

Population-genetic properties of differentiated copy number variations in cattle

Linyang Xu^{1,2,5}, Yali Hou^{3,5}, Derek M. Bickhart¹, Yang Zhou^{1,4}, El Hamidi abdel Hay¹, Jiuzhou Song², Tad S. Sonstegard^{1,*}, Curtis P. Van Tassell¹ and George E. Liu^{1,†}

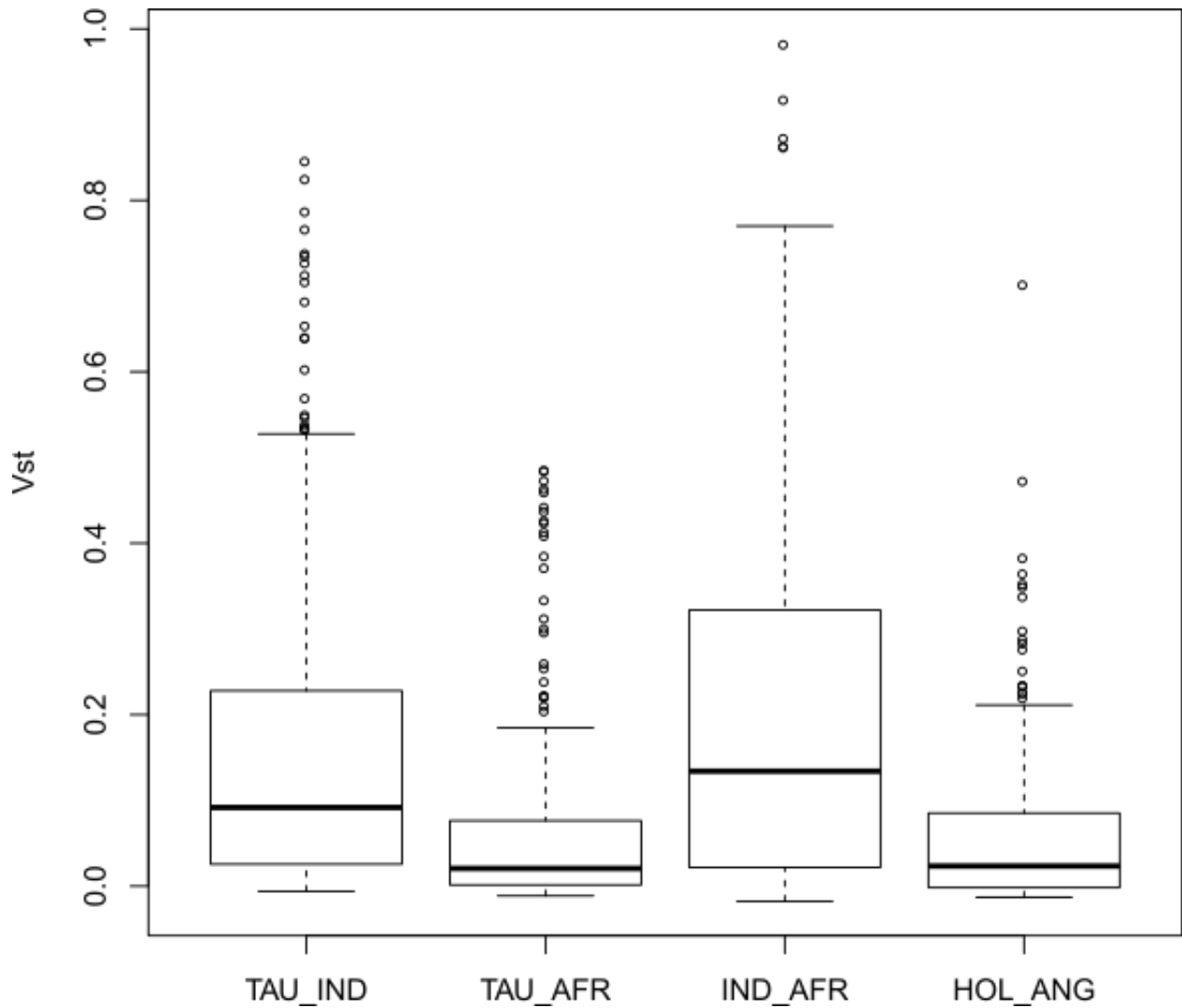
Table S1. Subspecies, breeds, numbers of animals used in this study.

Breed or species	Acronym	Count	Subspecies	Usage	Feature
<i>Taurine</i>					
Angus	ANG	47	<i>Bos taurus</i>	Beef	Founded by Angus doddies and Buchan humlies, Aberdeen Angus breed x English longhorns
Brown Swiss	BSW	24	<i>Bos taurus</i>	Dairy	Improved by Austrian Pinzgaur breed
Hereford	HFD	37	<i>Bos taurus</i>	Beef	Line One
Holstein	HOL	67	<i>Bos taurus</i>	Dairy	Holstein is used to describe North American stock while Friesian denotes animals (dual purposes) of a traditional European ancestry
<i>Indicine</i>					
Brahman	BRM	49	<i>Bos indicus</i>	Beef	Guzerat, Kankrej, Gir and Nelore are the founders. Krishna Valley strain contributed less.
Nelore	NEL	34	<i>Bos indicus</i>	Beef	The Indian Ongole breed contributed most to the creation of the Nelore
<i>African Breeds</i>					
N'Dama	NDA	24	<i>Bos taurus</i>	Multipurpose	African taurine, heat resistance
Sheko	SHK	18	Composite	Multipurpose	Ancient Taurine×Indicine hybrid
Total		300			

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Figure S1. Box-and-whisker plots of V_{ST} values in four pairwise comparisons.



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Figure S2. Violin plots of Log R ratios in eight cattle breeds.

