

1 **Supporting Information**

2

3 **Fig S1. The deficiency of ASC in *Itgax* (CD11c), Lysosome 2 (*Lysm*) or Keratin**
4 **14 (K14) expressing cells does not affect LRV-mediated pathogenesis in mice.**

5 Mice were infected with 3×10^6 stationary promastigotes of *LgyLRV1+*. Footpads of
6 mice were measured weekly. All conditional knockout mice were homozygous for
7 floxed ASC alleles and expressed Cre on one allele under the control of indicated
8 promoters. Non-cre expressing littermate mice were used as a control.

9

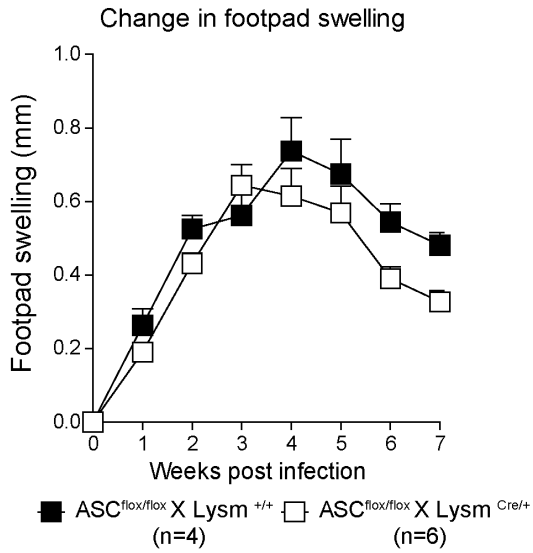
10

11 **Supplementary Figures**

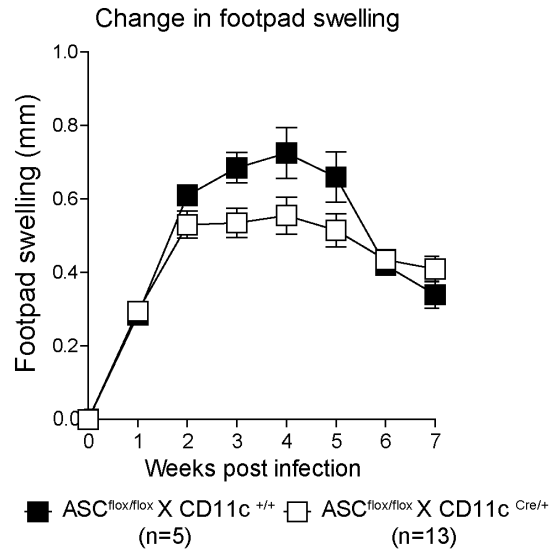
12

13 **Figure S1**

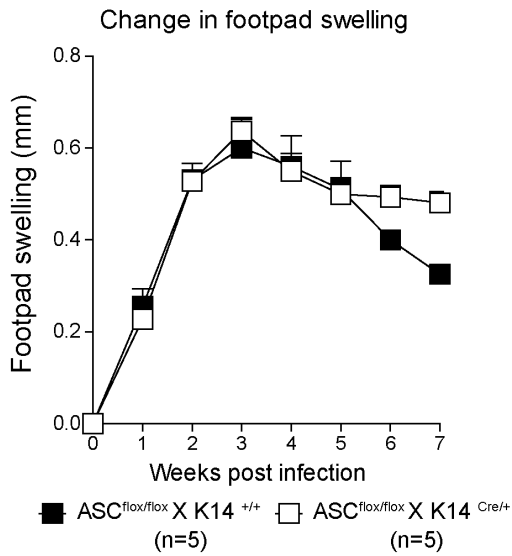
A



B



C



14

15

16

17

18

19

20 **Table S1. The list of primers used for qRT-PCR.**

Gene	Forward Primer	Reverse Primer
<i>Aim2</i>	GTC ACC AGT TCC TCA GTT GTG	CAC CTC CAT TGT CCC TGT TTT AT
<i>Asc</i>	GAG CAG CTG AAA CGA CTA A	GCT GGT CCA CCA AGT GTC CT
<i>Casp1</i>	ACA AGG CAC GGG ACC TAT G	TCC CAG TCA GTC CTG GAA ATG
<i>Il1b</i>	CAA CAA ACA AGT GAT ATT CTC CAT	GTG CCG TCT TTC ATT ACA CAG
<i>L32</i>	AAG CGA AAC TGG CGG AAA C	TAA CCG ATG TTG GGC ATC AG
<i>Naip5</i>	TGC CAA ACC TAC AAG AGC TGA	CAA GCG TTT AGA CTG GGG ATG
<i>Nlrc2</i>	CCA ATC TTC ACG TCG TCT CA	ACG TGC TGT AGA AGG AAG GC
<i>Nlrc3</i>	CCT CAG CCT GCG AGA AAA CT	TCG GTC ATG GAG GAG ATT AGC
<i>Nlrc4</i>	TCC CCT CCA ACT GCT TCA AC	GAA AAG GAT GGG AAT GAA GCT C
<i>Nlrc5</i>	TGG AGG AGG TCA GTT TGC	ATG CTC CTG ATT GCT GTG TAG
<i>Nlrp1</i>	ATG TGG ACC CAA CCT TCA AA	GTA CGT GCT CCT GGA AAG GT
<i>Nlrp3</i>	AAG TAA GGC CGG AAT TCA CC	GCT CCA ACC ATT CTC TGA CC
<i>Nlrp10</i>	TGC TCC GTA CAT TGA AAT CAG TT	TCA AGA CGC TGA AGT TCC ACT
<i>Nlrp12</i>	GAGCGA GGA CAG GGA GAA GA	TTG CGG TCT TCC ATT AGC TG
<i>Nlrx1</i>	CAT GAA AAC TCG GCA GAC AG	GGC TAA ACC ACT CGG TGA GG

21

22

23