

Differential requirements of TCR signaling in homeostatic maintenance and function of Dendritic Epidermal T Cells

Supplemental Data

Supplemental Movie.1 Intravital scan of wild type DETCs at steady state.

$TCR\delta^{CreER}R26^{ZsGreen}$ mice (n = 2) were treated with tamoxifen. One week later, images of ZsGreen labeled DETCs (ear) were recorded for 3 hours by two-photon microscopy.

Supplemental Movie.2 Intravital scan of LAT-deficient DETCs at steady state.

$TCR\delta^{CreER}Lat^{GFP/GFP}R26^{ZsGreen}$ mice (n = 2) were treated with tamoxifen. One week later, images of ZsGreen labeled DETCs (ear) were recorded for 3 hours by two-photon microscopy.

Supplemental Movie.3 Morphological change of wild type DETCs upon wounding.

$TCR\delta^{CreER}R26^{ZsGreen}$ mice (n = 2 each) were treated with tamoxifen. One week later, ear cut was performed and the dynamics of DETCs was recorded at the wound edge (top) for 10 hours by two-photon microscopy.

Supplemental Movie.4 Morphological change of LAT-deficient DETCs upon wounding.

$TCR\delta^{CreER}Lat^{GFP/GFP}R26^{ZsGreen}$ mice (n = 2 each) were treated with tamoxifen. One week later, ear cut was performed and the dynamics of DETCs was recorded at the wound edge (top) for 10 hours by two-photon microscopy.