

Table S6. Associations for the haplotype combinations (block 1) of *IGF1R* gene with body weight traits and ADG traits in Hulun Buir sheep (mean \pm SE, n = 229)

Haplotype combination	Body weight (kg)			Average daily gain (ADG) (g)		
	BW	WW	NBW	0-4 ADG	4-9 ADG	0-9 ADG
H1H1 (71) TCTC	4.15 \pm 0.08	23.43 \pm 0.85	32.32 \pm 0.90	154.48 \pm 6.43	61.37 \pm 2.03	104.48 \pm 3.20
H1H2 (92) TCCT	4.17 \pm 0.07	22.79 \pm 0.73	31.82 \pm 0.78	148.61 \pm 5.23	62.11 \pm 1.92	102.33 \pm 2.69
H1H3 (22) TCCC	4.36 \pm 0.14	24.38 \pm 1.5	33.25 \pm 1.68	162.81 \pm 11.68	61.58 \pm 4.17	108.29 \pm 6.17
H2H2 (12) CTCT	4.22 \pm 0.12	24.89 \pm 1.36	34.10 \pm 1.32	163.23 \pm 9.95	63.74 \pm 3.41	110.30 \pm 4.55
H2H3 (32) CTCC	4.24 \pm 0.24	21.16 \pm 1.33	29.93 \pm 1.99	141.17 \pm 10.26	60.31 \pm 7.75	96.89 \pm 7.22

BW = birth weight; WW = Weaning weight; NBW = weight at 9-month of age; 0-4 ADG, 4-9 ADG and 0-9 ADG represent the average daily weight gain before weaning, after weaning and from birth to 9-month of age, respectively. Different letter (small letters: $p < 0.05$; capital letters: $p < 0.01$) superscripts with boldface font in a column indicate significant differences among the different genotypes.