

Addtional file 1: Figure S1. ER- $\alpha$  expression and localization in canine mammary carcinomas. Immunohistochemistry staining in 5 representative cases of CMC tissues derived from 2 TPC (tubulopapillary carcinoma), 2 CC (complex carcinoma), and 1 CA (anaplastic carcinoma) showing different immunopositivity and localization for ER- $\alpha$ : case #1 and #2 = predominant cytoplasmic staining; case #3 = high nuclear immunoreactivity; case #4 = rare nuclear positivity; case #5 = negative staining.