

44 **Supplementary Table 6.** The list of logistic regression models run on VRTN loci and the phenotypic
45 data to check the association associated with the extra vertebrate characteristics from Bayantsagaan sheep
46 in Mongolia.

Models	Degrees of freedom (df)	AIC
Extra vertebrae ~ VRTN1716	2	190.55
Extra vertebrae ~ VRTN 1716 + Body Length	3	181.68
Extra vertebrae ~ VRTN 1716 + Body Length + Body Weight	4	180.43

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