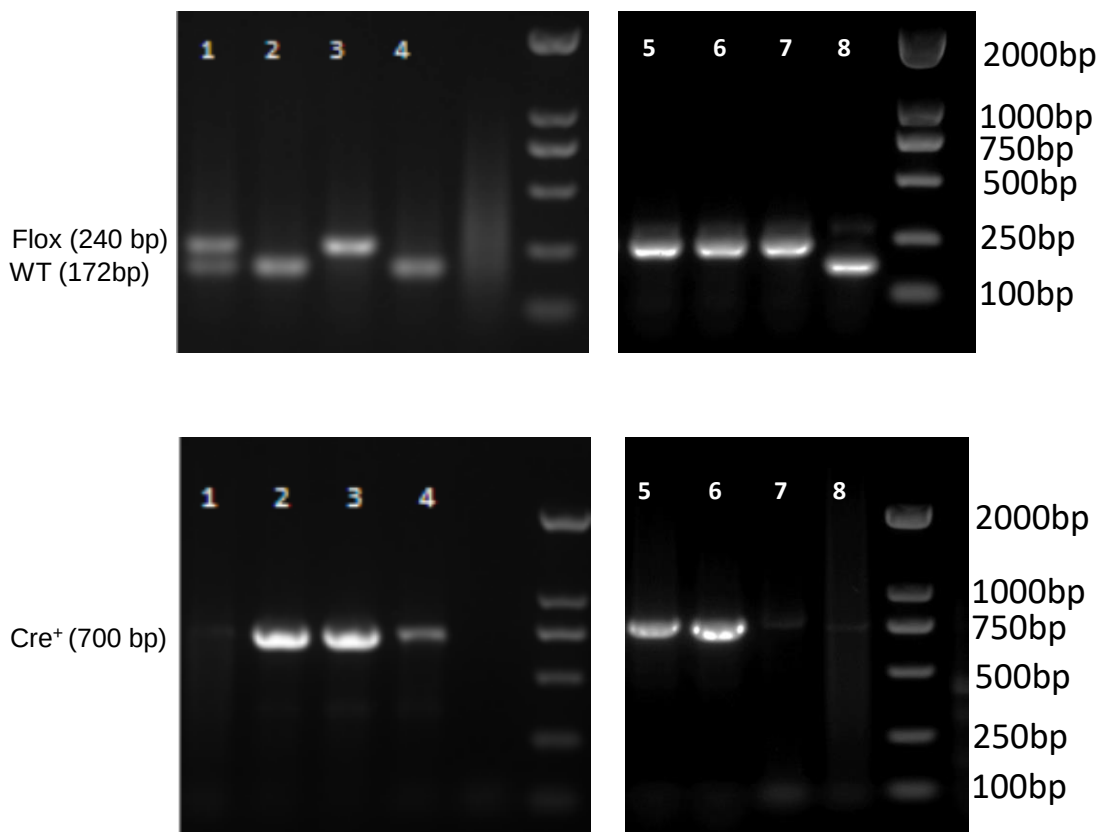


Supplementary Table 1. Nucleotide sequences of the primers used for the RT-qPCR

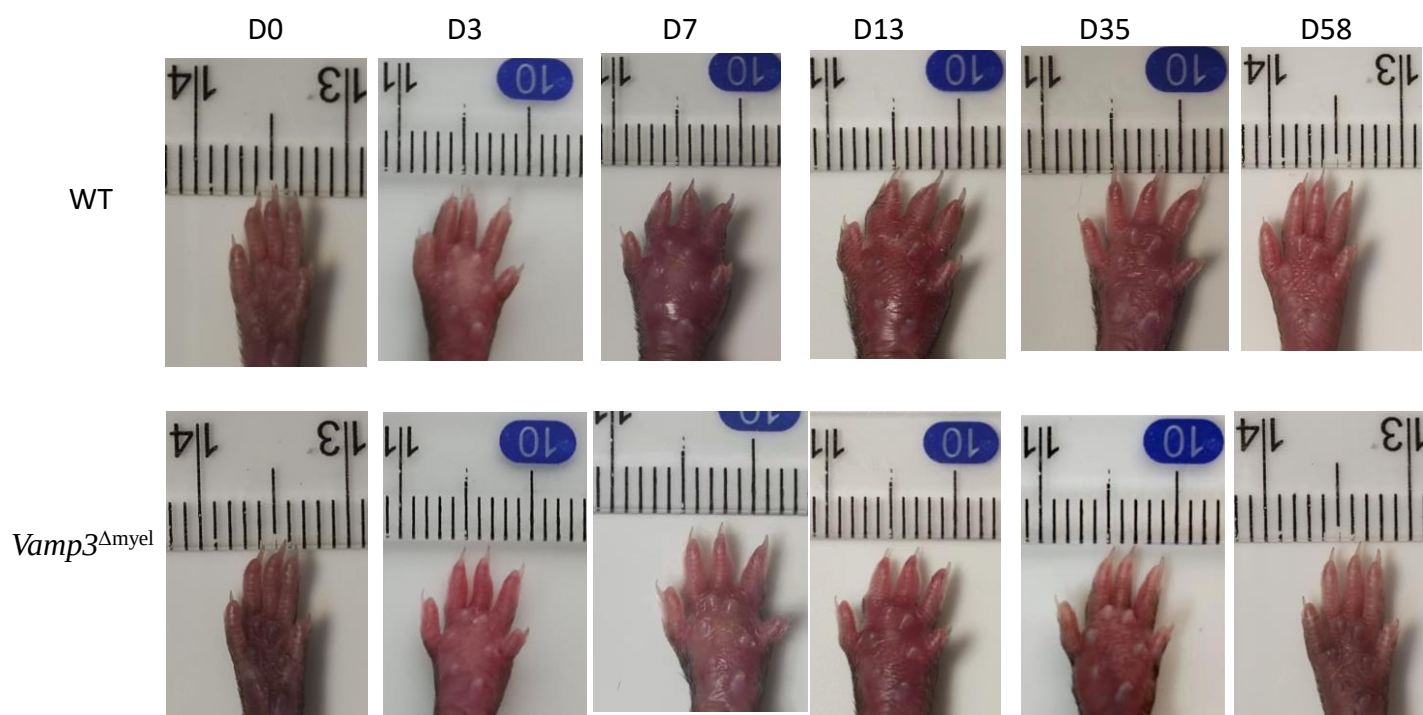
Gene ID (Accession No.)	Primer sequence (5' to 3')
Mouse IL-6 (NM_031168)	Forward: TACCACTTCACAAGTCGGAGGC
	Reverse: CTGCAAGTGCATCATCGTTGTTC
Mouse TNF- α (NM_013693)	Forward: GTTCTATGGCCCAGACCCTCAC
	Reverse: GGCACCACTAGTTGGTTGTCTTTG
Mouse IL-1 β (NM_008361)	Forward: TCCAGGATGAGGACATGAGCAC
	Reverse: GAACGTCACACACCAGCAGGTTA
Mouse CXCL11 (NM_019494)	Forward: CCGAGTAACGGCTGCGACAAAG
	Reverse: CCTGCATTATGAGGCGAGCTTG
Mouse COX-2 (NM_011198)	Forward: GCGACATACTCAAGCAGGAGCA
	Reverse: AGTGGTAACCGCTCAGGTGTTG
Mouse CD68 (NM_009853)	Forward: GGCGGTGGAATACAATGTGTCC
	Reverse: AGCAGGTCAAGGTGAACAGCTG
Mouse CD54 (NM_010493)	Forward: AAACCAGACCCTGGAAGTGCAC
	Reverse: GCCTGGCATTTCAGAGTCTGCT
Mouse TIMP-1 (NM_011593)	Forward: TCTTGTTCCCTGGCGTACTCT
	Reverse: GTGAGTGTCACCTCTCCAGTTTGC
Mouse GAPDH (NM_008084)	Forward: CATCACTGCCACCCAGAAGACTG
	Reverse: ATGCCAGTGAGCTTCCCGTTCAG

Primers used in genotyping

Primer Name	Primer sequence (5' to 3')
<i>Vamp3</i> -flox-Forward	TCTCCTGTGCAGTTTTAGTCTGTG
<i>Vamp3</i> -flox-Reverse	GGTGGACACCATTACCATCTTCAT
<i>LyzM</i> -Cre-Forward	CCCAGAAATGCCAGATTACG
<i>LyzM</i> -Cre-Reverse	CTTGGGCTGCCAGAATTTCTC



Supplementary Figure 1: Genotyping of *Vamp3*^{Amyel} and *LysM*-*Cre* mice. In the upper panel, the primers used for genotyping are listed. In the bottom panel, a typical PCR was performed to screen mouse genotype. Mouse 1: *Vamp3*^{flox^{+/+}}-*Cre*⁻; 2,4: *Vamp3*^{flox^{-/-}}-*Cre*⁺; 3, 5, 6: *Vamp3*^{flox^{+/+}}-*Cre*⁺; 7: *Vamp3*^{flox^{+/+}}-*Cre*⁻; 8: WT



Supplementary Figure 2: The representative photographs show the plantar surface of the ipsilateral hind paw of one *Vamp3*^{Δmyel} mouse and one WT mouse over time after CFA injection.