

表 6 七个微卫星位点不同基因型在不同表型中的多重比较

Table 6 Multiple comparison on phenotypic data of different genotypes in seven microsatellite loci

位点 Locus	基因型 Gene type	个体数 Number	体重(g) Body weight (g)	背甲长(cm) Carapace length (cm)	背甲宽(cm) Carapace width (cm)	体高(cm) Body height (cm)	腹甲长(cm) Shell length (cm)	腹甲宽(cm) Shell width (cm)
LTF1	<u>BE</u>	85	541.07±303.810 <sup>Aa</sup>	12.58±2.653 <sup>Aa</sup>	10.54±2.332 <sup>Aa</sup>	4.29±0.973 <sup>Aa</sup>	11.45±2.480 <sup>Aa</sup>	10.66±2.266 <sup>Aa</sup>
	DE	8	442.11±343.172 <sup>ABa</sup>	11.35±3.544 <sup>Aa</sup>	9.48±2.809 <sup>Aa</sup>	4.09±1.212 <sup>Aa</sup>	10.37±3.329 <sup>Aa</sup>	9.75±2.908 <sup>Aa</sup>
	CE	5	388.87±365.165 <sup>ABab</sup>	10.83±3.763 <sup>ABa</sup>	8.90±2.987 <sup>ABa</sup>	3.79±1.227 <sup>ABab</sup>	9.96±3.291 <sup>ABa</sup>	8.93±2.851 <sup>ABa</sup>
	AE	20	130.92±120.053 <sup>Bb</sup>	7.82±1.490 <sup>Bb</sup>	6.62±1.138 <sup>Bb</sup>	2.89±0.472 <sup>Bb</sup>	7.25±1.363 <sup>Bb</sup>	6.78±1.147 <sup>Bb</sup>
LTR87	<u>BB</u>	83	494.81±333.202 <sup>Aa</sup>	11.95±3.086 <sup>Aa</sup>	9.94±2.572 <sup>Aa</sup>	4.13±1.077 <sup>Aa</sup>	10.93±2.844 <sup>Aa</sup>	10.18±2.576 <sup>Aa</sup>
	BC	18	426.55±264.005 <sup>Aab</sup>	11.63±2.818 <sup>ABa</sup>	10.09±2.810 <sup>ABa</sup>	3.98±0.953 <sup>Aa</sup>	10.49±2.664 <sup>ABa</sup>	9.78±2.460 <sup>ABa</sup>
	AB	14	412.73±317.511 <sup>Aab</sup>	11.21±3.322 <sup>ABa</sup>	9.37±2.719 <sup>ABa</sup>	3.79±1.003 <sup>Aab</sup>	10.27±3.023 <sup>ABa</sup>	9.45±2.759 <sup>ABa</sup>
	CC	3	389.69±30.557 <sup>Ab</sup>	6.78±1.089 <sup>Bb</sup>	5.92±0.64 <sup>4Bb</sup>	2.67±0.372 <sup>Ab</sup>	6.42±0.721 <sup>Bb</sup>	6.11±1.127 <sup>Bb</sup>
LT8	<u>CF</u>	10	614.74±275.770 <sup>Aa</sup>	13.05±2.992 <sup>Aa</sup>	10.93±2.487 <sup>Aa</sup>	4.55±1.006 <sup>Aa</sup>	12.01±2.706 <sup>Aa</sup>	11.13±2.562 <sup>Aa</sup>
	BC	9	575.70±354.520 <sup>Aa</sup>	12.65±3.329 <sup>ABab</sup>	10.41±2.702 <sup>Aa</sup>	4.45±1.289 <sup>Aa</sup>	11.70±2.888 <sup>ABa</sup>	10.72±2.850 <sup>Aa</sup>
	AC	8	521.01±311.983 <sup>Aabc</sup>	12.25±3.094 <sup>ABab</sup>	10.07±2.52 <sup>7Ab</sup>	4.25±0.942 <sup>Aabc</sup>	11.09±2.871 <sup>ABab</sup>	10.41±2.566 <sup>Aabc</sup>
	CC	53	501.61±339.699 <sup>Aa</sup>	11.86±3.014 <sup>ABab</sup>	10.03±2.635 <sup>Aa</sup>	4.13±1.059 <sup>Aa</sup>	10.96±2.840 <sup>ABa</sup>	10.22±2.615 <sup>Aa</sup>
	CD	6	359.13±346.424 <sup>Aabc</sup>	10.56±3.19 <sup>5ABabc</sup>	8.77±2.661 <sup>Aabc</sup>	3.73±1.101 <sup>Aabc</sup>	9.67±3.086 <sup>ABabc</sup>	9.09±2.842 <sup>Aabc</sup>
	CE	14	289.04±235.686 <sup>Abc</sup>	10.28±2.842 <sup>ABbc</sup>	8.94±2.950 <sup>Abc</sup>	3.49±0.771 <sup>Abc</sup>	9.21±2.552 <sup>ABbc</sup>	8.46±2.055 <sup>Abc</sup>
	BE	3	119.55±36.232 <sup>Ac</sup>	7.75±1.362 <sup>Bc</sup>	6.57±0.725 <sup>Ac</sup>	2.91±0.352 <sup>Ac</sup>	7.21±1.000 <sup>Bc</sup>	7.09±0.974 <sup>Ac</sup>

注: 表中性状数值为平均值±标准差, “\_”表示同一位点中的优势基因型, 括号内的数字代表优势基因型扩增片段的大小; 在同一列数值中, 上标含有相同字母者表示两种基因型个体间差异不显著( $p>0.05$ ), 小写字母的不同代表差异显著( $p<0.05$ ), 大写字母的不同代表差异极显著( $p<0.01$ )

Note: The mean ± standard deviation represented the numerical value in different characters, “\_” meant the dominant genotype in the same loci, figures in brackets represent the size of the amplified fragment of the dominant genotype; The numerical values containing the same superscript letter expressed no significant difference between the two genotypes ( $p>0.05$ ), different lowercase represent significant difference ( $p<0.05$ ), different uppercase represent highly significant difference ( $p<0.01$ ) in the same column