

Figure S1 Phylogenetic analysis of the candidate gene using the corresponding gene from different plants (including *Glycine max*, *Glycine soja*, *Vigna unguiculata*, *Phaseolus vulgaris*, *Lotus japonicus*, *Cicer arretinum*, *Trifolium pratense*, *Medicago truncatula*, *Arachis hypogaea*, *Lupinus albus*, *Malus domestica*, *Castanea dentata*, *Prunus persica*, *Populus trichocarpa*, and *Theobroma cacao*).

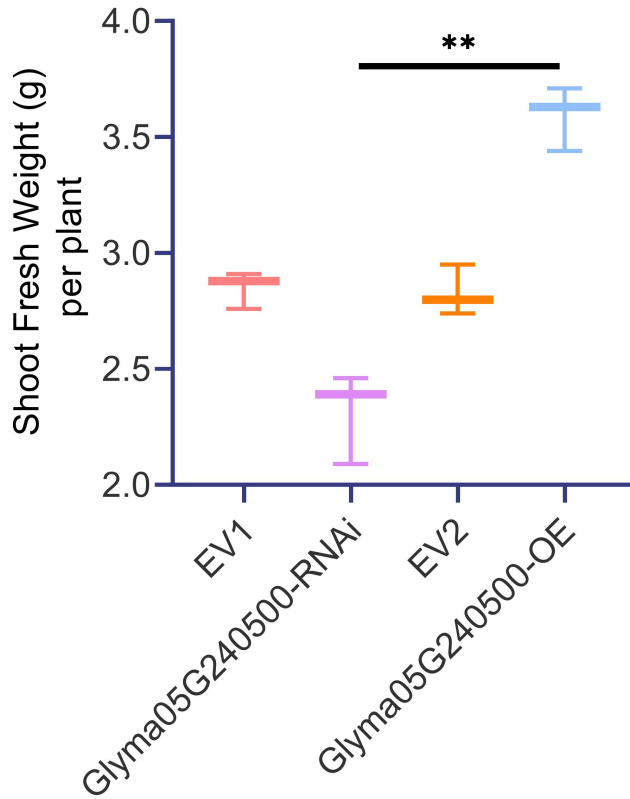


Figure S2 Boxplots of SFW of hairy roots transformed with EV1, *Glyma.05G240500-RNAi*, EV2, and *Glyma.05G240500-OE* after inoculation with HH103 (28 dpi).