



**Supplementary Figure S6. The S283A mutation does not impact the mitotic stability of transiently transfected Cdc25A.** Hek293 cells were cotransfected with a bicistronic plasmid vector expressing GFP (IRES, internal control for transfection efficiency) and Cdc25A either wild type or mutated on ser283, together with plasmids expressing CDK1 and cyclin B1. 5 h after transfection, cells were treated with nocodazole (200ng/ml) for an additional 24 h. Cycloheximide (CHX ; 100  $\mu$ M) was then added for the indicated times (h : hours). Total protein extracts were immunoblotted with the indicated antibodies. For each transfection the relative Cdc25A protein level was normalized to GFP and set to 100 for control cells not treated with cycloheximide (time 0).