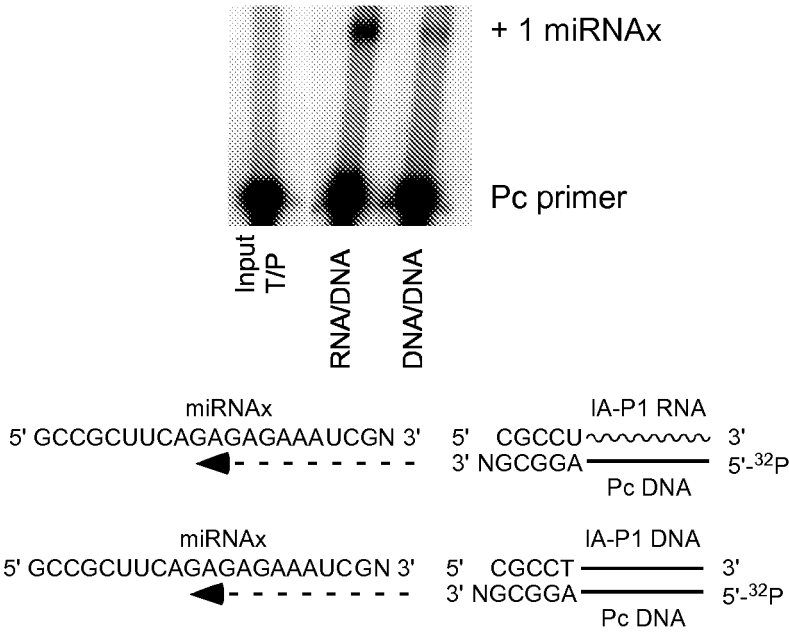


Fig.12

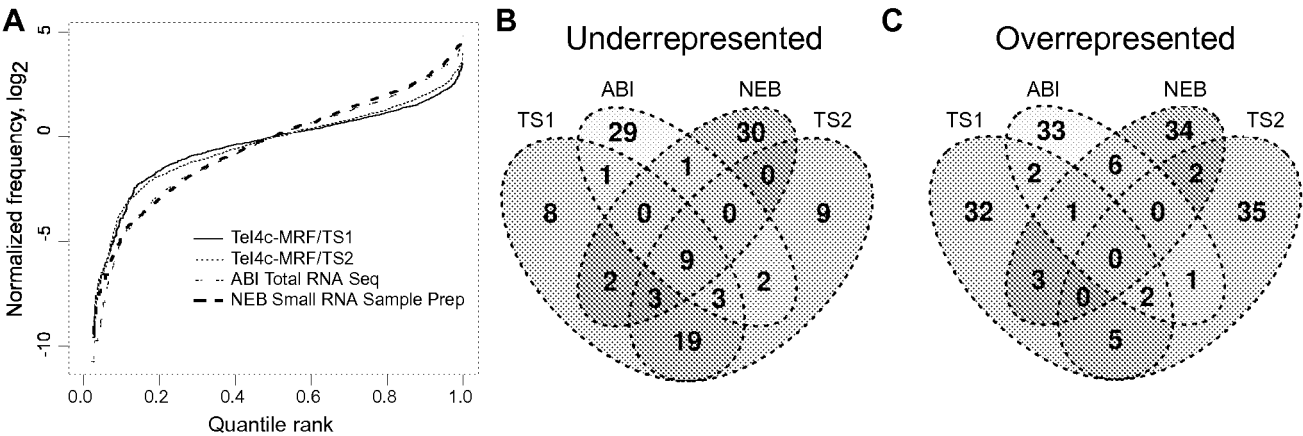


Fig.13

