



**Figure S2:** Luminescence measurements in the pilot experiment for the two controls axenic non-infected (axenic NI) and axenic infected (axenic), and the 17 randomly assembled Mini5SynCom (M1 to M17). Each data point corresponds to the median of the luminescence of four plants in a microbox. Significance levels for mean comparisons between the axenic non-infected control and all other treatments were obtained with one-sided Welch's tests (see Table S1). M6 and M12 were included in the Mini5SynCom screen (SynCom-Low and SynCom-High, respectively), and are coloured accordingly. Abbreviations: dpi, days post infection. Significance code: NS > 0.05; \*  $\leq 0.05$ ; \*\*  $\leq 0.01$ ; \*\*\*  $\leq 0.001$ ; \*\*\*\*  $\leq 0.0001$ .