

Genes of interest	Group of genes	AK0 compared to US0	US2 compared to US0	AK2 compared to AK0
CDSN	Epidermis-specific		↓*	↓*
DSC1	Epidermis-specific		↓***	↓***
FLG2	Epidermis-specific	↓**	↓***	↓***
KRT2	Epidermis-specific		↓***	↓***
KRT9	Epidermis-specific	↑***	↓*	↓***
TGM3	Epidermis-specific		↑NS	
MMP1	Fibroblast	↑NS	↑***	↑***
CCL18	Chemokine	↑NS	↑***	↑**
IL8	Chemokine	↑NS	↑***	↑***
CD4	Immune cell		↑NS	
CD207	Immune cell	↓*	↓NS	↓NS
CD34	Adhesion proteins	↓*	↓***	↓***
ICAM1	Adhesion proteins		↑***	↑**
SELL	Adhesion proteins	↑**	↑***	↑***