A Extranidal activity (fraction being outside nests) **B** Trajectory examples **C** Extranidal walking speed (mm/s) Pure uninfected Colonies Pure Infected Colonies Pure Uninfected Colonies Pure Infected Colonies **Mixed Colonies Mixed Colonies** * 0.7 1.8 n.s. n.s. n.s. 1.6 0.6 n.s. 1.4 0.5 1.2 C7GR, pure uninfected colony 0.4 0.8 0.3 0.6 0.2 0.4 0.2 T4BB, pure infected colony n = 80 Uninfected n = 80 Uninfected n = 40 Uninfected n = 40 n = 40 Uninfected n = 80 Infected n = 80 Infected Infected Infected **Individual Infection Status Individual Infection Status** Fraction outside the nest E Speed outside the nest (mm/s) 1.8 **Colony composition** Pure infectedMixed 1.6 1.4



