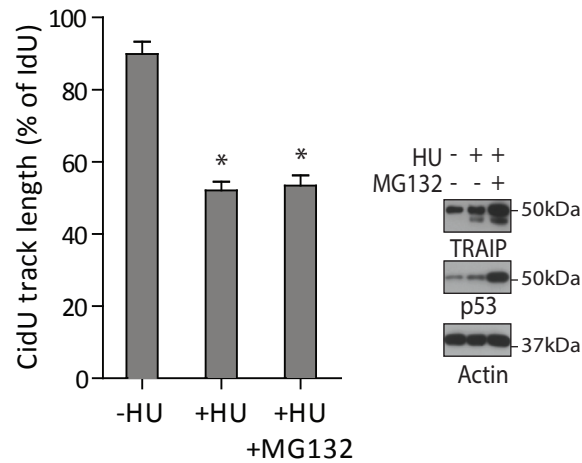


Supplementary Figure S9



Supplementary Figure S9

U2OS cells were pulse-labeled with IdU, treated with hydroxyurea (HU; 10mM) with or without proteasome inhibitor MG132 (10 μ M) for 2 hours, and released into fresh medium containing CldU and MG132 (10 μ M). CldU track length is shown as percentage of IdU track length. Results represent mean \pm S.E.M. from three independent experiments where at least 250 structures are counted for each experiment. Statistical significance was assessed by Student's t-test (* p <0.05). Corresponding U2OS cells were lysed and immunoblotting experiments were performed using indicated antibodies. p53 was used as an indicator to monitor proteasome inhibition following MG132 treatment.