

Table 3 The forecast Orthologs genes of LKP1/LKP2/FKF1 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>MtLKP1</i> | AC148970_35 | Yes | 82.8% | F |
| | <i>MtFKF1a</i> | AC202355_8 | Yes | 69.7% | E |
| | <i>MtFKF1b</i> | AC140104_1 | Yes | 77.9% | E |
| <i>Lotus japonicus</i> | <i>LjLKP1</i> | chr6.LjT36L14.70.nd | No | 75.5% | N |
| | <i>LjFKF1</i> | chr4.CM0042.1420.nc | Yes | 76.1% | E |
| <i>Glycine max</i> | <i>GmLKP1a</i> | Glyma13g00860 | Yes | 84.8% | F |
| | <i>GmLKP1b</i> | Glyma17g06950 | Yes | 84.5% | F |
| | <i>GmLKP1c</i> | Glyma15g17480 | Yes | 68.0% | F |
| | <i>GmLKP1d</i> | Glyma09g06220 | Yes | 83.4% | E |
| | <i>GmFKF1a</i> | Glyma05g34530 | Yes | 81.2% | F |
| | <i>GmFKF1b</i> | Glyma08g05130 | Yes | 79.0% | F |