

Table 1 Identification of basic physical and chemical properties of *LcPGM* gene family members

Gene	Transcriptome code	Protein length (aa)	Molecular weight (Da)	Isoelectric point	Instability index	Aliphatic index	Grand average of hydropathicity
<i>LcPGM1</i>	TRINITY_DN12586	606	67912.9	6.31	36.62	85.38	-0.333
<i>LcPGM2</i>	TRINITY_DN20225	336	36995.7	5.62	26.64	79.82	-0.192
<i>LcPGM3</i>	TRINITY_DN28535	598	67374.8	5.24	38.52	86.62	-0.328
<i>LcPGM4</i>	TRINITY_DN33918	583	62823.7	6.70	33.22	93.91	-0.165
<i>LcPGM5</i>	TRINITY_DN35067	153	15471.3	4.45	29.72	91.37	-0.246
<i>LcPGM6</i>	TRINITY_DN36197	565	61766.1	5.94	26.49	77.31	-0.317
<i>LcPGM7</i>	TRINITY_DN42222	602	64876.9	5.42	28.36	82.46	-0.145