

Supplementary Table SV Pathways enriched with differentially expressed genes (DEGs) from FSH18/21 versus FSH24.

Category	Description	FDR value	Term name
GO component	Terminal bouton	0.0016	GO.0043195
	Transcription factor AP-1 complex	0.0074	GO.0035976
GO function	DNA-binding transcription factor activity	2.55E-05	GO.0003700
	DNA-binding transcription factor activity, RNA polymerase II-specific	5.53E-05	GO.0000981
	Sequence-specific DNA binding	1.30E-04	GO.0043565
	Carboxylic acid binding	2.70E-04	GO.0031406
	RNA polymerase II proximal promoter sequence-specific DNA binding	3.70E-04	GO.0000978
	RNA polymerase II regulatory region sequence-specific DNA binding	4.50E-04	GO.0000977
	DNA-binding transcription activator activity, RNA polymerase II-specific	6.80E-04	GO.0001228
	Galactoside 2-alpha-L-fucosyltransferase activity	7.50E-04	GO.0008107
GO process	Transcription, DNA-templated	0.0205	GO.0006351
	Response to external stimulus	0.0205	GO.0009605
	Response to endogenous stimulus	0.0205	GO.0009719
	Response to hormone	0.0205	GO.0009725
	Positive regulation of cellular biosynthetic process	0.0205	GO.0031328
	Response to cAMP	0.0221	GO.0051591

GO, gene ontology.