

Table 4 The ortholog candidate genes of *LWD1/LWD2* 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>MtLWD1</i>	AC136505_16	Y	90.6%	E
<i>Lotus japonicas</i>	<i>LjLWD1</i>	chr1_CM0222_40_nc	Y	91.2%	F
<i>Glycine max</i>	<i>GmLWD1a</i>	Glyma16g04930	Y	92.4%	F
	<i>GmLWD1b</i>	Glyma19g28250	Y	92.1%	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