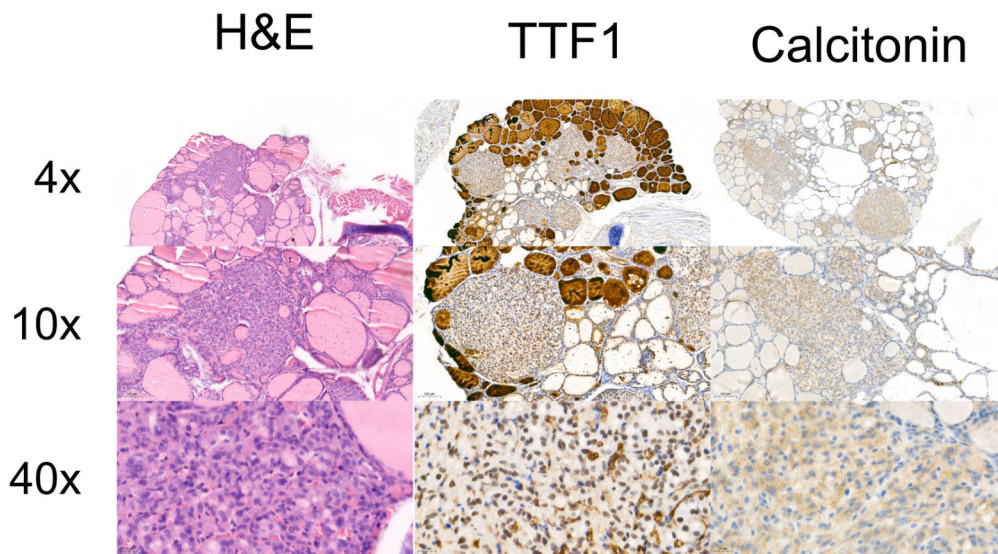




Supplemental Figure 2. Putative medullary thyroid carcinoma found in one 3KO animal at one year of age. Left panels are hematoxylin and eosin staining, middle panel shows positive thyroid-specific transcription factor -1 (TTF -1) staining indicating its thyroid origin and right panel shows moderate calcitonin staining, suggestive of medullary thyroid carcinoma. Paraffin sections were dewaxed and rehydrated using a xylene/ethanol gradient followed by antigen retrieval (95 °C for 20 min in Tris/EDTA buffer, pH 9) using a PTLINK apparatus (DAKO). Staining was performed by an Autostainer device (DAKO)