Figure S1. *Myd88*$^{-/-}$ mice infected with *H. felis* for 2 months. Bone marrow was isolated from *Myd88*$^{-/-}$ mice, 2 months post-infection and stained with CK8/18 (red), c-Kit (green) and nuclei stained with DAPI. Images were taken at x20 magnification. *Myd88*$^{-/-}$, myeloid differentiation primary response 88- deficient; CK, cytokeratin.

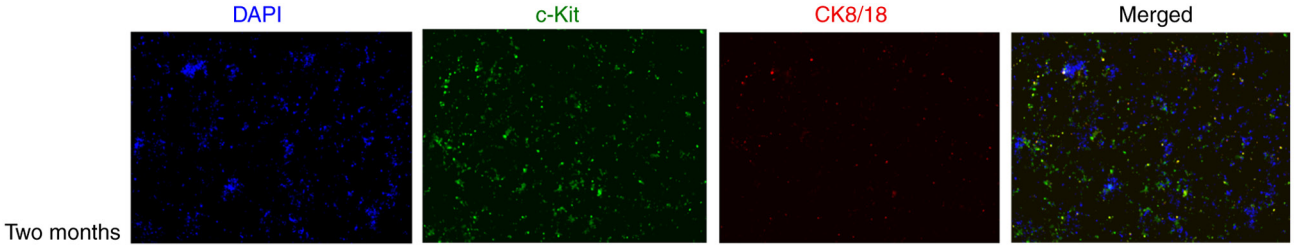

Figure S2. Bone marrow immunofluorescence of WT mice. Representative images of immunofluorescent staining of bone marrow with CK8/18 (red), c-Kit (green) and nuclei stained with DAPI in WT mice. Images shown are: Uninfected (top row), 5 months post-infection (middle row) and 6 months post-infection (bottom row). Images were taken at x20 magnification. WT, wild-type; CK, cytokeratin.

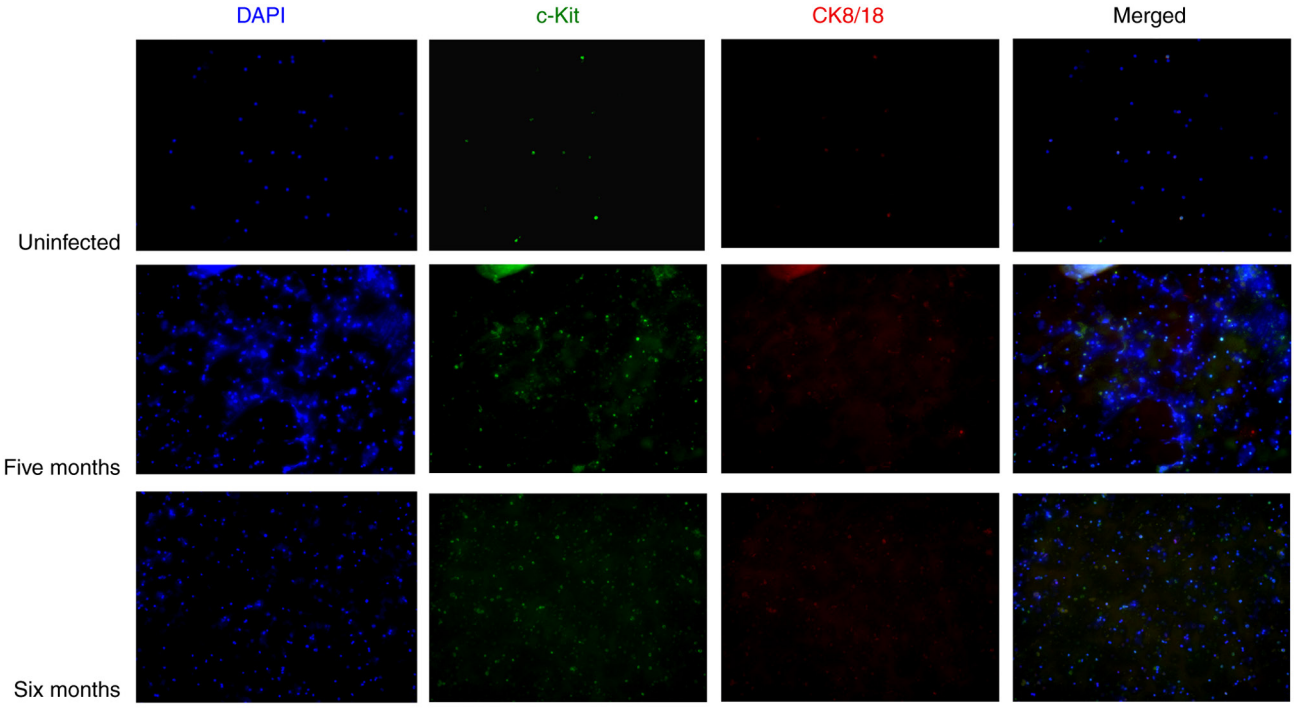

Table SI. Primers used for RT-qPCR analysis.

	Sequence 5'-3'	(Refs.)
GAPDH	F: TCAACAGCAACTCCCACTCTTCCA R: ACCCTGTTGCTGTAGCCGTATTCA	(1)
CD44	F: CCACAGCCTCCTTTCAATAACC R: GGAGTCTTCGCTTGGGGTA	(2)
SOX9	F: GGCAAGCTCTGGAGGCTG R: CCTCCACGAAGGGTCTCTTCT	(3)
CD133	F: TCTGTTCAGCATTTCCTCAC R: TCAGTATCGAGACGGGTC	Present study
SOX2	F: AGGGTCTGCTACTGAGATGCTCTG R: CAACCACTGGTTTTTCTGCCACCG	(3)
OCT4	F: TCTTTCCACCAGGCCCCCGGCTC R: TGCGGGCGGACATGGGGAGATCC	(3)
NANOG	F: AGGGTCTGCTACTGAGATGCTCTG R: CAACCACTGGTTTTTCTGCCACCG	(3)
CK18	F: ACTCCGCAAGGTGGTAGATG R: GCCTCGATTTCTGTCTCCAG	(4)
CK19	F: ACCCTCCCGAGATTACAACC R: CAAGGACTGTTCTGTCTCAA	(5)
MUC1	F: CCCTACCTACCACACTCACGGACG R: GTGGTCACCACAGCTGGGTTGGTA	(5)
Lgr5	F: TGCCCATCACACTGTCACTGT R: CACCCTGAGCAGCATCCTG	(2)
Snail	F: CTGGTGAGAAGCCATTCTCC R: GGAAGATGCCAGCGAGGATG	Present study
Twist	F: CTGGACTCCAAGATGGCAAG R: CCAGAGTCTCTAGACTGTCC	Present study
ZEB	F: CCAGTGAAGGTGATCCAGCC R: GAGGCCTCTTACCTGTGTGC	Present study

CD, cluster of differentiation; LGR5, leucine-rich repeat-containing G-protein coupled receptor 5, SOX, SRY-box transcription factor; CK, cytokeratin; ZEB, zinc finger E-box-binding homeobox; OCT4, octamer-binding transcription factor 4.

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