

Supplementary information

The effects of soil phosphorus and zinc availability on plant responses to mycorrhizal fungi: a physiological and molecular assessment

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Supplementary information

Table 1. The forward and reverse oligo sequences used to amplify housekeeping genes and genes-of-interest, gene ID (Phytozome) and brief description of genes.

Gene name	Forward primer	Reverse primer	Gene ID	Gene
<i>MtEF1α</i>	TGACAGGCGATCTGGTAAGG	TCAGCGAAGGTCTCAACCAC	Medtr6g021800	Housekeeping
<i>MtASPP</i>	GGATCGGTCTTGGACAGTGG	TGGACCGCTGATTTGACTGA	Medtr4g095270	Housekeeping
<i>MtTRF</i>	GGATAAGGTGGATGGTGATCG	TCTGCCTCTCGTCGTTTTTGT	Medtr1g087790	Housekeeping
<i>MtZIP2</i>	AATGGGCATTGCTTGTGGTG	TGTCGAAACGGCTCTTCCTC	Medtr8g105030	ZIP
<i>MtZIP5</i>	GCGTCGCAACATGGACATTC	CGGACGCTACTATCCACACC	Medtr2g097580	ZIP
<i>MtZIP6</i>	AGGACTTGGAATGGGAGCCT	CACCAAGACCCATGCCTTCA	Medtr1g016120	ZIP
<i>MtPT1</i>	AGCCCGTTACACCGCTCTTG	CATGTTCCAAACAAAGCCAAACCG	Medtr1g043220	PT
<i>MtLPCAT1</i>	TGGCTTAACAGCACGTTGGA	CTGAAACCCAAGCCGGAGAT	Medtr4g102750.1	?
<i>MtMT4</i>	CCTTTATGGAACCACATGGGA	AAGAAGGTTTCATTCCCAGCAA	Medtr1g062300.1	PSI
<i>Ri α-tubulin</i>	TGTCCAACCGGTTTTAAAGT	AAAGCACGTTTGGCGTACAT	TC105406	Fungal biomass
<i>MtPT8</i>	GCTGCAGCTGAAAAATCAGG	CAAGTTCACAACCGCAAGGG	Medtr5g068140.1	PT
<i>MtPT4</i>	GACACGAGGCGCTTTCATAGCAGC	GTCATCGCAGCTGGAACAGCACCG	Medtr1g028600	PT

(Housekeeping genes from Bravo, et al. ⁸¹, ZIP genes from Watts-Williams, et al. ⁵³)