

**Supplement 1.**

**Table 1.** Overview table with additional information for each dog enrolled in the study (n = 31)

Tumor type	Tumor subtype	Diagnosis based on	Surgery	Mitotic count (/10 HPF)	Margin	Regional enlarged LN	LN removal	Distant metastasis
P1	Apocrine gland anal sac adenocarcinoma	Biopsy (histopathology)	Yes	12	Incomplete			
P2	Squamous cell carcinoma of neck	Biopsy (histopathology)	Yes	5	Incomplete	Yes	Yes	
P3	Squamous cell carcinoma of nasal	FNA (cytology)				Yes		
P4	Squamous cell carcinoma of oral	FNA (cytology)						
P5	Hepatic cell carcinoma	Biopsy (histopathology)	Yes	10	Incomplete	Yes		
P6	Hepatic cell carcinoma	Biopsy (histopathology)	Yes	2	Incomplete			
P7	Mammary carcinoma (MGT grade 1)	Biopsy (histopathology)	Yes	2-3	Complete			
P8	Mammary carcinoma (MGT grade 1)	Biopsy (histopathology)	Yes	8	Incomplete			
P9	Mammary carcinoma (MGT grade 3)	Biopsy (histopathology)	Yes	7	Incomplete	Yes		
P10	Nasal carcinoma susp.	FNA (cytology)				Yes		
P11	Granulosa cell tumor	Biopsy (histopathology)	Yes	5	Complete			Yes
P12	Adrenocortical carcinoma	Biopsy (histopathology)	Yes	0	Complete			
P13	Leiomyosarcoma of jejunum	Biopsy (histopathology)	Yes	50	Incomplete	Yes	Yes	
P14	Leiomyosarcoma of colon	Biopsy (histopathology)	Yes	16	Complete			
P15	Gastrointestinal stromal tumor (GIST) of colon or stomach	Biopsy (histopathology)	Yes	7	Incomplete			
P16	Gastric leiomyosarcoma or GIST susp. of stomach	FNA (cytology)				Yes		Yes
P17	Mammary gland sarcoma (MGT grade 1)	Biopsy (histopathology)	Yes	2	Complete			
P18	Cutaneous melanoma	Biopsy (histopathology)	Yes	16	Complete			
P19	Hemangiosarcoma	Biopsy (histopathology)	Yes	0-4	Incomplete			
P20	Synovial sarcoma	Biopsy (histopathology)	Yes	6	Incomplete	Yes		
P21	Intraperitoneal liposarcoma	Biopsy (histopathology)						
P22	Retroperitoneal mass or salivary gland neoplasm susp.	FNA (cytology)				Yes		
P23	Mast cell tumor of sublingual mass (stage 1)	FNA (cytology)						
P24	Mast cell tumor of hind limb mass (stage 1)	FNA (cytology)						
P25	Mast cell tumor of axillary mass (stage 2)	Biopsy (histopathology)	Yes	0	Incomplete	Yes		
P26	Mast cell tumor (stage 2)	FNA (cytology)				Yes	Yes	
P27	Mast cell tumor of inguinal mass (stage 3)	Biopsy (histopathology)	Yes			Yes		
P28	Mast cell tumor (stage 3)	FNA (cytology)						
P29	Mast cell tumor (stage 3)	Biopsy (histopathology)	Yes	19	Incomplete	Yes		
P30	Mast cell tumor (stage 3)	FNA (cytology)						
P31	Mast cell tumor of scapular mass (stage 4)	FNA (cytology)				Yes	Yes	Yes

HPF, high power field; LN, lymph node.