

Figure S3. Kinetics of CPD induction and clearance following UVB exposure

Concentration of CPDs in control (siCtrl pool) and PPAR $\beta$ -depleted (siPPARD D, siPPARD 2) NHEK cells at different timepoints following UVB exposure (30mj/cm<sup>2</sup>; n=2) (Left). PPAR $\beta$  levels at different timepoints after UVB irradiation and CPD formation (right).