

Fig. S6 Representative results of bisulfite sequencing

a) C-specific MR in pair 1 ($-10 \cdot \log_{10}(P \text{ value})=118.73$)

Healthy co-twin

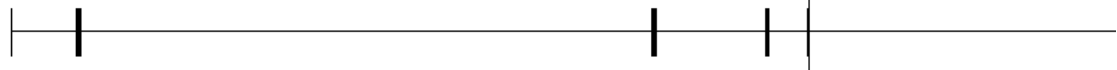


Bipolar twin

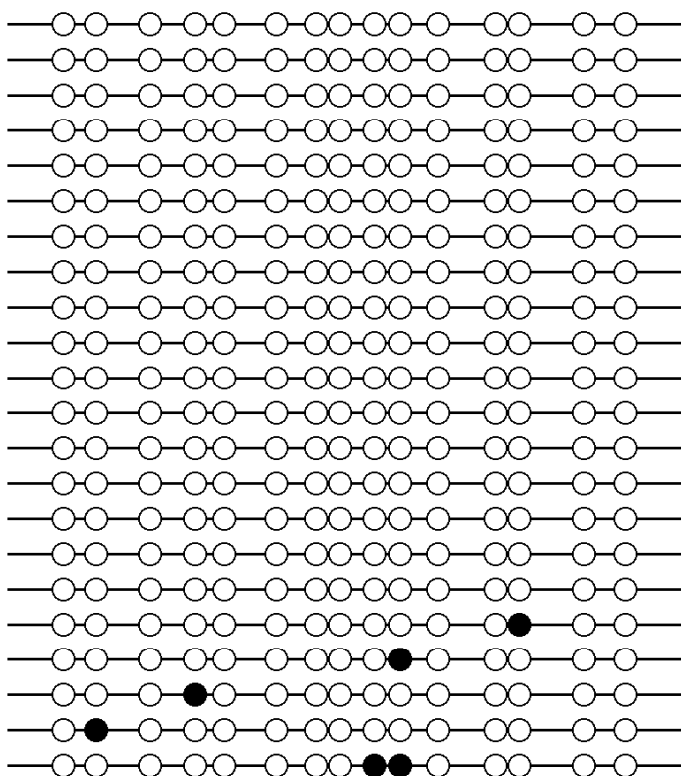
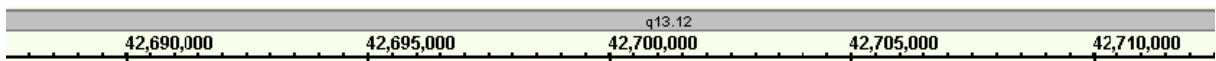


Differentially methylated region

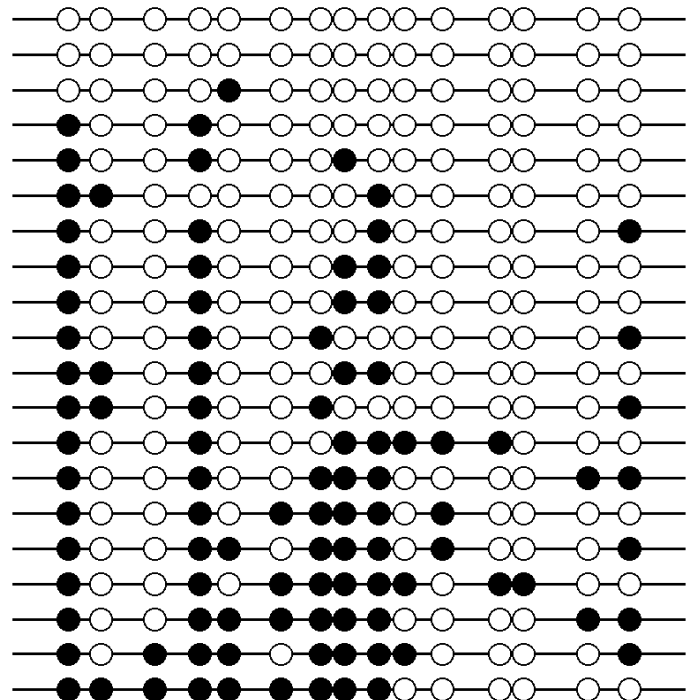
ZNF793



CpG island



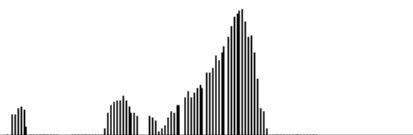
Bipolar twin



Healthy co-twin

b) C-specific MR in pair 2 ($-10 \cdot \log_{10}(P \text{ value}) = 41.78$)

Healthy co-twin



Bipolar twin



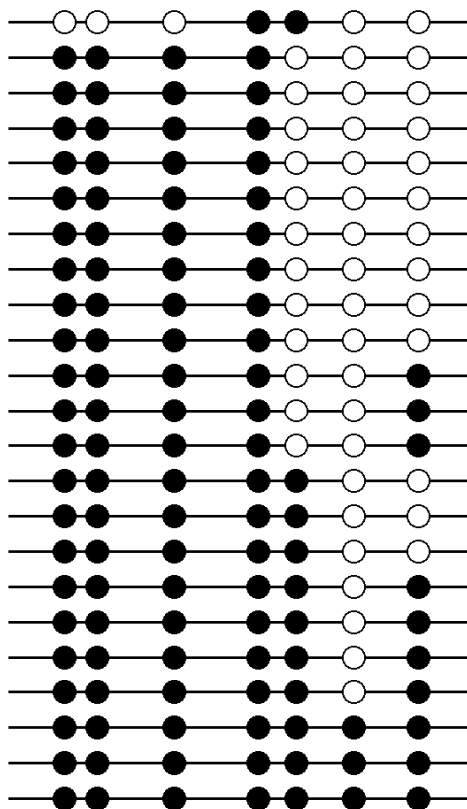
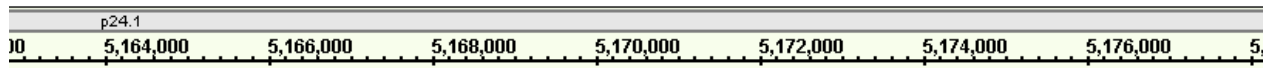
Differentially methylated region



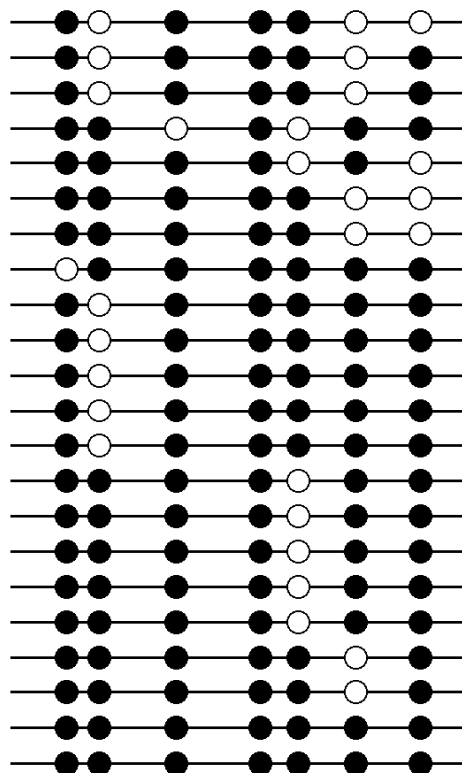
INSL6



CpG island



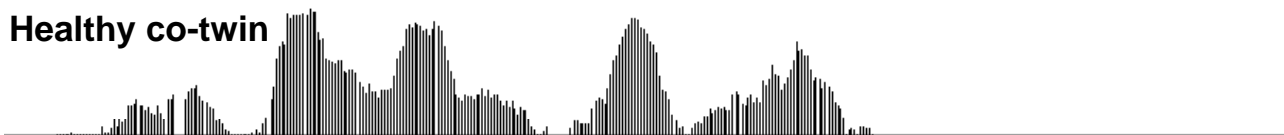
Bipolar twin



Healthy co-twin

c) C-specific MR in pair 2 ($-10 \cdot \log_{10}(\text{P value}) = 44.56$)

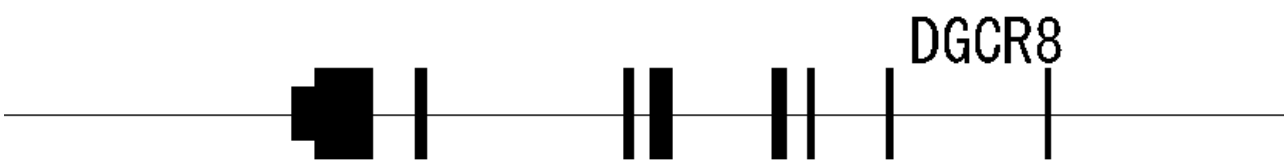
Healthy co-twin



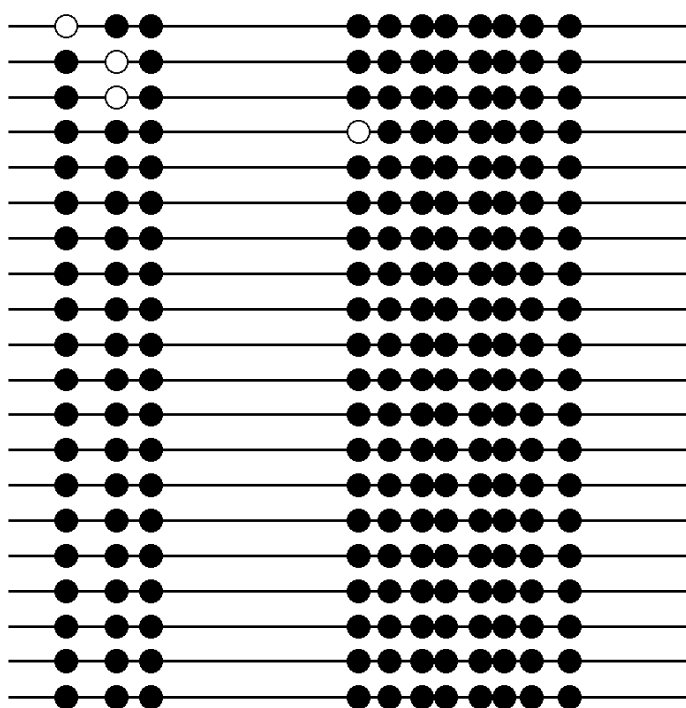
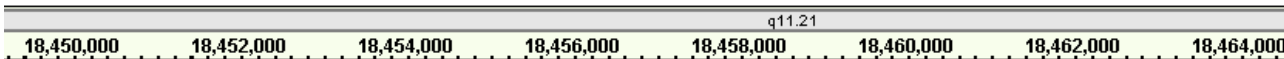
Bipolar twin



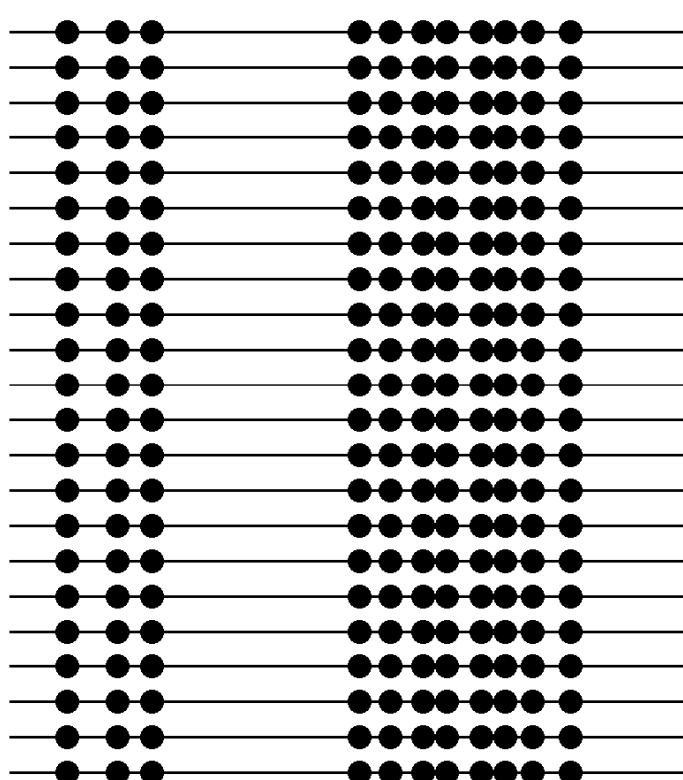
Differentially methylated region



CpG island



Bipolar twin



Healthy co-twin