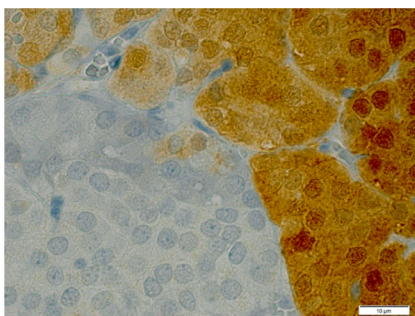
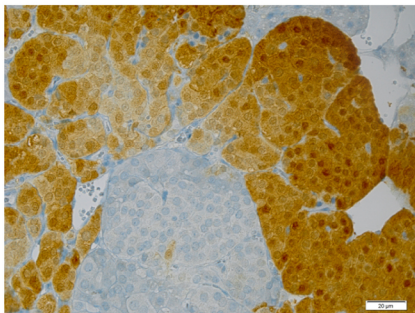


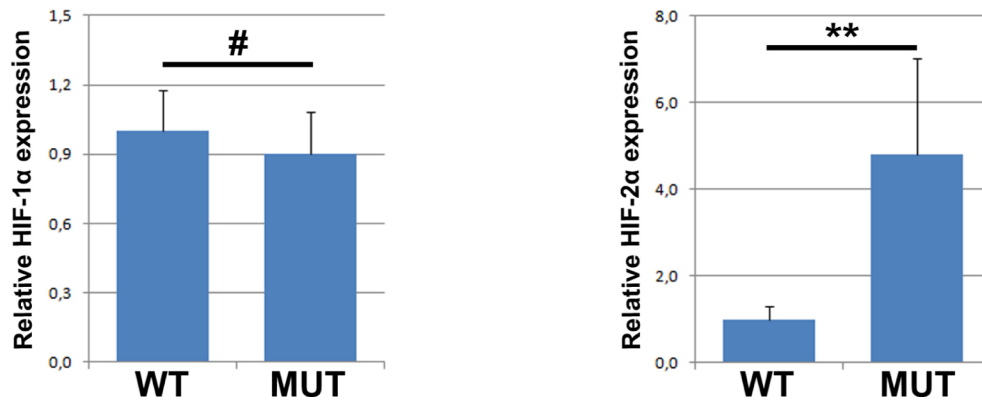
## Supplemental Figure 1:

### PNMT



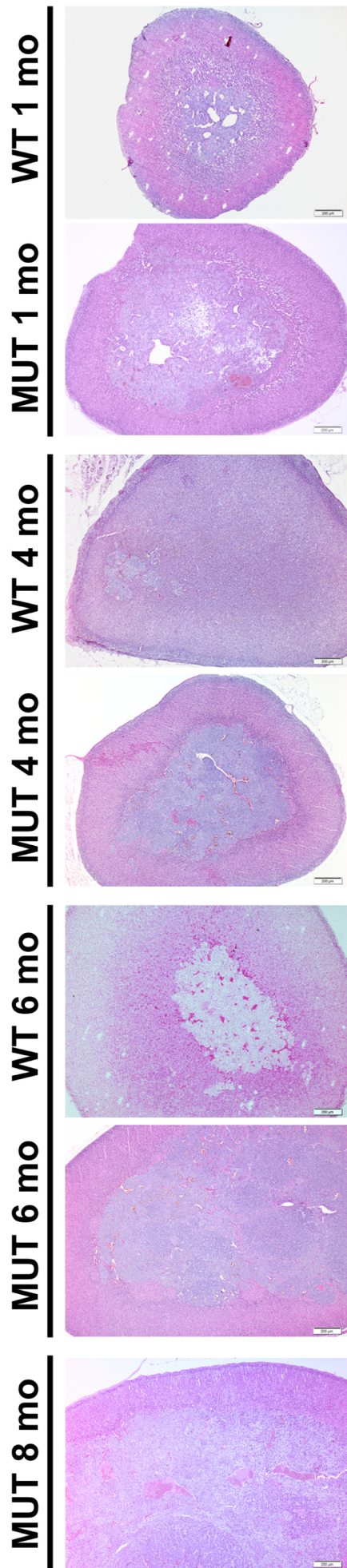
**Suppl. Fig.1:** Expression of PNMT in the adrenal medulla of a mutant rat having tumors. Scale bars: 20  $\mu\text{m}$ ; 10  $\mu\text{m}$ .

## Supplemental Figure 2:



**Suppl. Fig. 2:** Expression of *Hif1α* and *Hif2α* genes in wild-type and mutant rat adrenal tissues. RNA was extracted from macrodissected tissues: adrenal medulla from wild-type rats at the age of 6-7 months (WT; n=2), and PCCs from age-matched mutant rats (MUT; n=6). Realtime TaqMan RT-PCR was performed using primers and probes specific for the *Hif1α* and *Hif2α* genes. Shown is the average of the relative expression values normalized against the  $\beta$ 2-microglobulin housekeeping gene, and calculated with the  $2^{-\Delta\Delta C_t}$  formula. The obtained relative value was normalized against the average expression of the WT samples arbitrarily set to 1. Data were analyzed independently with six replicates each and are expressed as the mean  $\pm$  SEM. #, not significant; \*\*,  $P \leq 0.01$ .

## Supplemental Figure 3:



Suppl. Fig. 3: Hematoxylin and eosin (H&E) staining of the adrenal glands used for PNMT immunohistochemistry and shown in Figure 3. Scale bars: 200  $\mu$ m.