

Supplemental Table 1. Cytokine and chemokines comparison between KC-Tie2 and KC-EC-Tie2 mouse models compared with littermate controls.

| Characteristic | KC-Tie2 mouse | KC-EC-Tie2 mouse |
|-----------------------------|-----------------------------------|--|
| General inflammatory | | |
| TNF α | Yes (Taqman qRT-PCR) | Not reported |
| IL1 | Increased (microarray) | Not reported |
| IL6 | Increased (Taqman qRT-PCR) | Increased in skin (semi-quantitative RT-PCR), no change in blood (protein array) |
| Th1 | | |
| IFN γ | Increased (ELISA) | Increased in skin (semi-quantitative RT-PCR), no change in blood (protein array) |
| Th17 | | |
| IL17 | Increased (ELISA) | No change (protein array) |
| IL22 | Increased (ELISA) | Not reported |
| Th2 | | |
| IL2 | No difference (microarray) | Increased in skin (semi-quantitative RT-PCR), no change in blood (protein array) |
| IL9 | No difference (microarray) | Increased in blood (protein array) |
| IL4 | No difference (ELISA, microarray) | Increased in blood (protein array) |
| IL-5 | No difference (microarray) | Increased in skin (semi-quantitative RT-PCR), no change in blood (protein array) |
| TARC | No difference (microarray) | Increased in skin (semi-quantitative RT-PCR) and in blood (protein array) |
| Eotaxin | No difference (microarray) | Increased in skin (semi-quantitative RT-PCR) and in blood (protein array) |
| RANTES | No difference (microarray) | Increased in skin (semi-quantitative RT-PCR) and in blood (protein array) |
| Macrophage | | |
| IL12p70 | Increased (ELISA) | Increased in blood (protein array) |
| IL12p40 | Increased (ELISA) | Increased in skin (semi-quantitative RT-PCR) and in blood (protein array) |
| IL23 | Increased (ELISA) | Not reported |