

# **The cutaneous beta human papillomavirus type 8 E6 protein induces CCL2 through the CEBP $\alpha$ /miR-203/p63 pathway to support an inflammatory microenvironment in epidermodysplasia verruciformis skin lesions**

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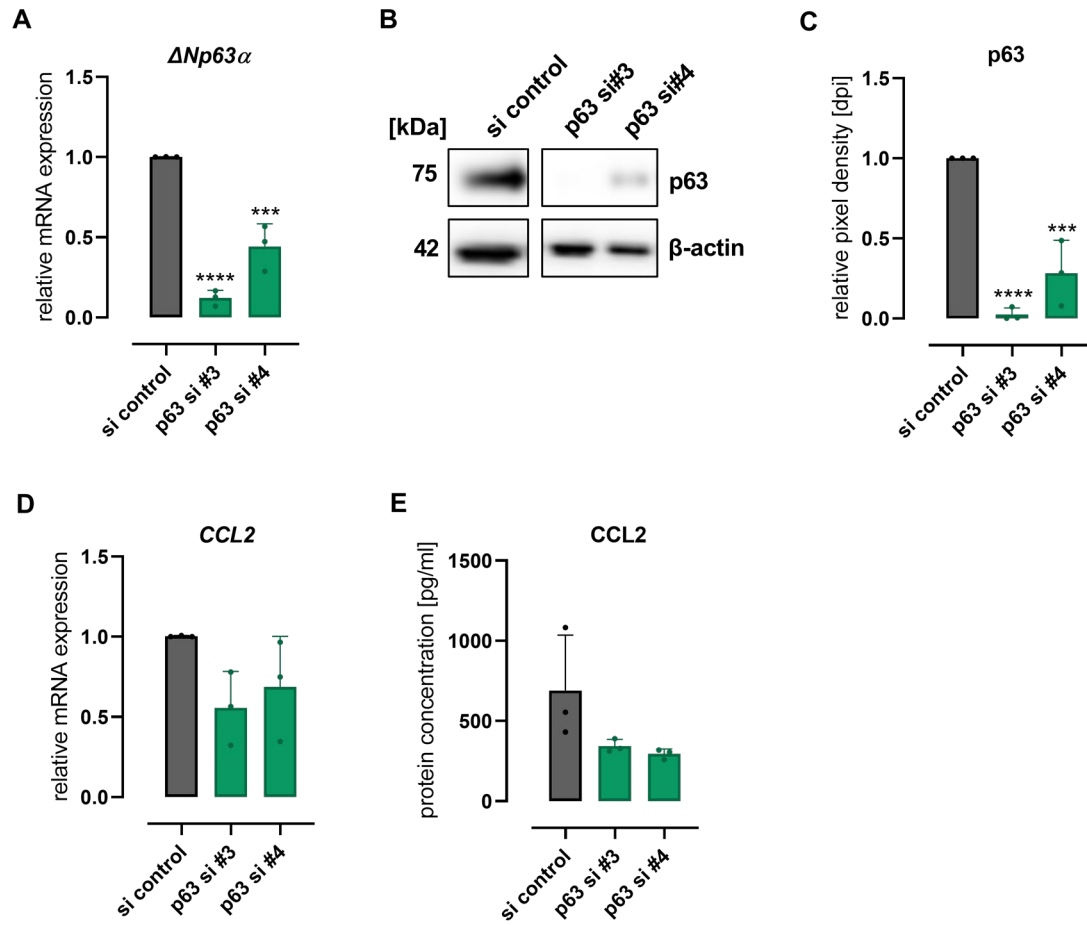
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## Supplementary Material

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**Supplementary Figure 2: p63 regulates CCL2 in HaCaT:** A-E) p63 and CCL2 expression of HaCaT cells after treatment with siRNA targeting p63 or control siRNA (si). Expression of  $\Delta Np63\alpha$  was detected by qRT-PCR (A) and total p63 protein by immunoblot (representative image in B and densitometry of three independent experiments in C). CCL2 expression was quantified by qRT-PCR (D) and ELISA (E) of respective conditioned media. Results demonstrated as “relative mRNA expression” in A, D were normalized to RPL13a housekeeping gene expression, as “relative pixel density [dpi]” normalized to  $\beta$ -actin calculated by imageJ in C and as “protein concentration [pg/ml]” in E. Significant difference were calculated with one-way Anova and Tukey correction for multiple comparison and displayed as \*  $p < 0.05$ , \*\*\*  $p < 0.001$  and \*\*\*\*  $p < 0.0001$ .