

Mother 37165 / trio 1

Assemblage

Données :

Runs 1, 2, 3 (157.7G)

Temps de traitement :

231H38M

BUSCO :

49.5%[S:49.2%,D:0.3%],F:25.0%,M:25.5%

N50:

22.95 Mb

Polishing Long-reads

Données :

Runs 1, 2, 3 (157.7G)

Temps de traitement :

~ 80 Heures

BUSCO :

82.7%[S:81.8%,D:0.9%],F:9.9%,M:7.4%

N50:

23.75 Mb

Polishing Short-reads

Données :

Runs 1, 2, 3, 4 (133.2G)

Temps de traitement :

~ 40 Heures

BUSCO :

94.9%[S:93.5%,D:1.4%],F:3.0%,M:2.1%

N50:

23.79 Mb

Splitting

Données :

Runs 1, 2, 3 (157.7G)

Temps de traitement :

~ 20 Heures

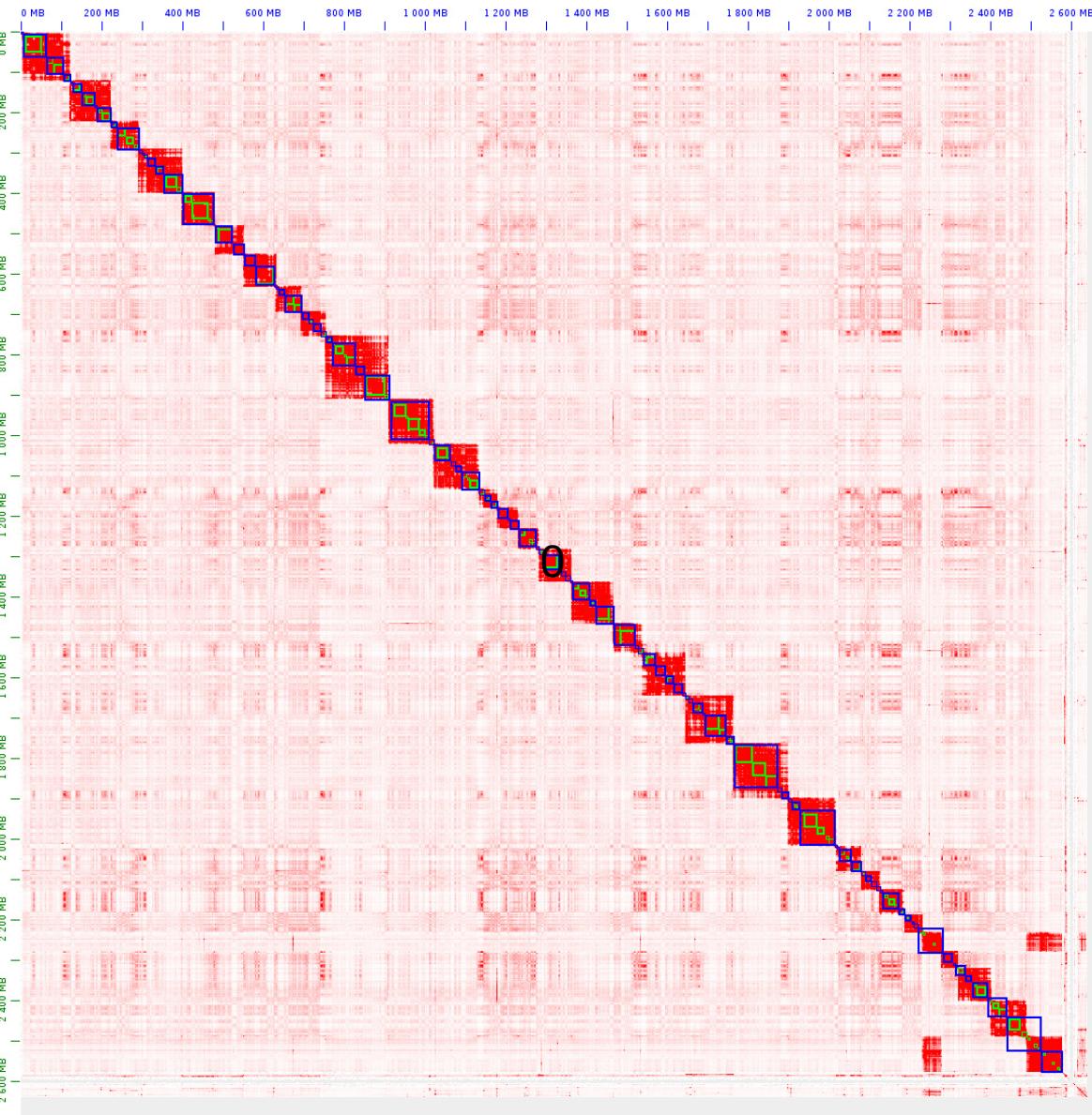
BUSCO :

93.5%[S:92.1%,D:1.4%],F:4.6%,M:1.9%

N50:

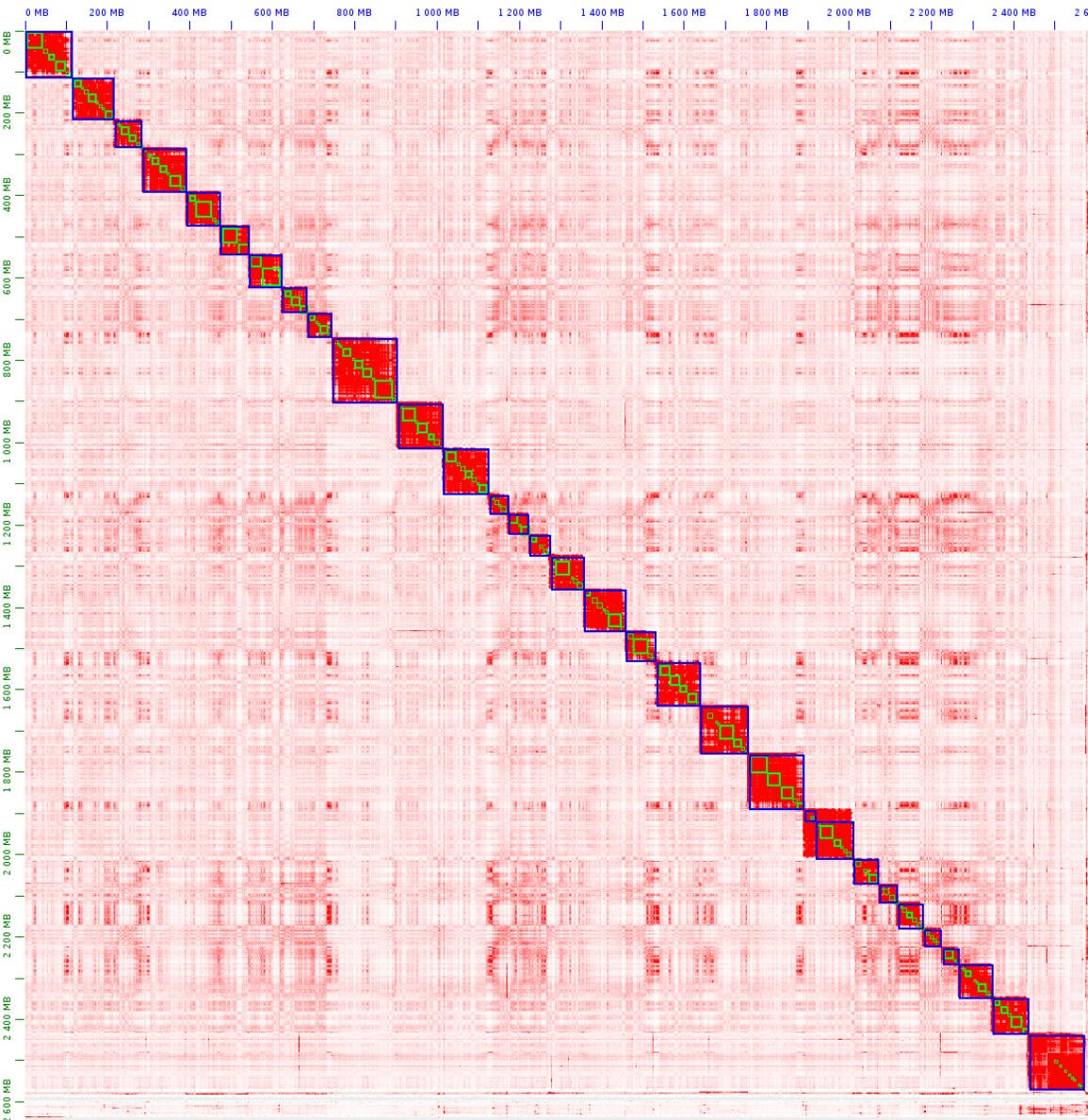
10,86 Mb

Resultats Hi-C



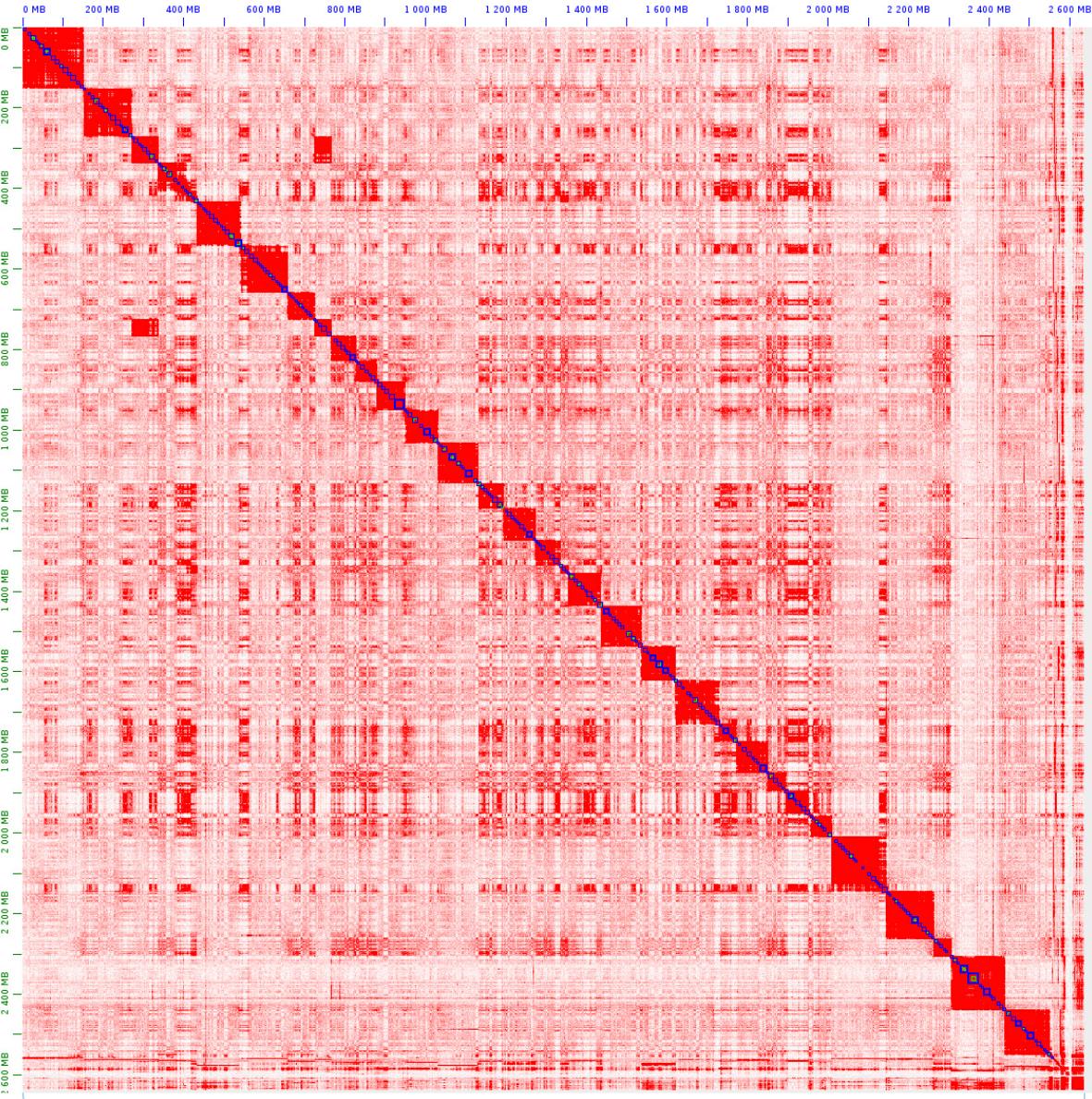
Maison post-polishing initial

- Well separated chromosomes
- 31/30 Chromosome
- Debris with low coverage



Maison post-polishing after modification

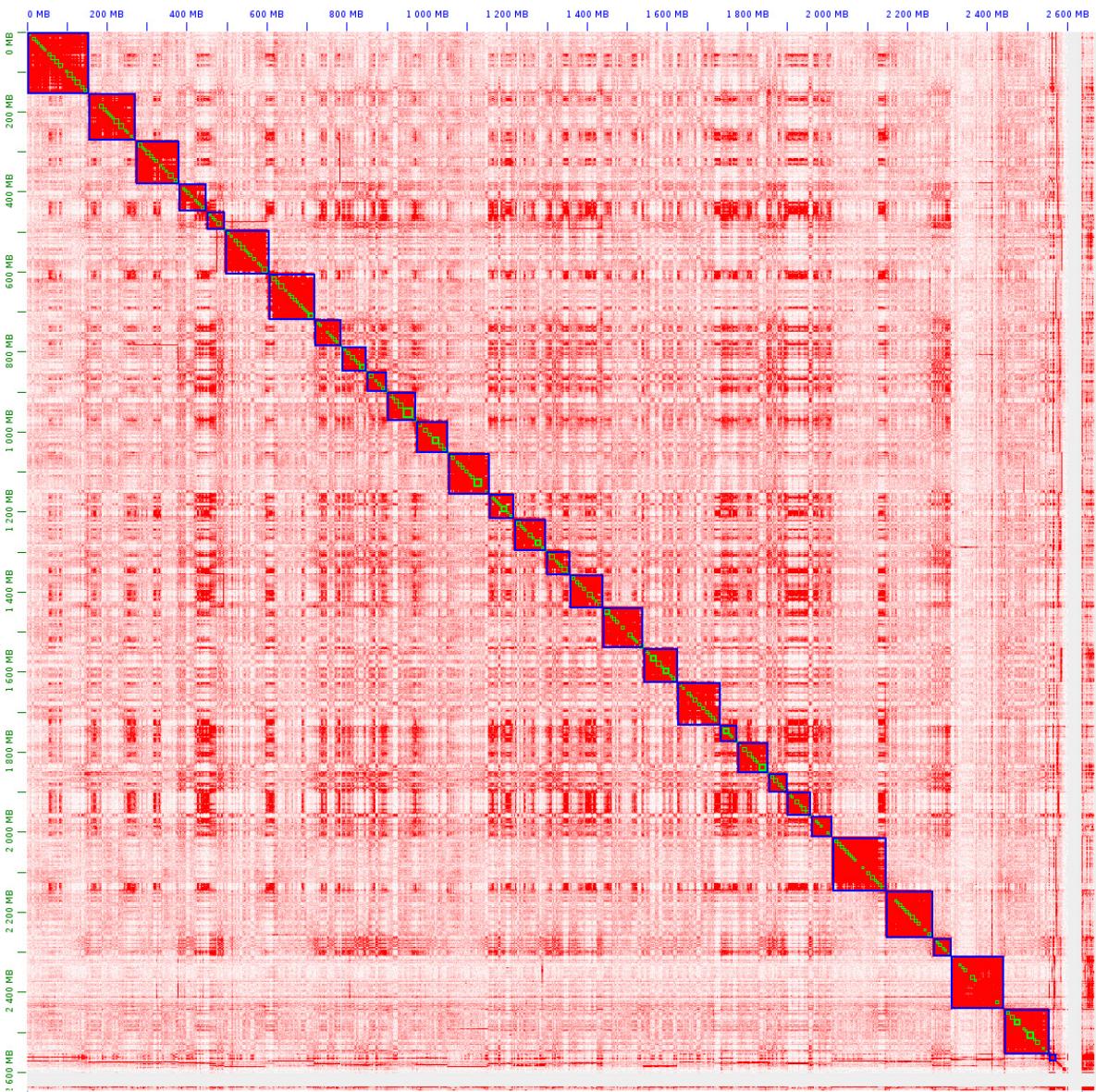
- Well separated chromosomes
- 30/30 Chromosome
- Debris with low coverage



Arima post-polishing initial

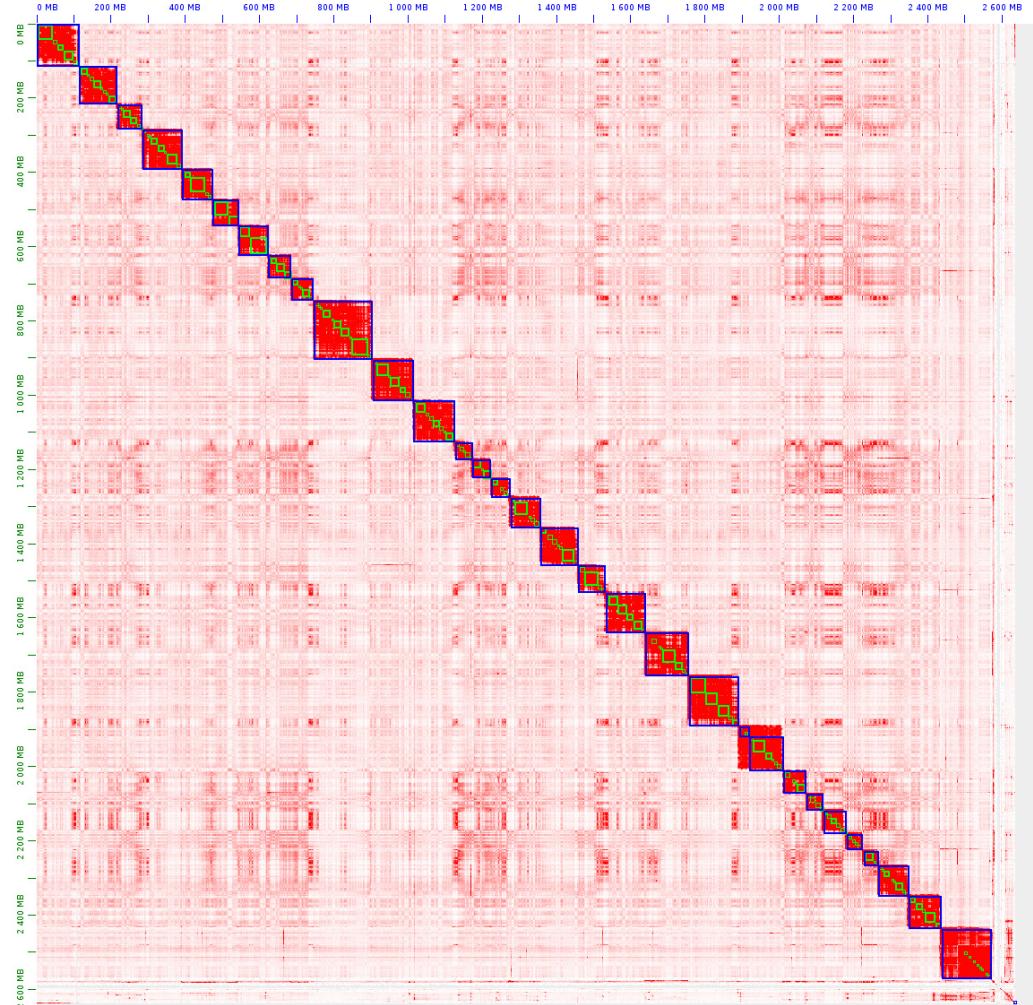
- 30/30 Chromosome, 1 inter-chromosomal link
- Debris with high coverage and links

Arima post-polishing modified

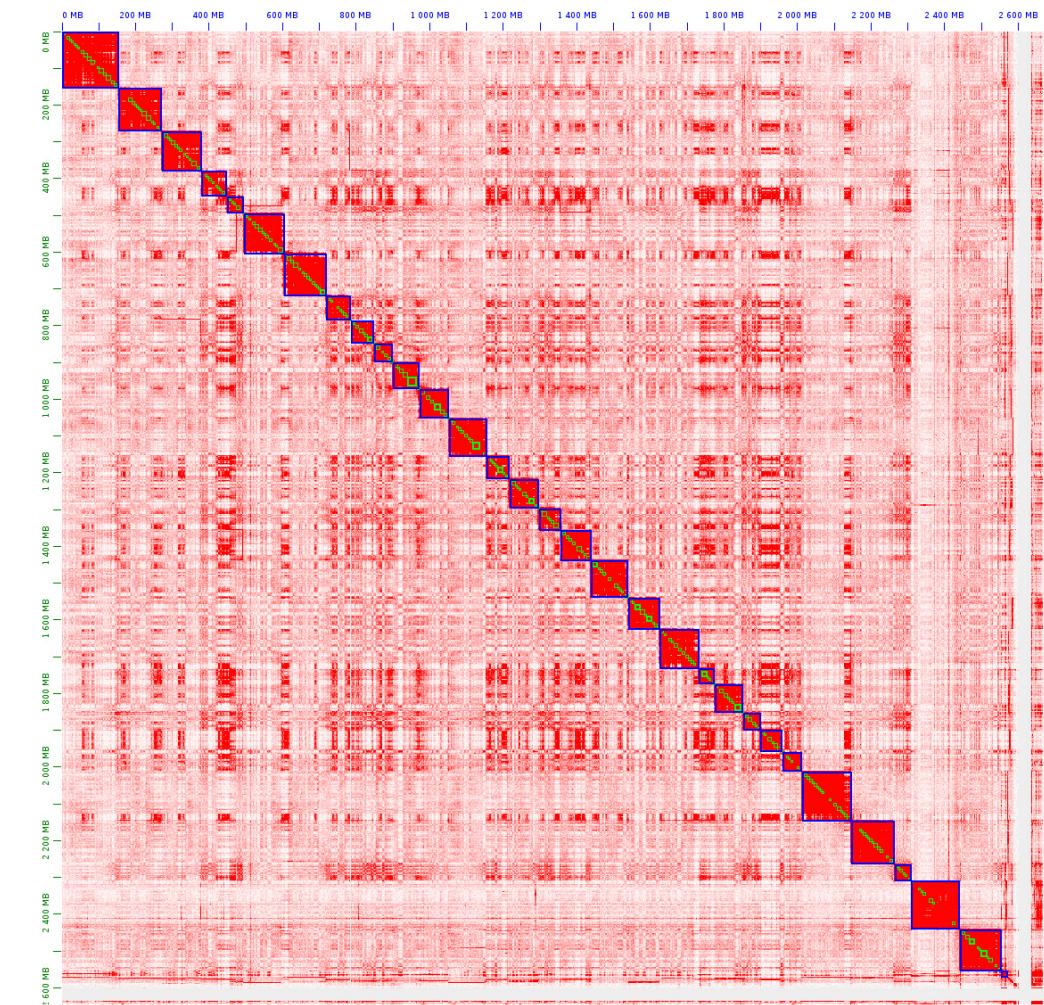


- 30/30 Chromosome, with problems
- Debris with high coverage and links

Maison



Arima



Supernova

Données :

Runs 1, 2, 3, 4 (119G)

Temps de traitement :

154H38M

BUSCO :

95.0%[S:93.7%,D:1.3%],F:2.9%,M:2.1%

N50:

43.95 Mb