

Tannin supplementation in Mangalitsa pigs: effects on muscle transcriptome

Núñez Y¹, Radović Č², Savić R³, Čandek-Potokar M⁴, Benítez R¹, Radojković D³, Lukić M², Gogić M, Fontanesi L⁵, Óvilo C¹.

¹Departamento de Mejora Genética Animal, INIA, Madrid, Spain

²Institute for Animal Husbandry-Pig Research Department, Autoput for Zagreb 16, 11080 Belgrade-Zemun, Serbia

³University of Belgrade, Faculty of agriculture, Nemanjina 6, 11080 Belgrade-Zemun, Serbia

⁴Kmetijski inštitut Slovenije, Hacquetova ulica 17, SI-1000 Ljubljana, Slovenia

⁵Department of Agricultural and Food Sciences, University of Bologna, Bologna, Italy

nunez.yolanda@inia.es



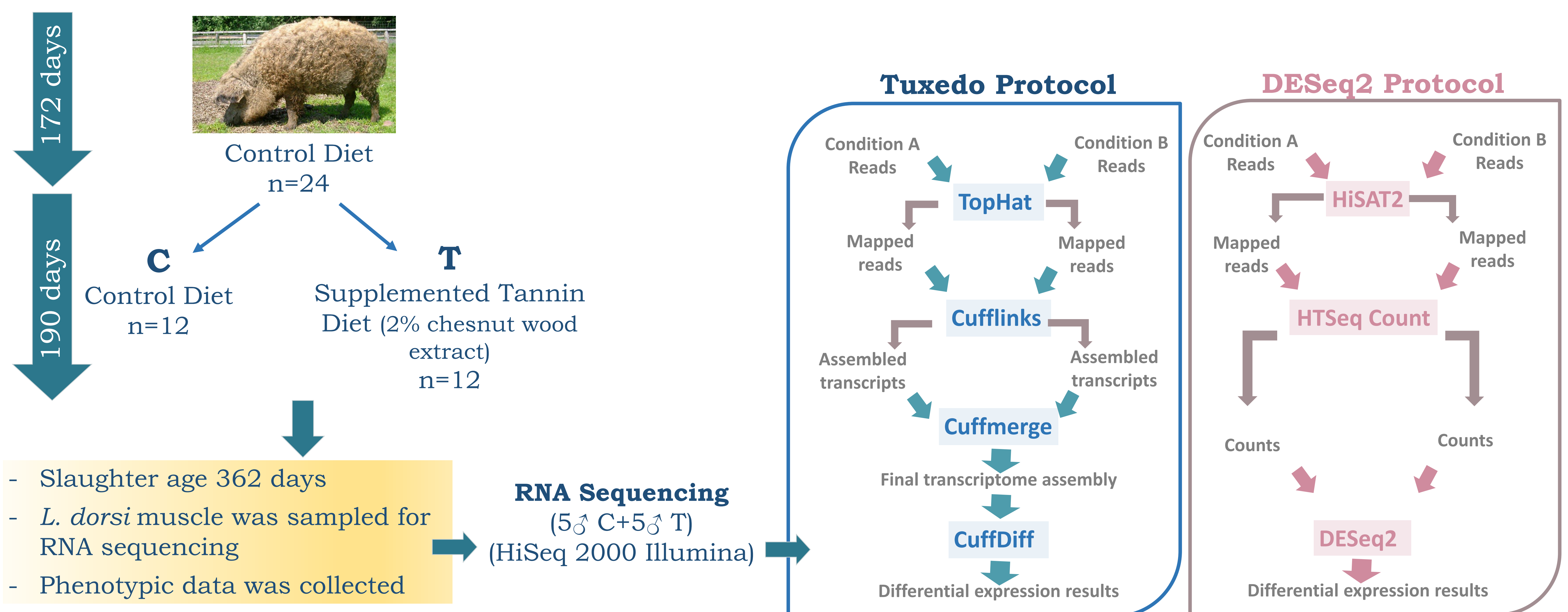
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Introduction and Objectives

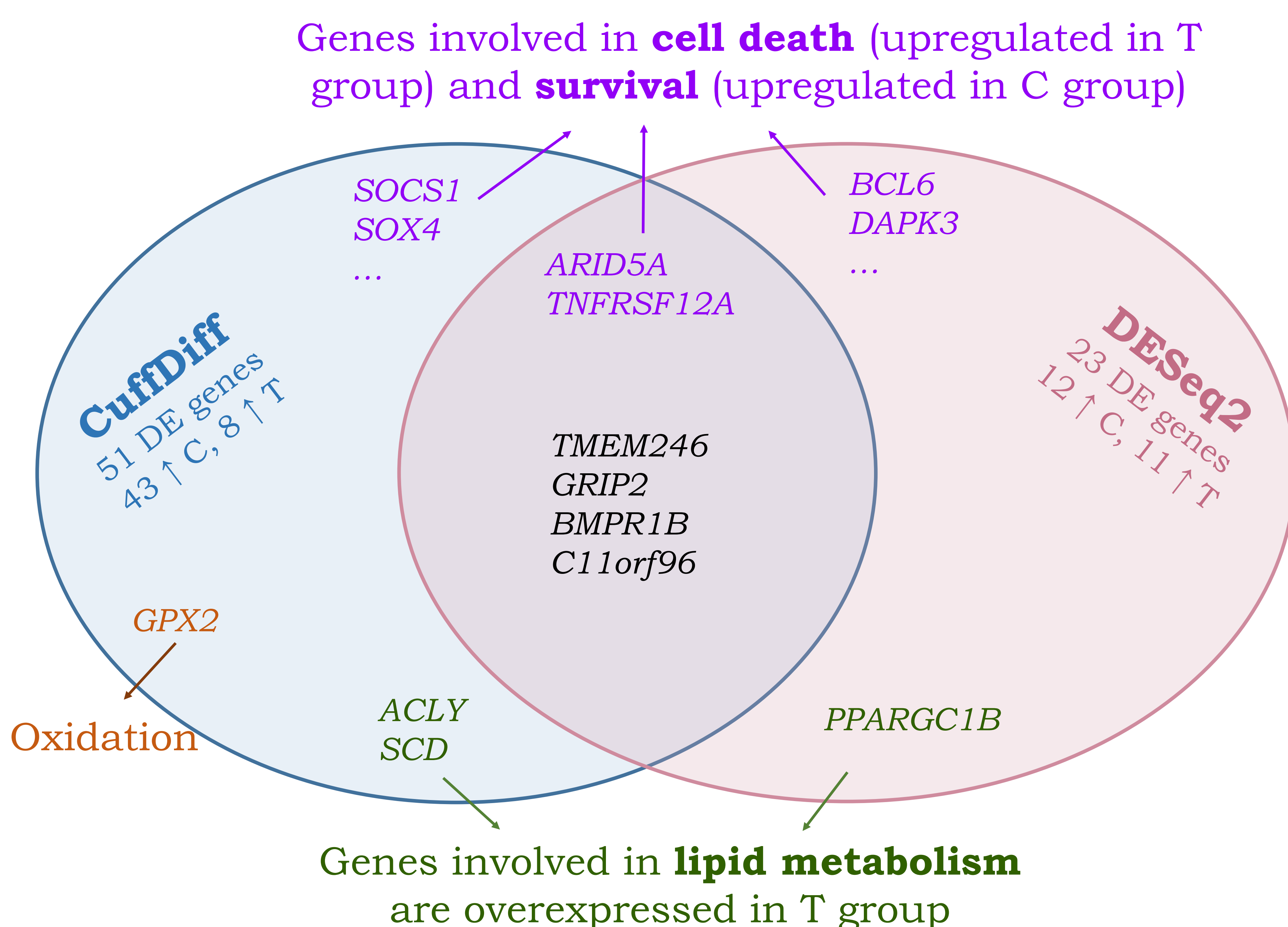
Supplementation of pig diets with tannins has been proposed to improve meat quality and to reduce boar taint.

The aim of the present work was to assess the potential effects of diet tannin supplementation on muscle transcriptome as well as on growth and meat quality parameters.

Material and Methods



Transcriptome results



Conclusions

Phenotypic results agree with transcriptome results. Animals fed T diet were smaller and fatter than animals fed C diet.

Phenotypic results

Animals fed T diet showed lower average daily gain rate ($p=0.03$), higher loin intramuscular fat content ($p=0.04$) and lower cholesterol content ($p=0.03$)