

Supplementary Table 2 Effects of Glu on amino acid content in the *longissimus thoracis* of Shaziling pigs. ^a

Items (μmol/g)	Diets		P-value
	CON	GLU	
Aspartate	0.180±0.061	0.186±0.066	0.902
Threonine	0.188±0.036	0.197±0.036	0.698
Tryptophan	0.167±0.022	0.158±0.038	0.631
Serine	0.171±0.025	0.184±0.035	0.499
Glutamic acid	1.527±0.203	1.657±0.506	0.607
Glycine	1.269±0.313	1.199±0.304	0.727
Alanine	4.073±0.377	3.911±0.257	0.445
Cystine	1.459±0.189	1.461±0.183	0.990
Valine	0.351±0.038	0.325±0.056	0.409
Methionine	0.040±0.004	0.038±0.008	0.649
Isoleucine	0.157±0.017	0.147±0.024	0.434
Leucine	0.323±0.033	0.310±0.045	0.599
Tyrosine	0.138±0.025	0.125±0.025	0.445
Phenylalanine	0.143±0.015	0.136±0.018	0.480
Lysine	0.248±0.048	0.223±0.046	0.413
Histidine	1.053±0.075	1.030±0.057	0.599
Arginine	0.109±0.018	0.106±0.022	0.855
Proline	0.203±0.041	0.203±0.036	0.993
Flavor amino acid	8.652±0.975	8.488±1.050	0.803
Essential amino acid	1.618±0.165	1.532±0.239	0.524
Total amino acid	11.801±1.065	11.594±1.269	0.786

^a Results were presented by mean ± SEM, n = 6, number of replicates. Flavor amino acid = Aspartate + Serine + Glutamic acid + Glycine + Alanine + Valine + Methionine + Isoleucine + Leucine + Lysine + Arginine + Proline. Essential amino acid = Threonine + Tryptophan + Valine + Isoleucine + Leucine + Phenylalanine + Lysine + Methionine.