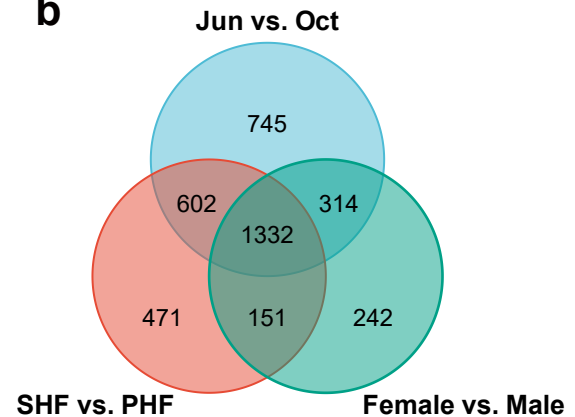


a

Comparison	total	up	down	union
Jun vs. Oct	2993	1333	1968	3857
SHF vs. PHF	2556	1364	1400	
Female vs. Male	2039	1176	1149	

b**c**

Jun vs. Oct		SHF vs. PHF		Female vs. Male	
Gene Name	Adjusted <i>p</i> -value	Gene Name	Adjusted <i>p</i> -value	Gene Name	Adjusted <i>p</i> -value
F3	1.13E-302	LOX	7.18E-304	HSPA6	2.23E-300
LOC102184087	3.19E-297	RSPO2	2.96E-300	NFKBIA	6.36E-297
TNFRSF21	8.67E-297	LUM	1.66E-296	LOC102176495	5.58E-296
FZD1	1.89E-294	MYLK	1.87E-295	LRRC15	7.20E-291
ENPP4	2.66E-294	UCHL1	4.23E-290	RSPO2	3.84E-290
SORBS2	6.02E-294	THBD	1.12E-288	TNFRSF21	2.73E-286
PAPPA	6.79E-293	IGFBP7	6.75E-287	AQP1	4.40E-286
CCDC3	8.71E-293	NFKBIZ	1.46E-286	SEMA5A	1.27E-284
LCTL	1.12E-291	PRELP	2.04E-285	SLC6A6	1.23E-283
PMP22	4.06E-285	ID4	2.04E-283	SPARCL1	1.23E-283
CDH6	4.97E-284	COL3A1	4.63E-280	BST1	8.63E-281
AQP1	7.13E-283	EMP1	3.21E-276	LOC108637952	6.47E-276
LOC108638589	1.05E-282	FOS	4.80E-275	SLIT3	1.16E-274
LAMA2	1.39E-280	CNNM1	6.30E-273	ID4	2.16E-266
EPB41L3	3.61E-280	BST1	3.26E-272	APOD	2.54E-260
ECM2	3.61E-280	TOP2A	1.80E-269	LRRC15	3.37E-260
ENPP5	1.88E-277	ADM	3.18E-268	CTSK	3.03E-258
C1QTNF3	1.39E-276	CFH	8.27E-265	MTOR	4.95E-258
KANK1	9.73E-276	CDO1	3.82E-264	LOC108634621	5.88E-251
ANKRD1	9.40E-273	C3	7.21E-264	LOC108634619	9.24E-249

Fig. S1 Overview of differentially expressed genes (DEGs) identified in the three pairwise comparisons. **(a)** Numbers of unique DEGs identified in each pairwise comparison. Up and down indicate genes upregulated or downregulated, respectively, in the second group relative to the first group. **(b)** Venn diagram showing the overlap of DEGs among the three pairwise comparisons. **(c)** Top 20 DEGs ranked by adjusted *p*-value for each comparison.