

Gene is as a region of DNA that controls a hereditary (can be as short as 1000 base pairs or as long as several hundred

	$ \left(\begin{array}{c} P_1\\ P_2\\ \vdots \end{array}\right) $	
-	P_i	~
	$\left(P_{n}\right)$	

level the reaction

Translation Biochemical Reactions into DNA Strand Displacement Reactions

"Strand displacement" is a shorthand for toehold-mediated branch migration and strand displacement reactions, combined with the principles of toehold sequestering, and toehold exchange.*

