

**S2 Fig. Phytoplasma concentration of leaf and root samples.** The normalized phytoplasma concentration is given as the ratio of the '*Ca. P. mali*' specific *16S* gene copies and the *Malus x domestica* single-copy gene *ACO*. Phytoplasma concentration was quantified in seven infected leaf samples from greenhouse plants (three from spring and four from autumn), in three naturally infected pooled leaf samples (one from spring, two from autumn) and in one naturally infected pooled root sample (autumn).

