Supplementary Figure 1—Representative photomicrographs of positive controls sections for the immunohistochemical analysis for GFRs, 11ßHSD1, or 11ßHSD2 in SL and neck skin samples from euthanized horses with or without PPID. 

A—As a positive control for GCR localization, nuclei in a section of horse ovary are stained brown. GFR-specific immunohistochemical stain; bar = 800 µm.

B—As a positive control for 11ßHSD1 activity, there is perinuclear staining around hepatocytes in a section of horse liver. 11ßHSD1-specific immunohistochemical stain; bar = 800 µm.

C—As a positive control for 11ßHSD2 activity, there is perinuclear staining in tubular cells in a section of horse kidney. 11ßHSD2-specific immunohistochemical stain; bar = 800 µm.

D—As a positive control for insulin, beta cells in a section of mouse pancreas are stained. Insulin-specific immunohistochemical stain; bar = 800 µm.