

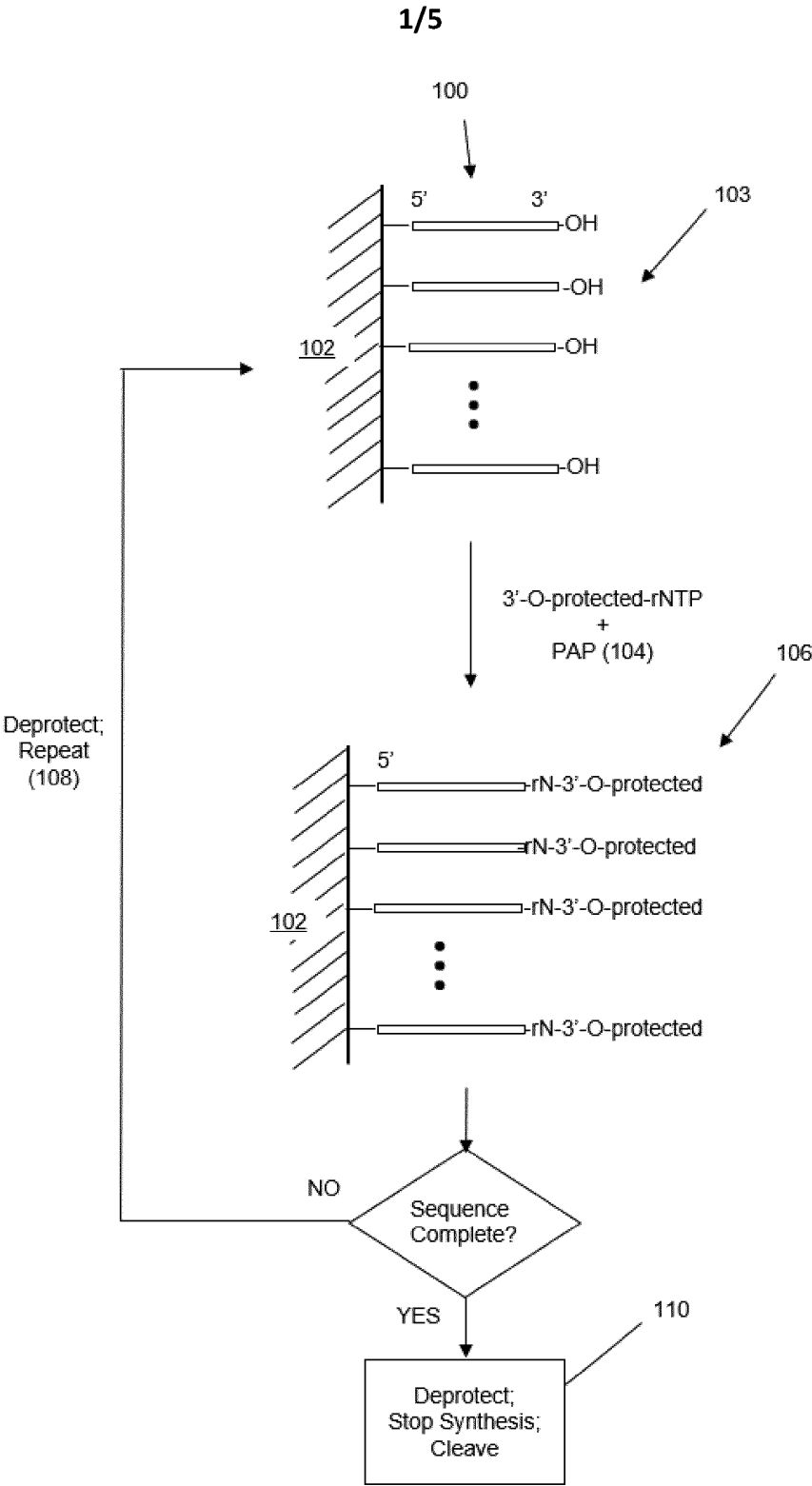


Figure 1

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additions	0	1	2	3	1 (A)	2 (AU)	1 (U)	2 (UA)
"+5"				8				
"+4"				20				
"+3"			15	57		10		
"+2"			76	9		58	6	54
"+1"	13	98	9	6	97	30	90	43
"0"	87	2			3	2	4	4

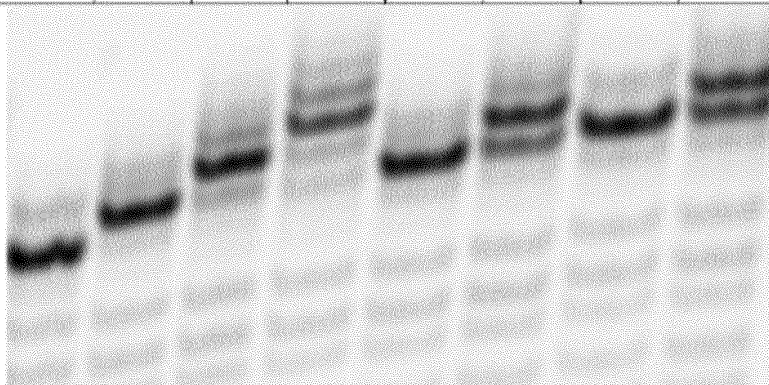


Figure 2A

+1	primer	A	G	U
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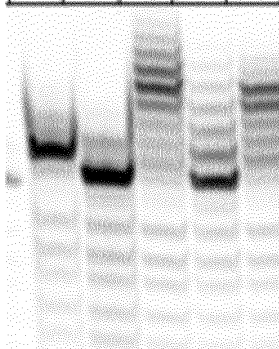


Figure 2B

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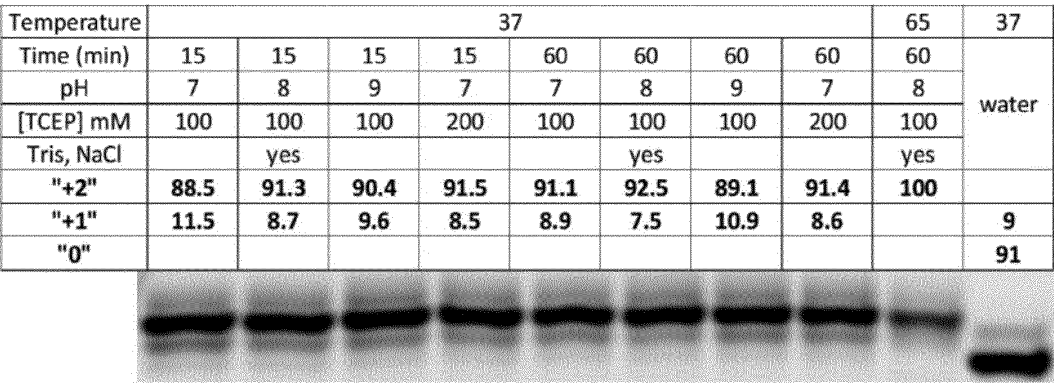
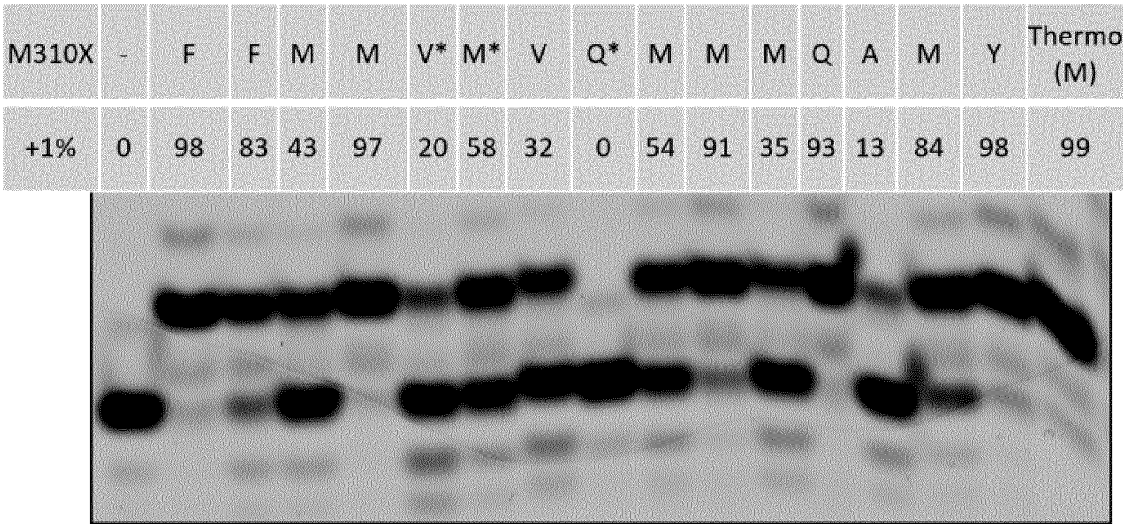


Figure 2C



*mutants contain one additional mutation besides M310X

Figure 3A

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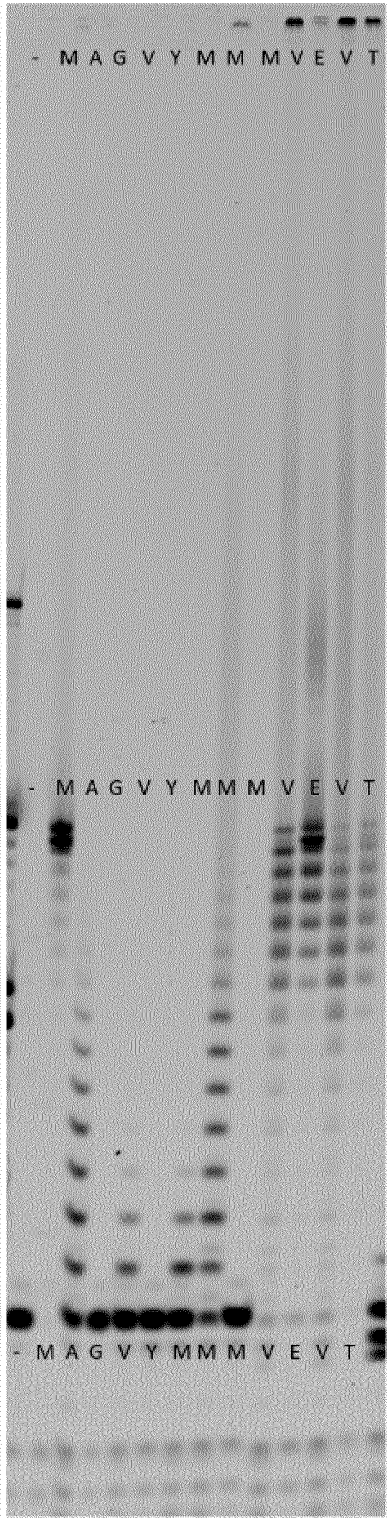


Figure 3B

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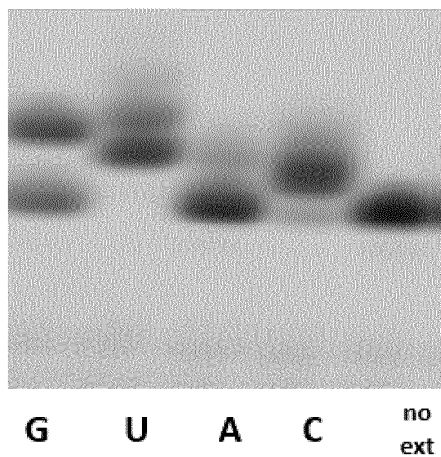


Figure 4