

Table S4. The primers of qRT-PCR of 37 *PeGLKs* and *PeTIP41*.

Genes		Primers used in qRT-PCR(5'→3')
<i>PeGLK1</i>	Forwards	CACCAACGACGAGGTCAAGA
	Reverse	ACCTGCTCGACTGTTTCTGGA
<i>PeGLK6</i>	Forwards	ACGATTGCCGAAAGGCAGTA
	Reverse	GGGAACCTCTTCAACTCGCA
<i>PeGLK7</i>	Forwards	AGTCGTATGAGCGTGCCAAA
	Reverse	GAGCCTGTACACAGGGGAAC
<i>PeGLK12</i>	Forwards	GGCCCCAACCATGGACATTA
	Reverse	CCACCAAGGCCCTCGTAAAA
<i>PeGLK20</i>	Forwards	CGGAGACTCTGAGGACAAGC
	Reverse	CTGGGTTGCTGTGAAATGGC
<i>PeGLK21</i>	Forwards	AAGGCCACTACGTTGGTGAG
	Reverse	TTTCACGAGGGTCGAAAGGG
<i>PeGLK28</i>	Forwards	TGCACCCTTGATCCCAAGTC
	Reverse	TCCAAAGCACCAACGAGGTT
<i>PeGLK35</i>	Forwards	GTCGCACTTAACCCAGGGAA
	Reverse	CGCGCTTGCAAACCTAGATCC
<i>PeGLK36</i>	Forwards	ATAAAAGCGCCGGTGATGGT
	Reverse	TCCTGGTG CATATAGCTGCG
<i>PeGLK37</i>	Forwards	ACGATCGAGAACTTCACCCG
	Reverse	AACGGCTCCAACCATAAGGG
<i>PeGLK39</i>	Forwards	GACTGTGCTGCTGACCTGAT
	Reverse	TGCTGGACATCACCCCTTTC
<i>PeGLK40</i>	Forwards	ACCA GTGATGCTAAGGCCAC
	Reverse	TCAAGAGGGCGTTTCAAGCA
<i>PeGLK44</i>	Forwards	TTGTTGAGGAGCGGGTTCAA
	Reverse	TGGGACTCTAGGCCTCACAA
<i>PeGLK47</i>	Forwards	ACGAGCAGCAGACATCAACA
	Reverse	AGCTCGGCACTAGCAAAGTT
<i>PeGLK48</i>	Forwards	GTTCACGTGGACGATCGAGA
	Reverse	AACGGCTCCAACCATAAGGG
<i>PeGLK50</i>	Forwards	GTCAAGGGCTGCTCAGATGT
	Reverse	CGGGAACCTCGTAACGGTCAT
<i>PeGLK51</i>	Forwards	AGATCCAGTTTGGGTCGCTG
	Reverse	CGGCCCACCATTTGTTACAC
<i>PeGLK52</i>	Forwards	CCATGCGAAATCTGCAGCAA
	Reverse	TCGCGGTAACGTAAGCTCTC
<i>PeGLK53</i>	Forwards	AAAAGTGCCGGAGATGGTGA

	Reverse	TGGTGCATATAGCTGCGGAA
<i>PeGLK58</i>	Forwards	GGACTGCCTGGCACTGTATT
	Reverse	TGCCAAGCTGTTCAAATCGC
<i>PeGLK59</i>	Forwards	AAGAAGAGCAAGTGGTCGCA
	Reverse	AGTGTAGAGGTGCAACTGGC
<i>PeGLK60</i>	Forwards	TCTGCCAGGGCCAATACAAG
	Reverse	TGTAAGGAGATGGCCCGTA
<i>PeGLK61</i>	Forwards	GTCGTGAGCTGCAGCAAAAA
	Reverse	TCCCTACACTCTTCGCGGTA
<i>PeGLK62</i>	Forwards	GAGGATAGAGTTCCACGCCG
	Reverse	CTAAGCTCCCGATCGAACCC
<i>PeGLK63</i>	Forwards	TGCTGCAGAGTGCACCAATA
	Reverse	TTGCTCGAGTCCATTGTGCT
<i>PeGLK65</i>	Forwards	CCAAGCGGCAAAACCATACC
	Reverse	CAGCGGAAGAGGTTCAAGGT
<i>PeGLK66</i>	Forwards	AAGAAGTGTTCCGGGTGCAA
	Reverse	CCATGGGCAGGCACTAATGA
<i>PeGLK67</i>	Forwards	GTTCTAAGGCCAGCGAGGTT
	Reverse	CACACTCGCAGCAAGTCAAC
<i>PeGLK68</i>	Forwards	CAGGGACAAAGCCGATTCTT
	Reverse	CCAGTCCCCTCCACCAGATA
<i>PeGLK69</i>	Forwards	CCCGATGCAGACAGGAATGT
	Reverse	TGAGGTAGCTCCTCCTCACC
<i>PeGLK70</i>	Forwards	GACGAGATCTACTCTGCCGC
	Reverse	GGCCTTGGGCATGTGATTTG
<i>PeGLK71</i>	Forwards	GCAAGGAGGAGGTTTCGTTGA
	Reverse	GCTTTCGCTGCTATCTGTGC
<i>PeGLK72</i>	Forwards	TGCAGACTCGGTTAGCACAG
	Reverse	TGGATTGGAAGGCGAGAACC
<i>PeGLK75</i>	Forwards	ACTGAAGCGCGAAAGCTAGT
	Reverse	TCGCTGGTGGTGATGAAACA
<i>PeGLK78</i>	Forwards	ACGTCAAGTGAATGGTCGCT
	Reverse	TGGATTGGAAGGCGAGAACC
<i>PeTIP41</i>	Forwards	AAAATCATTGTAGGCCATTGTCTG
	Reverse	ACTAAATTAAGCCAGCGGGAGTG