

**S3 Table 1. Main findings in the liver, lung and brain in histopathological analysis in *T. canis* infection.**

<b>Group</b>	<b>Liver</b>	<b>Lung</b>	<b>Brain</b>
<b>WT 3dpi</b>	Larvae dispersed in the parenchyma; necrotic areas; hemorrhage; vascular congestion; inflammatory foci mixed composed of eosinophils, neutrophils, macrophages and lymphocytes.	Interalveolar septal thickening with mixed inflammatory infiltrate; perivascular edema; hemorrhagic areas; larvae in the lung parenchyma; bronchial and bronchiolar cell hypertrophy; presence of granulomas in the exudative phase.	Multifocal areas of hemorrhage; vacuolation of the neuropil in the cerebral cortex; hemorrhagic foci in the cerebellum and hippocampus; Inflammatory infiltrates in the cerebral cortex.
<b>ST2<sup>-/-</sup> 3dpi</b>	Larvae dispersed in the parenchyma; necrotic areas; hemorrhage; vascular congestion; inflammatory foci mixed composed of neutrophils, macrophages and lymphocytes.	Interalveolar septal thickening with mixed inflammatory infiltrate; perivascular edema; hemorrhagic areas; larvae in the lung parenchyma; bronchial and bronchiolar cell hypertrophy.	Multifocal areas of hemorrhage; vacuolation of the neuropil in the cerebral cortex; hemorrhagic foci in the cerebellum and hippocampus; inflammatory infiltrates in the cerebral cortex.
<b>WT 14dpi</b>	Inflammatory foci in the parenchyma; presence of granulomas in the exudative phase.	Macrophages with brownish pigment in the cytosol; presence of granuloma in the exudative phase.	Hemorrhagic foci in the cerebrum.
<b>ST2<sup>-/-</sup> 14dpi</b>	Inflammatory foci in the parenchyma with few eosinophils and lymphocytes; presence of few granulomas in the exudative phase.	Macrophages with brownish pigment in the cytosol; diffuse inflammatory infiltrate with little presence of neutrophils and eosinophils.	Hemorrhagic foci in the cerebrum.
<b>WT 63dpi</b>	Inflammatory foci in the hepatic and perivascular parenchyma; vascular congestion; presence of granulomas in the exudative and productive phase.	Thickening of the interalveolar septa; diffuse inflammatory infiltrate with formation of BALT; small hemorrhagic foci; capillary congestion; presence of granulomas in the production phase.	Focal areas with “gitter cells” in the white matter of the cerebellar folia; vacuolization areas and gliosis foci; reactive blood vessels in the cerebellum and cerebrum; presence of larvae and hemorrhagic foci in the cerebrum and hippocampus; perivascular accumulation of hemosiderophages in the brain.
<b>ST2<sup>-/-</sup> 63dpi</b>	Inflammatory foci in the hepatic and perivascular parenchyma with few eosinophils; vascular congestion; presence of few granulomas in the exudative and productive phase.	Thickening of the interalveolar septa; diffuse inflammatory infiltrate with formation of BALT; small hemorrhagic foci; capillary congestion; presence of few granulomas.	Focal areas with “gitter cells” in the white matter of the cerebellar folia; vacuolization areas and gliosis foci; reactive blood vessels in the cerebellum and cerebrum; few hemorrhagic foci; perivascular accumulation of hemosiderophages in the brain.