



Fig. S1. Study plan of overall experimental design. (A) Pretreatment irradiation regime for 8-methoxypsoralen plus ultraviolet A (PUVA) and ultraviolet B (UVB), given at sub-phototoxic dose levels of 0.25 and 0.2 J/cm², respectively. Imiquimod (IMQ) was applied topically with a gap of 3 or 7 days, at 62.5 mg/day per mouse at the indicated time-points. (B) Treatment regime of PUVA (0.25 and 0.5 J/cm²) and UVB (0.2 J/cm²) during the active disease induced by IMQ. The execution (E) and tissue collection for each group is indicated with arrows at the respective time-point. Each study group consisted of 5 mice.