Table S1. HER2<sup>a)</sup> scoring methods proposed by ASCO/CAP<sup>b)</sup>

Score	Description
3+	Circumferential membrane staining that is complete, intense,
	and
	in >10% of tumor cells
2+	Circumferential membrane staining that is incomplete and/or
	weak/moderate and in >10% of tumor cells
	or
	Complete and circumferential membrane staining that is
	intense and
	in <10% of tumor cells
1+	Incomplete membrane staining that is faint/barely perceptible
	and
	in >10% of tumor cells
0	No staining is observed
	or
	Membrane staining that is incomplete and is faint/barely
	perceptible and
	in <10% of tumor cells.

- a) HER2: Human epidermal growth factor receptor 2
- b) ASCO/CAP: American Society of Clinical Oncology/College of American Pathologists

Fig. S1. Human epidermal growth factor receptor 2 (HER2) scoring of canine anal sac gland carcinoma (ASGC) based on American Society of Clinical Oncology/College of American Pathologists. (A, B, C) Representative images of the staining pattern of HER2 in canine ASGC. Scale bar,  $100 \, \mu m$ . (D, E, F) Higher magnification of the representative images. Scale bar,  $50 \mu m$ .

Fig. S1.

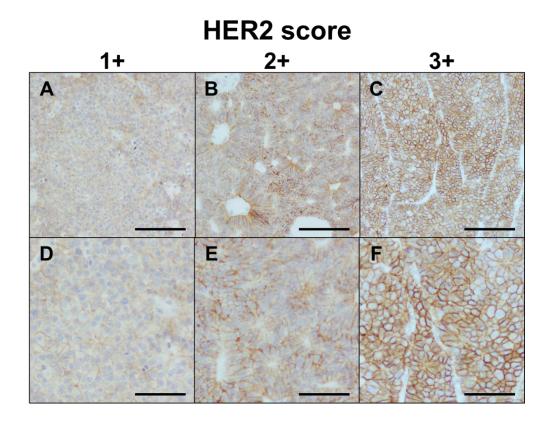
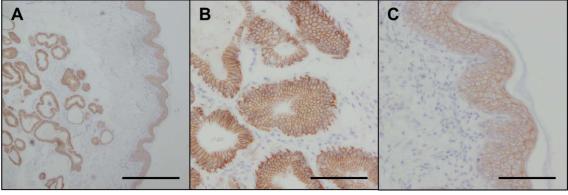


Fig. S2. Human epidermal growth factor receptor 2 (HER2) expression in canine normal anal tissues. (A) Representative images of the staining pattern of HER2 in canine normal anal sac tissues. Scale bar, 200  $\mu$ m. (B, C) Higher magnification of the apocrine glands (B) and squamous epithelia (C). Scale bar, 100  $\mu$ m.



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