

## Supplemental Table 1

**Supplemental Table 1: Histological findings and severity scores from Col1a2;MMP-1 mouse**

Organ	Histological Finding	Severity Score <sup>a</sup>
liver	none	0
kidneys	Infiltration, mononuclear, interstitial, multifocal	1
spleen	none	0
pancreas	none	0
gland (ectopic thyroid) (salivary)	Inflammation, neutrophilic and macrophagic	3
peribronchial glands	Degeneration, epithelial	1
thymus	not present on slide	na
lung	Inflammation, bronchial and interstitial, macrophagic and neutrophilic, multifocal	2
stomach	none	0
small intestine	none	0
cecum	none	0
colon	none	0
pancreas and pancreatic duct	none	0
testes	none	0
epididymis	none	0
prostate	none	0
seminal vesicles	none	0
brain	none	0
heart	none	0
urinary bladder	none	0

a. Severity scoring: 0: lesion not present; 1: mild, 2: moderate, 3: severe

na: not applicable (tissue not present)

The above organs were dissected from Col1a2;MMP-1 mice, embedded in paraffin, sectioned, stained by H&E, and examined for pathological changes.