Nature Genetics volume 51, 1224–1235 (2019) | https | doi:10.1038/s41588-019-4475-8 | PMC 6673788 | NIHMS 1538 | 1 Jul 2019 | Genome Biology | Genome-wide association study identifies 30 loci associated with adaptive phenotypes in cattle with implications for dairy and beef production | Wilson G. Toro-Ospina, Andrés F. Suárez-Vega, Juan E. Garcia-Ruiz, Ana I. Vazquez, Daniel Gianola, Gustavo A. Suárez, Rafael Nogal-Ruiz, Oscar Cristobal-Carro, Jordan E. Alex-Sanchez, Rafael Ruiz-Ramos, Alejandro Ruiz-Ramos, Miguel Angel Fernandez-Sanchez, Jesús Fernandez, Gustavo Ariel Schierenbeck, Miguel Angel Serrano-Pérez, Juan Manuel Rodriguez-Granados, Ricardo Pelayo, Juan Pablo Sanchez, Ignacio Ruiz-Carrascal, Alejandro Rojas de Oliveira, Luis Alberto Lima, Ana Paula Ribeiro, Rafael Espigolan, Fernanda Bresolin, Gerardo Fernando Tonhati, Marcos Vinicius Gualda Barbosa, Luciana Correia de Almeida Regitano, Mariana Piles, Ana Fernandez, Marcos Jaime Delgado Bermudez, Jesus Alberto Delgado, Juan Vicente Delgado, Rafael Navas, Francisco Ruiz, Carlos Manuel Martinez, Marcos Perez, Juan Carlos Gomez, Jesus Carrillo, Alejandro Rincon, Rafael Hidalgo, Fernando Sevillano, Ignacio Aguilar, Alejandro Maiz, Carlos Sanchez, Alejandro Martinez, Antonio Reverter, Paulo Eduardo de Oliveira

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