

ERRATUM

Open Access



# Erratum to: 'Genomic structure and marker-derived gene networks for growth and meat quality traits of Brazilian Nelore beef cattle'

Maurício A. Mudadu<sup>1,2\*†</sup>, Laercio R. Porto-Neto<sup>3†</sup>, Fabiana B. Mokry<sup>4†</sup>, Polyana C. Tizioto<sup>4</sup>, Priscila S. N. Oliveira<sup>4</sup>, Rymer R. Tullio<sup>2</sup>, Renata T. Nassu<sup>2</sup>, Simone C. M. Niciura<sup>2</sup>, Patrícia Tholon<sup>2</sup>, Maurício M. Alencar<sup>2</sup>, Roberto H. Higa<sup>1</sup>, Antônio N. Rosa<sup>5</sup>, Gélson L. D. Feijó<sup>5</sup>, André L. J. Ferraz<sup>6</sup>, Luiz O. C. Silva<sup>5</sup>, Sérgio R. Medeiros<sup>5</sup>, Dante P. Lanna<sup>7</sup>, Michele L. Nascimento<sup>7</sup>, Amália S. Chaves<sup>7</sup>, Andrea R. D. L. Souza<sup>8</sup>, Irineu U. Packer<sup>7</sup>, Roberto A. A. Torres Jr.<sup>5</sup>, Fabiane Siqueira<sup>5</sup>, Gerson B. Mourão<sup>7</sup>, Luiz L. Coutinho<sup>7</sup>, Antonio Reverter<sup>3</sup> and Luciana C. A. Regitano<sup>2</sup>

## Erratum

Unfortunately, the original version of this article [1] contained an error. Table 2 values were included incorrectly. The correct values can be found below. These values should also be indicated under the "Data inspection" subsection, first paragraph found under "Gene networks for growth and meat quality traits" section:

"...higher estimates were observed for rib eye area (REA;  $h^2 = 0.473$ ), total carcass weight (TCW;  $h^2 = 0.254$ ) and back fat thickness (BFT;  $h^2 = 0.154$ ). There was a negative correlation between BFT and REA ( $-0.604$ ) and between BFT and TCW ( $-0.632$ ) and a strong positive correlation between TCW and REA ( $0.762$ ) which makes biological sense indicating that the data is consistent."

## Author details

<sup>1</sup>Embrapa Agricultural Informatics, Av. André Tosello, 209, Campinas, SP, Brazil.

<sup>2</sup>Embrapa Southeast Livestock, Rodovia Washington Luiz, Km 234, São Carlos, SP, Brazil. <sup>3</sup>Commonwealth Scientific and Industrial Research, Organization - Agriculture, 306 Carmody Road, Brisbane, QLD, Australia. <sup>4</sup>Department of Genetics and Evolution, Federal University of São Carlos, Rodovia Washington Luiz, Km 235, São Carlos, SP, Brazil. <sup>5</sup>Embrapa Beef Cattle, Av. Rádio Maia, 830, Campo Grande, MS, Brazil. <sup>6</sup>State University of Mato Grosso do Sul, Rodovia Uems-Aquidauana km 12, Aquidauana, MS, Brazil. <sup>7</sup>Department of Animal Science, University of São Paulo, Av. Pádua Dias, Piracicaba, SP 11306, Brazil. <sup>8</sup>Faculdade de Medicina Veterinária e Zootecnia, Federal University of Mato Grosso do Sul, Av. Senador Filinto Müller, Campo Grande, MS 2443, Brazil.

<sup>1</sup>Embrapa Agricultural Informatics, Av. André Tosello, 209, Campinas, SP, Brazil.  
<sup>2</sup>Embrapa Southeast Livestock, Rodovia Washington Luiz, Km 234, São Carlos, SP, Brazil.

\* Correspondence: mauricio.mudadu@embrapa.br

†Equal contributors

‡Deceased

<sup>1</sup>Embrapa Agricultural Informatics, Av. André Tosello, 209, Campinas, SP, Brazil

<sup>2</sup>Embrapa Southeast Livestock, Rodovia Washington Luiz, Km 234, São Carlos, SP, Brazil

Received: 20 June 2016 Accepted: 27 June 2016

Published online: 13 July 2016

## References

1. Mudadu MA, Porto-Neto LR, Mokry FB, Tizioto PC, Oliveira PS, Tullio RR, Nassu RT, Niciura SC, Tholon P, Alencar MM, Higa RH, Rosa AN, Feijó GL, Ferraz AL, Silva LO, Medeiros SR, Lanna DP, Nascimento ML, Chaves AS, Souza AR, Packer IU, Torres RA Jr, Siqueira F, Mourão GB, Coutinho LL, Reverter A, Regitano LC. Genomic structure and marker-derived gene networks for growth and meat quality traits of Brazilian Nelore beef cattle. *BMC Genomics*. 2016;17(1):235. doi:10.1186/s12864-016-2535-3.

Submit your next manuscript to BioMed Central and we will help you at every step:

- We accept pre-submission inquiries
- Our selector tool helps you to find the most relevant journal
- We provide round the clock customer support
- Convenient online submission
- Thorough peer review
- Inclusion in PubMed and all major indexing services
- Maximum visibility for your research

Submit your manuscript at  
[www.biomedcentral.com/submit](http://www.biomedcentral.com/submit)



**Table 2** Trait data and GWAS results information

Trait	n	min	max	avr	SD	h <sup>2</sup>	p ≤ 10 <sup>-3</sup>	p ≤ 10 <sup>-4</sup>	p ≤ 10 <sup>-5</sup>
TCW	671	182.5	346.8	250.26	27.88	<b>0.254</b> <b>(0.042)</b>	1246 (17.97)	219 (10.26)	32 (7.03)
DRE	671	42.6	86.5	56.22	3.63	<b>0.096</b> <b>(0.031)</b>	680 (33.02)	100 (22.49)	20 (11.25)
REA	669	39.24	84.43	60.45	7.26	<b>0.473</b> <b>(0.049)</b>	826 (27.16)	157 (14.32)	31 (7.26)
BFT	669	0.07	20	6.16	2.25	<b>0.154</b> <b>(0.041)</b>	1723 (12.97)	305 (7.37)	56 (4.02)
LM	671	33.5	49.43	40.09	3.18	<b>0.045</b> <b>(0.030)</b>	957 (23.43)	218 (10.31)	64 (3.51)
LF	<b>671</b>	<b>16.54</b>	<b>84.36</b>	<b>75.65</b>	<b>4.45</b>	<b>0.049</b> <b>(0.021)</b>	1388 (16.12)	340 (6.61)	96 (2.34)
PH	<b>666</b>	<b>5.00</b>	<b>6.9</b>	<b>5.54</b>	<b>0.21</b>	<b>0.026</b> <b>(0.022)</b>	928 (24.17)	215 (10.45)	56 (4.02)
CLO	<b>667</b>	<b>14.42</b>	<b>66.90</b>	<b>28.71</b>	<b>5.21</b>	<b>0.099</b> <b>(0.041)</b>	939 (23.88)	138 (16.29)	22 (10.22)