

AutoHiC Report

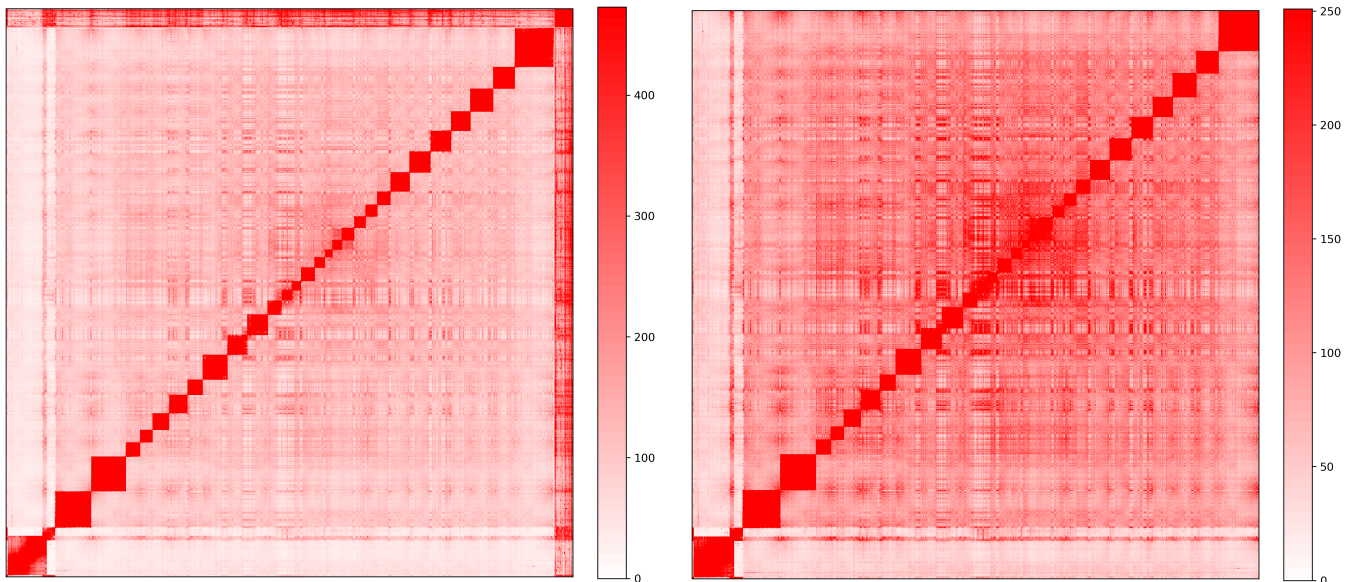
Summary

Species	MLY
Assembly size (bp)	1222840252
Scaffold N50 (bp)	69150694
Scaffold N90 (bp)	33628548
CC ratio (%)	1
Structural errors ratio (%)	0.01138393
Number of chromosomes	22
HiC Anchor rate (%)	96.56586119872638
Number of scaffolds	22
Longest scaffold (bp)	113228586
Scaffold L50	7
Scaffold L90	18
GC (%)	41.47

Adjusting result

Before adjustment

After adjustment



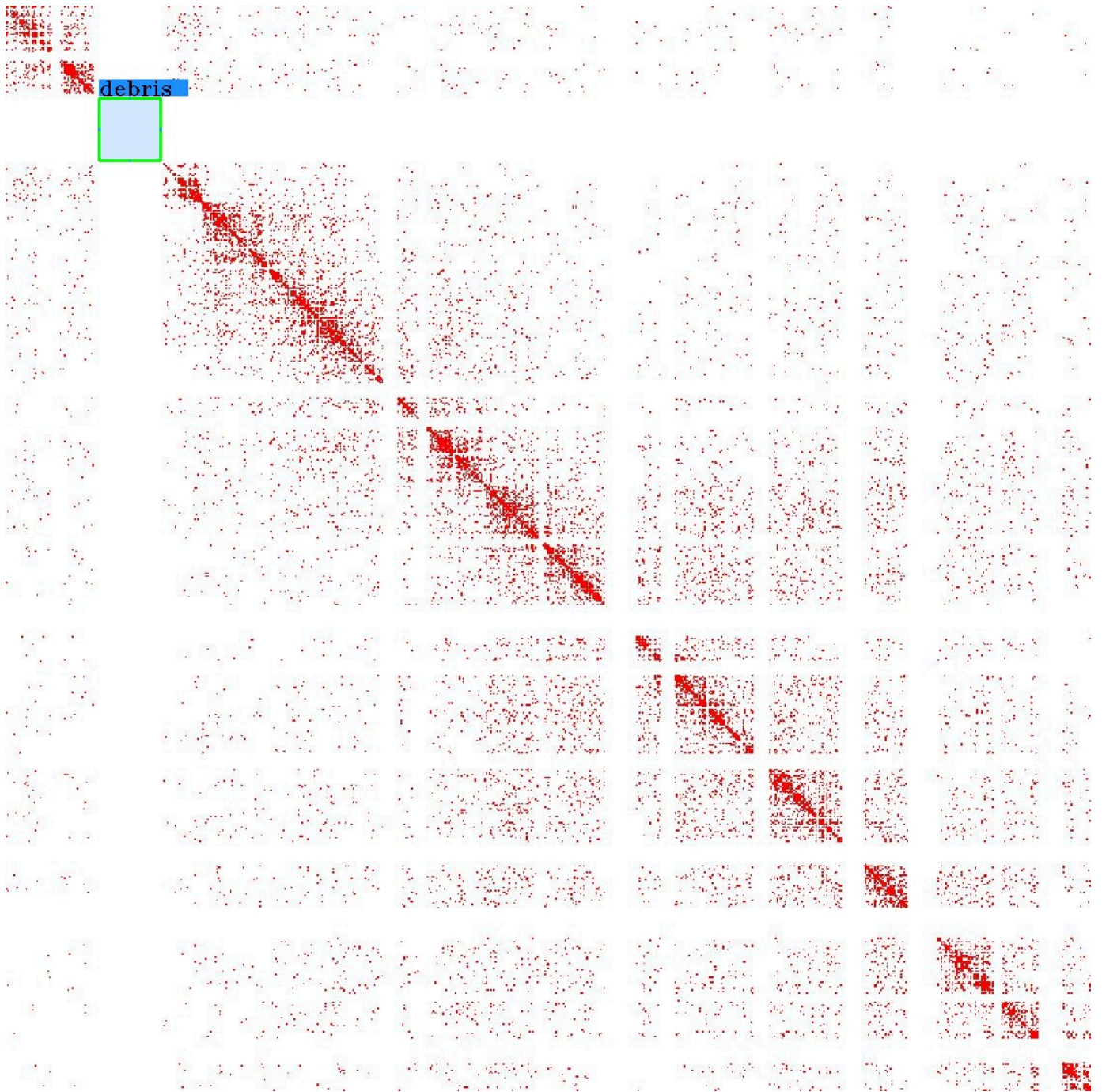
Error adjustment

Only the first 5 results of each error are displayed, and all error detection results can be found under the "AutoHiC/autohic_results/" path.

Translocation

AutoHiC Report

Debris



Location: 1260308 - 1300105

1 2 3 4 5

Additional information

Before correcting

Species	MLY
Assembly size (bp)	1257291220
Scaffold N50 (bp)	14804763
Scaffold N90 (bp)	1725299
CC ratio (%)	236

AutoHiC Report

Number of scaffolds	5205
Longest scaffold (bp)	75696175
Scaffold L50	23
Scaffold L90	100
GC (%)	41.71

Error ratio

Error type	Error ratio(%)
Total error ratio	0.01107200
Inversion error ratio	0.00000000
Translocation error ratio	0.00000000
Debris error ratio	0.01107200

Number of errors

Error type	Translocation	Inversion	Debris	T
/home/genome/lstdata/chaochao/hiccombine/Hap1run/result/AutoHiC/autohic_results/1/error_summary.xlsx	0	0	523	5

Chromosome length

Molecule	Length(bp)	GC(%)
All	1222840252	41.47
Chromosome 1	100030633	37.54
Chromosome 2	89810708	38.83
Chromosome 3	77734233	38.65
Chromosome 4	30666638	38.65
Chromosome 5	28610964	38.92
Chromosome 6	37148982	38.82
Chromosome 7	42147593	40.06
Chromosome 8	33628548	37.61
Chromosome 9	53938111	39.53
Chromosome 10	43990085	39.13
Chromosome 11	82832884	39.76
Chromosome 12	113228586	40.23
Chromosome 13	69150694	39.51
Chromosome 14	24974543	39.81
Chromosome 15	31064263	39.30
Chromosome 16	41838017	39.34
Chromosome 17	46492012	40.04
Chromosome 18	46413896	39.43
Chromosome 19	43101132	39.30

AutoHiC Report

Chromosome 20	51063442	39.12
Chromosome 21	47405850	39.12
Chromosome 22	87568438	38.28

