

**Table S1.** FPKM of seven candidate genes of *Gelsemium elegans* in RNA-seq data

Group	Gene name	0 h	6 h	12 h	24 h	Mean	SD	CV
LTS	<i>Actin</i>	18.14	21.22	20.39	22.43	20.54	1.81	8.80%
	<i>APRT</i>	38.39	37.08	44.80	41.25	40.38	3.42	8.48%
	<i>CUL</i>	28.17	29.06	31.31	31.04	29.90	1.53	5.10%
	<i>eEF-1a</i>	133.48	135.15	147.64	154.31	142.65	10.02	7.02%
	<i>PRR</i>	40.46	46.72	45.04	40.24	43.12	3.27	7.58%
	<i>TUB</i>	13.39	14.64	14.37	13.28	13.92	0.69	4.93%
	<i>UBQ</i>	623.76	630.83	596.13	689.16	624.97	39.11	6.16%
MeJA	<i>Actin</i>	25.81	24.28	22.19	22.55	23.71	1.44	6.09%
	<i>APRT</i>	23.51	25.12	22.17	23.58	23.60	1.04	4.43%
	<i>CUL</i>	26.52	28.02	27.01	28.09	27.41	0.67	2.44%
	<i>eEF-1a</i>	436.25	460.66	418.31	446.5	440.43	15.43	3.50%
	<i>PRR</i>	44.24	44.24	48.92	46.57	45.99	1.94	4.22%
	<i>TUB</i>	20.95	20.83	18.11	19.85	19.94	1.14	5.70%
	<i>UBQ</i>	1975.5	1997.87	1887.98	2055.93	1979.32	60.35	3.05%

**Notes:** FPKM: Fragments Per Kilobase of transcript per Million mapped reads. LTS, *G. elegans* leaves under low temperature stress; Mean, average; SD, standard deviation; CV, coefficient of variation.