Description of Additional Supplementary Files

Title: Supplementary Data 1

Description: List of differentially expressed genes between Th1 PbTII cells before and after

re-infection.

Title: Supplementary Data 2

Description: List of differentially expressed genes between Tcm/Tfh PbTII cells before and

after re-infection.

Title: Supplementary Data 3

Description: List of differentially expressed genes between GC Tfh PbTII cells before and after

re-infection.

Title: Supplementary Data 4

Description: List of genes belonging to 9 individual dynamics.

Title: Supplementary Data 5

Description: List of genes upregulated in primary Th1 cells that are stably upregulated in

memory and recall.

Title: Supplementary Data 6

Description: List of differentially expressed genes between Treg polyclonal cells before and

after re-infection.

Title: Supplementary Data 7

Description: List of differentially expressed genes between Th1 polyclonal cells before and

after re-infection.

Title: Supplementary Data 8

Description: List of differentially expressed genes between Tcm/Tfh PbTII cells before and

after re-infection.

Title: Supplementary Data 9

Description: List of differentially expressed genes between GC Tfh polyclonal cells before and

after re-infection.

Title: Supplementary Data 10

Description: List of monoclonal antibodies and hashtags employed