

**Supplementary Table 2.** Details of the five tumor-bearing dogs with clinically relevant renal disease.

<b>Tumor category</b>	<b>Tumor type</b>	<b>Reason for exclusion</b>	<b>Renal histopathology abnormalities</b>
<b>Carcinoma</b>	Mammary (simple)	Moderate renal disease  on histopathology	Chronic renal infarcts.  Interstitial lymphoplasmacytic infiltrate with fibroblasts.
<b>Carcinoma</b>	Squamous cell carcinoma	Severe renal disease  on histopathology	Multifocal moderate chronic plasmacytic – lymphocytic interstitial nephritis  with moderate chronic membranous glomerulopathy and tubular protein casts.
<b>Sarcoma</b>	Soft tissue sarcoma	Moderate renal disease  on histopathology	Chronic renal infarcts.  Cortical interstitial fibrosis.  Tubular atrophy and mild interstitial lymphoplasmacytic infiltrates. Glomeruli sclerotic with thickened basement membrane.
<b>Sarcoma</b>	Extra-skeletal osteosarcoma  (mammary)	Moderate renal disease  on histopathology	Multifocal moderate chronic linear renal infarcts with focal thrombus.
<b>Sarcoma</b>	Extra-skeletal osteosarcoma  (oesophagus)	Moderate renal disease  on histopathology &  renal azotemia	Multifocal to coalescing areas of cortical necrosis & haemorrhage, extending  into the corticomedullary junction.  Surrounding interstitial fibrosis and tubular atrophy.  Thickening of Bowman’s capsule due to fibroplasia.