

Table S8. Associations for the haplotype combinations (block 2) 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
H4H4 (26) CGCG	3.90 \pm 0.14 ^b	20.98 \pm 1.43 ^{BC}	30.02 \pm 1.45 ^{bc}	137.77 \pm 10.62 ^{ab}	62.36 \pm 2.44 ^A	97.29 \pm 5.10 ^B
H4H5 (84) CGTG	4.21 \pm 0.07 ^{ab}	22.51 \pm 0.80 ^{ABC}	31.61 \pm 0.85 ^{ab}	146.56 \pm 5.95 ^{ab}	62.65 \pm 2.09 ^A	101.56 \pm 3.00 ^{AB}
H4H6 (11) CGCA	4.07 \pm 0.23 ^{ab}	19.16 \pm 1.29 ^C	26.15 \pm 1.39 ^c	123.39 \pm 9.64 ^b	48.11 \pm 5.35 ^B	82.44 \pm 4.92 ^C
H5H5 (74) TGTG	4.24 \pm 0.08 ^{ab}	25.14 \pm 0.81 ^A	33.92 \pm 0.84 ^{ab}	165.56 \pm 5.81 ^a	60.72 \pm 2.00 ^A	109.61 \pm 2.86 ^{AB}
H5H6 (34) TGCA	4.33 \pm 0.10 ^a	24.70 \pm 1.02 ^{AB}	34.39 \pm 1.18 ^a	165.80 \pm 7.83 ^a	67.13 \pm 3.85 ^A	112.58 \pm 4.29 ^A

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.