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	zyme-to-substrate ratio of 1:2 (wt/wt) for 1 hr at 3/°C, and dried
	under reduced pressure. When the oligonucleotides were to be
	end-labeled, bacterial alkaline phosphatase was also added to
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80 <u> </u>	
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	the incubation mixture at a final concentration of 5 units/ml and
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3-2 <u>4</u>	
	KNA was recovered by extraction with phenol and precipitation
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	with otheral. The depherpheridated alignmulacitides were
	with ethanol. The dephosphorvlated ongonucleondes were
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		cleotid <u>es were then labeled with [5'-³²P]pCp at the 3' end by</u>		
	is U-A-C-A-C-A-C-C-G, 401 (6). By contrast, a comparable digest			
• <u>• • • • • • • • • • • • • • • • • • </u>				
62 <u>8</u> ,				
	9 k.			
	of the suspectively address 1 with the supervised state II	using PNA ligase and function stad by gol alastrophonosis. In this		
12 <u>4</u>	of the crossifiked adduct. In. vielded lust tiftee broducts. C	using RIVA nease and tractionated by gerelectrophoresis. In this		
	and A-C in a molar ratio of 1:3 and a component designated	case two crosslinked TI products hands 1, and 1', were iden-		
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62 <u>8</u>		Ξ_{c}^{c} Ξ_{c}^{c} Ξ_{c}^{A}		
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62 <u>8</u> ,	A Constant of the second secon	A - U ₃₃		
<u> </u>		C		
62 <u>4</u>		BB - ³⁰ C -		
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- <u></u> .	P1 that remained close to the origin (Fig. 2a. lane 1). The lack	tified by Fig. 1c;		
22 <u>4</u>				
62 <u>8</u>				
62 <u>8</u>				
-	<u>k</u>			
····	of free C and G in this instance indicates that either C_{1400} or	compare JA from		
		N		
	G_{1401} is the site of tRNA attachment. Although the low mobility	band $1_{\rm F}$ was irradiated at 254 nm and subjected to electropho-		
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nin <u>a :</u>		N		
1.2 <u>4</u>				
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۲i. 	of spot P1 suggested that it alone contained the crosslinked	resis alongside the unirradiated portion (Fig. 1d). Here again		
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	Biochemistry: Prince et al.	Proc. Natl. Acad. Sci. USA 79 (1982) 5453	
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