

1 ***Supplemental videos***

2 **Video 1. Naïve Flot1^{-/-} and WT OT-I T cells migrating in popliteal LN.** Scale 20 μm; Time in min:s.

3 **Video 2. Memory Flot1^{-/-} and WT OT-I T cells migrating in popliteal LN.** Scale 20 μm; Time in min:s.

4 **Video 3. Memory Flot1^{-/-} and WT OT-I T cells migrating in the epidermis.** Scale 50 μm; Time in

5 h:min:s.