

S2 Table

Change of solvent-accessible surface area at nucleotide pocket region and GDP in R-G $\alpha\beta\gamma$ (GDP) through the open motion

Region	$\beta 6-\alpha 5$	P-loop	Switch2	GDP	Total
residue range	365-369	49-54	223-228	413	n/a
Initial structure (\AA^2)	293.0	379.0	289.6	322.5	1284.1
NM structure (\AA^2)	305.1	381.8	294.4	328.2	1309.5

Solvent-accessible surface area is calculated with PyMOL with 1 \AA solvent radius.