





Supplemental Figure 1. Immunohistochemistry on paranodular tissue obtained from multinodular goiter patients designated as controls (A; D) and thyroid tissues from HT patients (B,C,E and F). The pictures illustrate representative tissue samples of both conditions. In control thyroids, T4 was expressed in hypofonctionnal (†) and more intensively in active follicles (\*). HNE staining was low in hypofunctionnal and slightly higher in active follicles (\*) (D). In HT thyroids, in non-inflammatory and inflammatory zones, T4 was not detected in altered active-like follicles (\$) (B-C) which highly expressed HNE (E-F). (C-F) Scale bar =  $50\mu m$ . (C1-H2) Scale bar =  $20\mu m$ .