Was low [CO2] a driving force of C4 evolution? *Arabidopsis* responses to long-term low [CO2] stress. *Yuanyuan Li, Jiajia Xu, Hui Zhang, and Xin-Guang Zhu* 

## Supplement Figure S1. Measure stomata density

We examined eight fully expanded leaves from eight individual plants for each treatment. For each leaf, we took photos from 4 fields (same size; position as indicated in the following figure, red rectangle) of abaxial (lower) leaf blade epidermis. So for each treatment (normal  $[CO_2]$  and low  $[CO_2]$ ), we measured 32 area (n=32).



