

## Supplementary Material to “New insights into *Phakopsora pachyrhizi* infection based on transcriptome analysis *in planta*”

**Table S1** - Sequences of RT-qPCR primers, amplicon size, and primer efficiency of selected *P. pachyrhizi* genes.

Contigs	Primers (F - forward, R - reverse)	Amplicon size (bp)	Primer efficiency (%)
de_novo_595 (Thi – thiamine biosynthesis)	F - TCACTGAGCTAATCGGTACAGG R - GCCTTTCCAGCCAAAGTATG	73	97
de_novo_4668 (PPI – peptidyl-prolil-cys/trans isomerase)	F - TCGTCAGCTTTGCCTTAGAC R - CTCCTGGAGCATAAAATTGG	86	98
de_novo_939 (AGO – argonaut)	F - ACTCGCTCGGTTTCTATTGC R - CCGTTGAAATCGACGTTACC	92	90
de_novo_2740 (Pv_SNARE – soluble NSF attachment receptor)	F - CCGTCAATGATCCATACGTG R - AGAAGTGATGCCCGTTGTTC	113	90
de_novo_5382 (NR – nitrate reductase)	F - CCAAGTCAAAGGTCCCAAAG R - CAGCATTGGAGTTATCCCTGTC	97	98
de_novo_57 (HSS – small heat shock)	F - GACGCAAGTTTGATGACTCG R - AACAGAGATAACCGGCTTGC	92	90
de_novo_380 (Tub– tubulin)	F - CCAAGGCTTCTTCGTGTTTCA R - AGAGAAGAGCGCCAAACC	65	93