Supplemental Figure 1

Animal numbers for immunohistochemistry

Age/Sex	P1*	P4	P7	P14	P35	Adult
M	5	5	3	5	4	5
F	4	4	4	5	5	5
Total	9	9	7	10	9	10

Animal numbers for TRAPseq

Age/Sex	P1*	P4	P7	P14	P35	Adult
M	5	4	2	5	4	5
F	4	4	6	5	3	4
Total	9	8	8	10	7	9

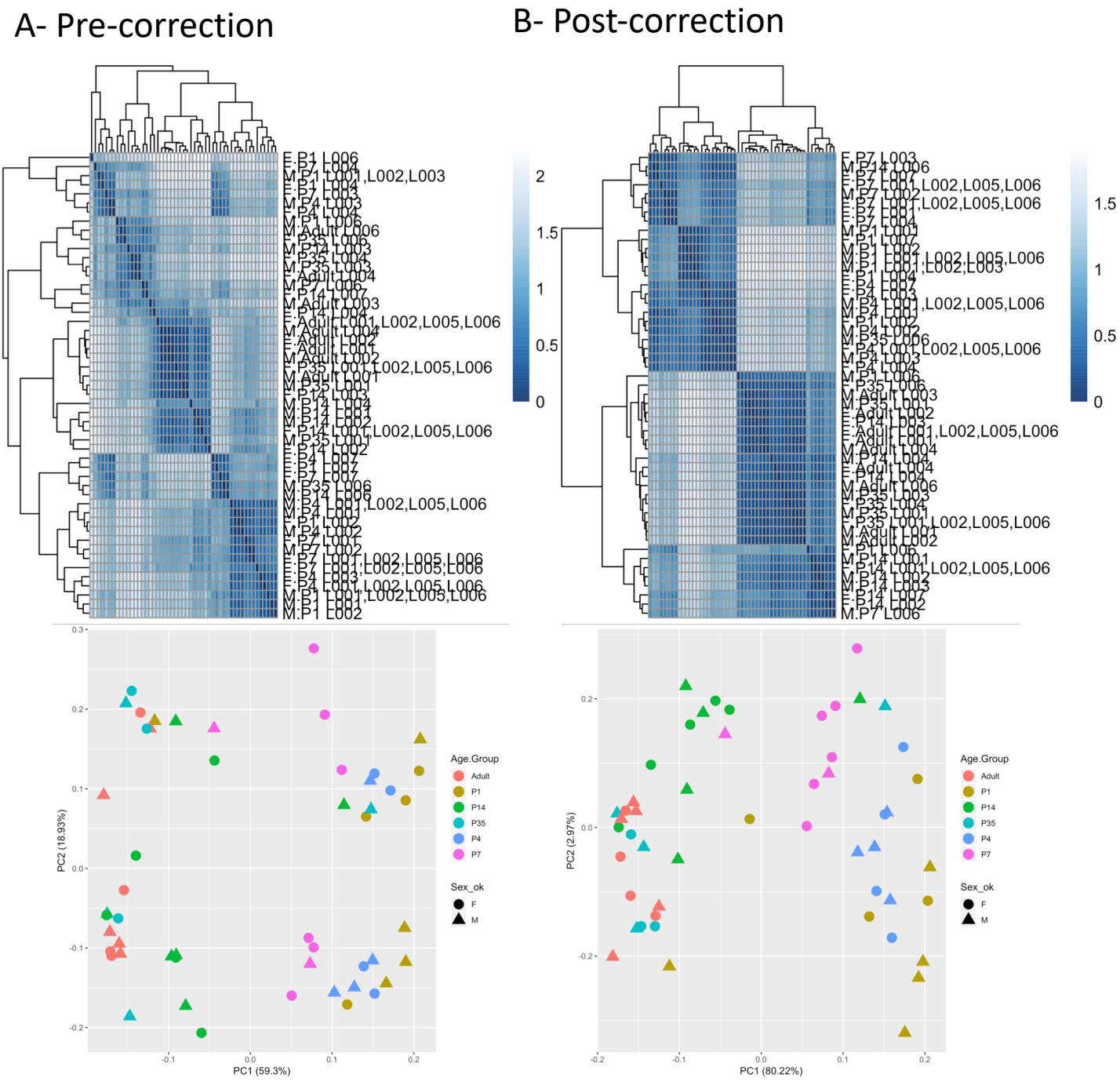
Animal numbers for organizational hormones study

Sex/Group	Vehicle	Estradiol/Letrozole
Male	7	7
Female	8	9

Antibodies used for immunohistochemistry

Antibody	Supplier	Species	Dilution
anti-GFP	Abcam (ab19370)	Chicken	1:1000
anti-GFAP	Abcam (ab134436)	Chicken	1:500
anti-GFAP	Abcam (ab10062)	Mouse	1:1000
anti-GFAP	Sigma (AB5804)	Rabbit	1:500
anti-GS	Abcam (ab73593)	Mouse	1:500
anti-Ki67	Invitrogen (PA1-21520)	Rabbit	1:500
anti-Vimentin	Invitrogen (PA5-27231)	Rabbit	1:500
Donkey anti-chicken	Alexafluor 488		1:1000
Donkey anti-mouse	Alexafluor 488		1:1000
Donkey anti-rabbit	Alexafluor 546		1:500
Donkey anti-mouse	Alexafluor 546		1:500

Supplemental Figure 2



Top- Hierarchical clustering (using the genes with a sd in expression level above the 95%) pre- and post sva correction show the sample-to-sample relationship and relative clustering

Bottom- Principal component analysis plots. Represented are the sample distribution along the first principal component (PC1) and then second principal component (PC2). Shows in brackets os the percentage of the variance captured by PC1 and PC2. Circles: female samples; squares: male samples. Symbols are color coded by age.