

Fig 3 – Supplement 4: Biotinylation of the substrate does not affect CMG unwinding in the absence of streptavidin

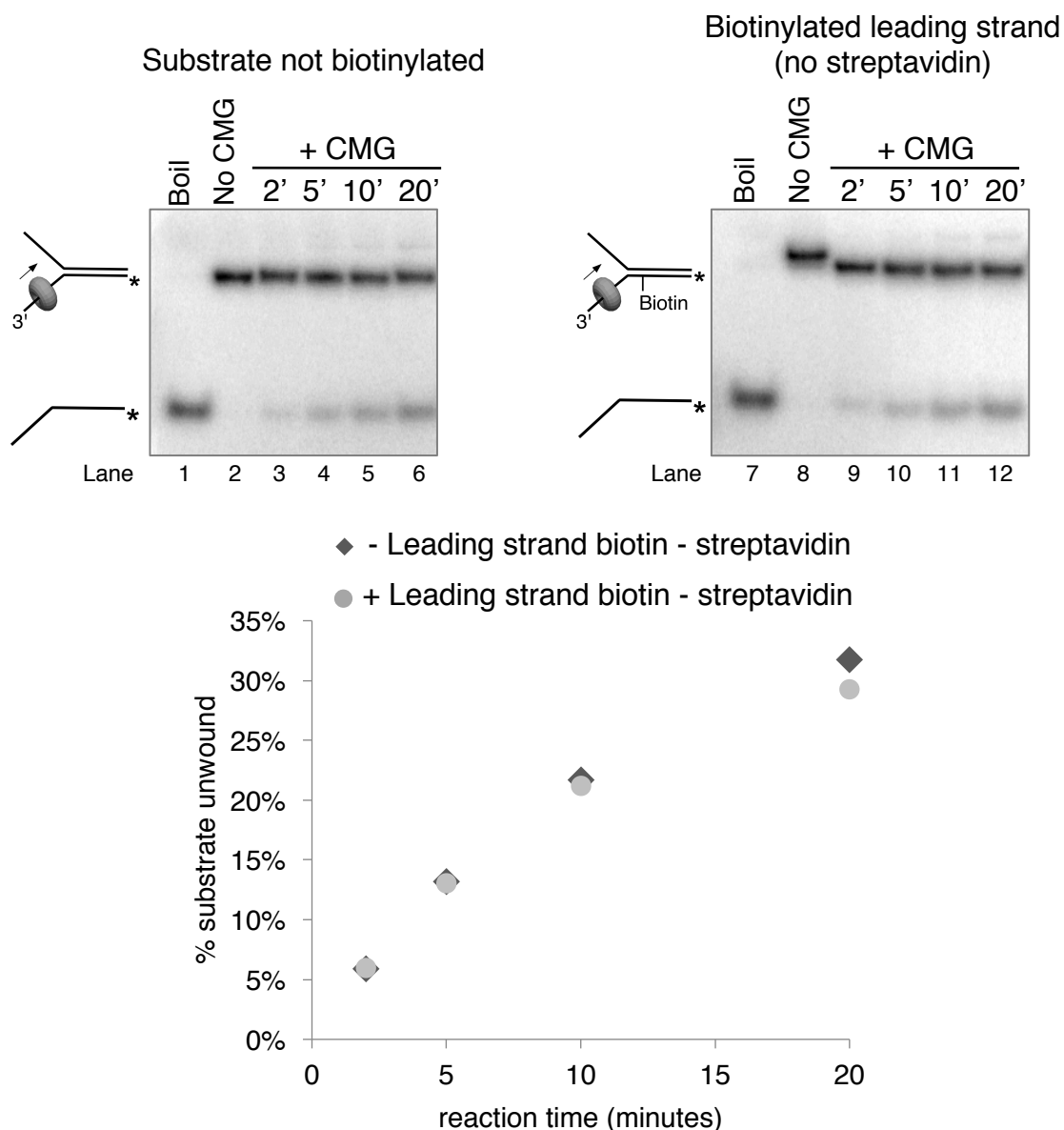


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As a control to determine whether the biotin modification on the substrate affects CMG unwinding in the absence of streptavidin, we compared CMG unwinding of a non-biotinylated substrate (lanes 3-6) to that of the substrate with biotin on the leading strand template (lanes 9-12). Reactions conditions were identical to those in Figure 3 – Supplement 2 except the total reaction volume was 60 μ l and 12 μ l time points were taken over a time course out to 20'. As shown in the graph at bottom, the amount of substrate unwound was identical in the absence and presence of the biotin modification.