

1 **Title page**

2 **A novel *PAX7* 10-bp indel variant modulates promoter activity, gene**  
3 **expression and contributes to different phenotypes of Chinese cattle**

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21 **Supplementary Table S2 Association analysis of the *PAX7* 10-bp indel with**  
 22 **growth traits in NY cattle aged 18/24 months.**

Age	Growth traits	<i>PAX7</i> -10-bp indel genotypes (Mean $\pm$ SE)			<i>P</i> -value
		Ins-Ins(n = 54)	Ins-Del(n = 111)	Del-Del( n = 55)	
18 months	Body weight, kg	312.21 $\pm$ 8.06	299.70 $\pm$ 4.27	294.96 $\pm$ 5.81	0.224
	Body height, cm	120.79 $\pm$ 1.80	121.20 $\pm$ 0.95	123.15 $\pm$ 1.29	0.412
	Body length, cm	129.79 $\pm$ 1.85	130.36 $\pm$ 0.98	128.96 $\pm$ 1.33	0.700
	Heart girth, cm	159.00 $\pm$ 2.12	156.90 $\pm$ 1.12	154.11 $\pm$ 1.52	0.144
	Hucklebone width, cm	23.46 $\pm$ 0.49	23.33 $\pm$ 0.26	22.63 $\pm$ 0.35	0.216
	Average daily gain, kg	0.46 $\pm$ 0.06	0.44 $\pm$ 0.03	0.35 $\pm$ 0.04	0.118
24 months	Body weight, kg	358.86 $\pm$ 10.02	373.45 $\pm$ 5.35	366.74 $\pm$ 7.21	0.408
	Body height, cm	125.29 $\pm$ 1.13	127.22 $\pm$ 0.60	126.44 $\pm$ 0.81	0.301
	Body length, cm	136.29 $\pm$ 1.99	139.06 $\pm$ 1.07	138.25 $\pm$ 1.44	0.475
	Heart girth, cm	166.36 $\pm$ 2.65	170.00 $\pm$ 1.42	168.57 $\pm$ 1.91	0.466
	Hucklebone width, cm	25.00 $\pm$ 0.64	25.43 $\pm$ 0.34	25.28 $\pm$ 0.46	0.837
	Average daily gain, kg	0.26 $\pm$ 0.07	0.41 $\pm$ 0.04	0.40 $\pm$ 0.05	0.174

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