Figure 11. Behavior from viral injections in the dorsal subiculum. (A) Smaller litter size from females injected in the dorsal subiculum with AAV-Stat4A. (B and C) No changes in pup retrieval and sucrose preference test. (D) Decreased anxiety in females injected in the dorsal subiculum with AAV-Stat4A. AAV-EGFP, N=10; AAV-Stat4A, N=8. *P < 0.05 AAV-EGFP vs. AAV-Stat4A. Data presented as mean ±SEM.
Figure 12. Urinary concentration progesterone and corticosterone in Stat4A mothers during the peripartum period and day 1, 2, and 6 after delivery. Stat4A mutant females at gestation day 16 have increase progesterone levels. WT, N=3; Stat4A, N=2. *P < 0.05 WT vs. Stat4A. P4, progesterone; CORT, corticosterone.