



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 <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	This reviewer found some minor grammatical errors which can be easily addressed. In the area around lines 1726-1729 some articles are missing such as: "Eukaryotic polymerases showed the maximum number of ..." and " A notable one is the DXD motif which is found ..."	The grammatical errors in the area around lines 1726-1729 are corrected and highlighted in the revised manuscript
<u>Optional/General</u> comments	The authors have written a very interesting article on the active site(s) and catalytic mechanism of DNA polymerases. The manuscripts is very clear and descriptive and was enjoyable to read. The data analysis was appropriate for the study and the conclusions are plausible based on the results of the data analysis, i.e. a K/R and YG/A pair in the catalytic active site regions and distance between active sites is highly conserved and likely critical for the functionality of the enzymes.	