

Supplementary Table 5. Incorporation of Multiple Cytosines on Unfolded and G-quadruplex-forming Substrates.

		3xGGG	4xGGG
Pol η	34 nt	14.3 ^a	44.9
	35 nt	3.4	25.7
	36 nt	4.2	6.3
	37 nt	44.9	15.6
	38 nt	26.5	6.2
	39 nt	6.9	1.2
Pol κ	34 nt	17.3	65.5
	35 nt	6.1	14.0
	36 nt	5.6	3.6
	37 nt	48.5	10.7
	38 nt	14.8	4.0
	39 nt	7.7	2.2
Pol μ	34 nt	19.7	40.5
	35 nt	5.0	16.9
	36 nt	12.4	13.8
	37 nt	55.0	26.0
	38 nt	7.9	2.9
	39 nt	N.D.	N.D.
Pol β	34 nt	9.7	21.2
	35 nt	N.D.	21.1
	36 nt	4.5	7.9
	37 nt	72.7	45.5
	38 nt	10.2	3.9
	39 nt	N.D.	N.D.

^aValues, representing the percentage of total products for an individual reaction, were derived from Figure 6. N.D. = below the minimum detection limit.