



Figure S1: Diurnal course of (a) HP, (b) MF, and Cit (c). In red the wildtype and in blue the *hpr1-1* mutant. Dashed lines and triangles represent elevated CO_2 concentrations. Continuous lines and closed circles represent ambient CO_2 concentrations. Dots or triangles represent mean of measured values ($n = 5$ per group). Bars indicate the error of measurements. Line represent the mean of 20 simulations. Light phase indicated by yellow bar and dark phase indicated by black bar.