



Supplementary Figure 1. A) Visualization of the pipeline for plant growth including vernalization and subsequent greenhouse growth. B) Dual imager set-up including thermal and chlorophyll fluorescence cameras as well as the cuvette within the system used for leaf screening. C) Example of thermal images and spatial variation assessed including leaf (cv. Soissons) and dry reference with relative example of temperature and g_s dynamics evaluated. D) Example of contrasting A/C_i curves and relative standard output. A_n is the net photosynthetic rate, C_i the intercellular CO_2 concentration. Symbols are measurements, the black line the fitted model. Coloured lines indicate the two photosynthesis rates for $V_{c_{max}}$ and J_{max} estimation,