

Review of: "Impact of crowded environments on binding between protein and single-stranded DNA"

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In general, this is a very well organized paper with solid and practical arguments. It is enjoyable to read this paper. I am enlightened in two points from this paper, that i am eager and grateful to know more about. First, first paragraph of discussion section, can I be guided for a more comprehensive understanding on a precise analysis for residue Arg56 interaction with the phosphate backbone of oligonucleotides performed at a residue-by-residue level?

second, on page 11 last paragraph line 4 " It has to be expected that binding reactions monitored in vitro are not necessarily indicative of the true affinity or ligand specificity in vivo". What's the difference and what study has been conducted to address such difference. Could I have more insightful understanding?

Thank you very much!