

Genetics, Animal Genetic Resources and Breeding*Original research articles*

- Genomic selection improves genetic gain for fiber traits in a breeding program for alpacas
A. Cruz, J. Sedano, A. Burgos, J.P. Gutiérrez, M. Wurzinger and G. Gutiérrez-Reynoso 105195

- Exploring the statistical nature of independent chromosome segments
M.K. Hollifield, M. Bermann, D. Lourenco and I. Misztal 105207

Ruminant Nutrition*Original research articles*

- Milking performance and plant specialized metabolites in the milk of goats fed silage from willow (*Salix acmophylla*) irrigated with saline water
S.Y. Landau, T.A. Glasser, M. Zachut, J.D. Klein, T. Deutch-Traubman, H. Voet, G. Kra and R. Davidovich-Rikanati 105205

- Oregano extract fed to pre-weaned dairy calves. Part 2: Effect on ruminal and intestinal morphology of pre-weaned calves
L.A. Ritt, E.C. Modesto, J.A. Guimarães, G. Heisler, A.T.D. Oliveira and V. Fischer 105194

- Evaluating performance of beef cattle consuming a supplemental probiotic-prebiotic during the first 21 or 42 days after feedlot arrival
M.N. Homolka, W.N. Smith, T.C. Husz, D.M. Paulus-Compart and J.S. Jennings 105096

- Effects of endophyte-infected tall fescue on performance of genotyped pregnant beef cows supplemented with rumen-protected niacin
A. GF, M. RB, P. WJ, R. SP and M. SJ 105206

Non-Ruminant Nutrition*Original research articles*

- Effects of probiotics on blood metabolites, enterocytes, growth, and carcass characteristics of broilers challenged with *Salmonella* Serovar Heidelberg
E.H. Cirilo, N.R. Junior, T.S. Andrade, C. Souza, C. Kaufmann, T.L. Kohler, L.I. Datsch, B.S. Vieira, J.G.V. Junior, P.L.O. Carvalho, C. Eyng and R.V. Nunes 105188

- Influence of *Lonicera japonica* and *Radix Puerariae* crude extracts on the growth performance, antioxidant capacity, and immunological functions of finishing pigs
Z. Liu, J. Yan, N. Li, Z. Zheng, C. Zhang, Z. Liu, C. Song and S. Mu 105192

- A systematic review and meta-analysis of the effect of phytogetic feed additives on pig performance
N.d.O.T. Camargo, B.S.d.L. Cony, M.K. da Silva, C.H. Franceschi and I. Andretta 105190

- Supplementation of *Bacillus subtilis* DSM 32540 improves performance and intestinal health of weaned pigs fed diets containing different fiber sources
D.T.V. Júnior, G. de Amorim Rodrigues, M.H. Soares, C.B. Silva, E.O. Frank, J.C. Gonzalez-Vega, J.K. Htoo, H.G. Brand, B.A.N. Silva and A. Saraiva 105202

- Microencapsulated sodium butyrate on the intestinal integrity of broilers challenged with *Eimeria* spp.
G.A.d. Lima, B.F.d.S. Barbosa, G. Ventura, I.M. Gonçalves, V.E. Costa, G.d.V. Polycarpo, A.M.B.N. Madeira and V.C. Cruz-Polycarpo 105209

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- Short-term supplementation of zinc nanoparticles in weaned piglets affects zinc bioaccumulation and carcass classification
D. Baholet, S. Skalickova, E. Weisbauerova, A. Batik, I. Kolackova, P. Nevrlka and P. Horky 105191

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- Bigger lambs or more lambs: The conundrum for New Zealand lamb producers
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Comparative assessment of thermoadaptability between Tharparkar and Sahiwal based on biochemical profile and gene expression pattern under heat stress

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Peripheral glycemia and farrowing traits in pigs: An observational study

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