

Table 6 The ortholog candidates genes of *LUX* in three species of legume.

Species	Gene name	ID No of gene	If Full-Length is or not	Similarity	Evidence of EST
<i>Medicago truncatula</i>	<i>MtLUX</i>	AC202498_23	Yes	45.7%	E
<i>Lotus japonicas</i>	<i>LjLUX</i>	chr3_CM0792_160_nd	Yes	42.3%	E
<i>Glycine max</i>	<i>GmLUX1</i>	Glyma12g06410	Yes	49.5%	E
	<i>GmLUX2</i>	Glyma11g14490	Yes	47.3%	F

Note: F: the whole candidate gene was covered by PUT sequence, or both ends were covered by PUT sequence and the 80% of whole gene was covered by PUT sequence; E: one part or several parts of the gene were covered by the suitable PUT sequence, but had not reached the standard of F