



SDI Review Form 1.6

PART 1:

Journal Name:	International Journal of Biochemistry Research & Review
Manuscript Number:	2013_IJBcRR_3777
Title of the Manuscript:	DNA polymerases: An insight into their active sites and catalytic mechanism

General guideline for Peer Review process is available in this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

- This form has total 7 parts. Kindly note that you should use all the parts of this review form.



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PART 2: Review Comments

	Reviewer's comment	Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
<u>Compulsory</u> REVISION comments	- The manuscript describes the comparison of sequences among different DNA polymerase families and interprets the sequences result mostly based on DNA polymerase I. The purpose of the manuscript is original and it covers enough study for publication. But some changes must be done before acceptance.	
<u>Minor</u> REVISION comments	- Sequence number in the middle block in Fig 2A is seen wrong. For example, number in this block cover 125-178 for E. coli. This number must be checked and it must be around 400 or 500. The all sequence comparisons must be evaluated at that point in the manuscript. - Full name of the microorganisms must be written. - For each DNA polymerase family, different microorganisms were selected for comparison in prokaryotes. The reason must be explained well. - 5'→3' nuclease activity is written like 5'→3' or 5'-3'. - One of them is selected and used in all text. - Full name of some abbreviation must be given, such as SDM, IN, etc. - There are many comparison from different families and these comparison may be interpreted more in detail.	
<u>Optional/General</u> comments	The manuscript is acceptable.	

Note: Anonymous Reviewer