

表 4 *LWD1/LWD2* 在豆科 3 个物种中的直系同源候选基因

Table 4 The ortholog candidate genes of *LWD1/LWD2* in three species of Legume.

物种 Species	基因名 Gene name	基因号 ID No of gene	是否全长 If Full-Length is or not	相似性 Similarity	EST 证据 Evidence of EST
蒺藜苜蓿 <i>Medicago truncatula</i>	<i>MtLWD1</i>	AC136505_16	Y	90.6%	E
百脉根 <i>Lotus japonicas</i>	<i>LjLWD1</i>	chr1_CM0222_40_nc	Y	91.2%	F
大豆 <i>Glycine max</i>	<i>GmLWD1a</i>	Glyma16g04930	Y	92.4%	F
	<i>GmLWD1b</i>	Glyma19g28250	Y	92.1%	F

注: F 代表整个候选基因有 PUT 序列覆盖, 或者两端有 PUT 序列覆盖并且整个基因 80% 的序列被 PUT 序列覆盖; E 则表示该基因的某个部分或者几个部分有符合要求的 PUT 序列覆盖, 但是还没有达到 F 的标准

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