

Supplementary data

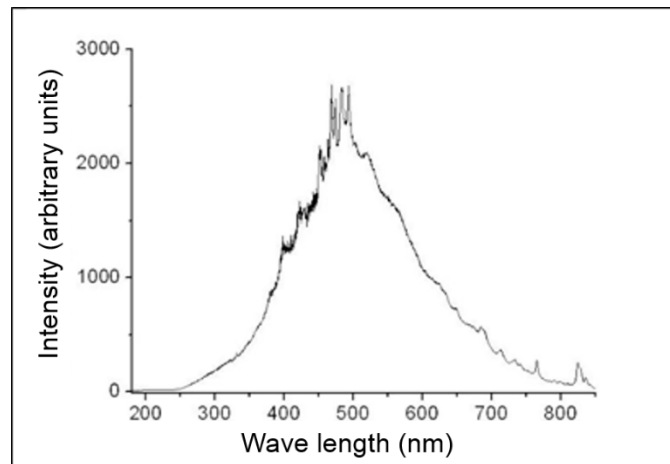


Figure S1 – Emission radiation spectrum applied to cultured human melanocytes.

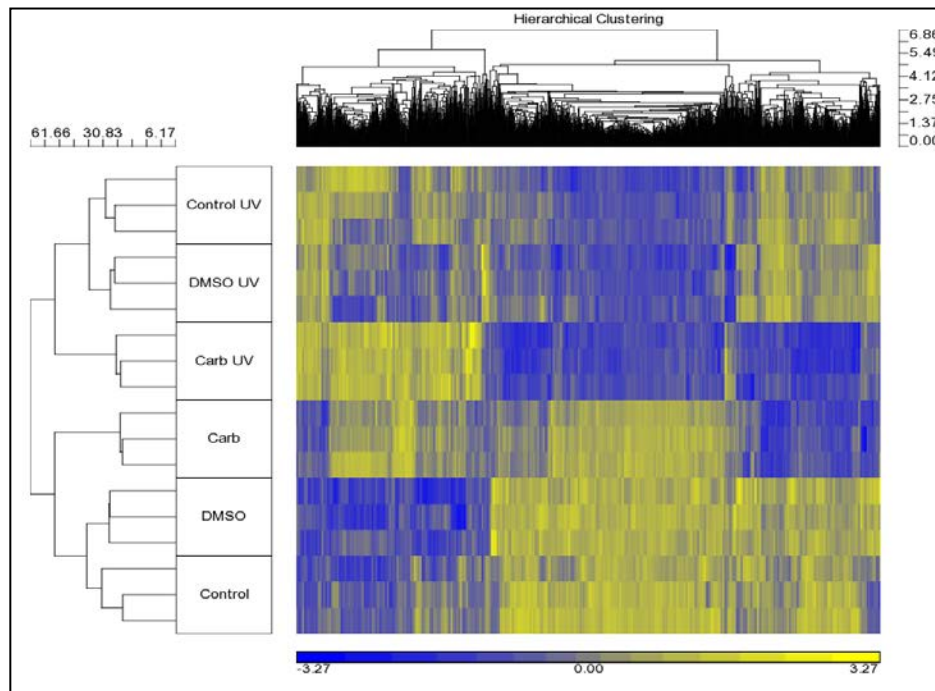


Figure S2 – Hierarchical clustering of 5934 significantly altered genes represented as a gene expression Partek-generated heatmap of triplicate samples from each experimental group. Control UV – treated with 375 mJ/cm² solar radiation; DMSO UV – treated with DMSO 0.07% and 375 mJ/cm² solar radiation; Carb UV – treated with carbaryl 100 µM and 375 mJ/cm² solar radiation; Carb – treated with carbaryl 100 µM; DMSO – treated with DMSO 0.07%; and Ctrl – non-treated group. Downregulated genes are identified in blue and upregulated genes are identified in yellow.