



Supplemental Figure S6. Compartment switching and gene expression changes. (A) Numbers of switched bins (200 kb) between replicates and conditions. P value was based on generalized linear model with a binomial outcome. (B) Overlaps of switched bins between two replicates. (C) Gene density in unchanged compartment and switched compartments. (D)

GO terms of down-regulated genes paralleled with A-to-B switching. (E) As an example, the *Abca* gene cluster on chromosome 11 (highlighted) displays A-to-B switch and decreases of gene expression.