

Table 7 The forecast Orthologs genes of TIC in three species of Legume

Species	Gene name	ID No. of gene	If the gene is Full-Length	Similarity	Evidence of EST
<i>Medicago truncatula</i>	<i>MtTIC</i>	AC137838_22	Yes	40.4%	E
<i>Lotus japonicus</i>	<i>LjTIC1</i>	chr5.CM0357.1060.nd	No	26.7%	E
	<i>LjTIC2</i>	chr3.CM0711.580.nd	No		E
	<i>LjTIC3</i>	LjSGA_039130.1	No		N
	<i>LjTIC4</i>	chr5.CM0357.1040.nd	No		E
<i>Glycine max</i>	<i>GmTIC1</i>	Glyma20g28260.1	Yes	37.0%	E
	<i>GmTIC2</i>	Glyma10g39490	Yes	40.1%	E
	<i>GmTIC3</i>	Glyma20g28260.2	Yes	22.8%	E
	<i>GmTIC4</i>	Glyma06g10030	No		N