

%% README:

Accompanying files for :

Gould, P.D., Domijan, M., Greenwood, M., Tokuda I.T., Rees, H., Kozma-Bognar, L., Hall A.J., and Locke, J.C.W. (2017) "Coordination of robust single cell rhythms in the Arabidopsis circadian clock via spatial waves of gene expression".

This folder comes with several files and subfolders.

Data_singlecell folder contains the data for WT, WT repeat and CCA1-long experiments.

Pictures folder contains the stitched images of the experiment's measurement positions.

Analysis Matlab files for each experiment producing some of the figures from the paper.

To make the sequential montages (Figure 3G, Figure 2 supplement 1 G and Figure 2 supplement 2 G) you need to download the following toolbox (Controllable tight subplot) from FileExchange:

<https://uk.mathworks.com/matlabcentral/fileexchange/30884-controllable-tight-subplot>
in this folder.

To make figures like Figure 1H, Figure 1 Supp3B and Supp 4B you need to download the following toolbox (Red Blue Colormap) from FileExchange:
<https://uk.mathworks.com/matlabcentral/fileexchange/25536-red-blue-colormap>
in this folder.