



S5 Figure Bayesian SI phylogram of inoculated *Bradyrhizobium* isolates reconstructed with concatenated *nodZ*+*noIL* and rooted with homologous sequences from *Mesorhizobium loti* MAFF. Bayesian clade support values (posterior probabilities) are reported for all well-supported clades (pp ≥ 0.80). Ineffective isolates are noted with an asterisk. Non-nodulating isolates are not on the tree since they are lacking in homologous *nodZ* and *noIL* loci.