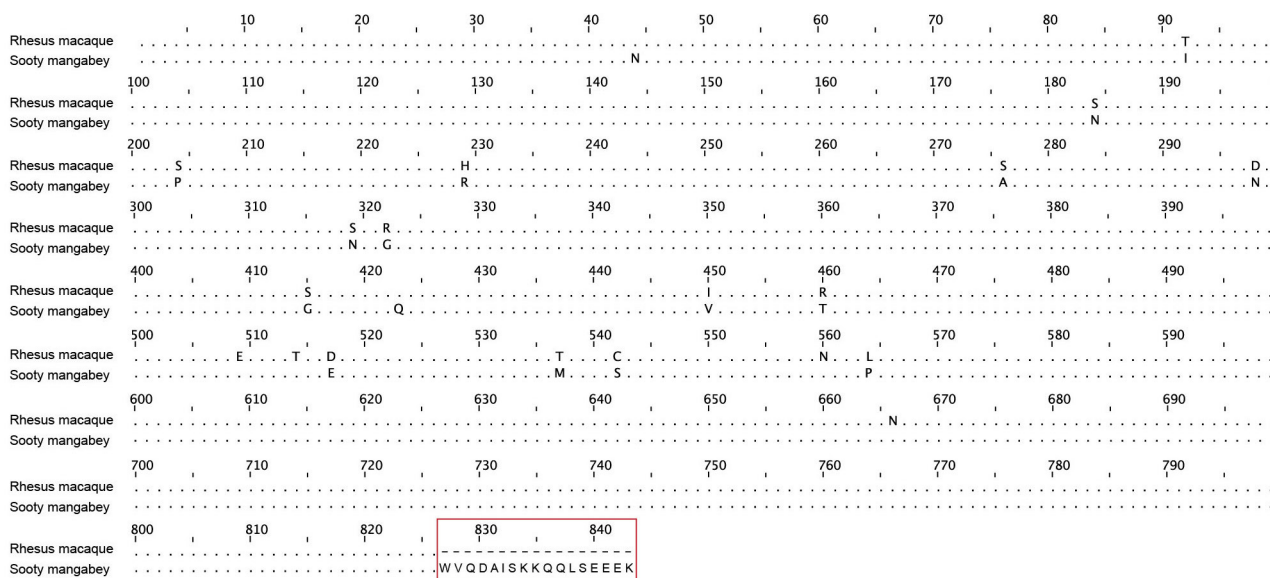
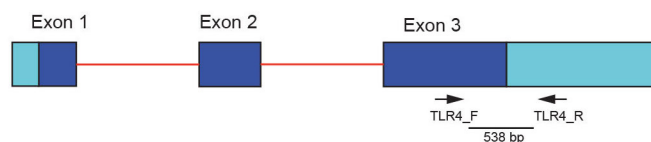


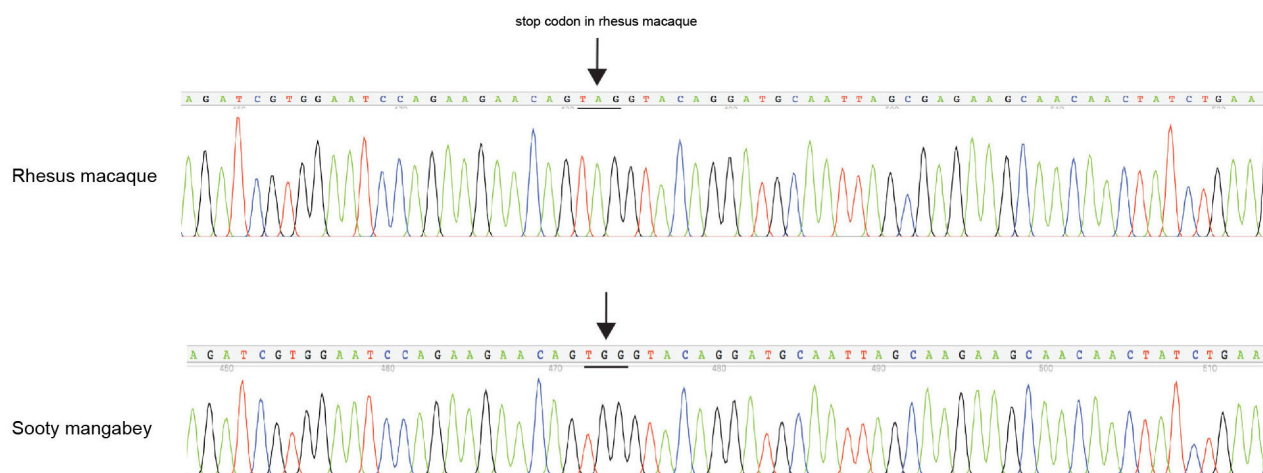
a



b



c



**Extended Data Figure 5 | Sequence alignment of TLR-4 and the structure of the *TLR4* gene.** a, Pairwise alignment of TLR-4 protein sequences for *C. atys* and *M. mulatta*. The sequence difference at the C terminus is highlighted in red. Sequences were aligned using Jalview v.2.9.0. b, *TLR4* gene structure and location of PCR primers. Light blue, untranslated region; dark blue, CDS; red lines, intronic sequence. Primer

positions are indicated by arrows. Predicted PCR product is indicated by thick line. Primers *TLR4\_F* and *TLR4\_R* were designed to amplify a region including a putative stop-loss mutation present in *CaTLR4* but not in *MmTLR4*. c, Chromatograms showing stop-loss (indicated by arrows) in the *TLR4* gene in *C. atys* with respect to *M. mulatta*. The relevant codon is underlined.