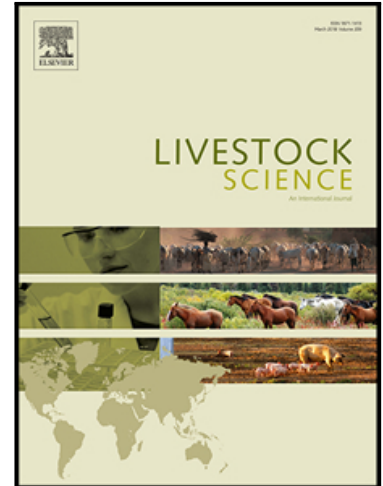


Accepted Manuscript

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PII: S1871-1413(18)30462-1
DOI: <https://doi.org/10.1016/j.livsci.2018.10.004>
Reference: LIVSCI 3548



To appear in: *Livestock Science*

Received date: 11 June 2018
Revised date: 1 October 2018
Accepted date: 4 October 2018

Please cite this article as: W.A. Baldassini , J.J. Ramsey , R.H. Branco , S.F.M. Bonilha , M.R. Chiaratti , A.S. Chaves , D.P.D. Lanna , Estimated heat production, blood parameters and mitochondrial DNA copy number of Nellore bulls (*Bos indicus*) with high and low residual feed intake, *Livestock Science* (2018), doi: <https://doi.org/10.1016/j.livsci.2018.10.004>

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Estimated heat production, blood parameters and mitochondrial DNA copy number of Nellore bulls (*Bos indicus*) with high and low residual feed intake

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Abstract

Our hypothesis was that heat production, blood parameters, and mitochondrial DNA (mtDNA) copy number differed among Nellore bulls with high and low residual feed intake (RFI). Young Nellore bulls underwent a feed efficiency test after weaning to identify their RFI class by regression of dry matter intake (DMI) in relation to average daily gain (ADG) and mid-test metabolic body weight ($BW^{0.75}$). Calculations of RFI were not corrected with any estimate of body composition. The 9 highest and the 9 lowest RFI bulls were classed as

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