

Transcriptome shifts triggered by vitamin A and *SCD* genotype interaction in Duroc pigs

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Figure S1. Effect of *SCD* rs80912566 genotype and diet on four fatty acid saturation indexes. A. *m. longissimus thoracis*. B. *m. semimembranosus*. Diets with (VA+) and without (VA-) vitamin A supplement in the feed formulation. Within each panel, bars not connected with the same letter differ at $P < 0.05$. Errors bars are SE.

Figure S2. Gene network analysis of differentially expressed genes as determined by RNA Seq. The full list of 202 unique HGNC gene name identifiers was analysed using the STRING App of Cytoscape.

Figure S3. Close up look at the two main gene networks detected by the STRING App of Cytoscape. **A.** membrane-bound vesicle-related genes; **B.** Genes involved in fatty acid beta-oxidation in peroxisomes.

Figure S1.

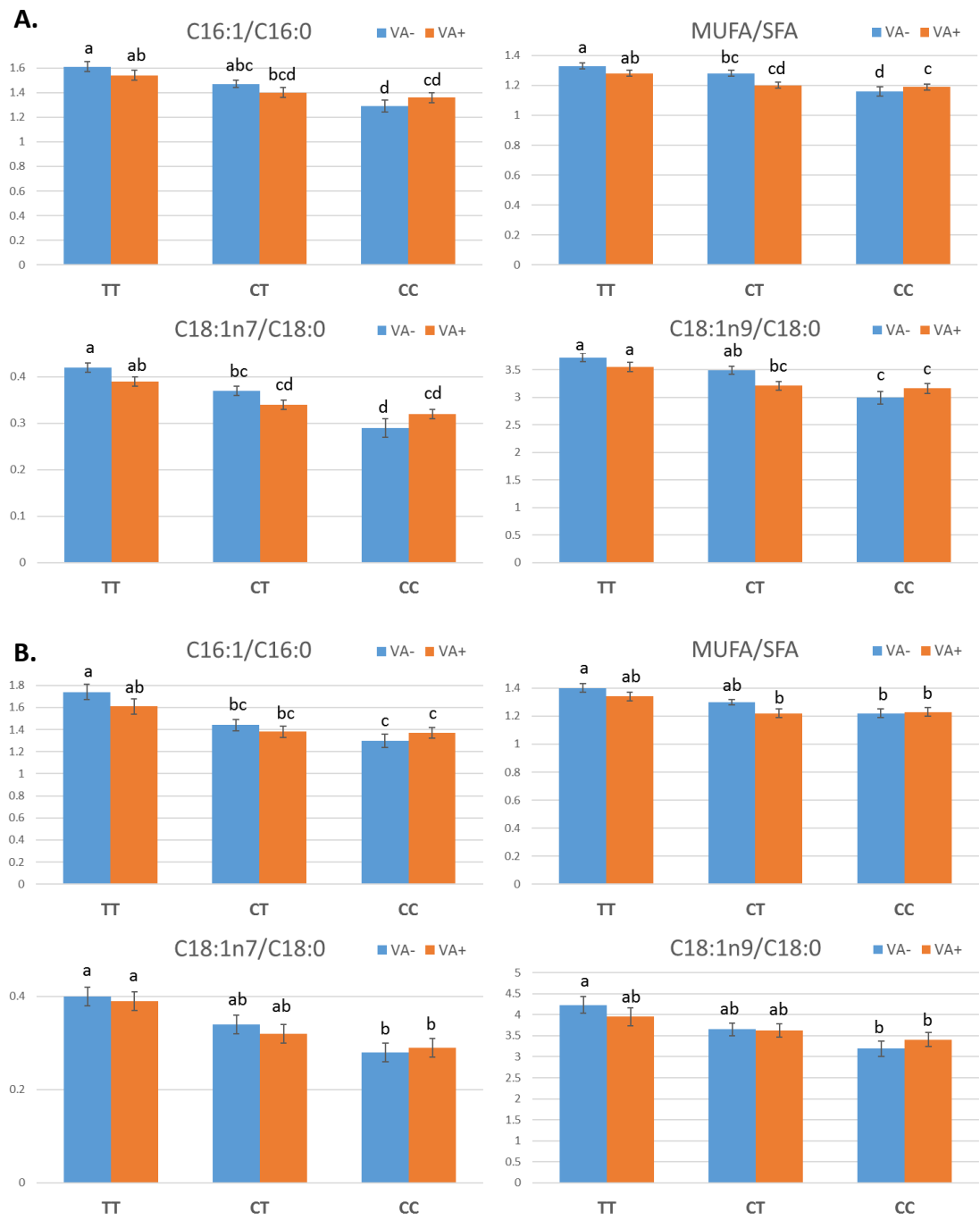


Figure S2.

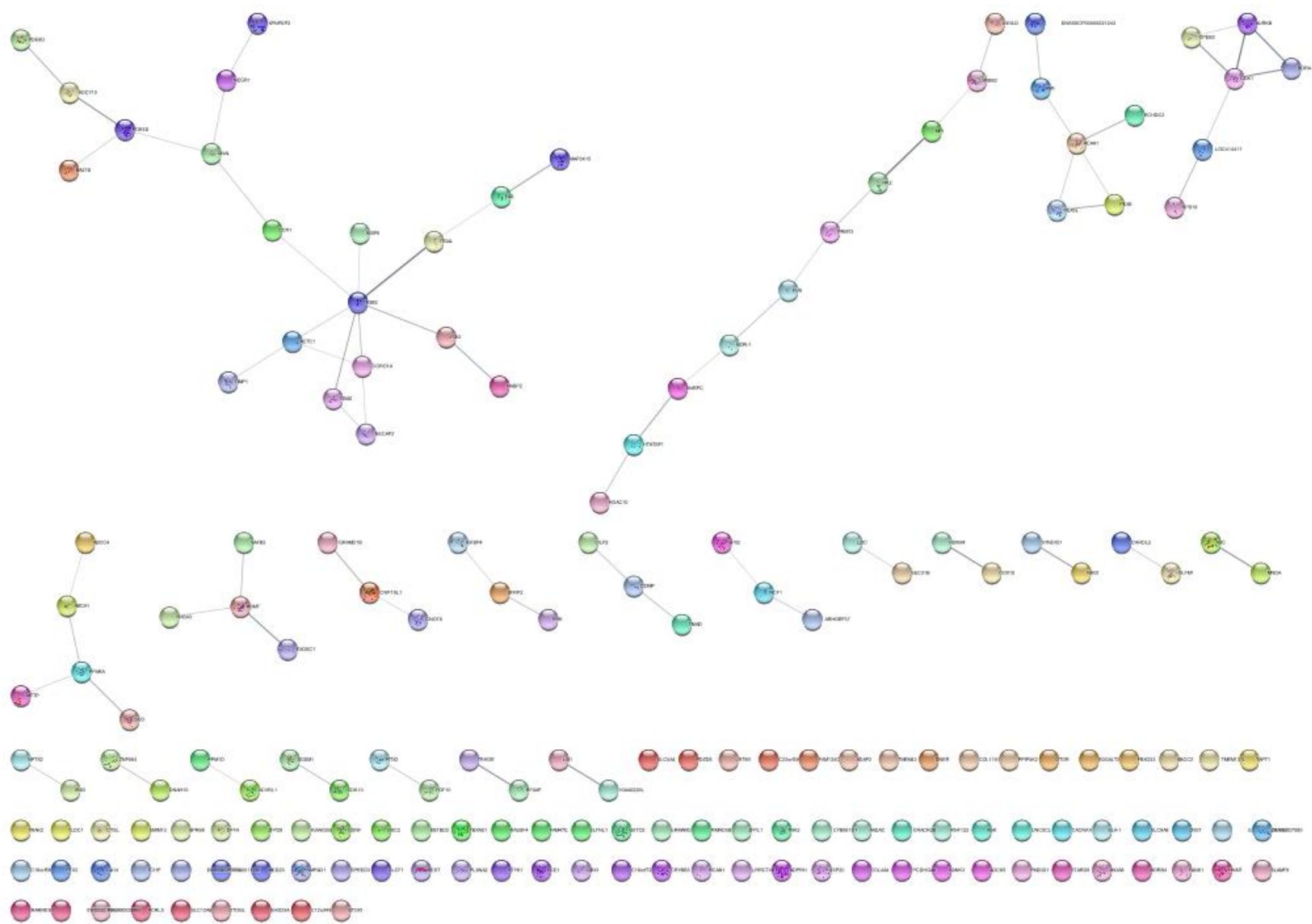
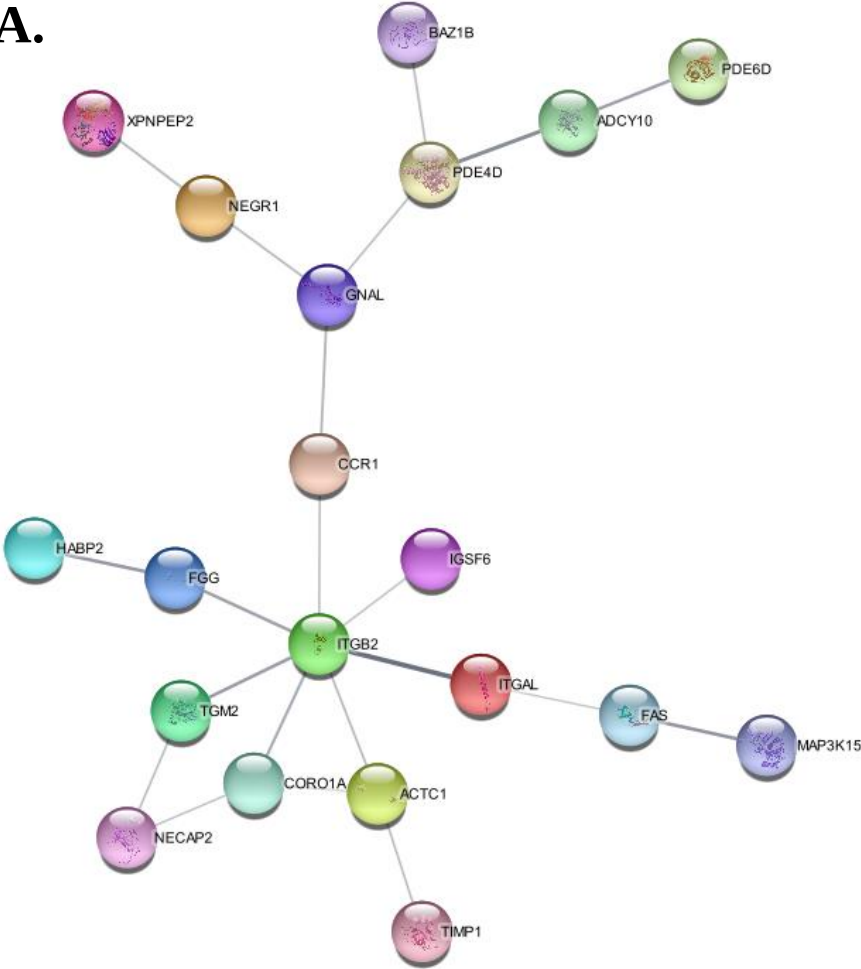


Figure S3.

A.



B.

