

48 **Supplementary Table 7.** Summary logistic regression results from the top model (Extra Vertebrae ~ VR
 49 TN1716 + Body Length + Body Weight) on the VRTN loci and phenotypic variables as additive variables
 50 for the association with the extra vertebrae characteristics from Bayantsagaan sheep in Mongolia. The re
 51 sults are calculated using the R package, “gtsummary” (Sjoberg et al., 2021).

Characteristic	Odds Ratio	95% Confidence Interval	p-value
VRTN1716			
CC	-	-	
CT	0.24	0.08 – 0.62	0.005**
Body Length	1.06	1.01 – 1.12	0.029*
Body Weight	1.03	1.00 – 1.07	0.075

52 * Indicates the statistical significance of p<0.05

53 ** Indicates the statistical significance of p<0.01

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58 **Reference for supplementary materials**

59 Sjoberg, D. D., Whiting, K., Curry, M., Lavery, J. A., & Larmarange, J. Reproducible summary tables with
 60 the gtsummary package. The R journal, 2021;13(1):570-580. ISSN 2073-4859

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