Table 1 The ortholog candidate genes of *LF3/ELF4* in three species of Legumes

Species	Gene name	ID No. of gene	If the gene was Full-Length	Similarity	Evidence of EST
Medicago truncatula	*MtELF4*	AC145219 70	Yes	27.0%	F
Lotus japonicas	*LjELF3a*	chr3.CM1570.120.nd	No		N
	LjELF3b	LjSGA 012769.1	No		E
	LjELF4	LjSGA 089359.1	Yes	25.3%	E
Glycine max	*GmELF3a*	Glyma04g05280	Yes	37.0%	F
	GmELF3b	Glyma17g34980	Yes	31.6%	F
	GmELF3c	Glyma14g10530	Yes	32.9%	F
	GmELF3d	Glyma08g21110	Yes	26.9%	N
	GmELF3e	Glyma17g32920	No		N
	GmELF3f	Glyma09g08450	No		N
	GmELF4a	Glyma11g35270	Yes	23.0%	F
	GmELF4b	Glyma18g03130	No	28.7%	F

Note: F: the whole candidate gene was covered by PUT sequence, or at both ends were covered by PUT sequence and the 80% of whole gene was covered by PUT sequence; N: the gene could not find a line with the suitable 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