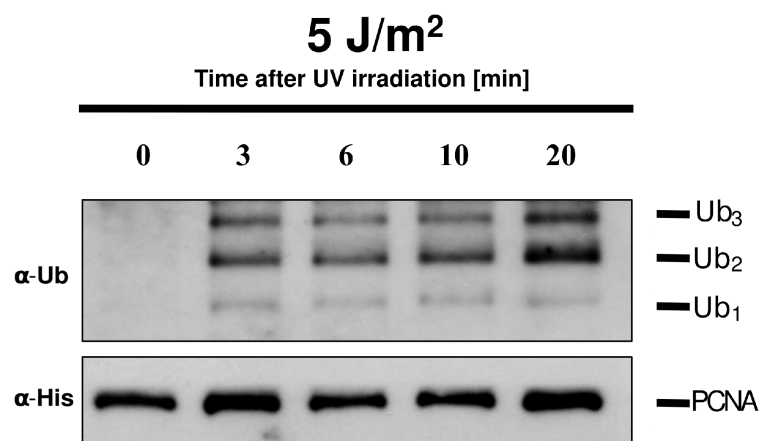


ADDITIONAL FILE 11

Early time-course of PCNA ubiquitylation after low acute UV irradiation

The figure shows the time-course measurement of mono-, di- and tri-ubiquitylated PCNA isoforms (top part, denoted by $\alpha-Ub$) and of non modified PCNA (bottom part, denoted by $\alpha-His$), sampled from 0 to 20 min after UV irradiation.



In order to enable the sampling of cells at early time points, we adopted a different protocol of UV irradiation: cells were UV irradiated at 5 J/m² and lysed on plate at the indicated time-points without liquid holding (as we instead did for all the experiments of this study). PCNA ubiquitylated isoforms were detected after denaturing pull-down, SDS-urea page and western blotting, as described in Section “Methods”.