Supplementary 1- Additional experiments in Controls, Pit-D2KO and Astro-D2KO animals. A-C, D3 activity in the cortex, hypothalamus and hippocampus of control and Pit-D2KO mice (n=5). D-F, D3 activity in the cortex, hypothalamus and hippocampus of control and Astro-D2KO mice (n=6). G-H, Serum FSH and LH levels of control and Pit-D2KO mice (n=8). I-J, Relative testicles and ovarian weight (mg/mg body weight) in Pit-D2KO mice (n=8-10). K, percent of T4 response and L, percent of T3 response after 30 min of TRH injection in Pit-D2KO and control mice [%response= serum level after stimulation X 100/serum level before stimulation] (n=4). M, Placenta D2 activity of control and Pit-D2KO mice (n=6-7). Results are expressed as mean ± SEM.