

Description of Additional Supplementary Files

Supplementary Data 1

In situ HiC library statistics

Supplementary Data 2

Differentially expressed genes across B cell differentiation

Supplementary Data 3

Differential interactions across B cell differentiation

Supplementary Data 4

Pre-existing loop structure and gene expression changes three hours after activation

Supplementary Data 5

Gene ontology of differentially expressed genes across B cell differentiation

Supplementary Data 6

A/B compartment changes across B cell differentiation

Supplementary Data 7

Differential interactions at promoters (DIPs) across B cell differentiation

Supplementary Data 8

Patterns of change in differential interactions at promoters (DIPs) across B cell differentiation

Supplementary Data 9

Gene ontology of DIPs across B cell differentiation

Supplementary Data 10

Gene ontology of DIP patterns across B cell differentiation

Supplementary Data 11

Motif analysis within differentially interacting promoters

Supplementary Data 12

Differential interactions across B cell differentiation, including Pre-S phase population

Supplementary Data 13

Antibodies used in the study