

# Milk transcriptome analysis to elucidate the impact of prepubertal nutrition in dairy ewes residual feed intake

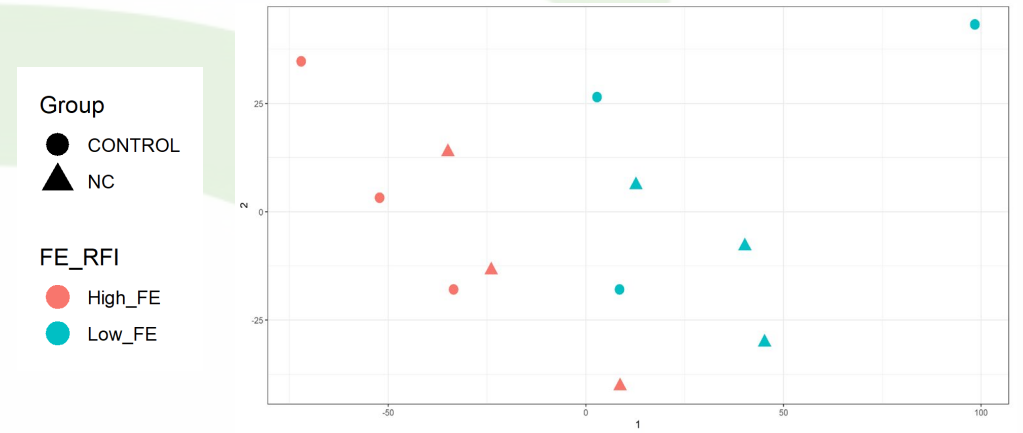
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Transcriptomic effects of a nutritional challenge (NC) during pre-puberty on divergent feed efficient dairy sheep



## High vs. Low Feed Efficiency (FE)



6 Control & 6 NC



## Nutritional Challenge vs. Control

15 DEGs  
Cell adhesion

Branching morphogenesis and the establishment of the mammary gland functional structure at pre-puberty

978 DEGs

High FE:  
Mitochondrial Activity



Low FE: Immunity and Stress Related genes

