**Supplementary material**

**Untargeted lipidomic analysis of primary human epidermal melanocytes acutely and chronically exposed to UV radiation**

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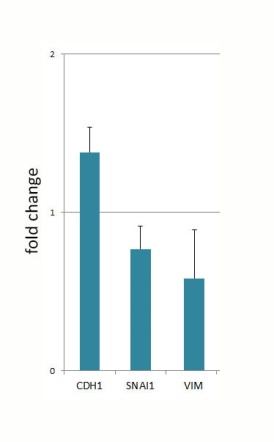
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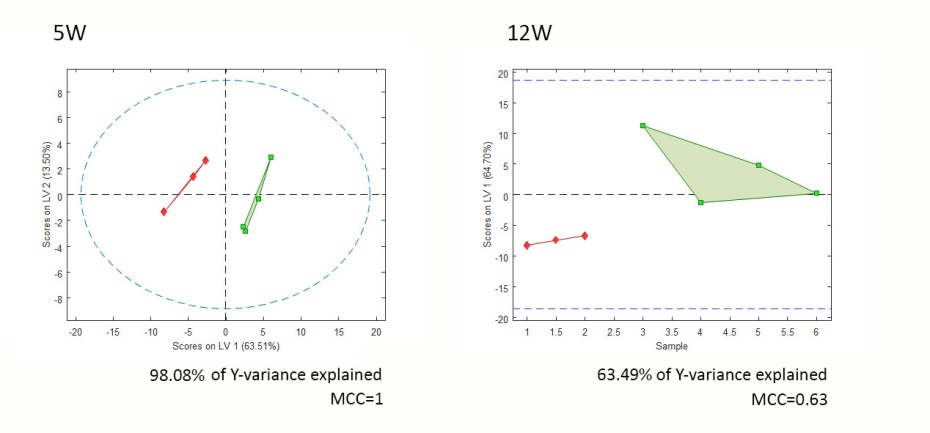
**FIGURES**

**Figure S1**

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**Figure S1. qRT-PCR of EMT related genes on cultured 3-week exposed cells vs non exposed.** No particular EMT induction profile was detected. Results represented the mean ± SE of three independent experiments (n=3) performed in duplicate.

**Figure S2**



**Figure S2. PLS-DA analysis of the lipidomic data at 5W and 12W.** UPLC-TOF positive and negative ionization data of melanocyte lipid extracts was processed using the ROIMCR strategy. At each endpoint studied a matrix containing the areas for each MCR component in the irradiated and non-irradiated samples was used to build the two-class PLS-DA models.