

# S7 Fig

**A****Transcript ID****Gene**

Phvul.003G147700	Xyloglucan endotransglucosylase/hydrolase family protein
Phvul.003G147400	Xyloglucan endotransglycosylase 6
Phvul.005G011900	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.001G209100	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.003G137600	Xyloglucan endotransglycosylase 6
Phvul.003G052400	Xyloglucan:xyloglucosyl transferase 33
Phvul.003G147600	Xyloglucan endotransglucosylase/hydrolase family protein
Phvul.011G024800	Expansin-like A2
Phvul.003G015600	Pectin lyase-like superfamily protein
Phvul.009G203300	Reversibly glycosylated polypeptide 3
Phvul.007G210400	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.003G147500	Xyloglucan endotransglycosylase 6
Phvul.009G250600	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.010G123100	Pectin methylesterase 3
Phvul.011G117500	Expansin B3
Phvul.001G265300	Xyloglucan endotransglucosylase/hydrolase 15
Phvul.009G222100	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.007G212000	Pectin lyase-like superfamily protein
Phvul.011G189000	Root hair specific 12
Phvul.005G007800	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.003G213800	Expansin A18
Phvul.002G270900	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.009G222700	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.002G152900	Expansin A7
Phvul.007G198200	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.011G085200	Xyloglucan endotransglucosylase/hydrolase 32
Phvul.009G233200	Xyloglucan endotransglycosylase 6
Phvul.010G079900	Plant invertase/pectin methylesterase inhibitor superfamily

**B**

Transcript ID	Gene
Phvul.008G277900	Pectin lyase-like superfamily protein
Phvul.002G083600	Expansin A15
Phvul.003G224700	Expansin-like B1
Phvul.009G222600	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.005G184400	Plant invertase/pectin methylesterase inhibitor superfamily
Phvul.007G235300	Expansin-like B2
Phvul.003G231900	Xyloglucan endotransglucosylase/hydrolase 6
Phvul.005G012000	Root hair specific -like12
Phvul.001G179900	Xyloglucan endotransglucosylase/hydrolase 32



**S7 Fig. DEGs of cell wall-related genes during root symbioses.** Expression profile of unique cell wall-related genes in *P. vulgaris* roots colonized by (A) AMF and (B) rhizobia. Expression profile showing upregulated and downregulated DEGs obtained from GO analysis. Statistically significant DEGs were identified using an unpaired *t*-test ( $p < 0.05$ ), in symbiont treatment over controls (S3 Table). Fold-change values (over control) were used to plot heat maps. Color bar scale shows the fold-change range with red and green representing downregulation and upregulation, respectively.