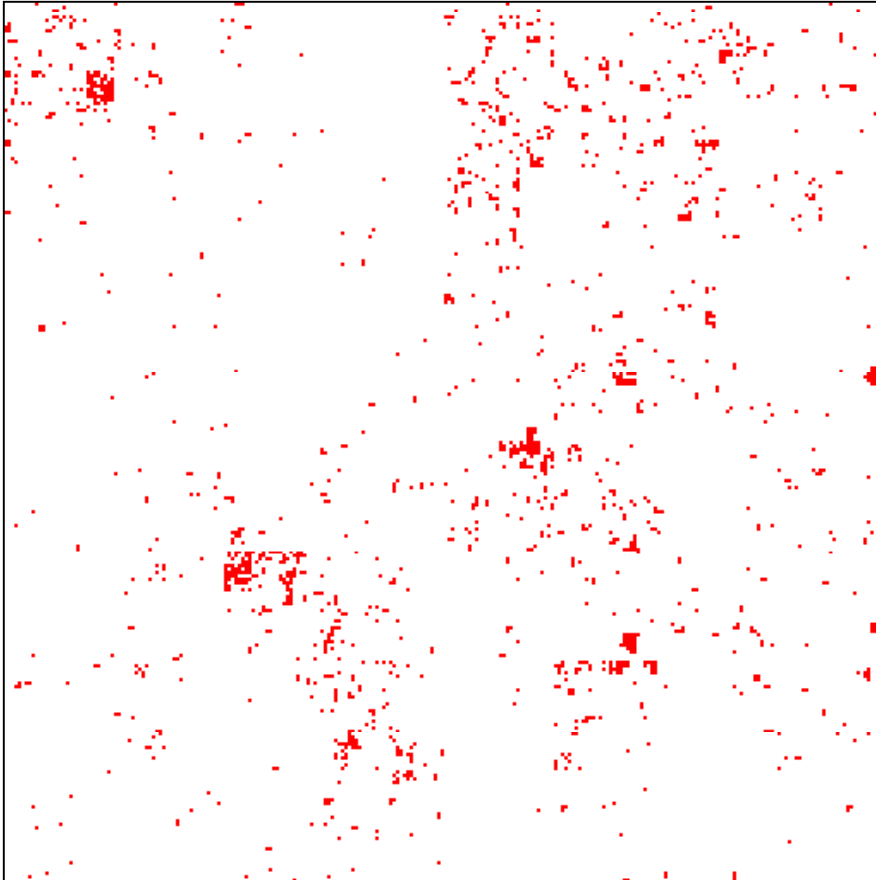


Figure S3 Hilbert curve visualisation of chromosome specific H3K27me3 profiles for the foetal and lamb samples

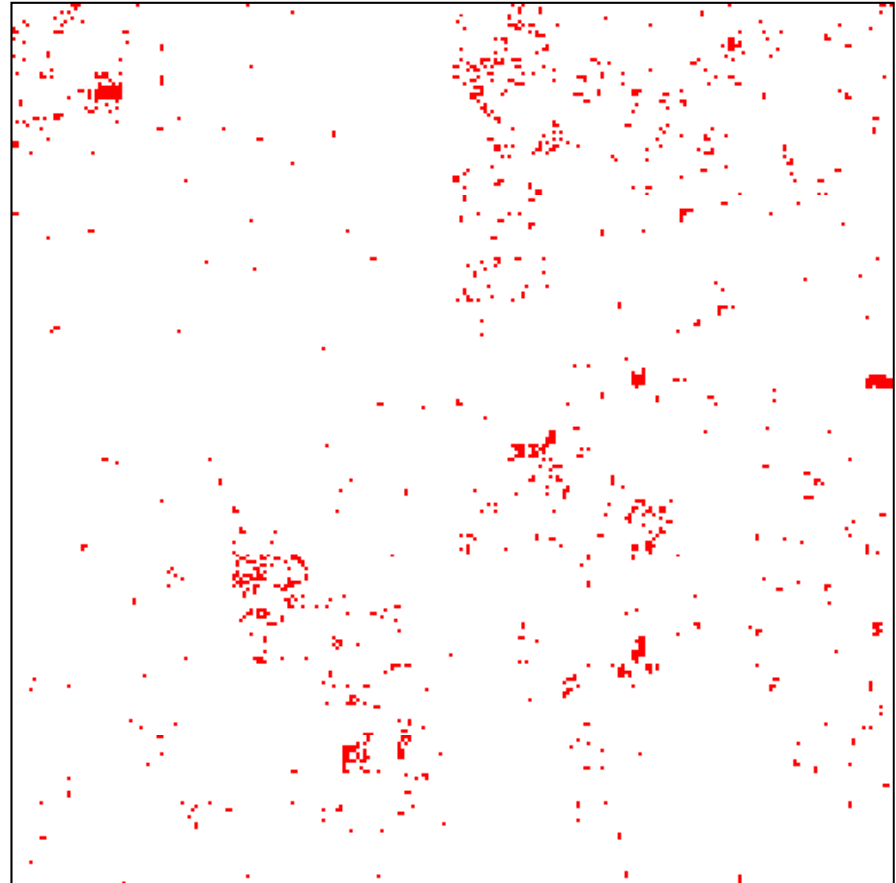
Hilbert curves (Anders 2009) were used to visualise H3K27me3 enrichment across each autosome for the foetal and lamb samples. The pattern of H3K27me3 modification is largely characterised by focal intensities (representing regional modifications). The H3K27me3 enriched regions on autosomes were detected using CisGenome (Ji *et al.* 2008). Images for both the fetal and lamb developmental states are presented for each chromosome.

Hilbert Visualisation- Chromosome 1

Foetal



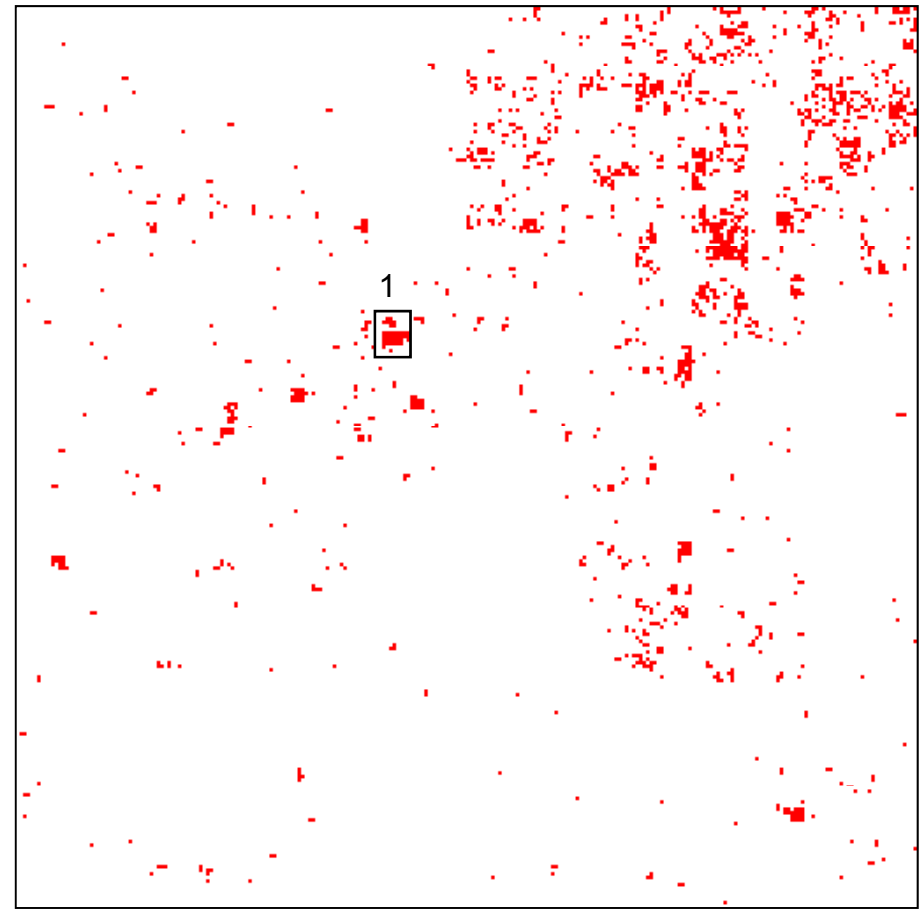
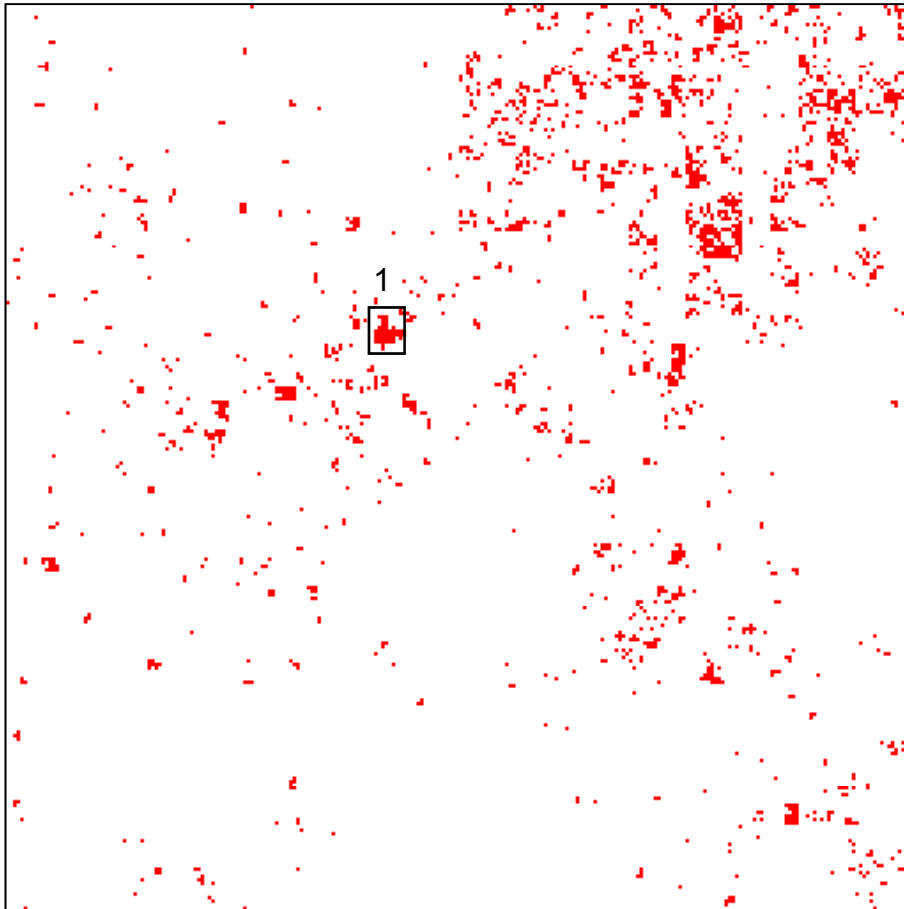
Lamb



Hilbert Visualisation- Chromosome 2

Foetal

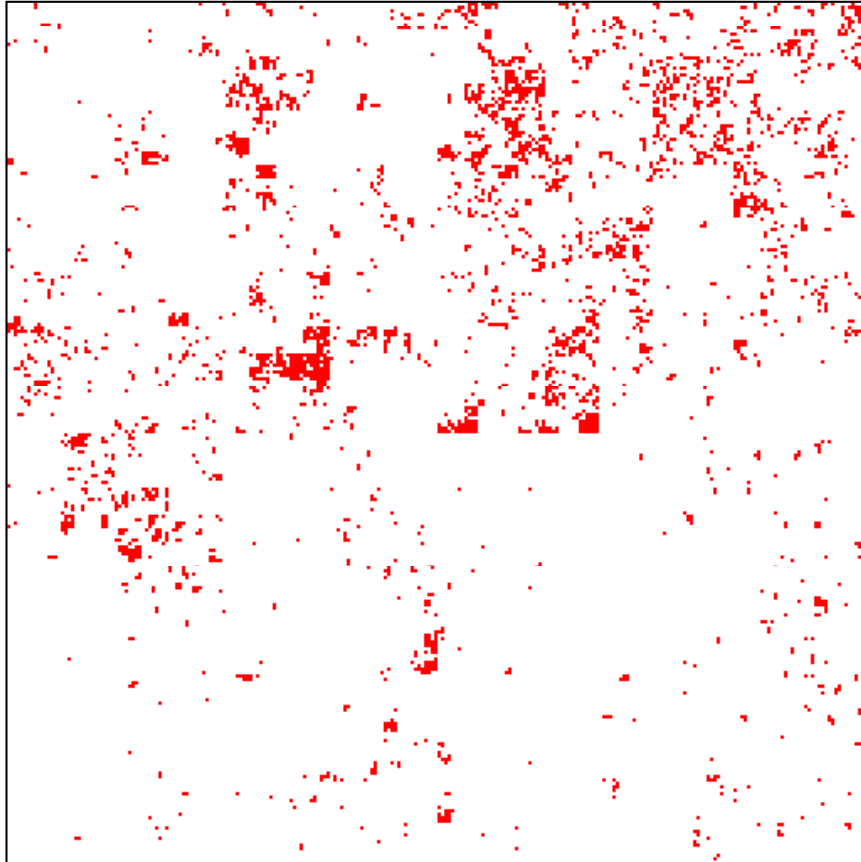
Lamb



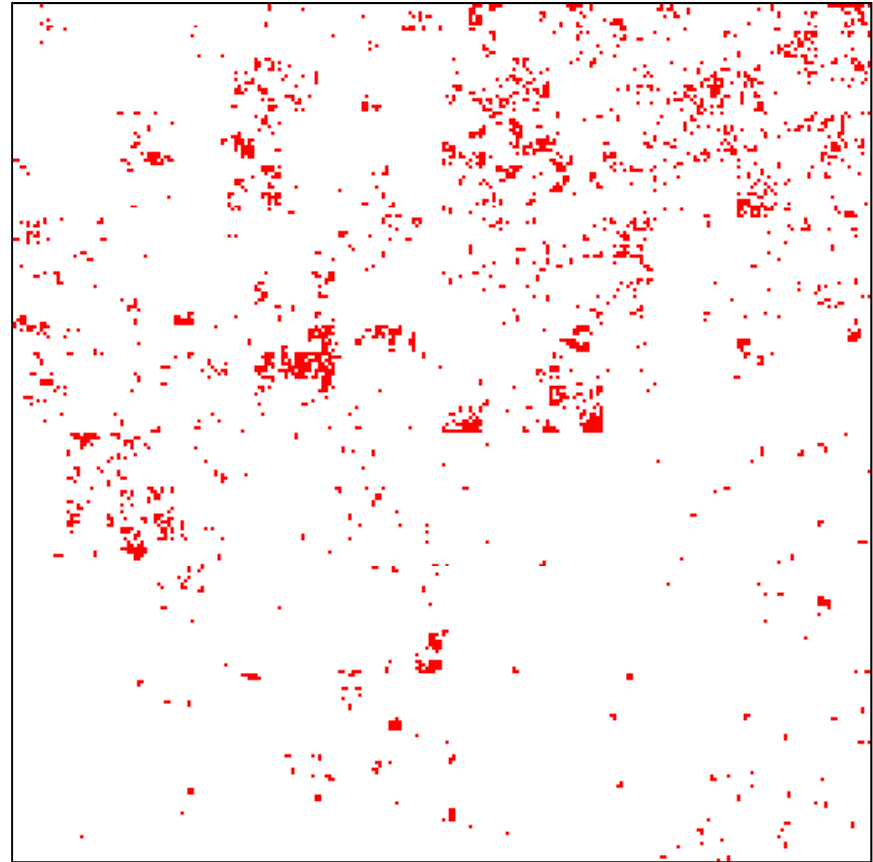
1HOXD locus

Hilbert Visualisation- Chromosome 3

Foetal



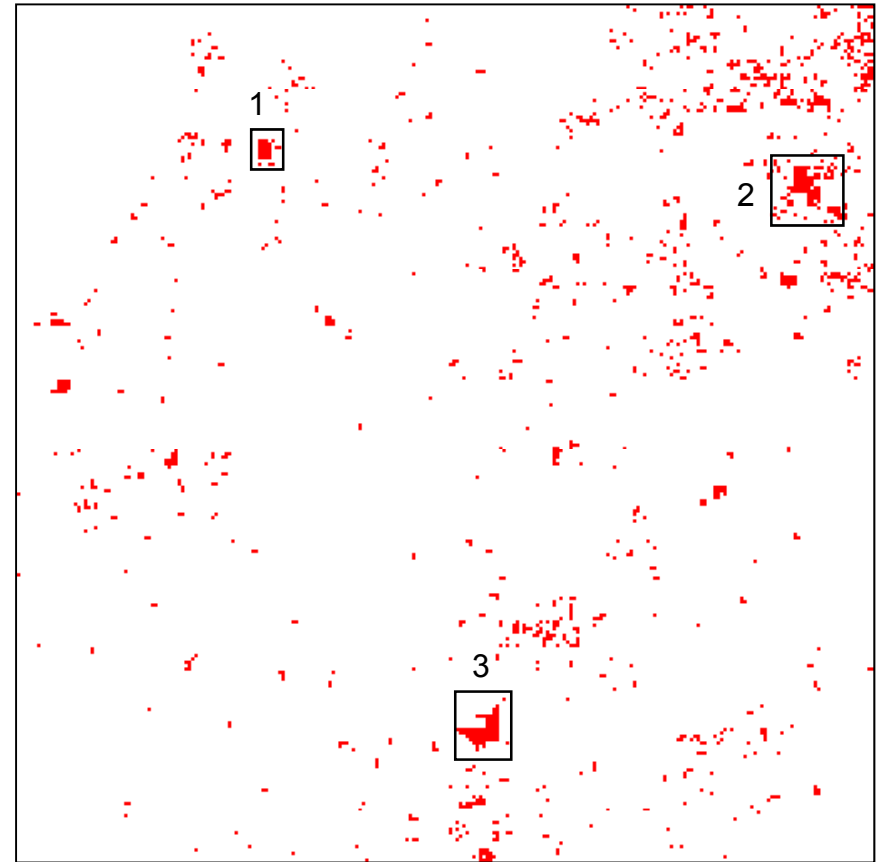
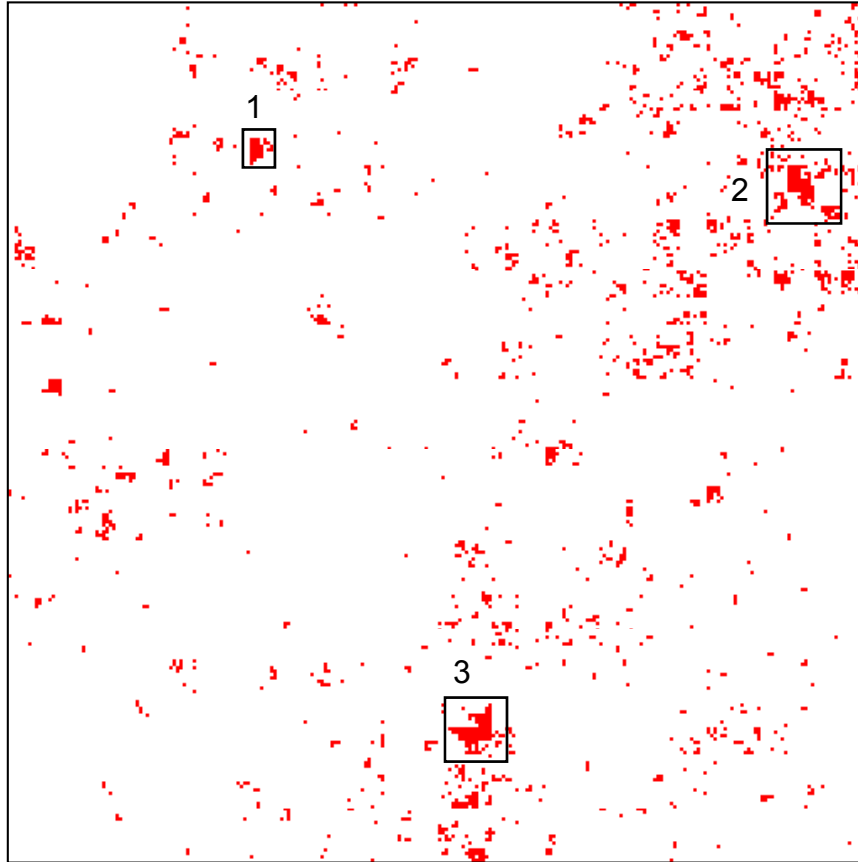
Lamb



Hilbert Visualisation- Chromosome 4

Foetal

Lamb

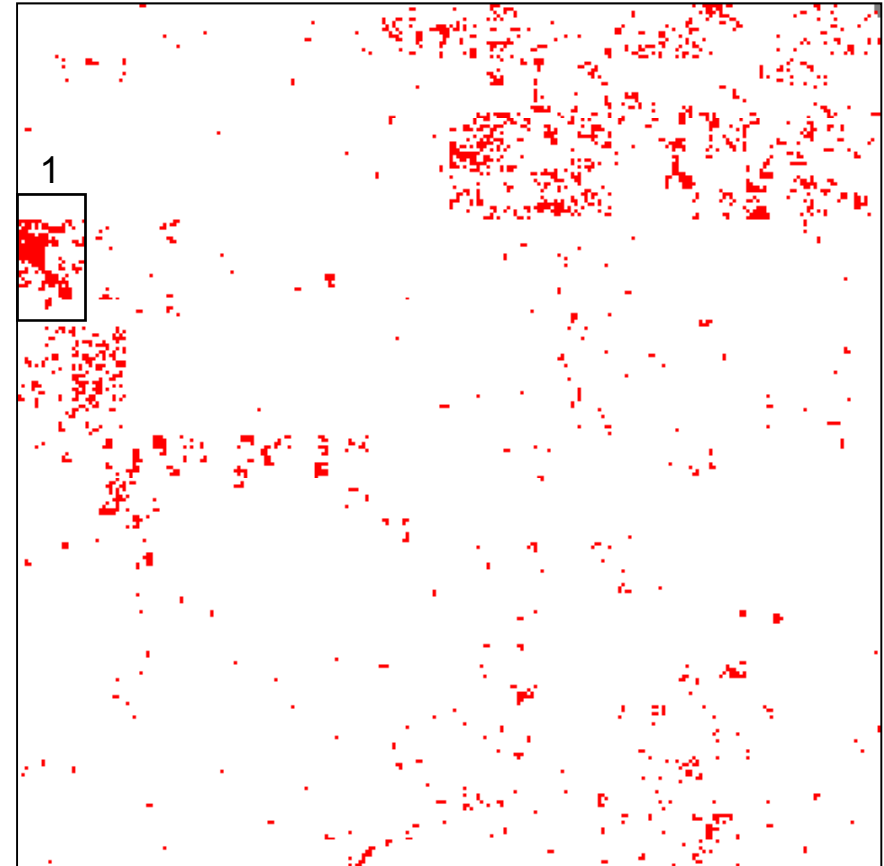
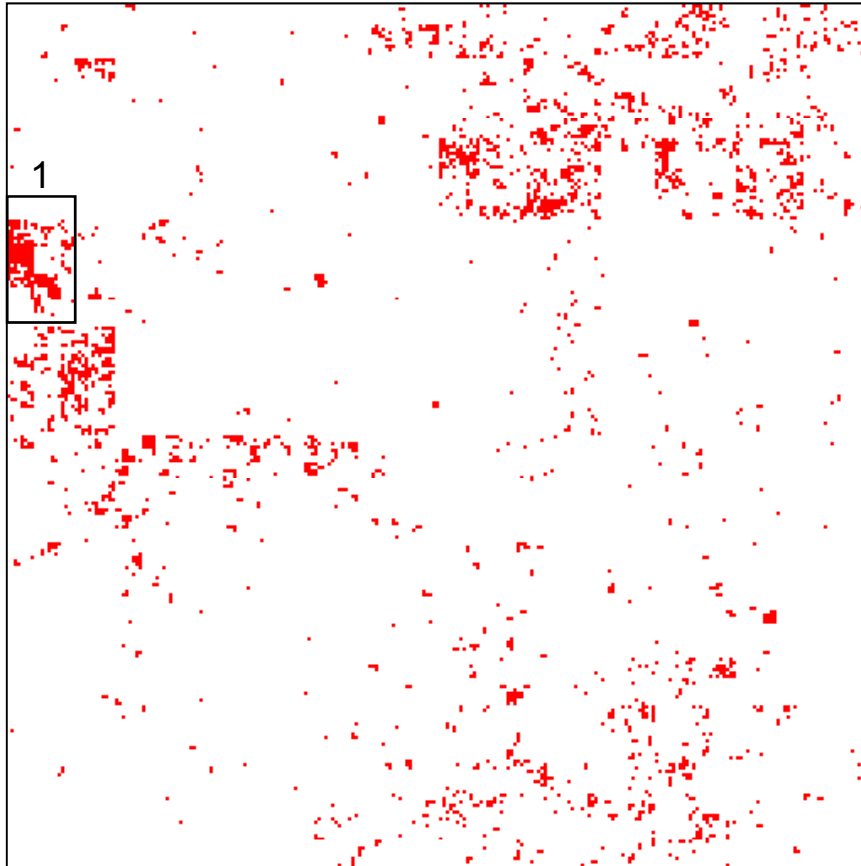


¹*DLX* loci (*DLX5*, *DLX6*); ²*EN2*; ³*HOXA* loci (*HOXA9*, *HOXA10*).

Hilbert Visualisation- Chromosome 5

Foetal

Lamb

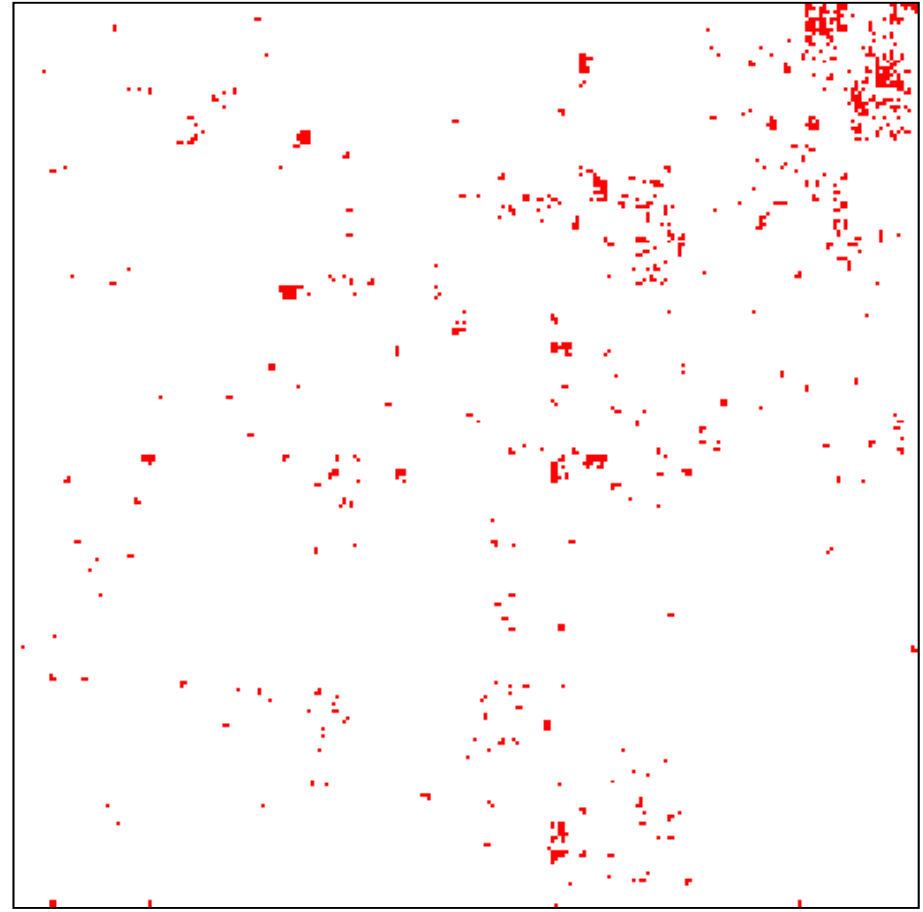
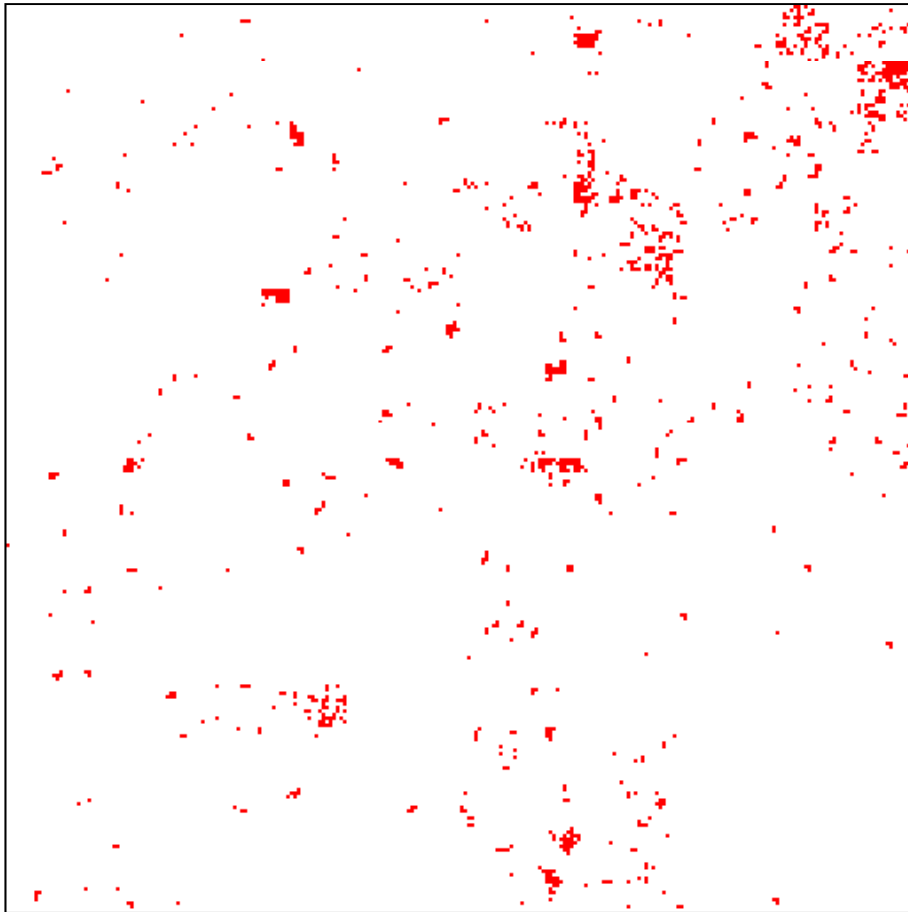


¹HOX loci (*HOXC13*, *HOXC4*)

Hilbert Visualisation- Chromosome 6

Foetal

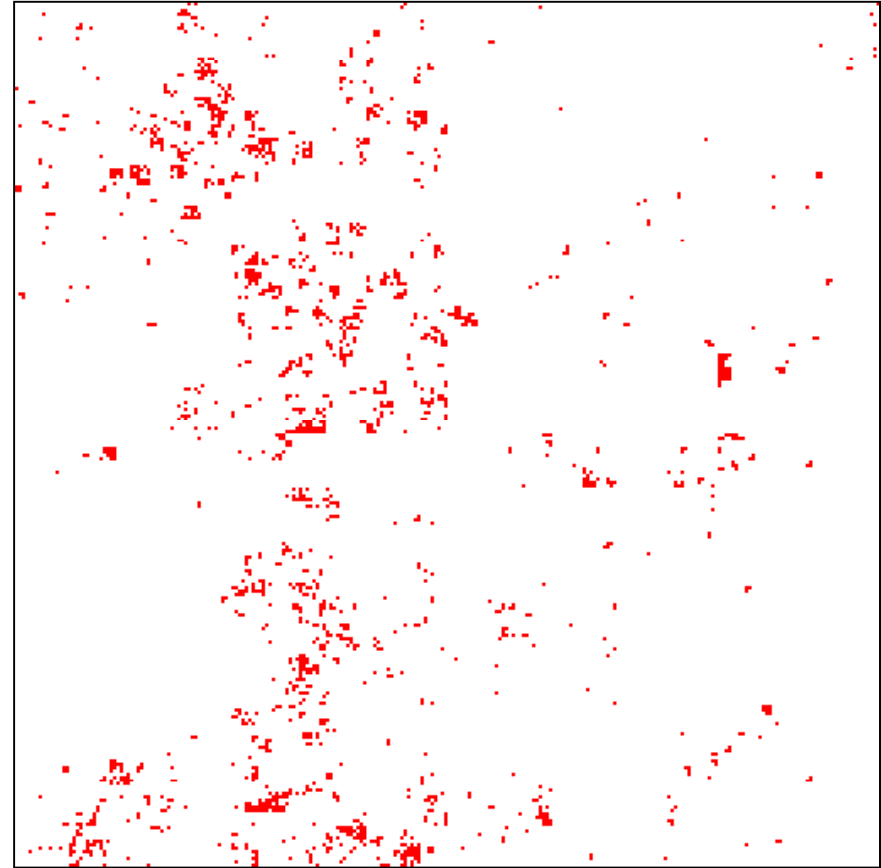
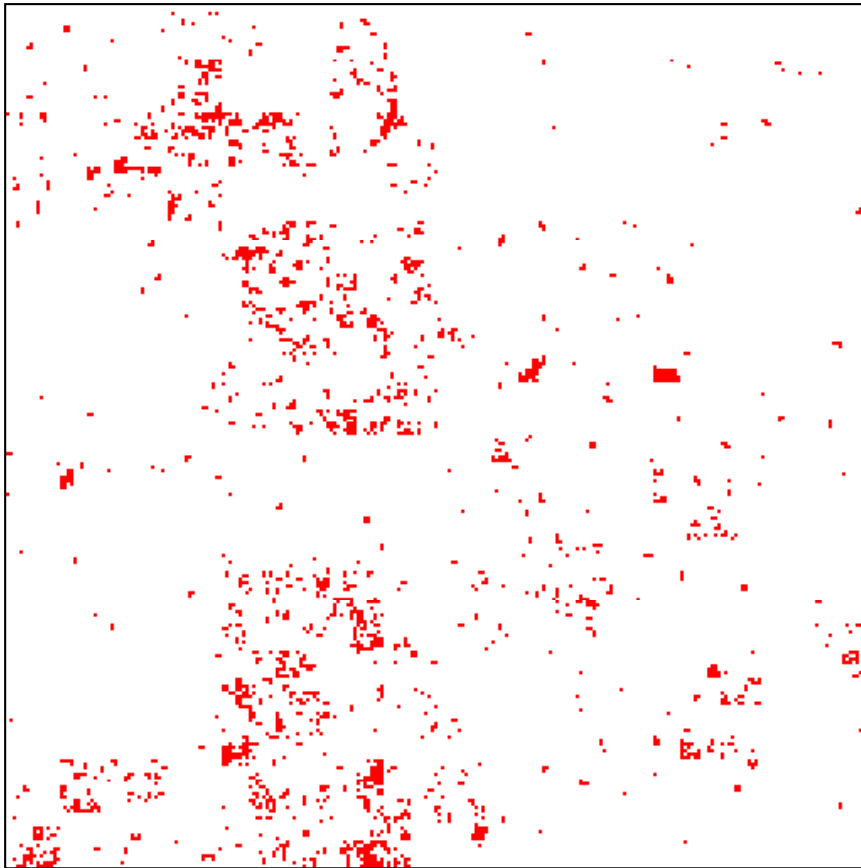
Lamb



Hilbert Visualisation- Chromosome 7

Foetal

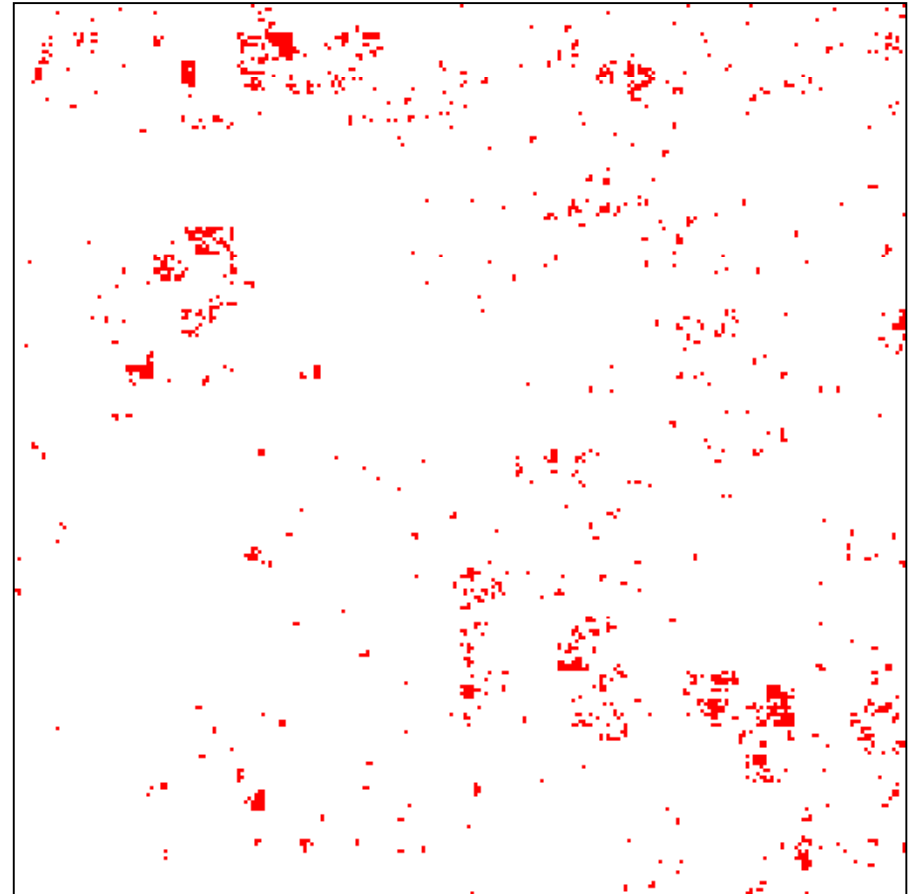
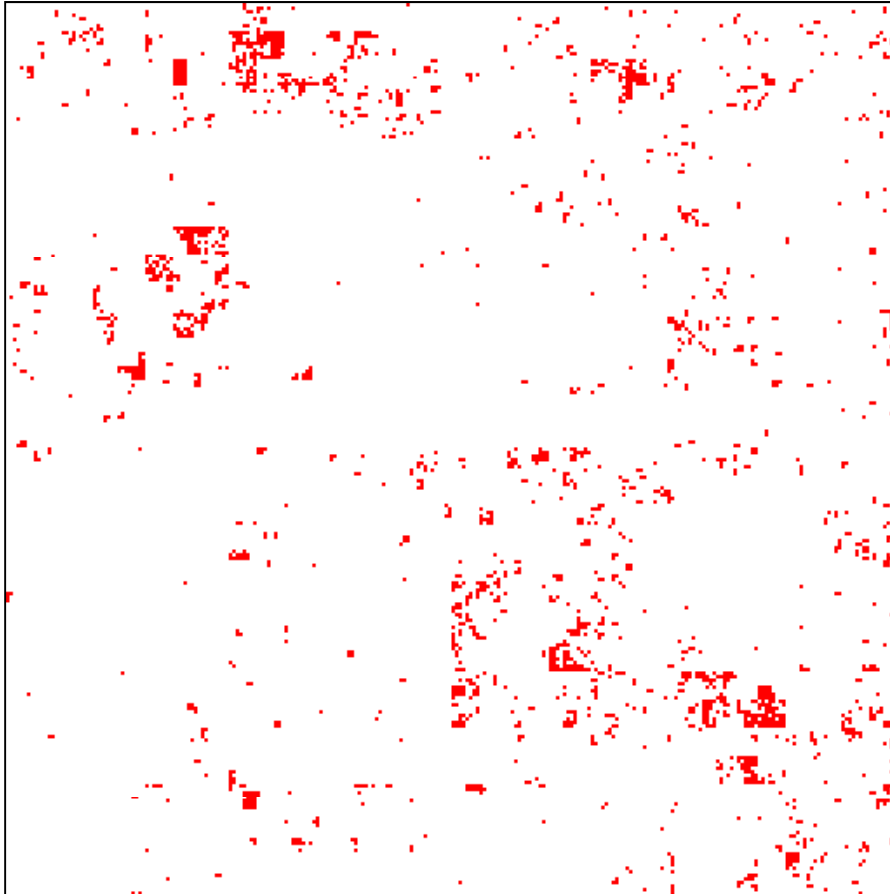
Lamb



Hilbert Visualisation- Chromosome 8

Foetal

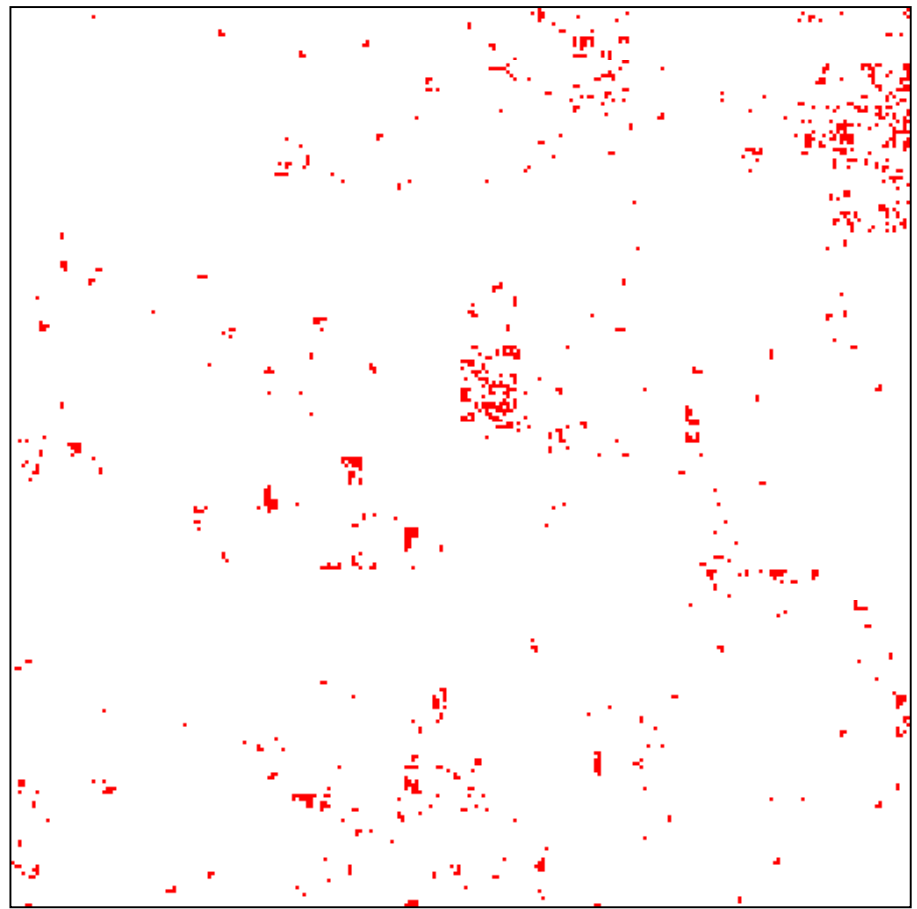
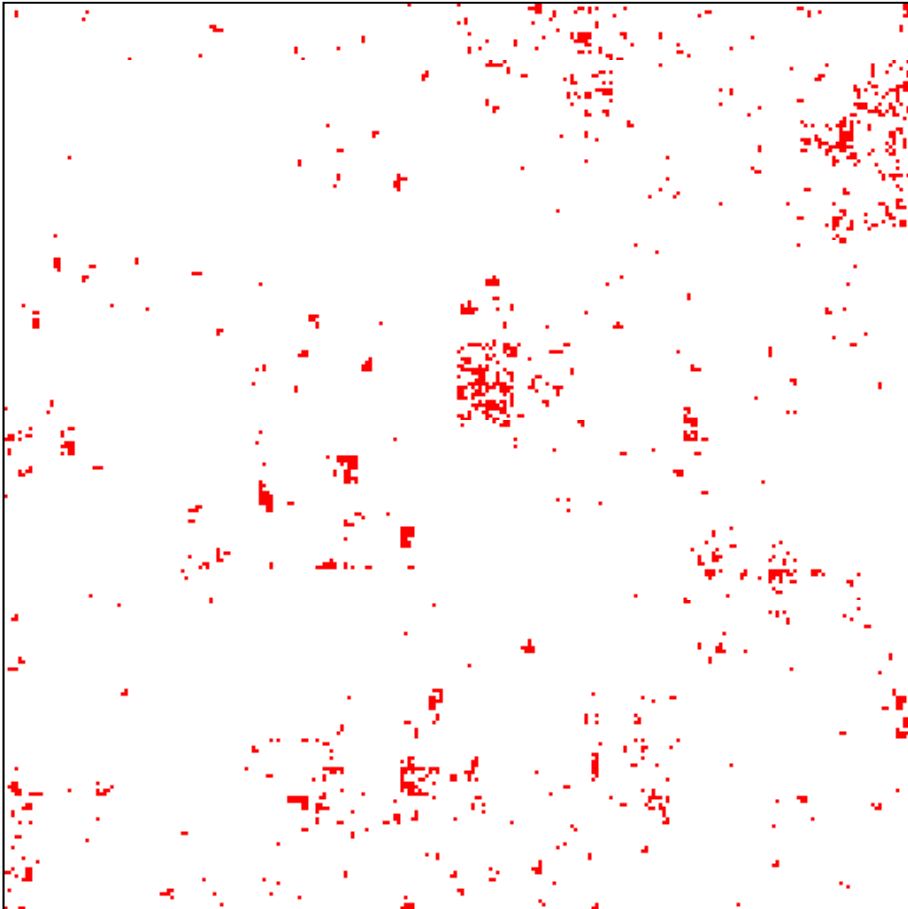
Lamb



Hilbert Visualisation- Chromosome 9

Foetal

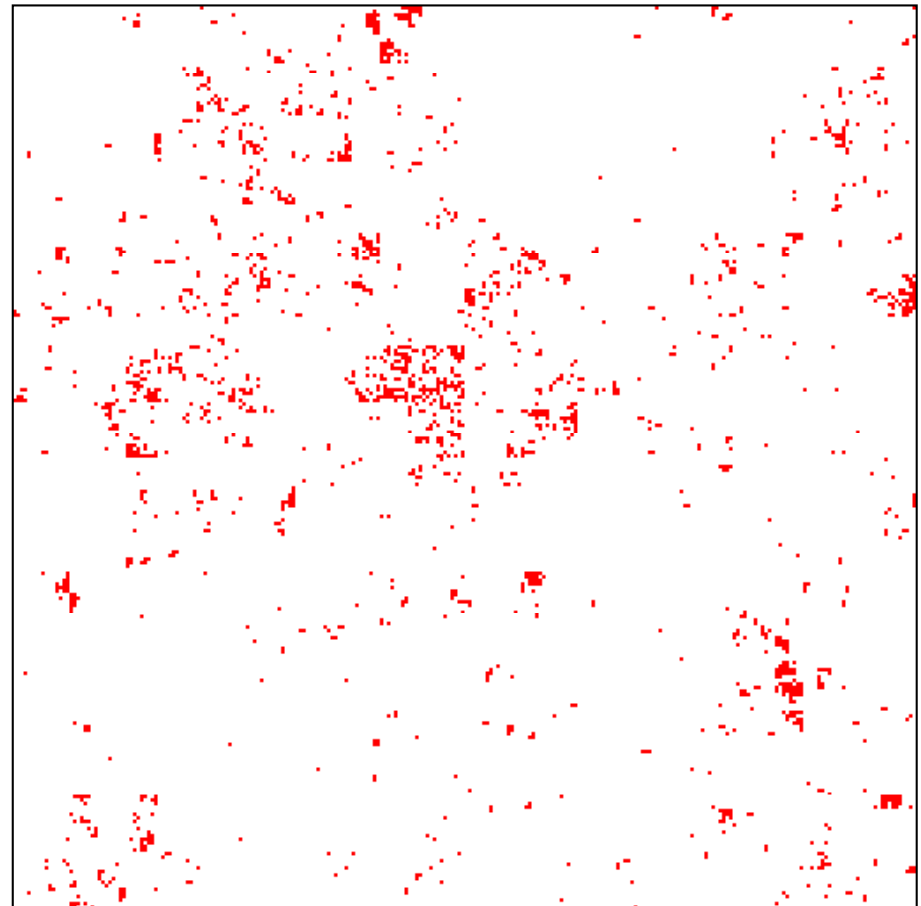
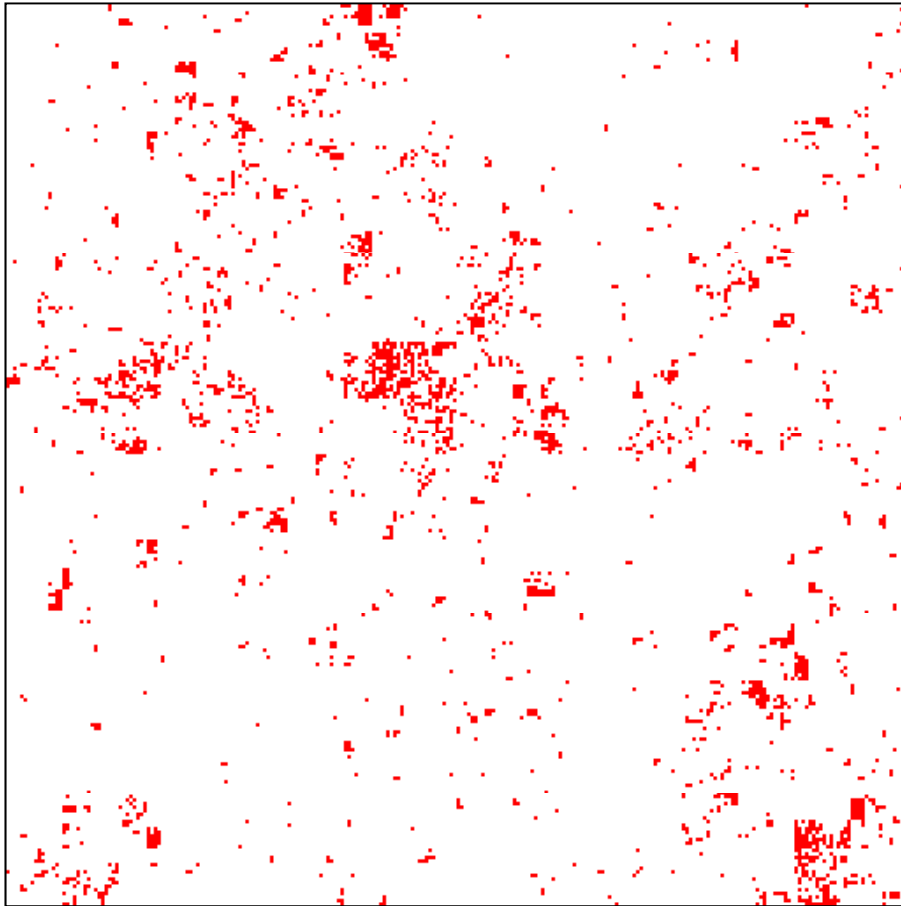
Lamb



Hilbert Visualisation- Chromosome 10

Foetal

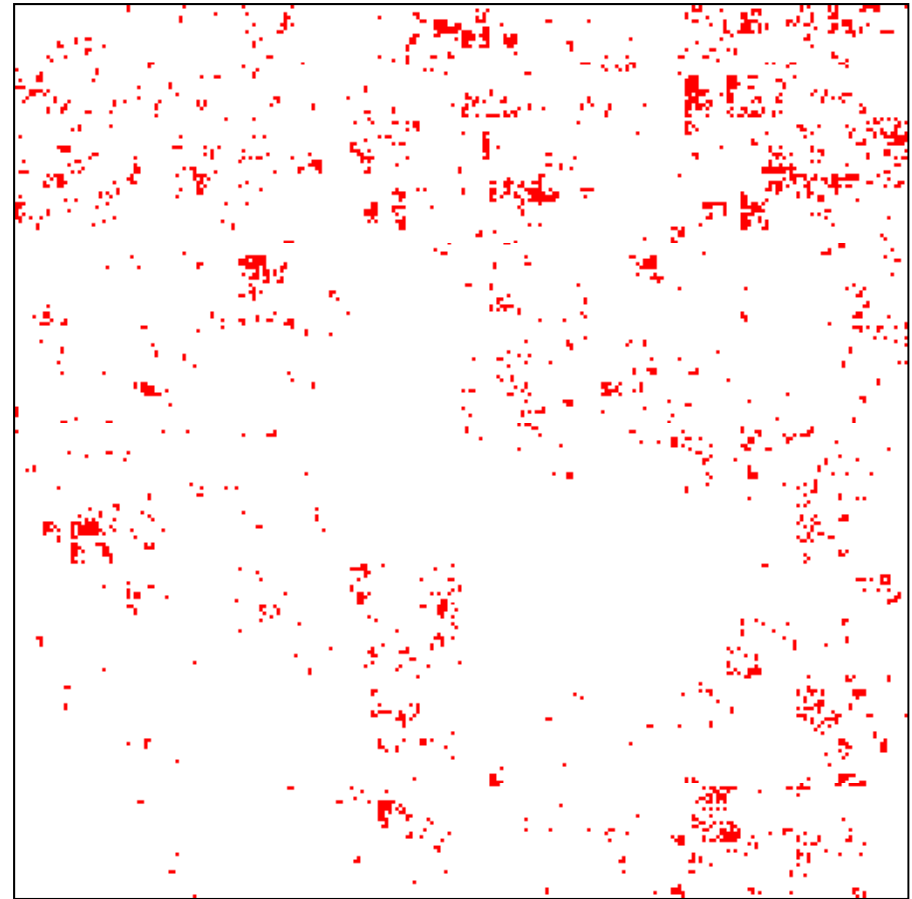
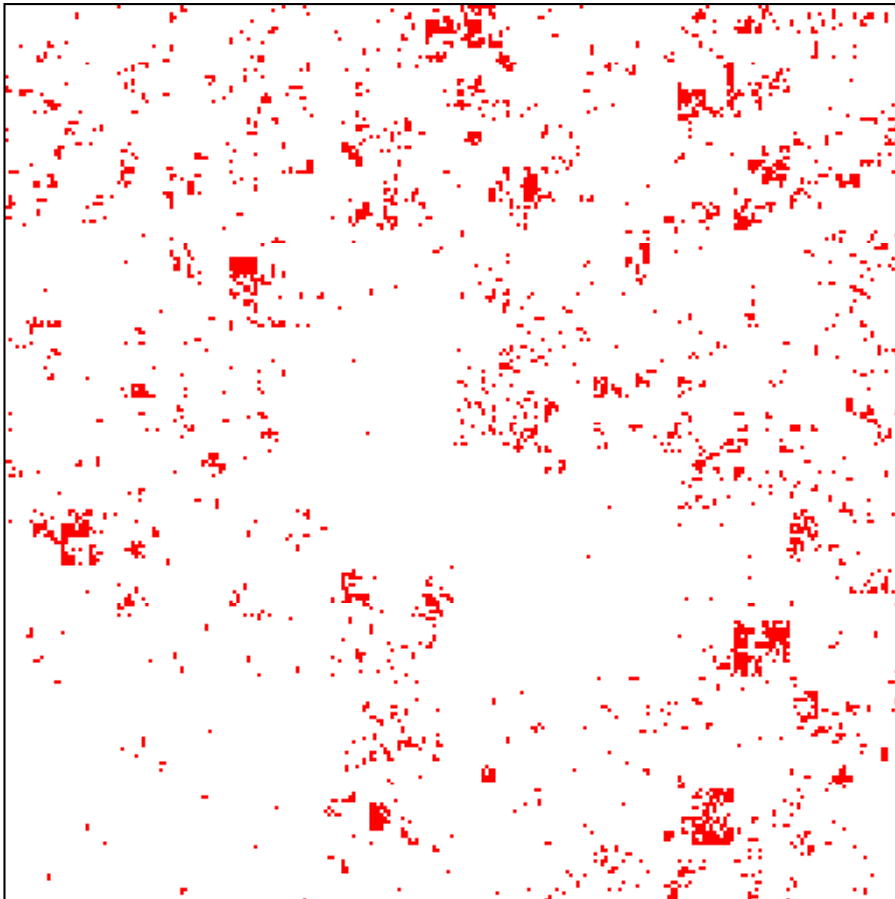
Lamb



Hilbert Visualisation- Chromosome 11

Foetal

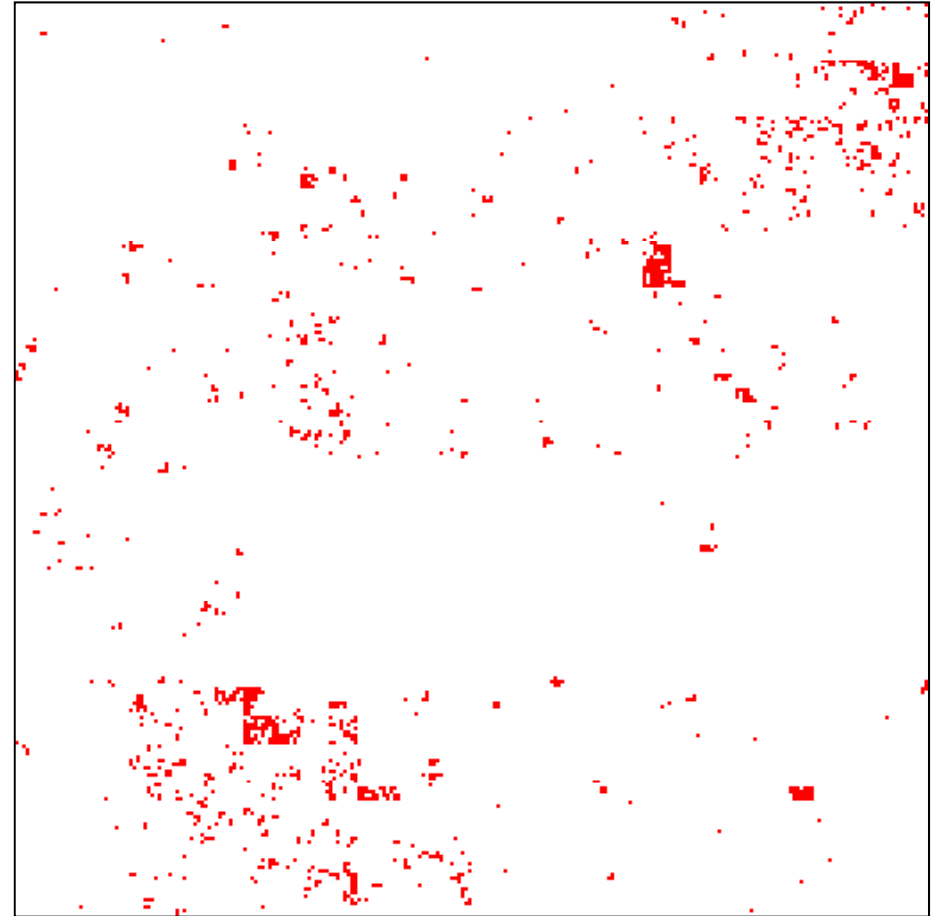
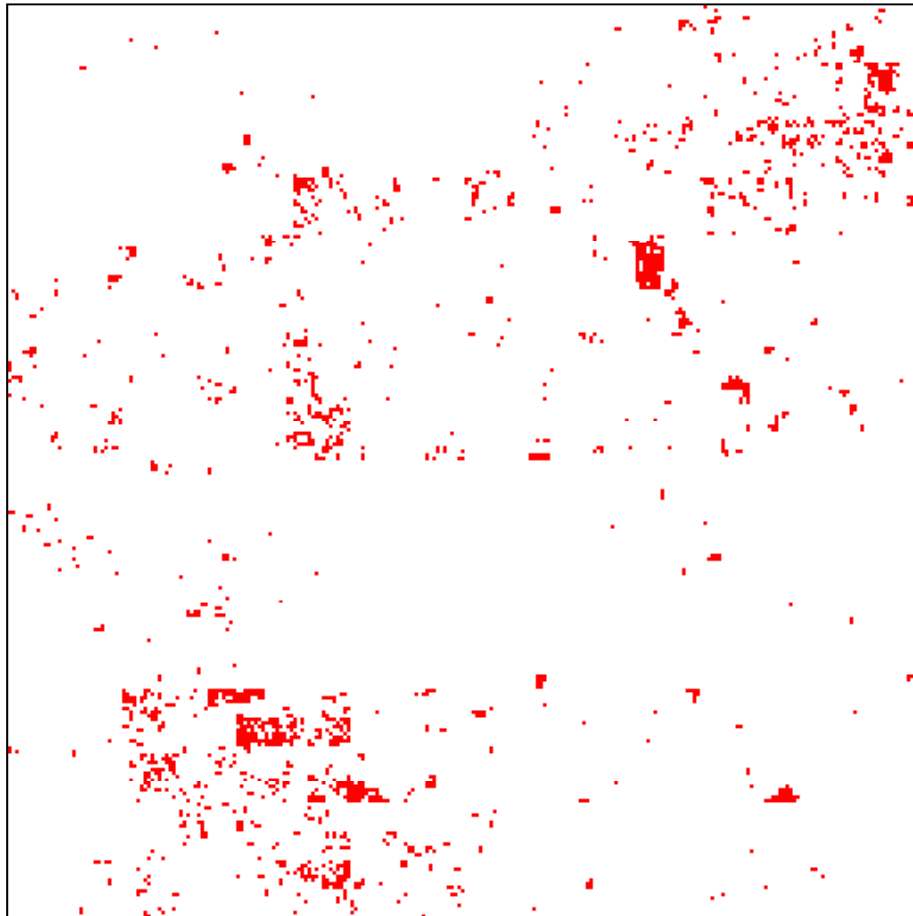
Lamb



Hilbert Visualisation- Chromosome 12

Foetal

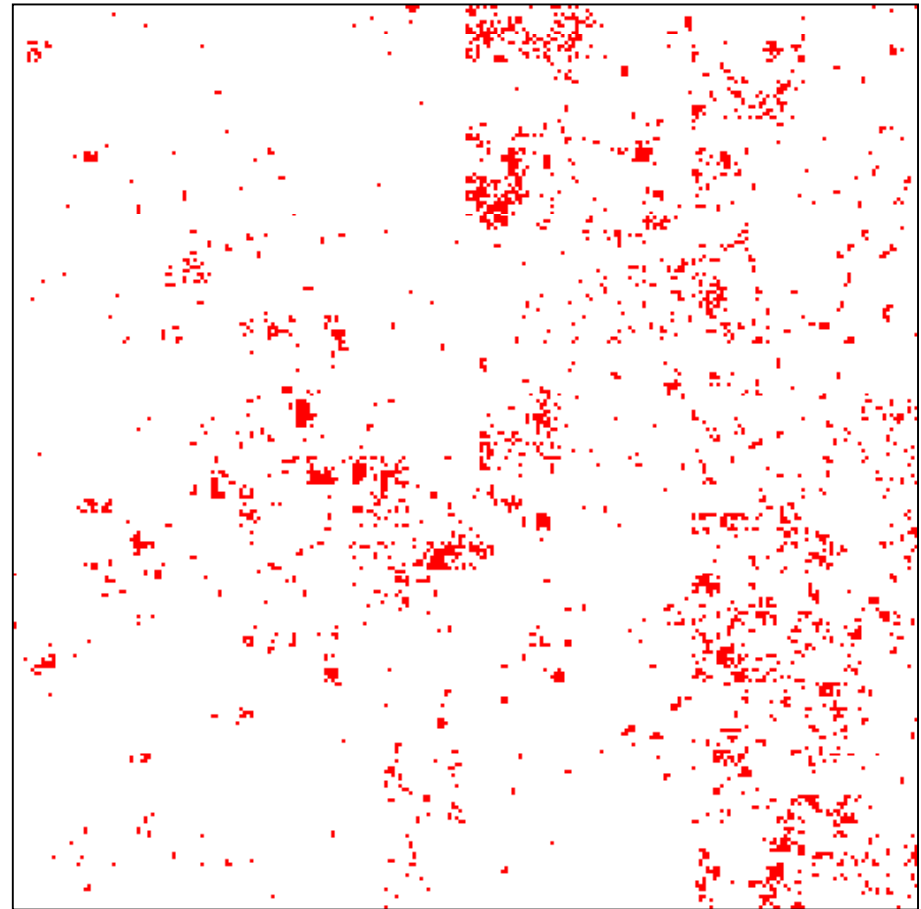
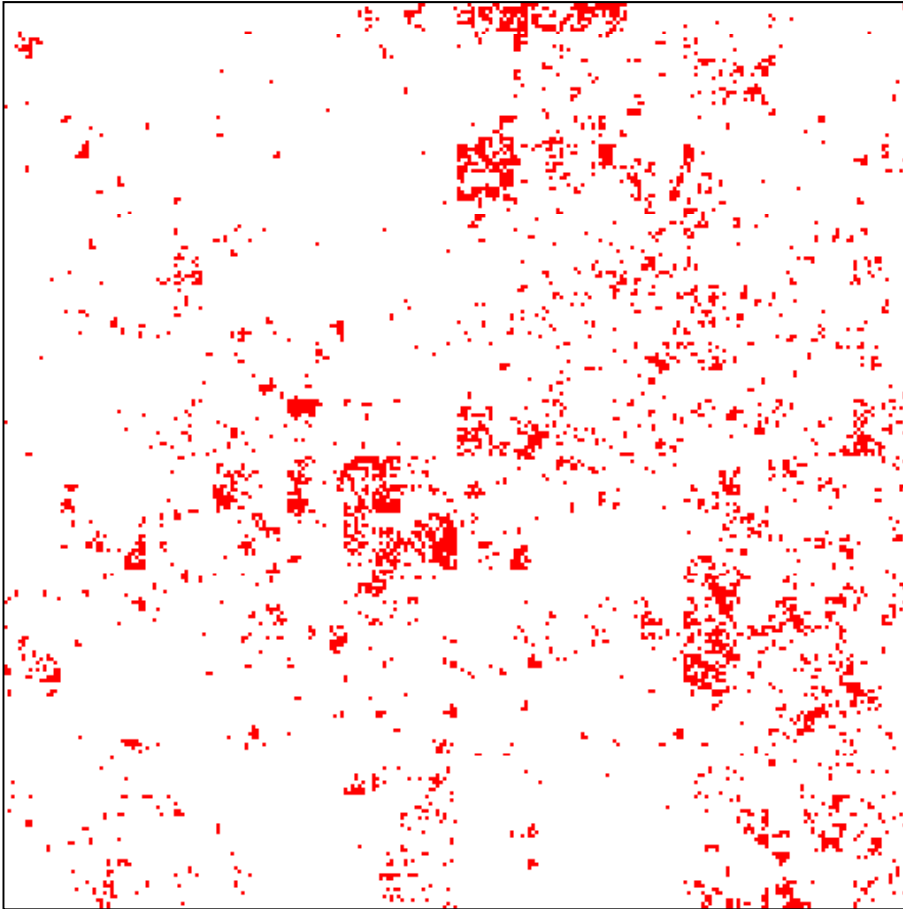
Lamb



Hilbert Visualisation- Chromosome 13

Foetal

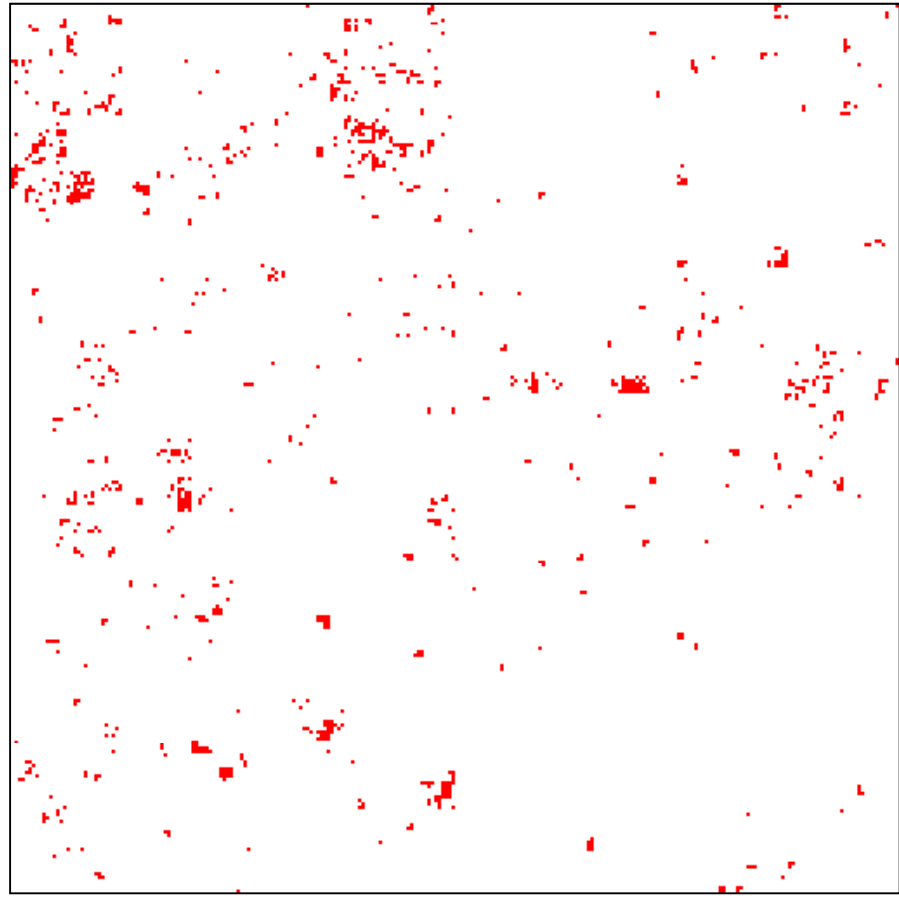
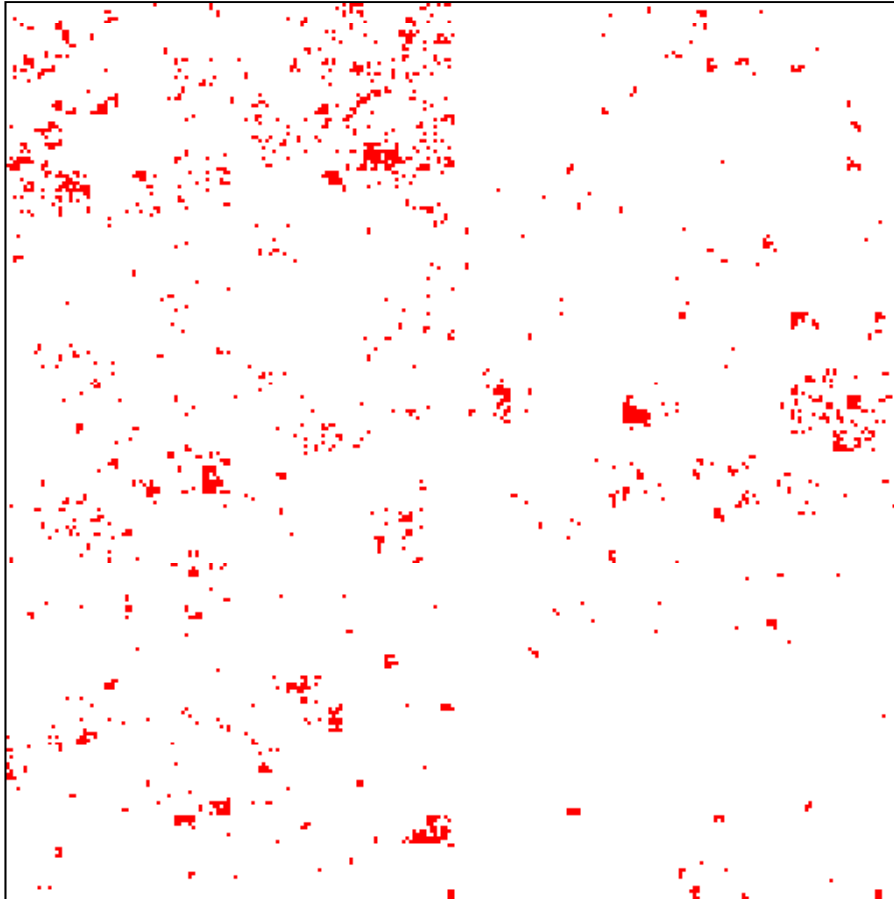
Lamb



Hilbert Visualisation- Chromosome 14

Foetal

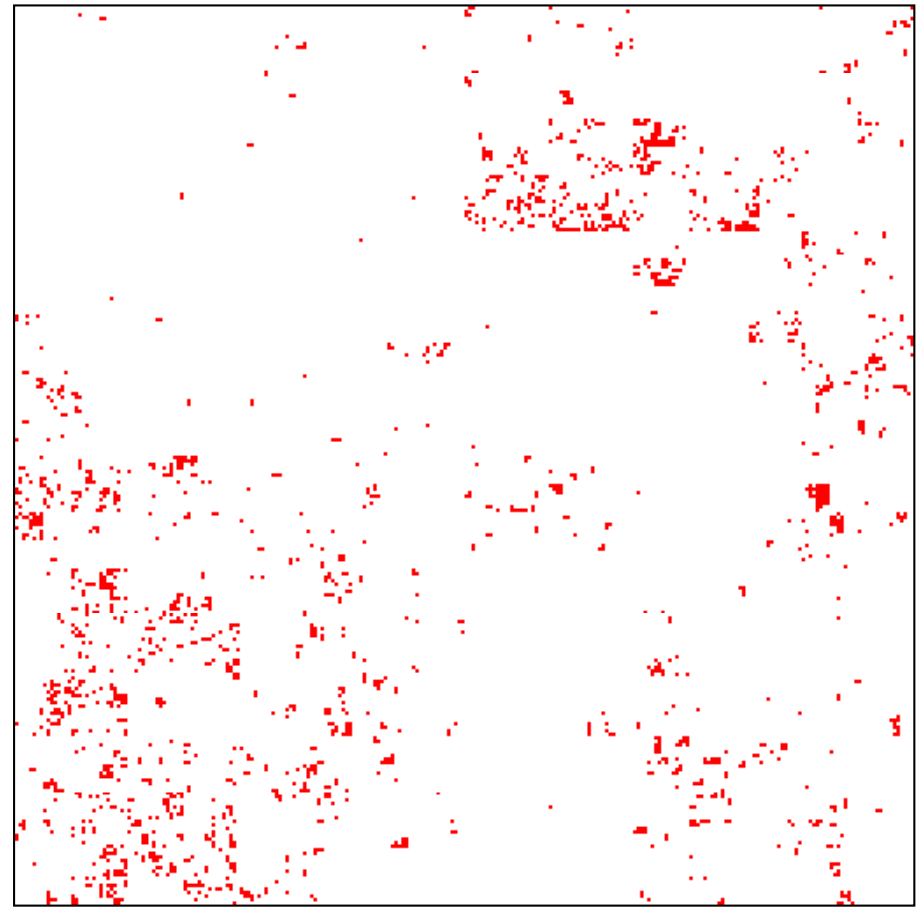
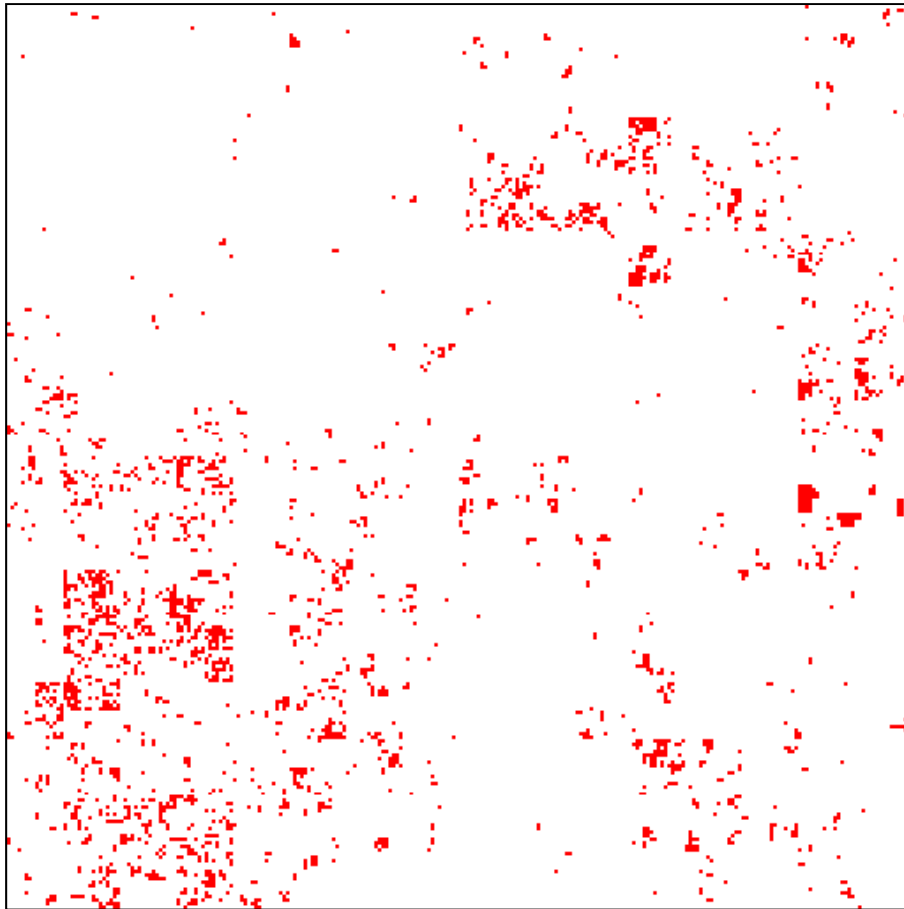
Lamb



Hilbert Visualisation- Chromosome 15

Foetal

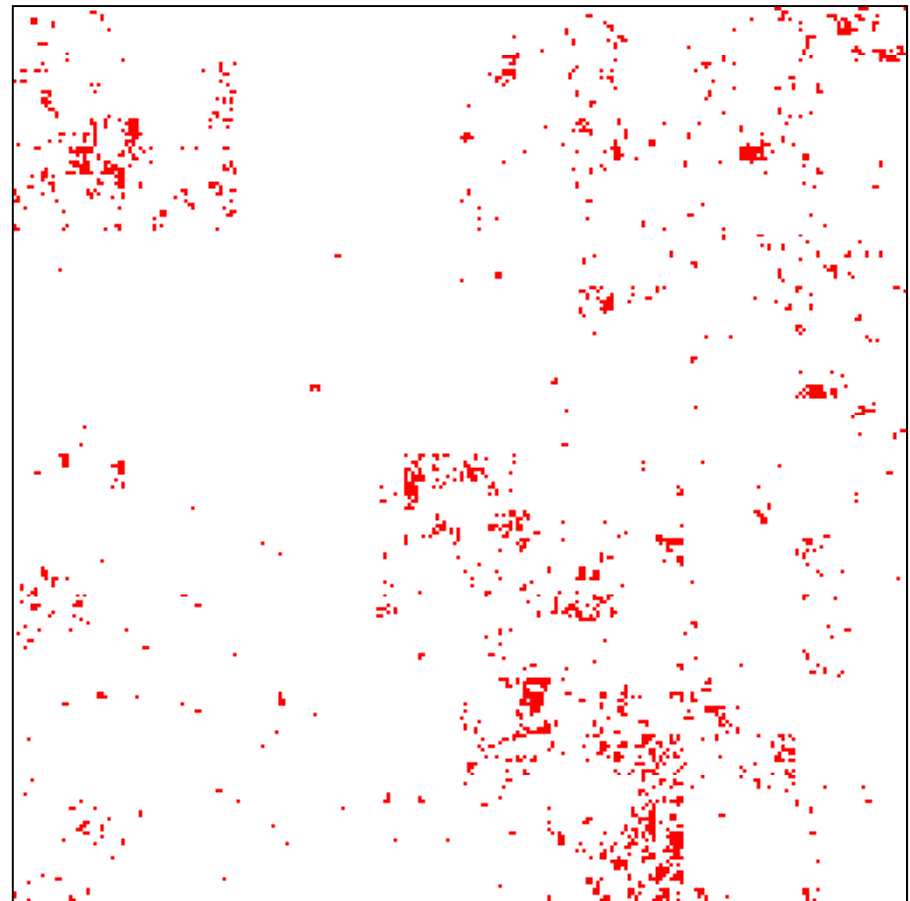
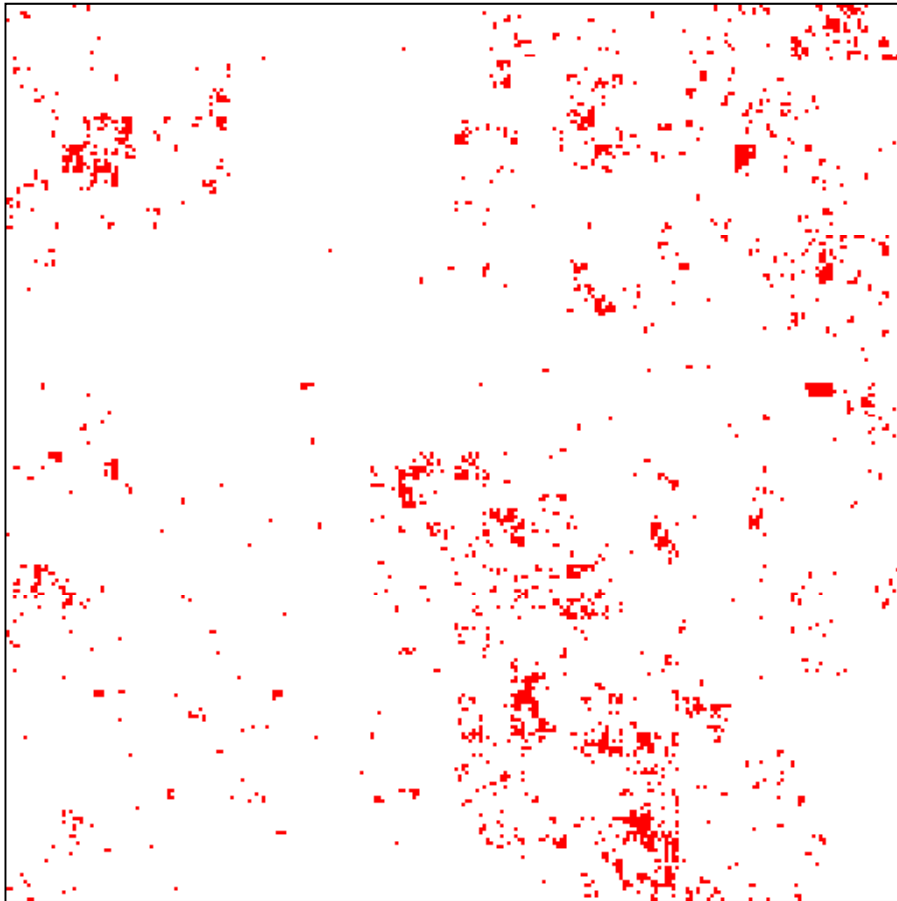
Lamb



Hilbert Visualisation- Chromosome 16

Foetal

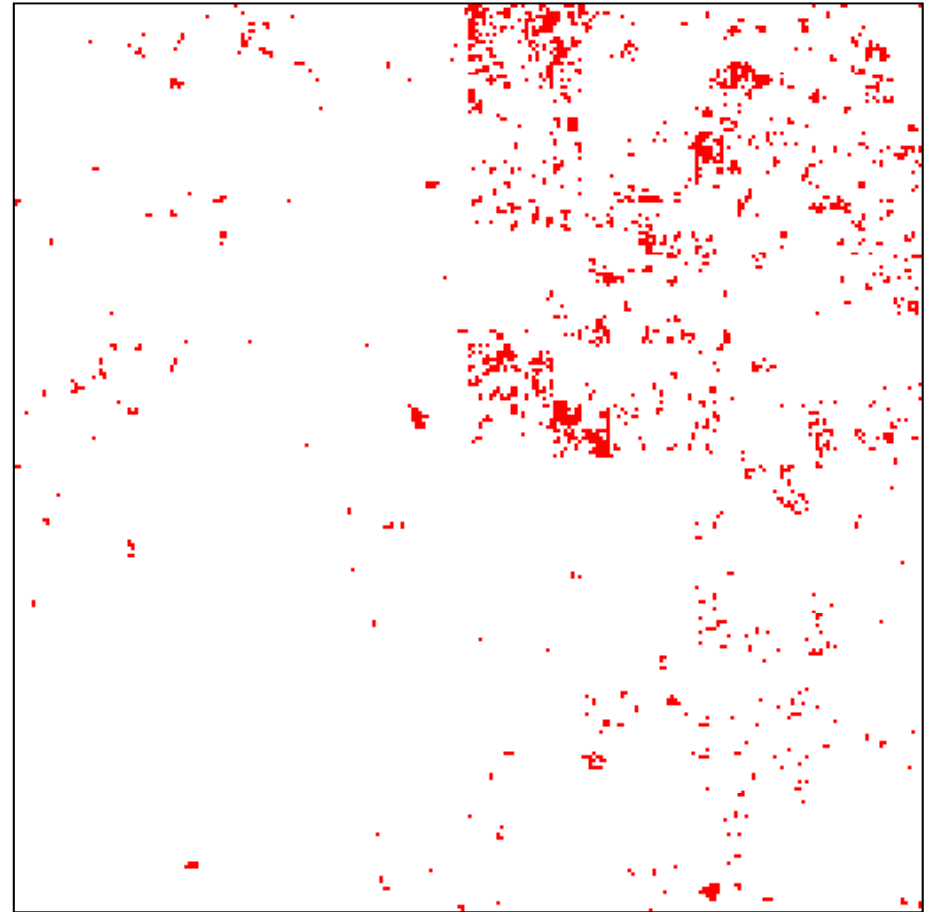
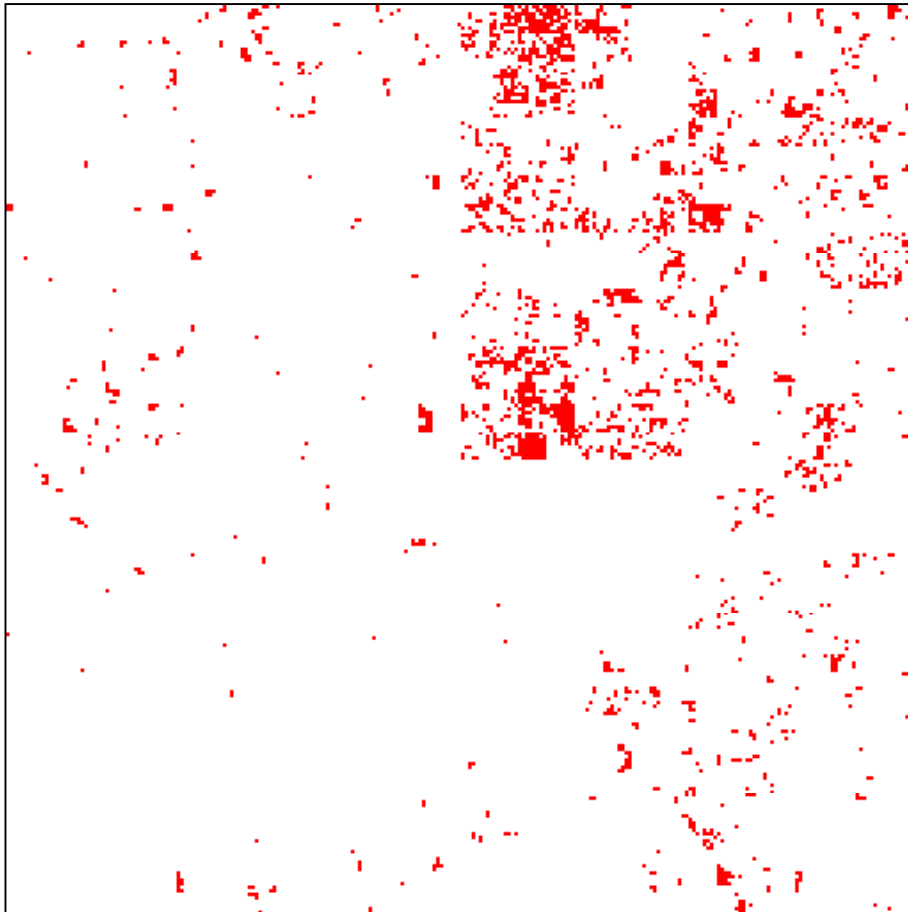
Lamb



Hilbert Visualisation- Chromosome 17

Foetal

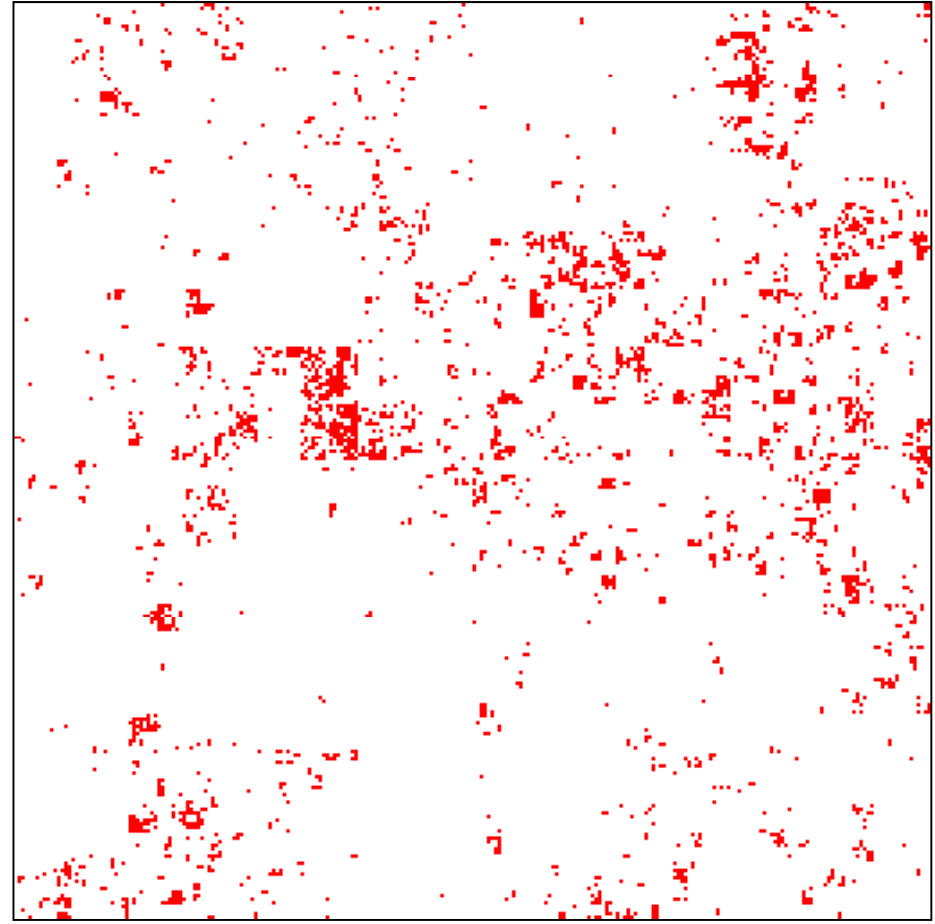
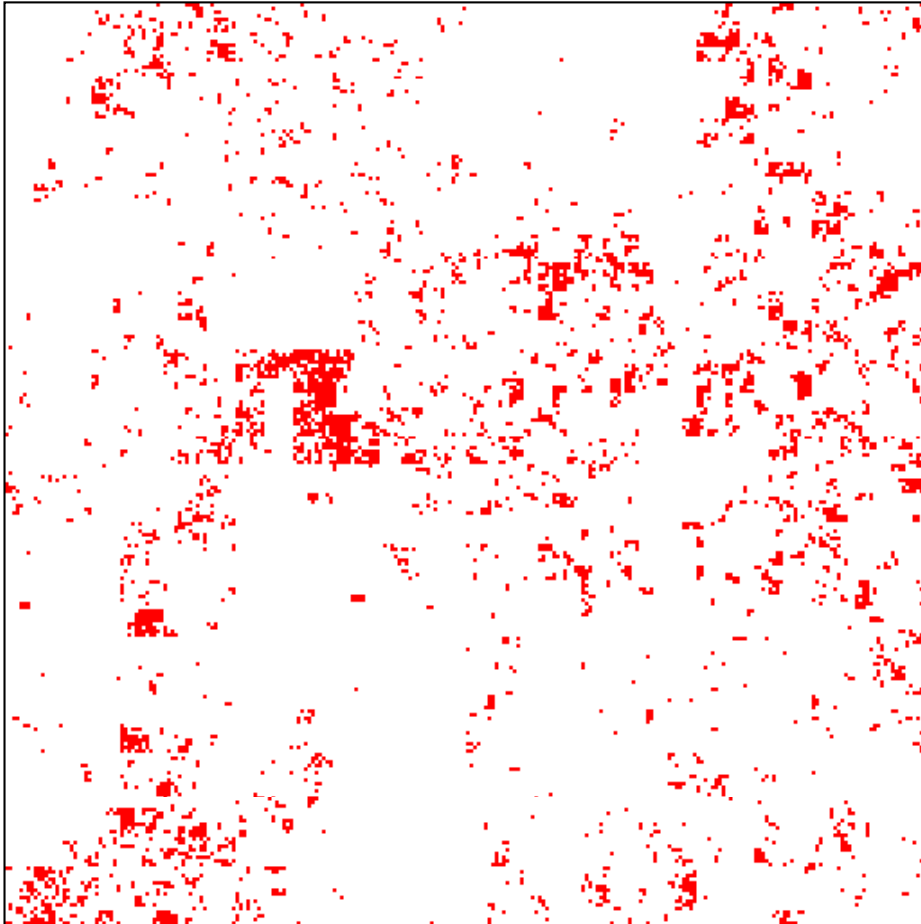
Lamb



Hilbert Visualisation- Chromosome 18

Foetal

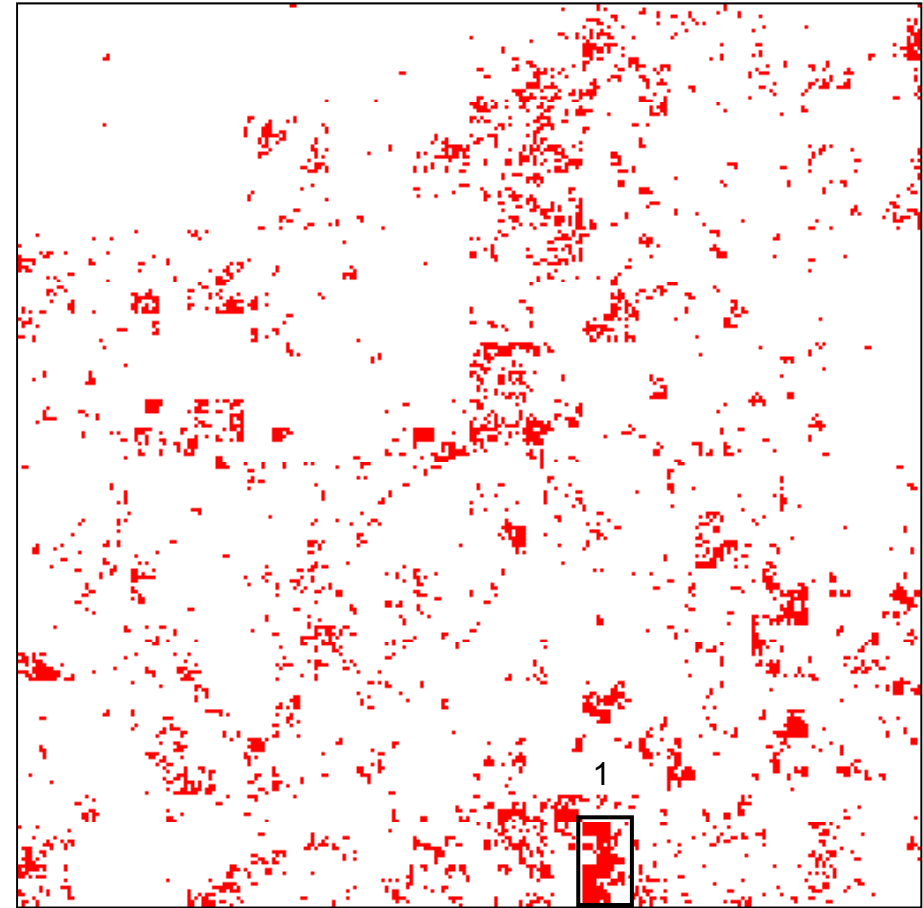
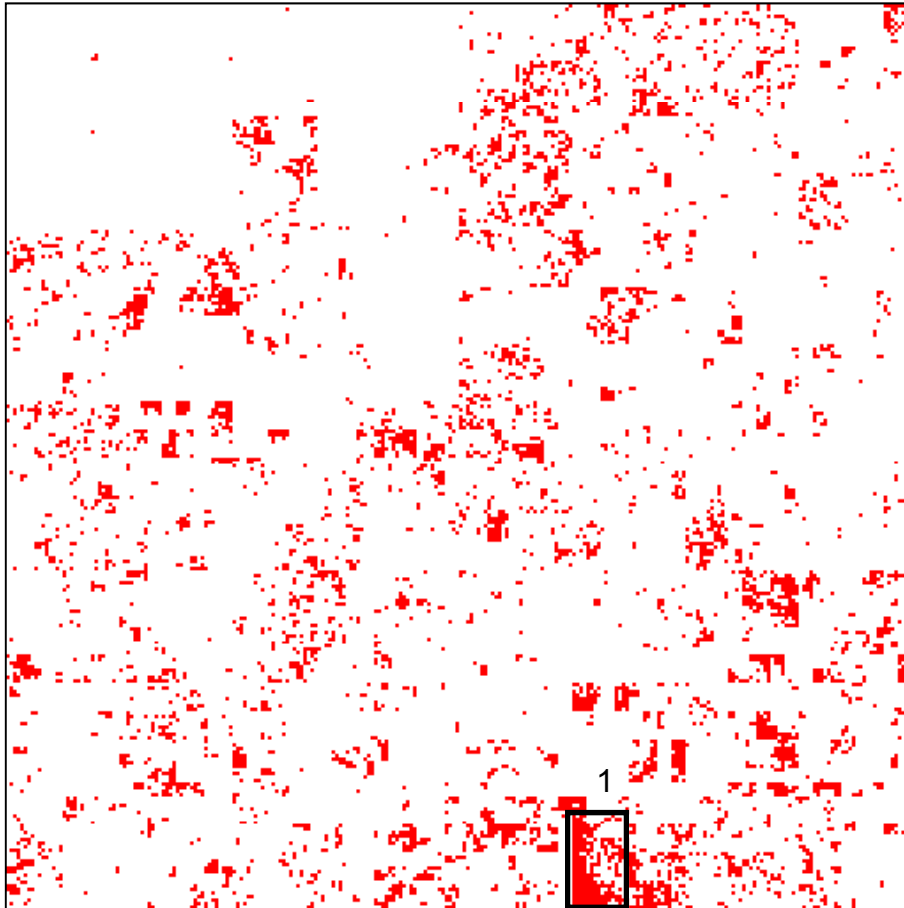
Lamb



Hilbert Visualisation- Chromosome 19

Foetal

Lamb

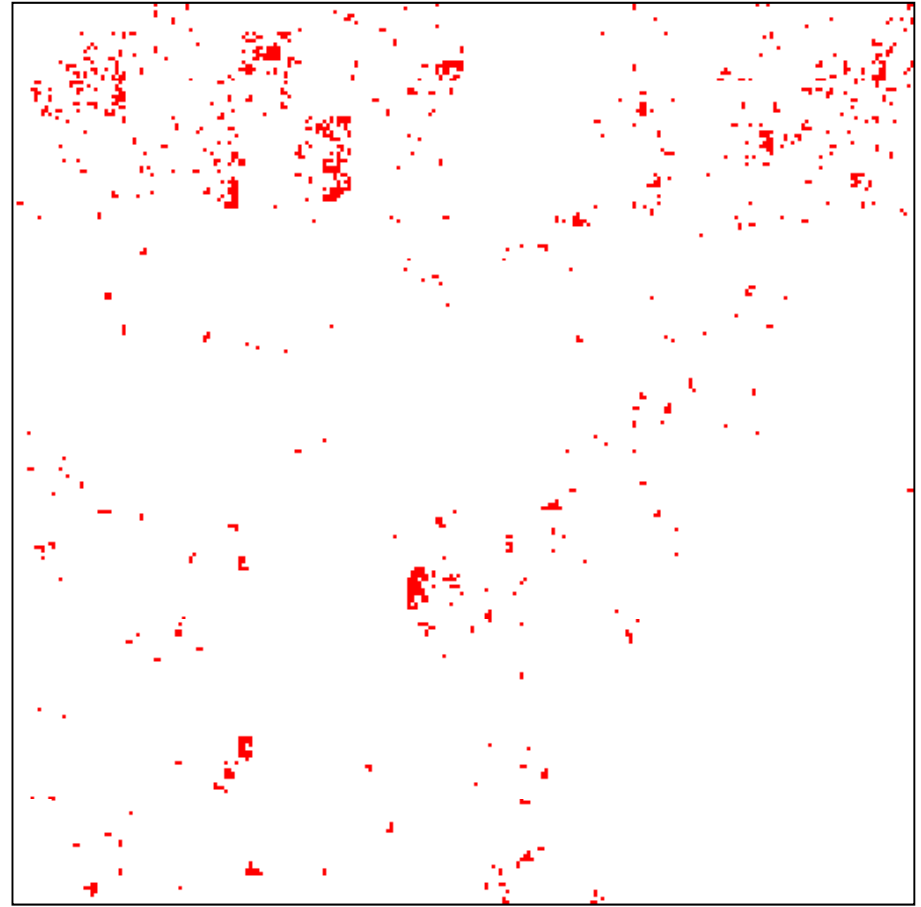
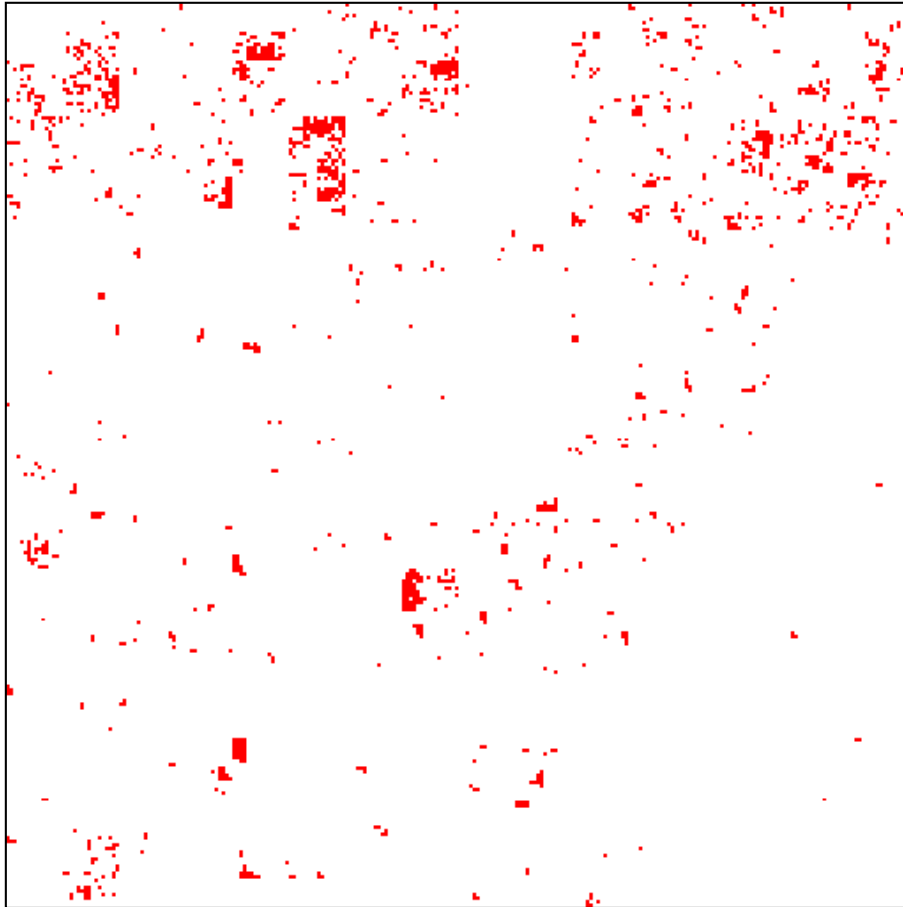


¹HOXB loci (HOXB7, HOXB4, HOXB3)

Hilbert Visualisation- Chromosome 20

Foetal

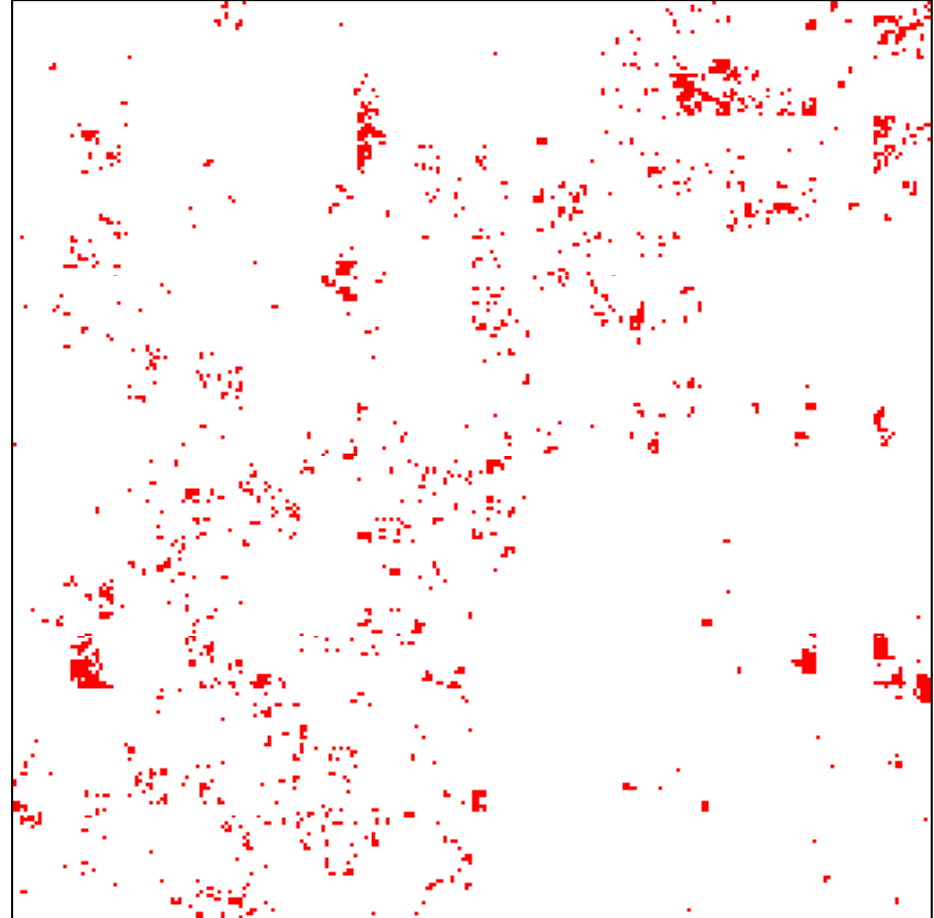
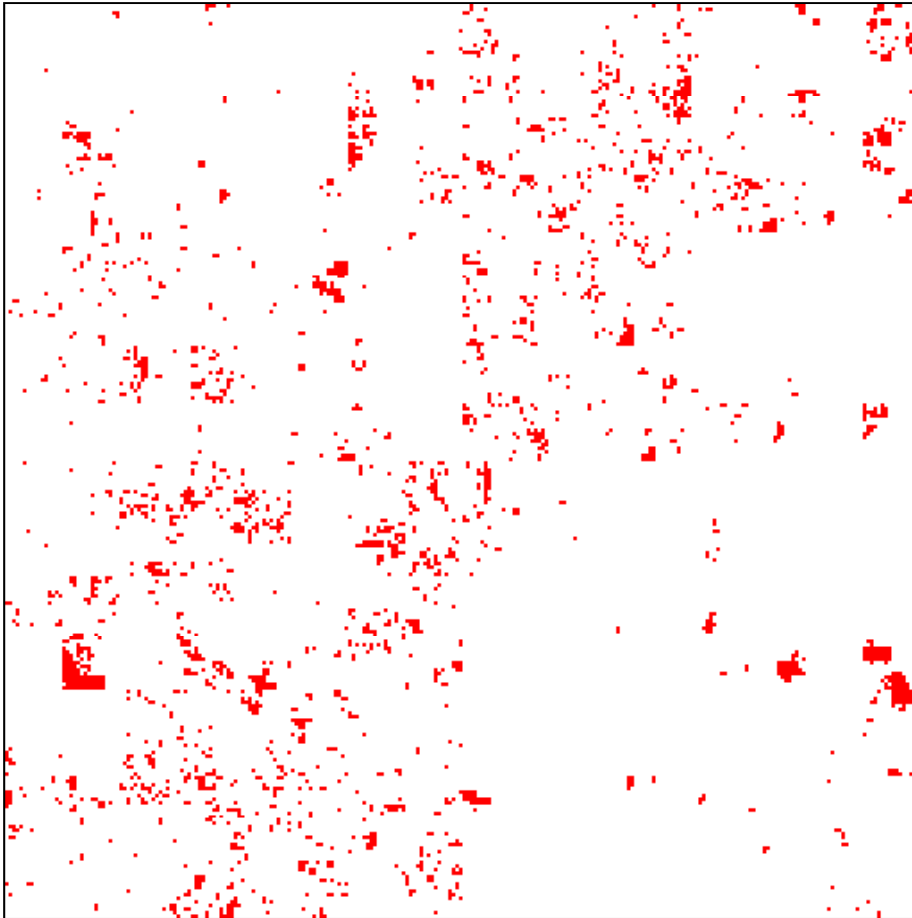
Lamb



Hilbert Visualisation- Chromosome 21

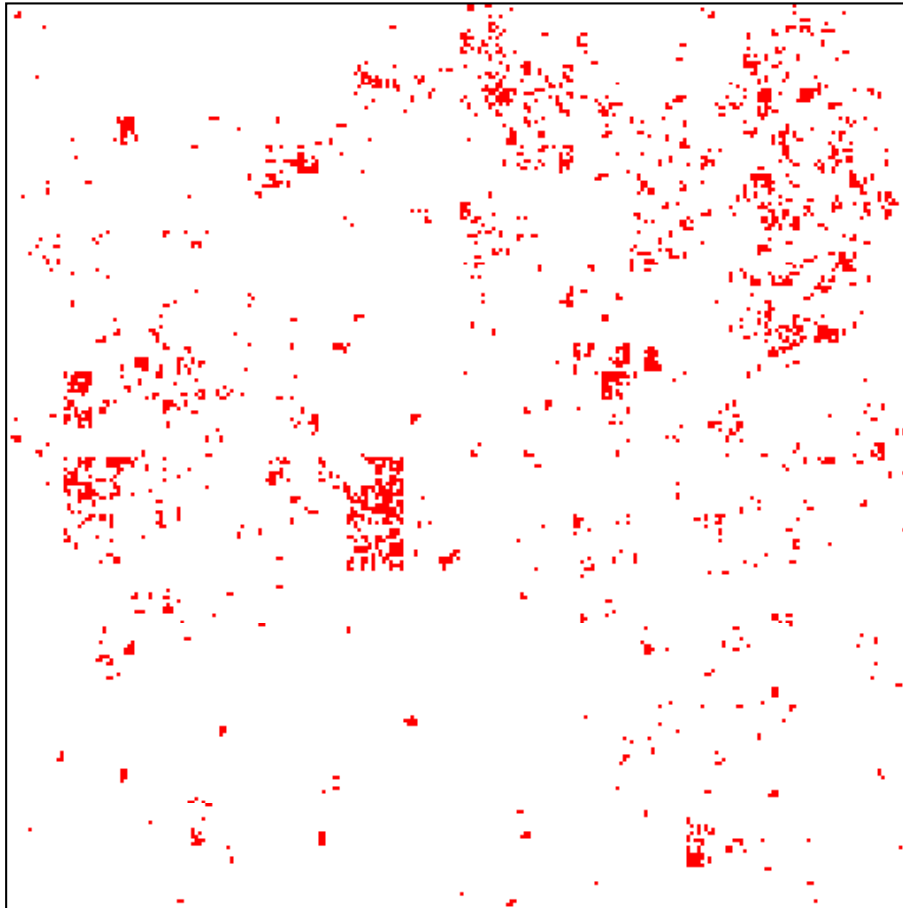
Foetal

Lamb

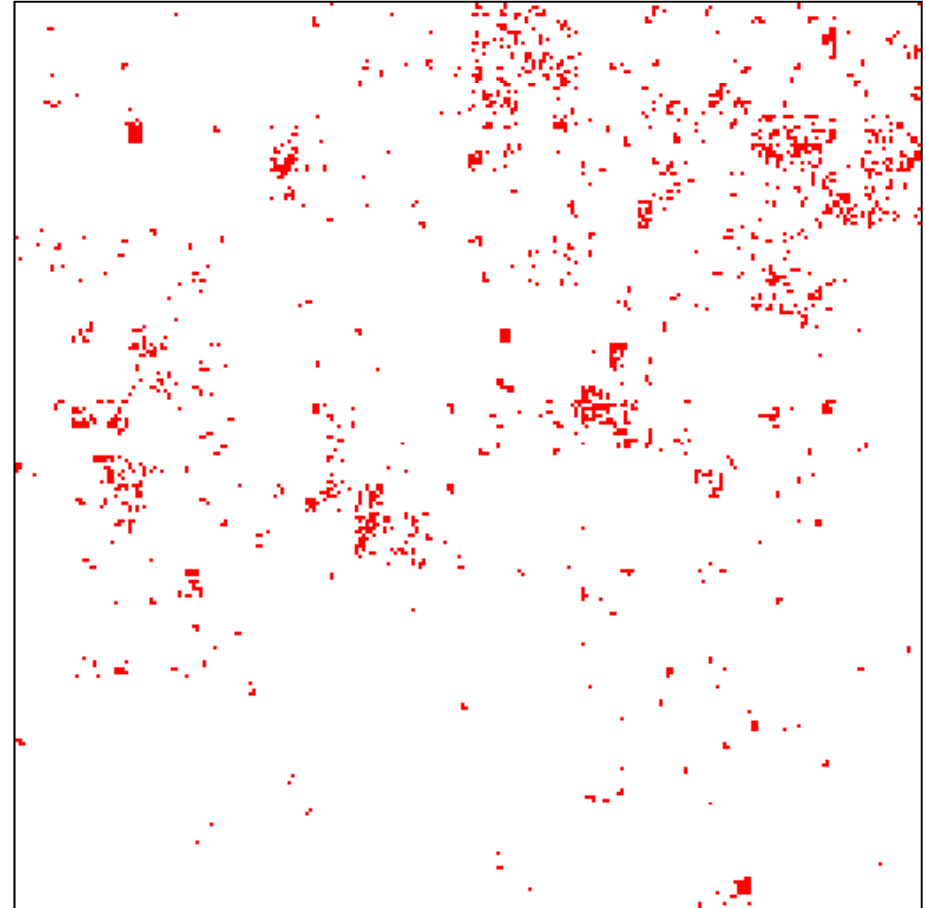


Hilbert Visualisation- Chromosome 22

Foetal



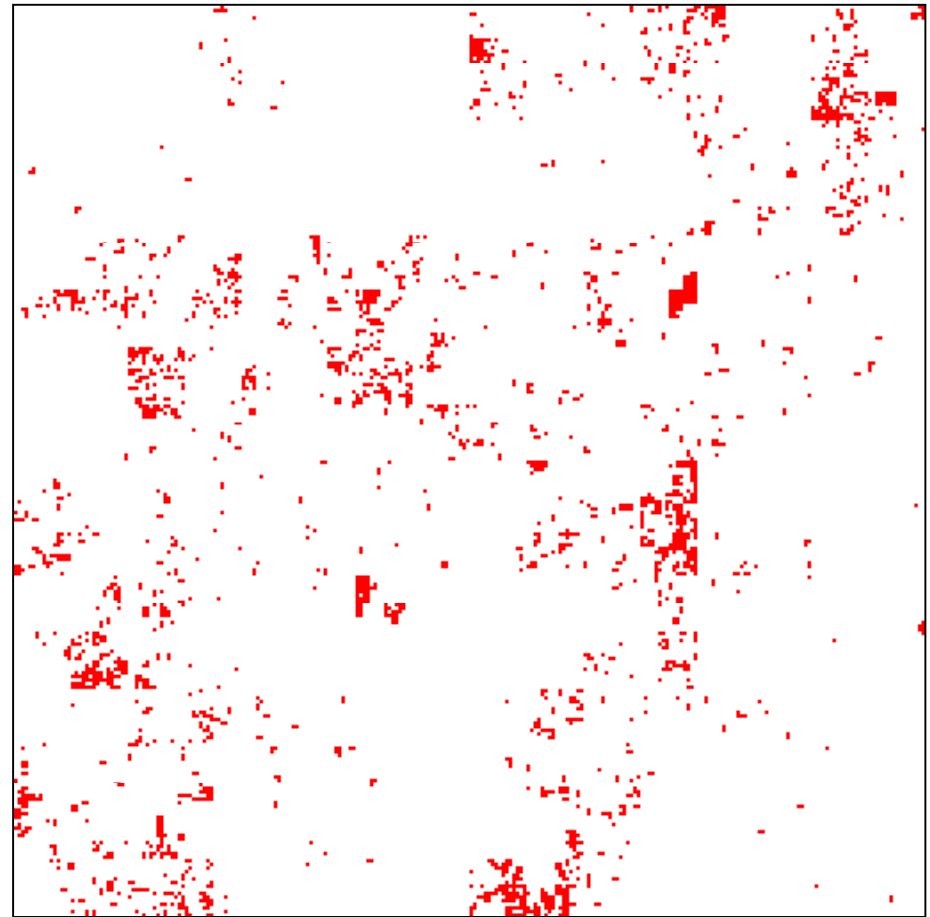
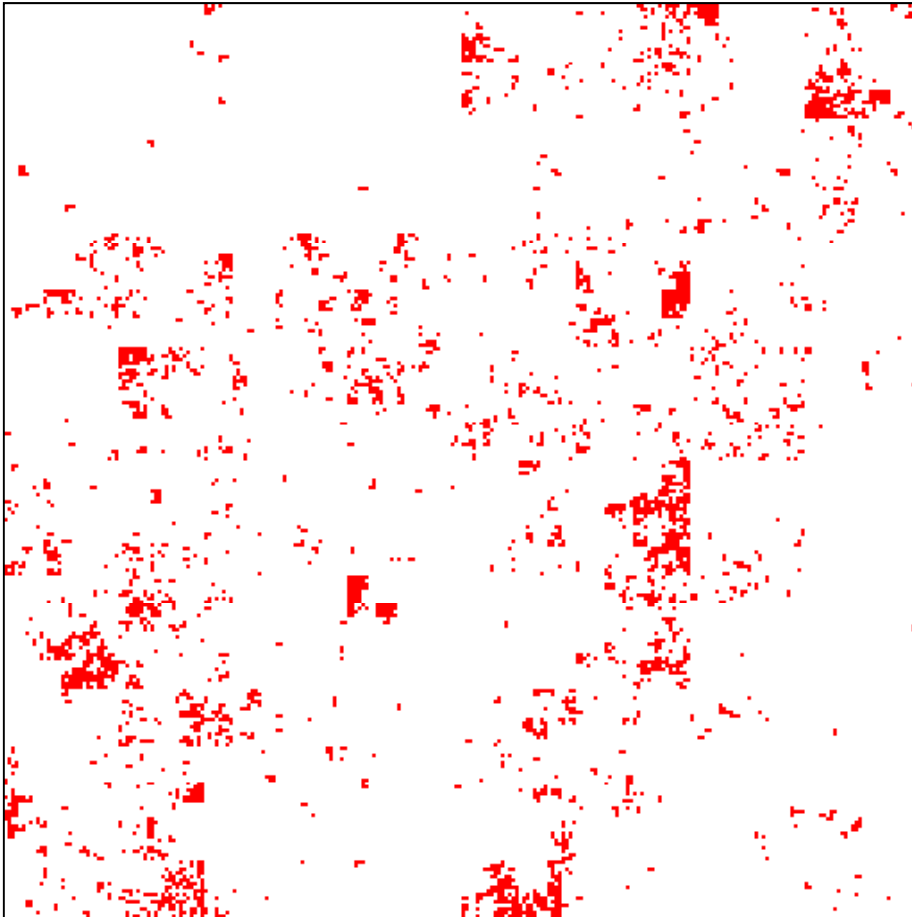
Lamb



Hilbert Visualisation- Chromosome 23

Foetal

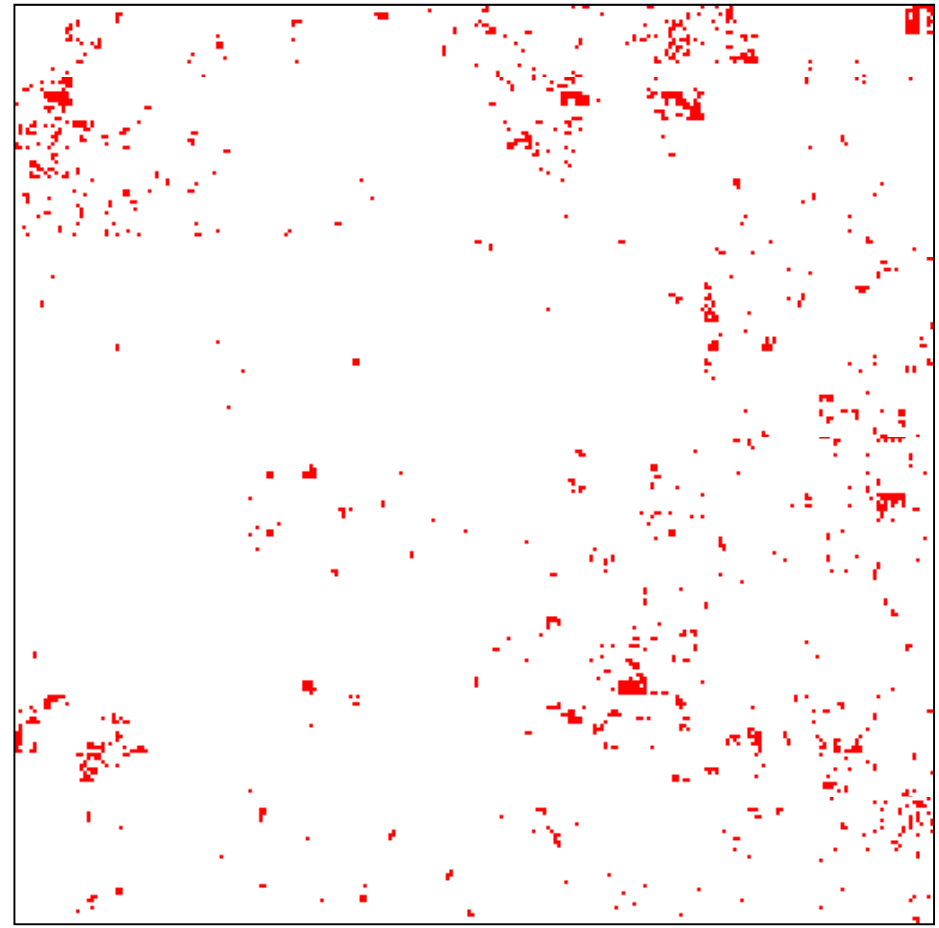
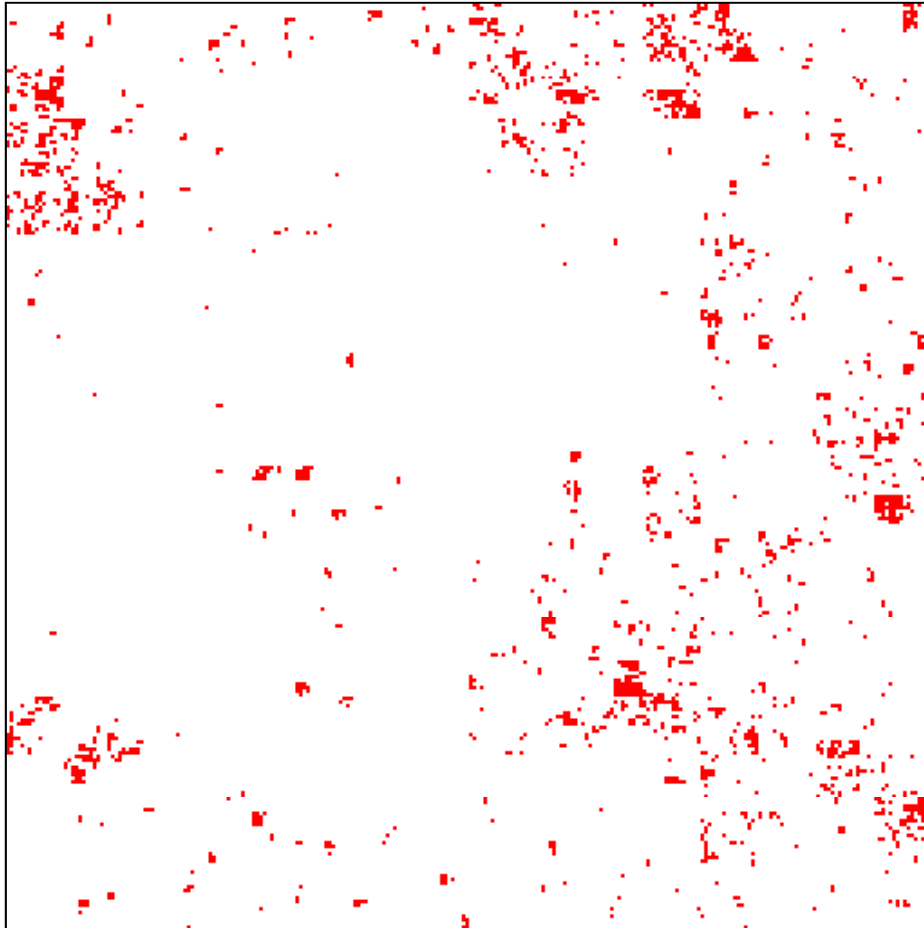
Lamb



Hilbert Visualisation- Chromosome 24

Foetal

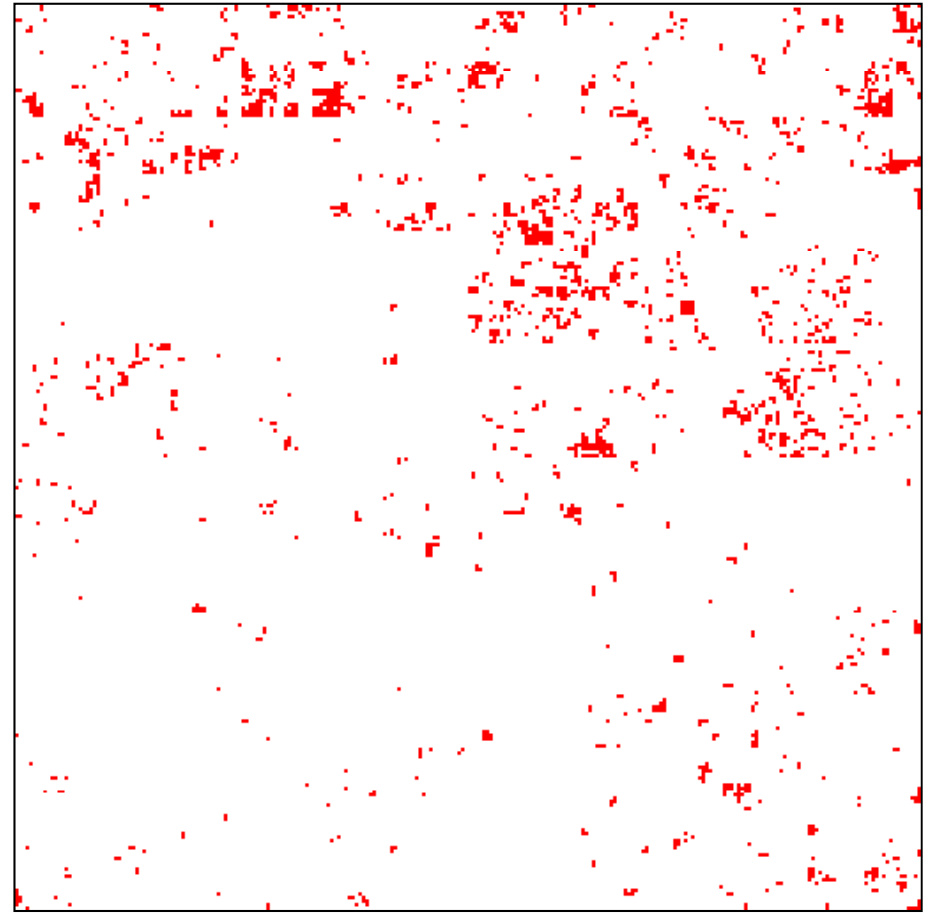
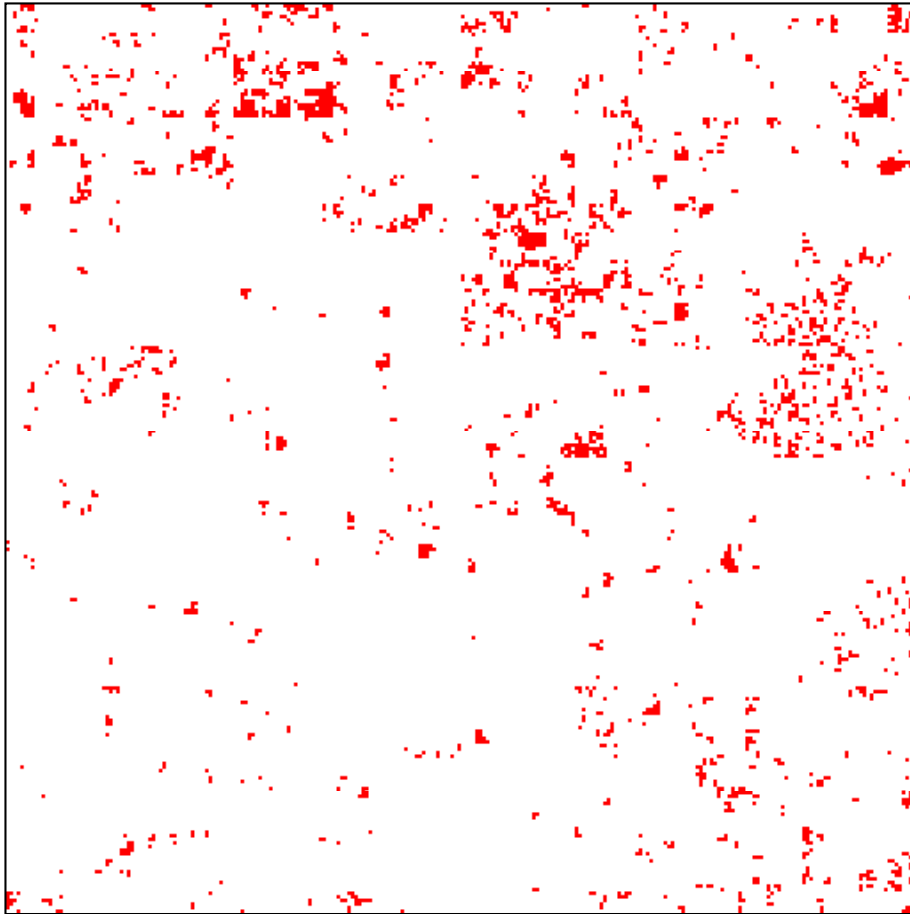
Lamb



Hilbert Visualisation- Chromosome 25

Foetal

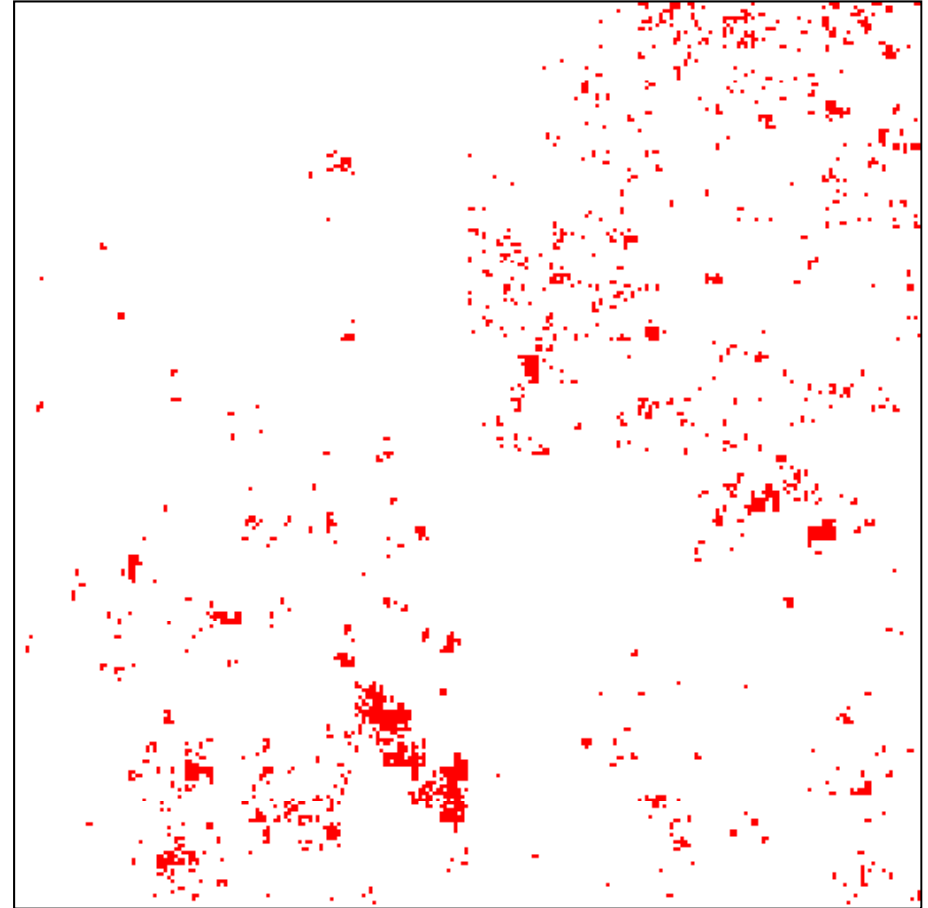
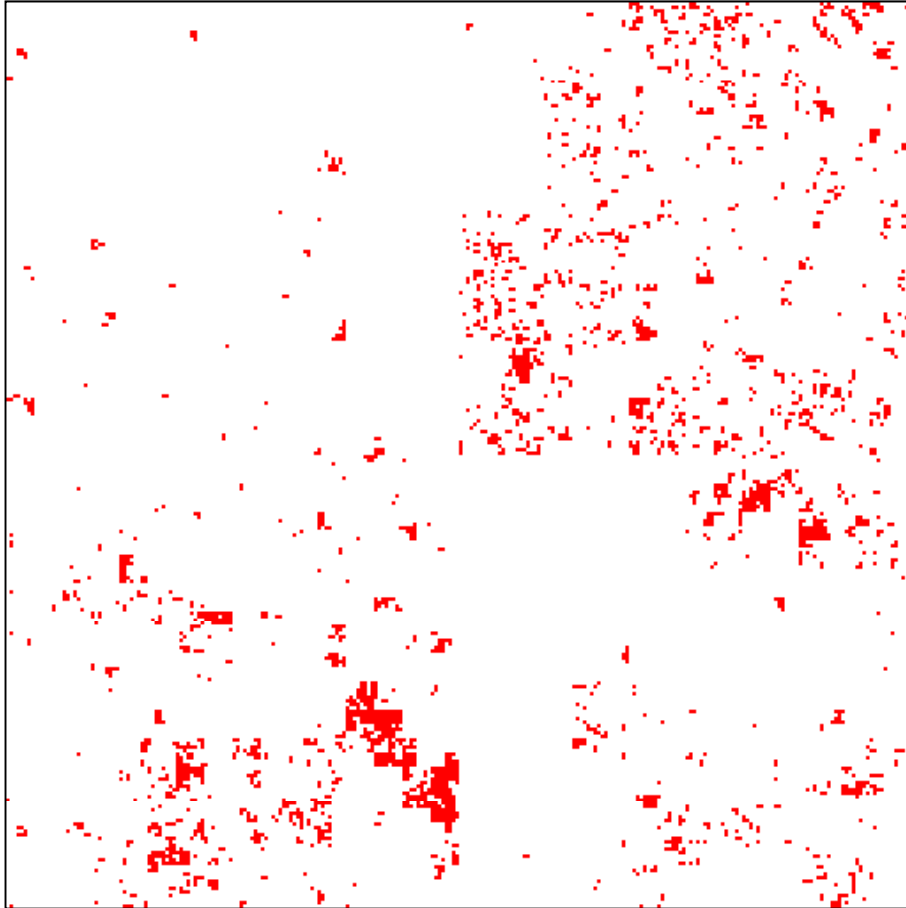
Lamb



Hilbert Visualisation- Chromosome 26

Foetal

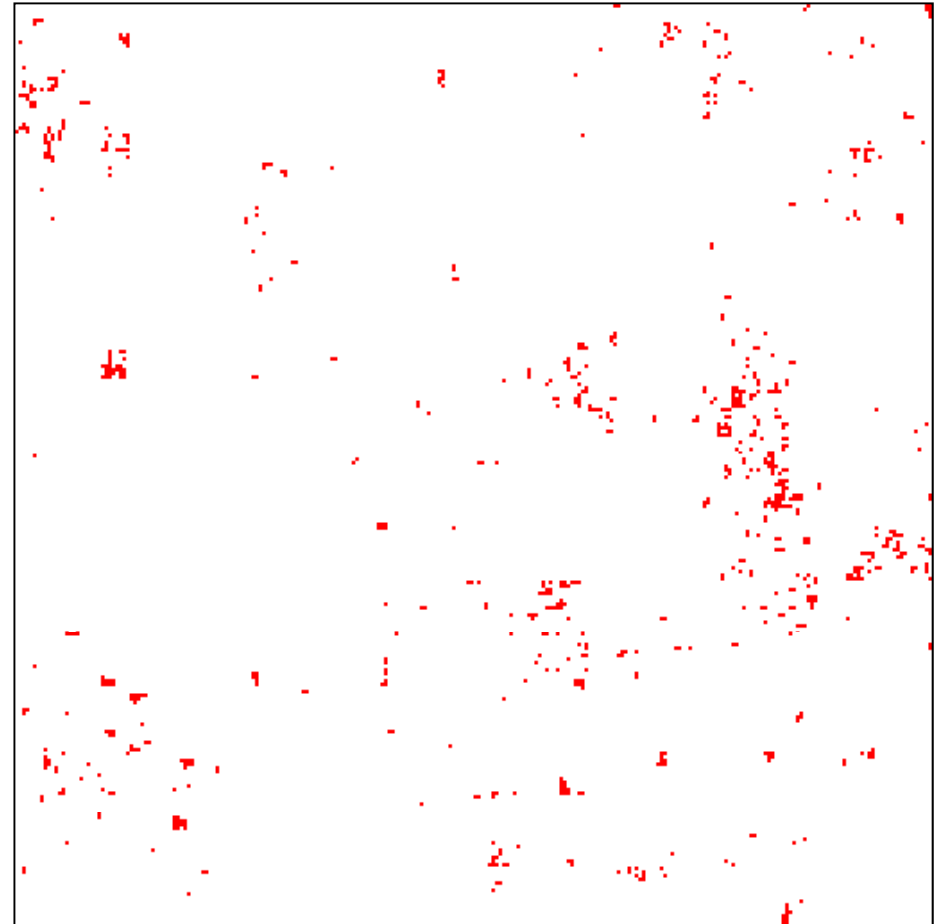
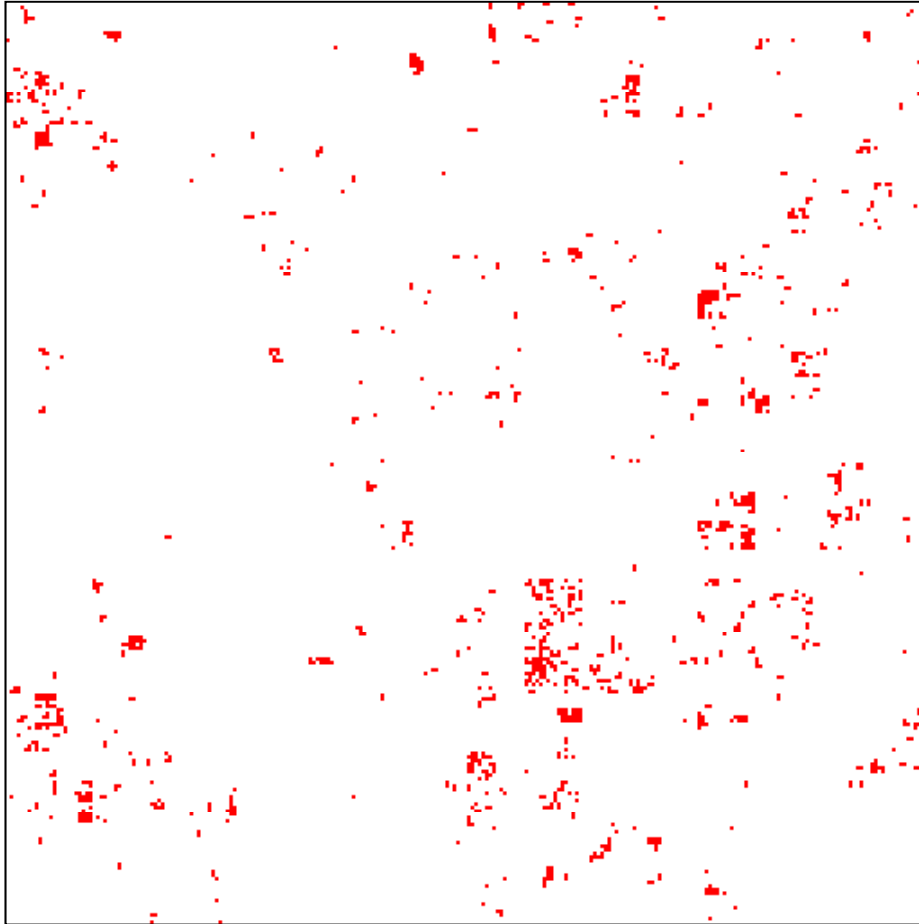
Lamb



Hilbert Visualisation- Chromosome 27

Foetal

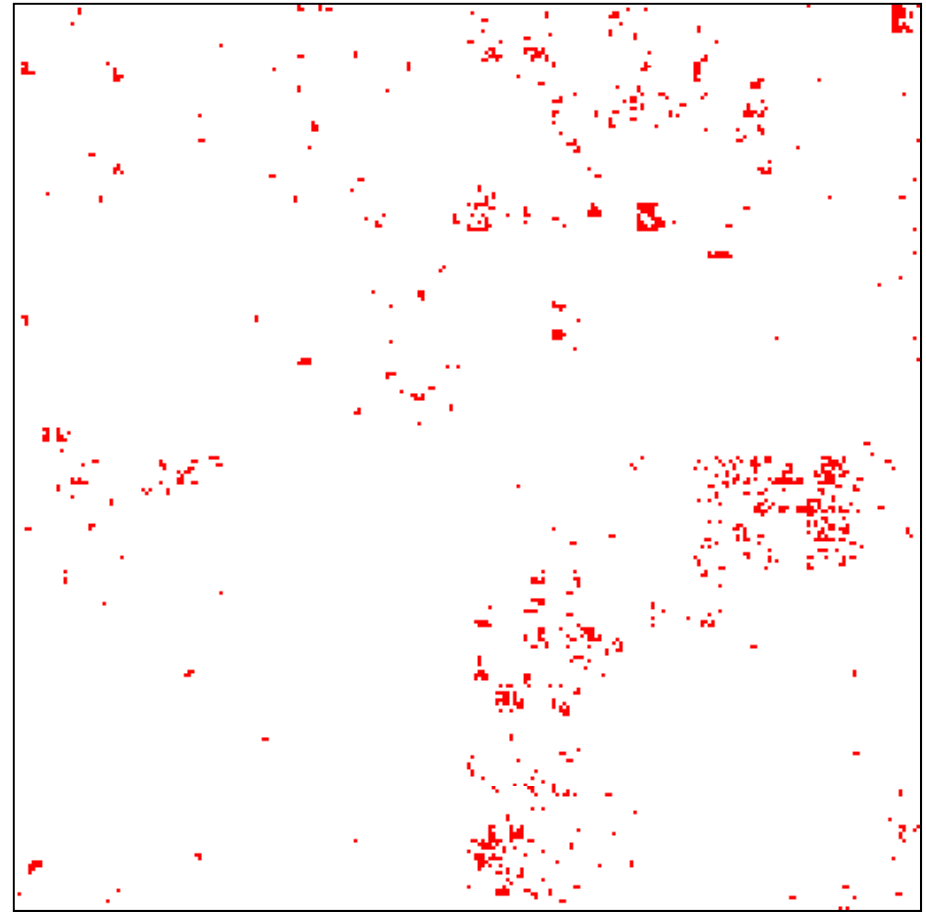
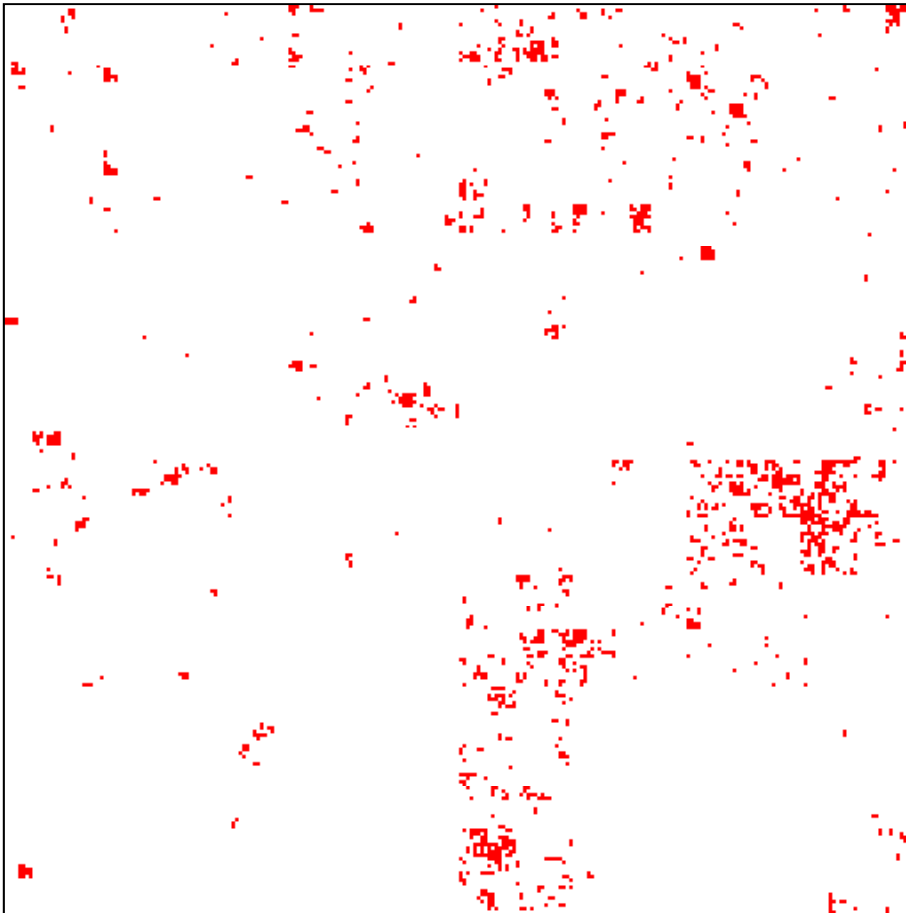
Lamb



Hilbert Visualisation- Chromosome 28

Foetal

Lamb



Hilbert Visualisation- Chromosome 29

Foetal

Lamb

