

SteppingStone – A Pipeline to Identify Chromothripsis Breakpoints and Rearrangements

Zemin Ning



Cancer and Aneuploidy

a

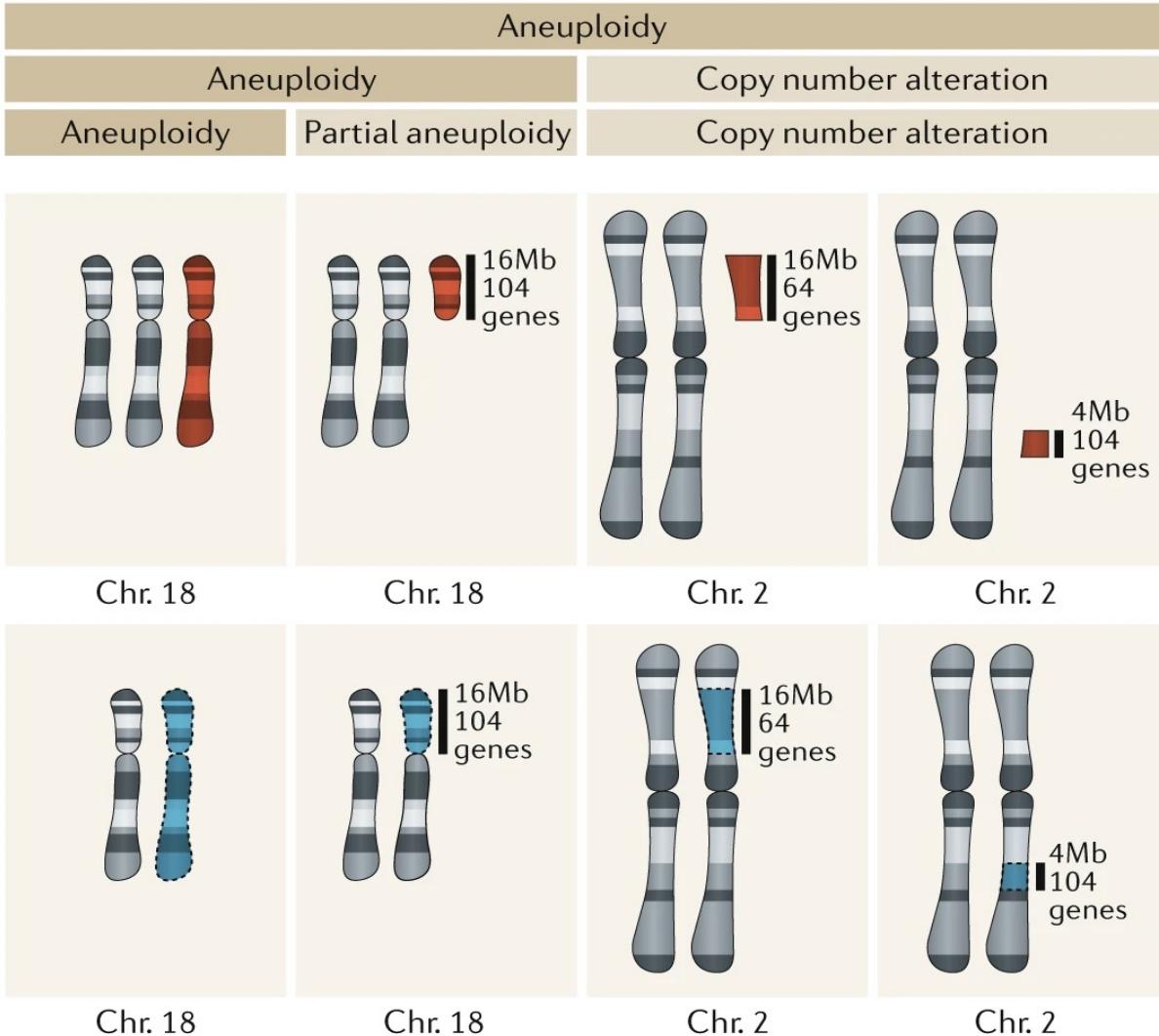
Quantitative

Cancer

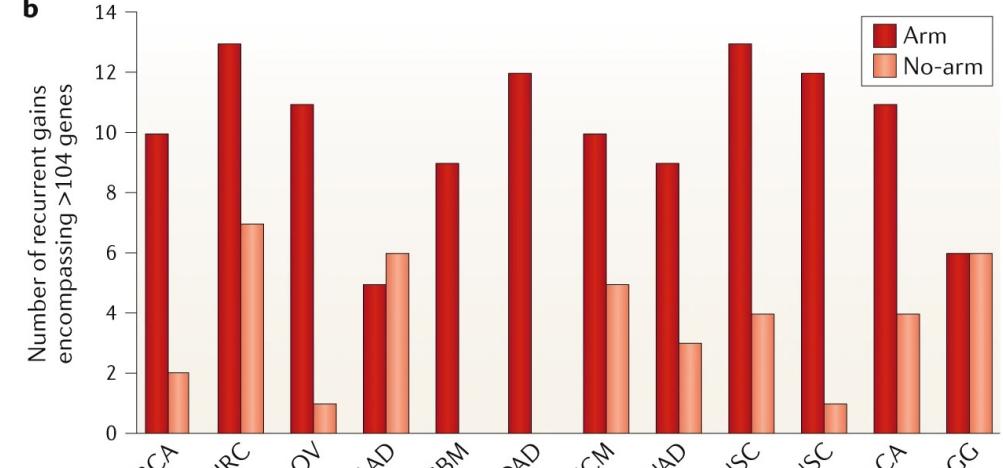
Classical

Gains

Losses



b



25

20

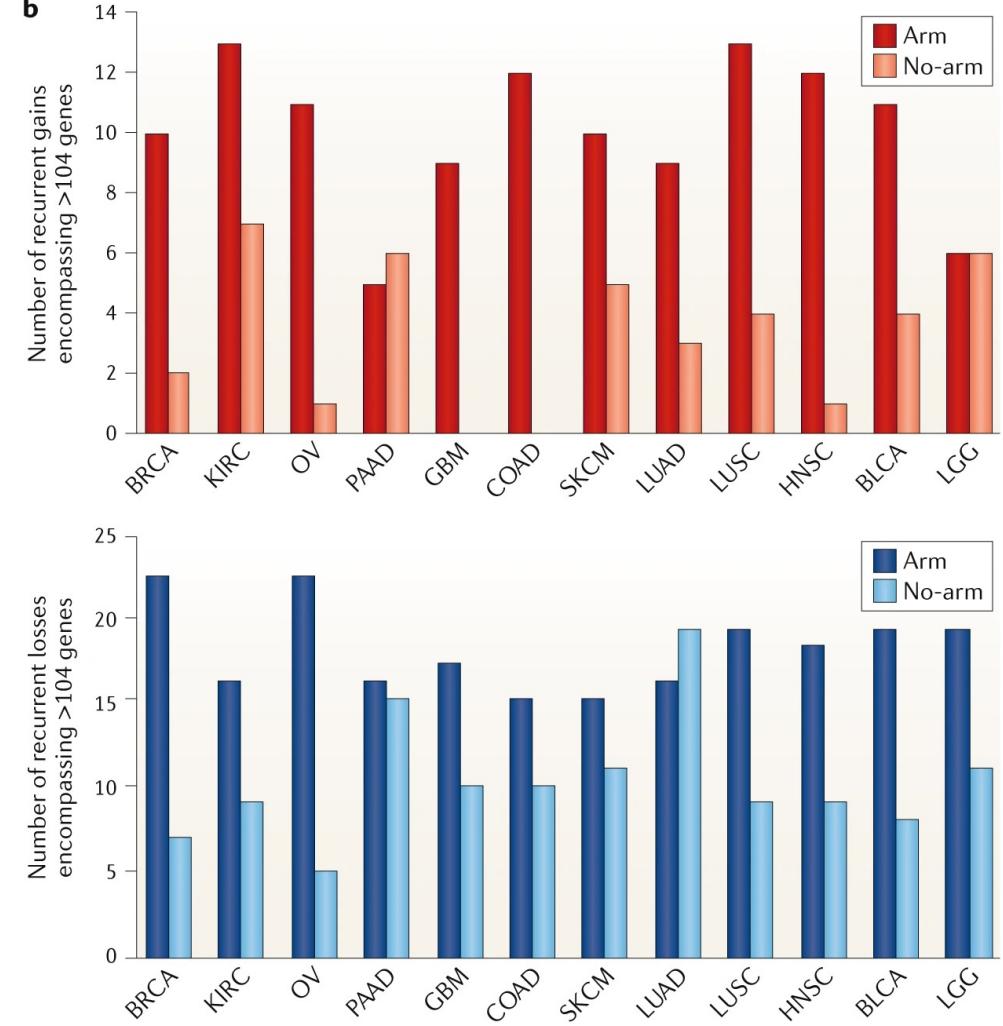
15

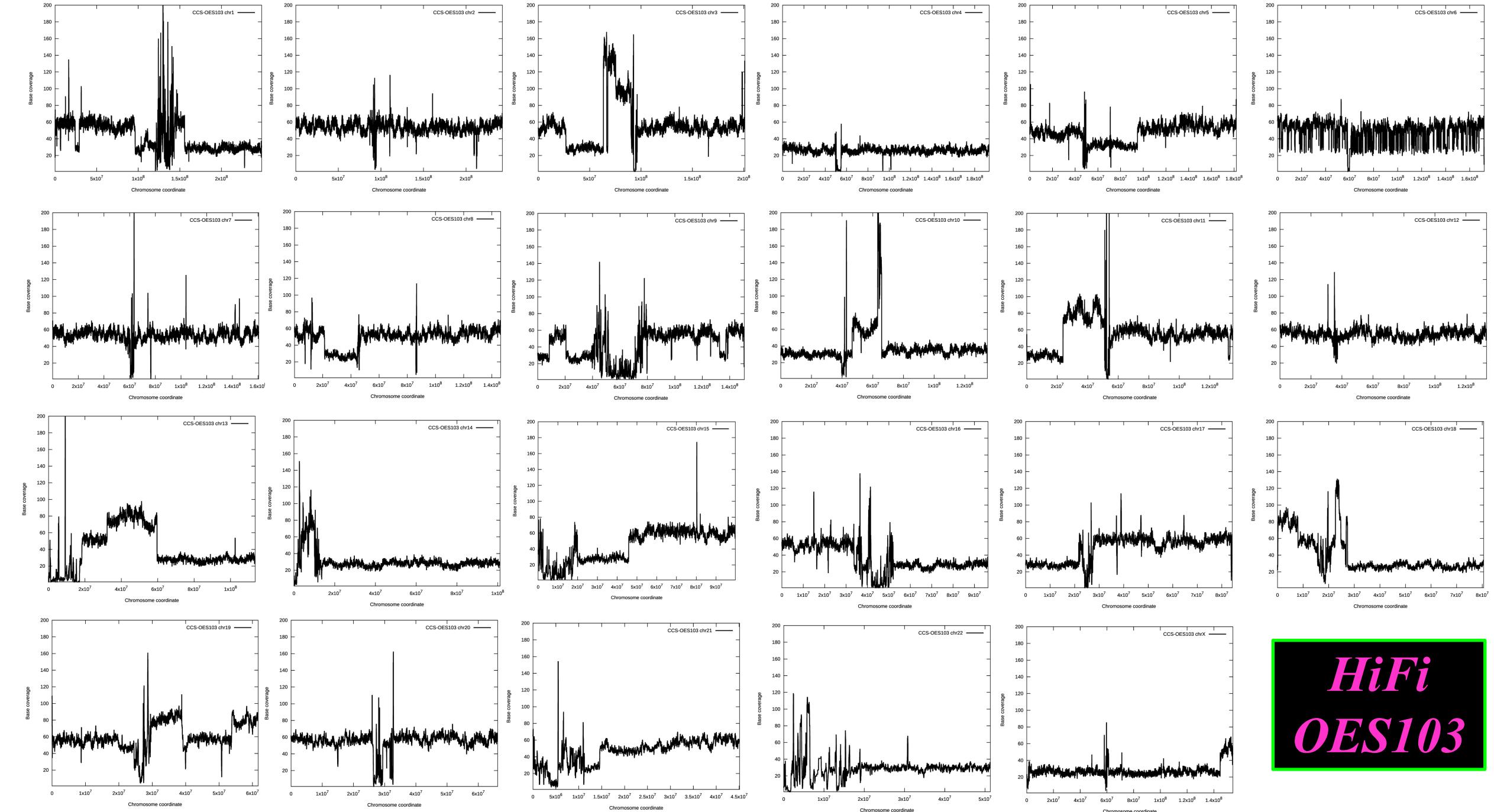
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5

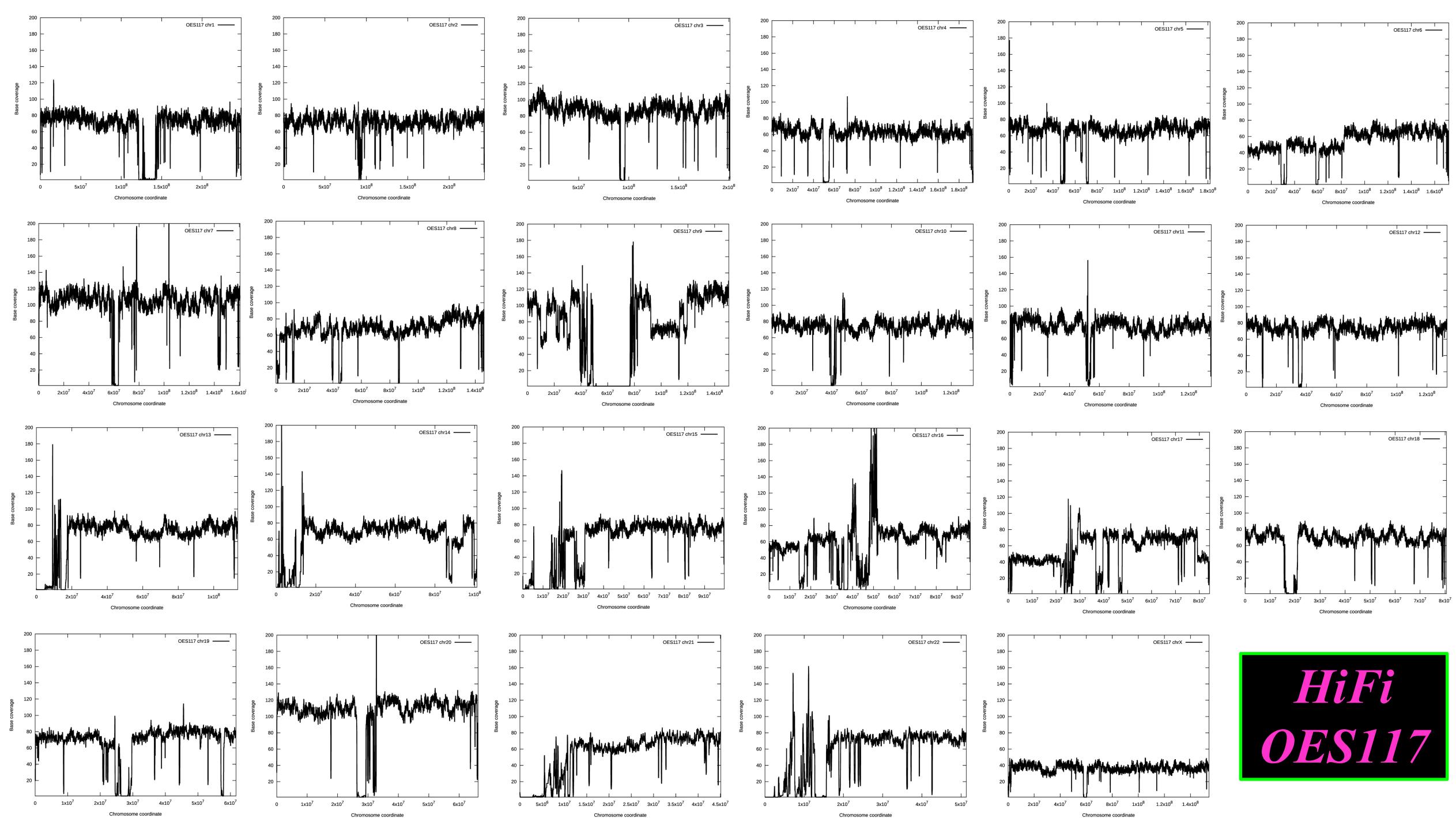
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Arm
No-arm

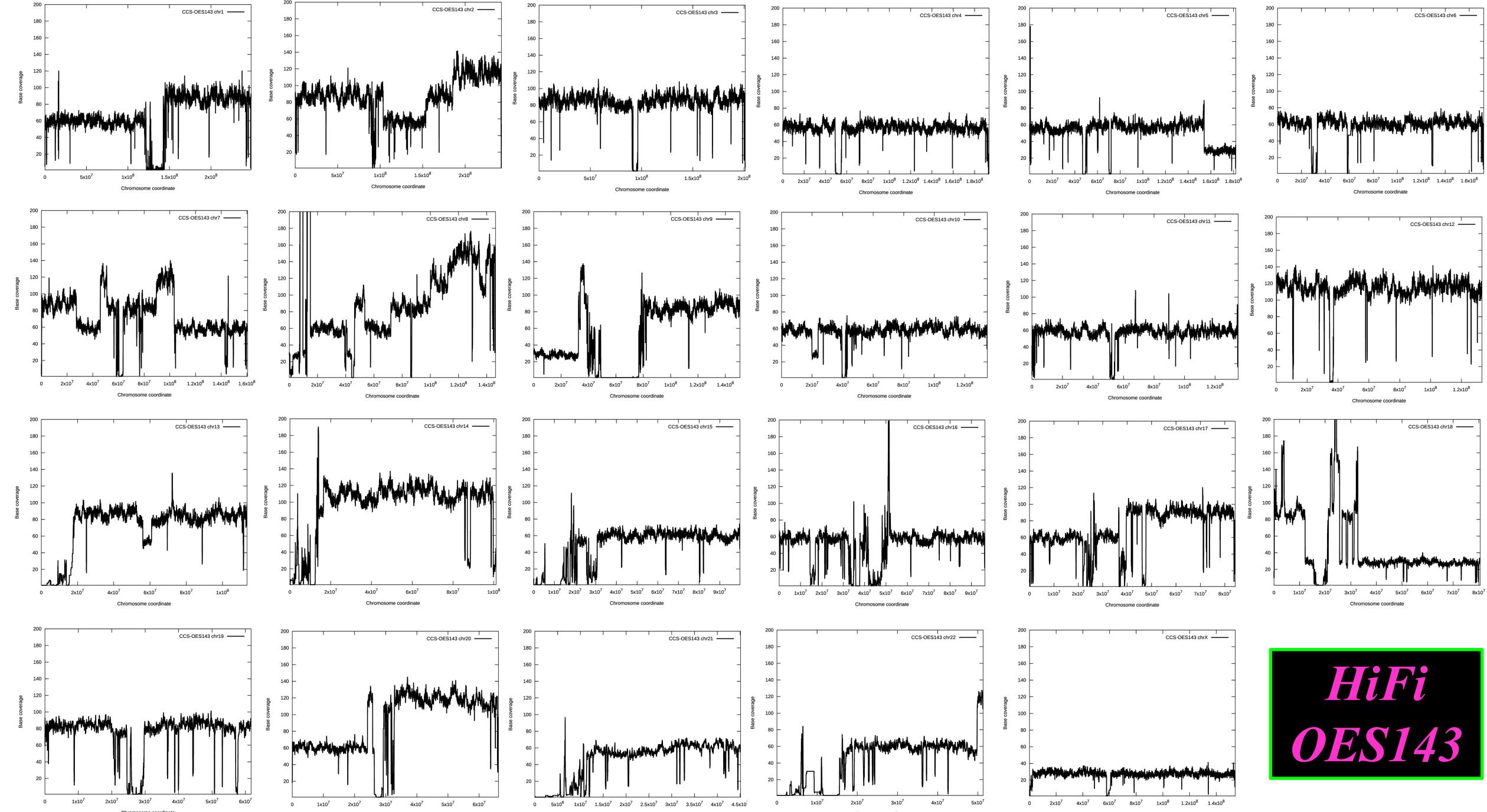




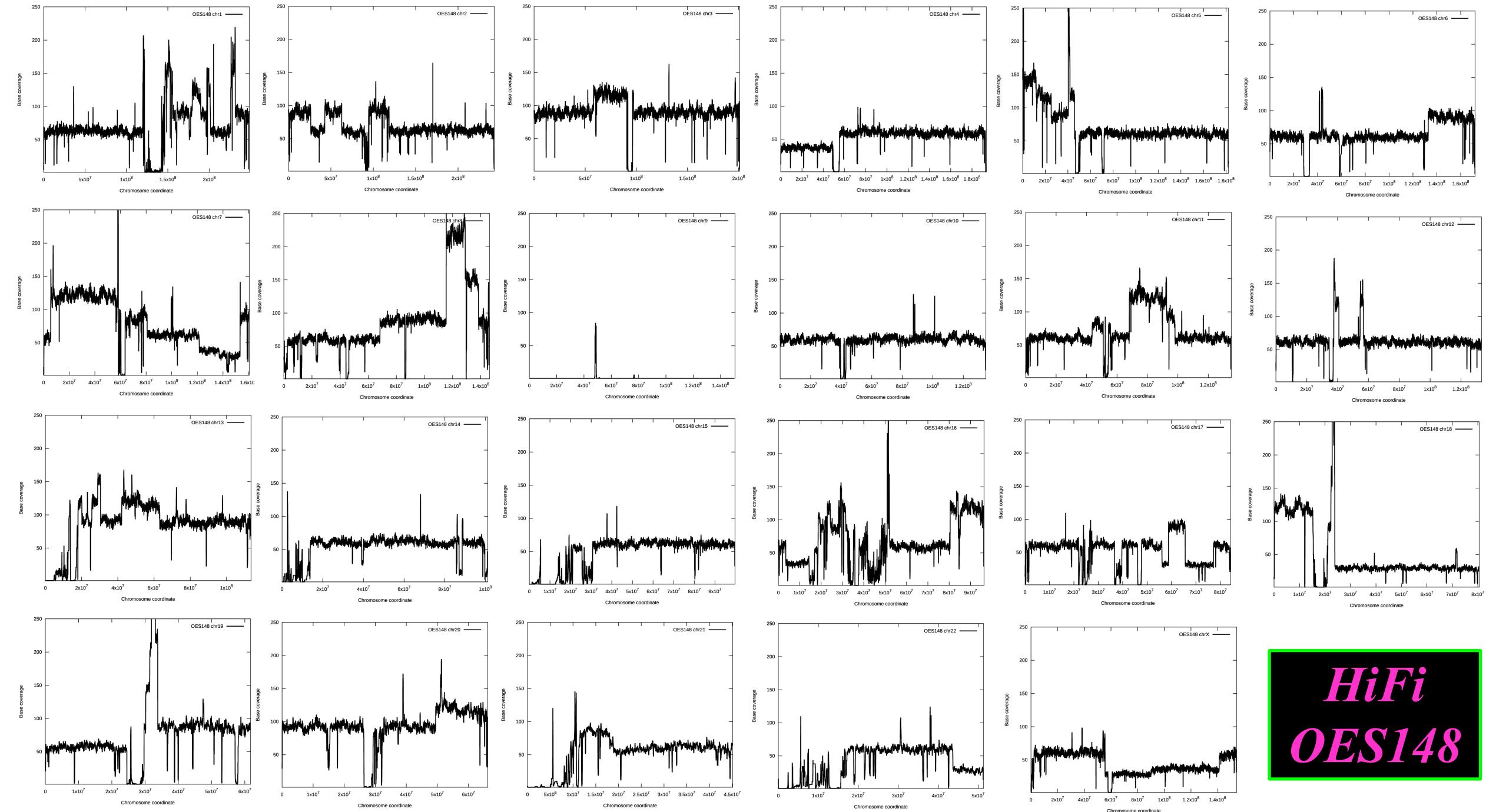
HiFi
OES103



HiFi
OES117

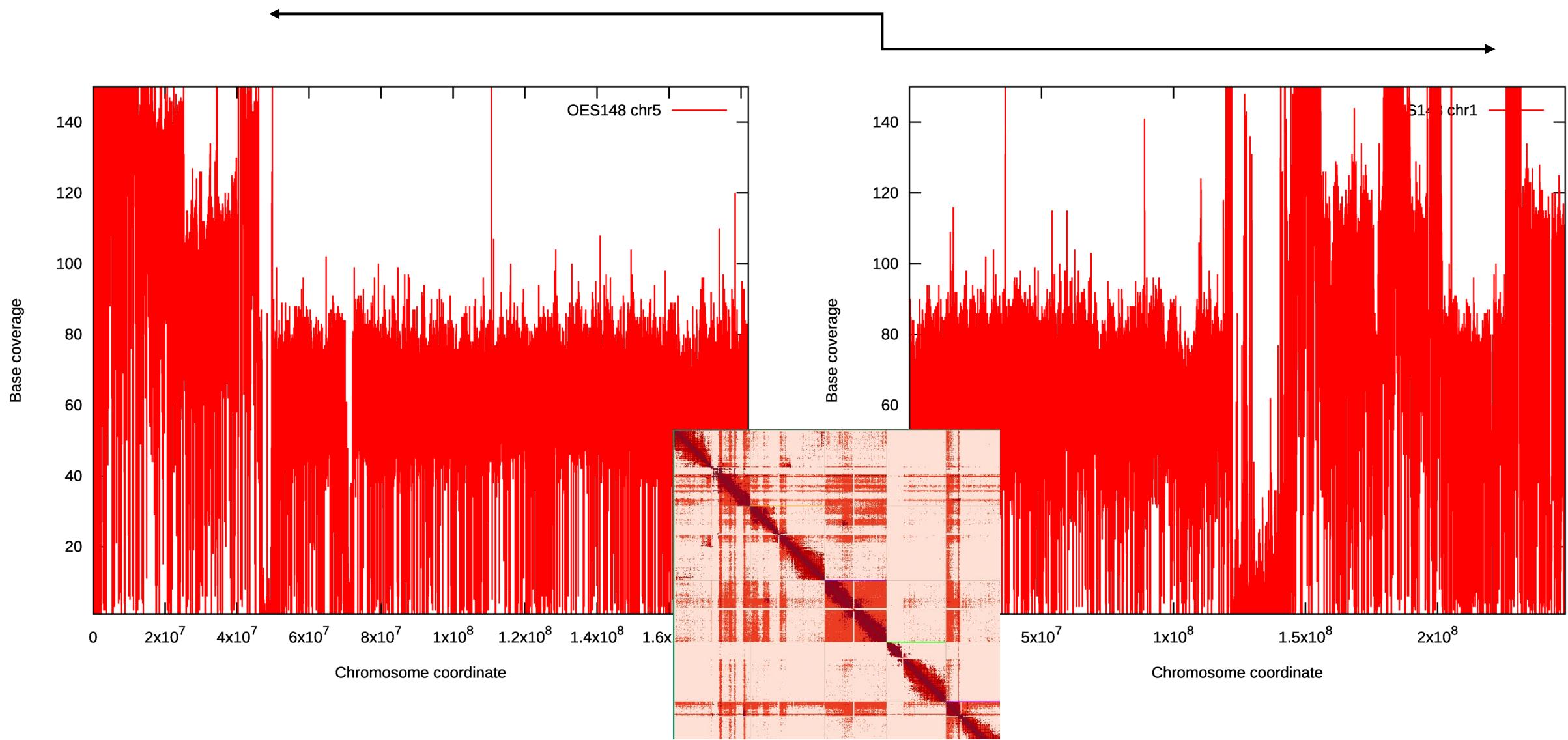


*HiFi
OES143*

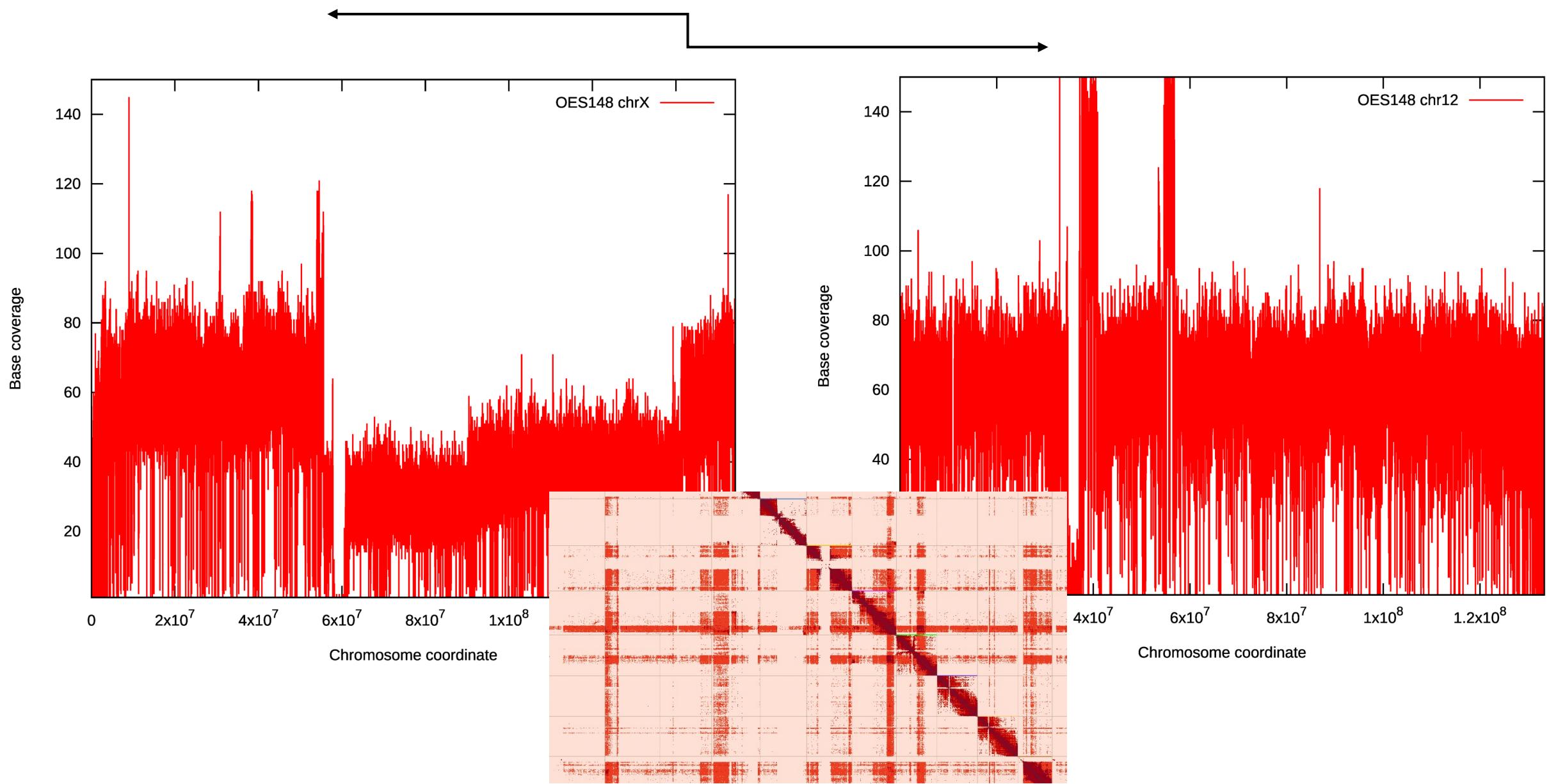


HiFi
OES148

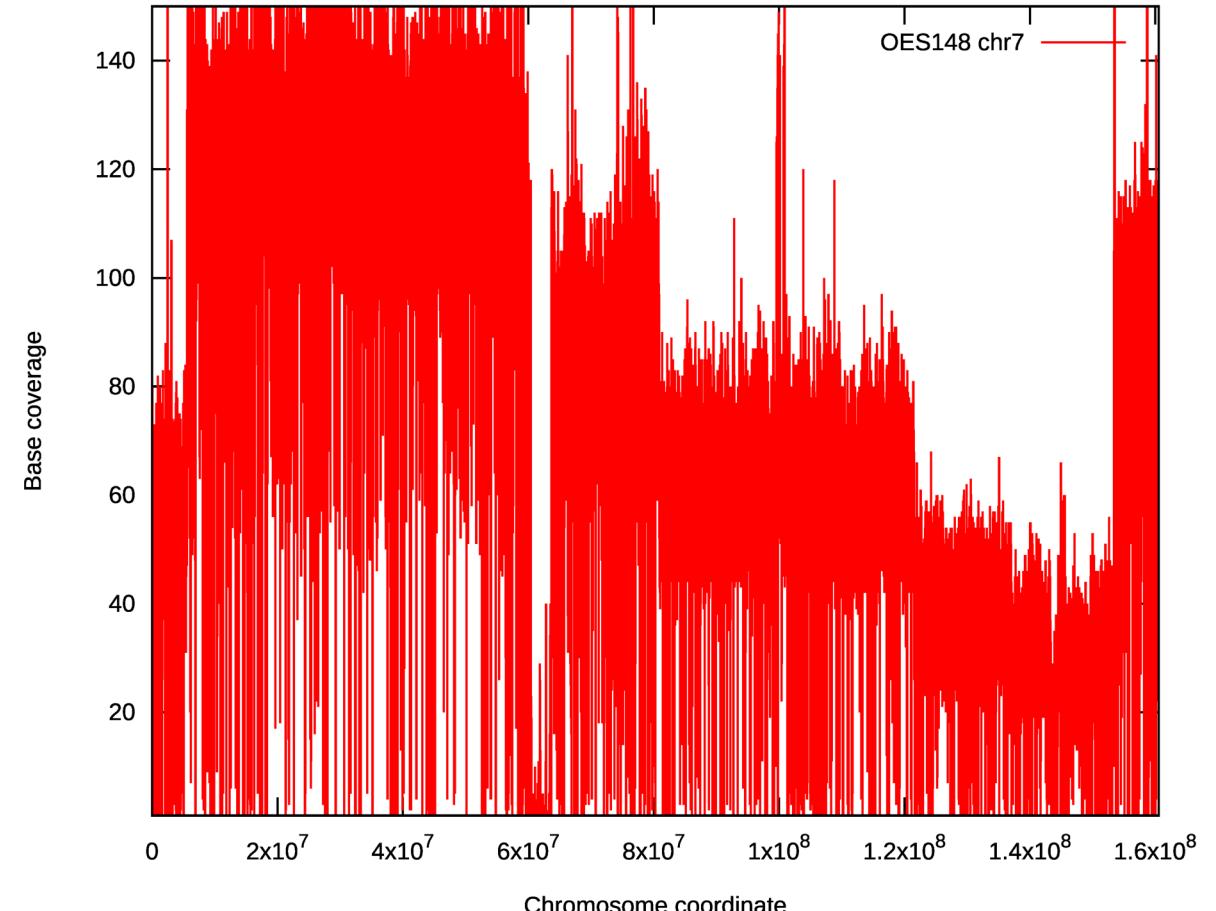
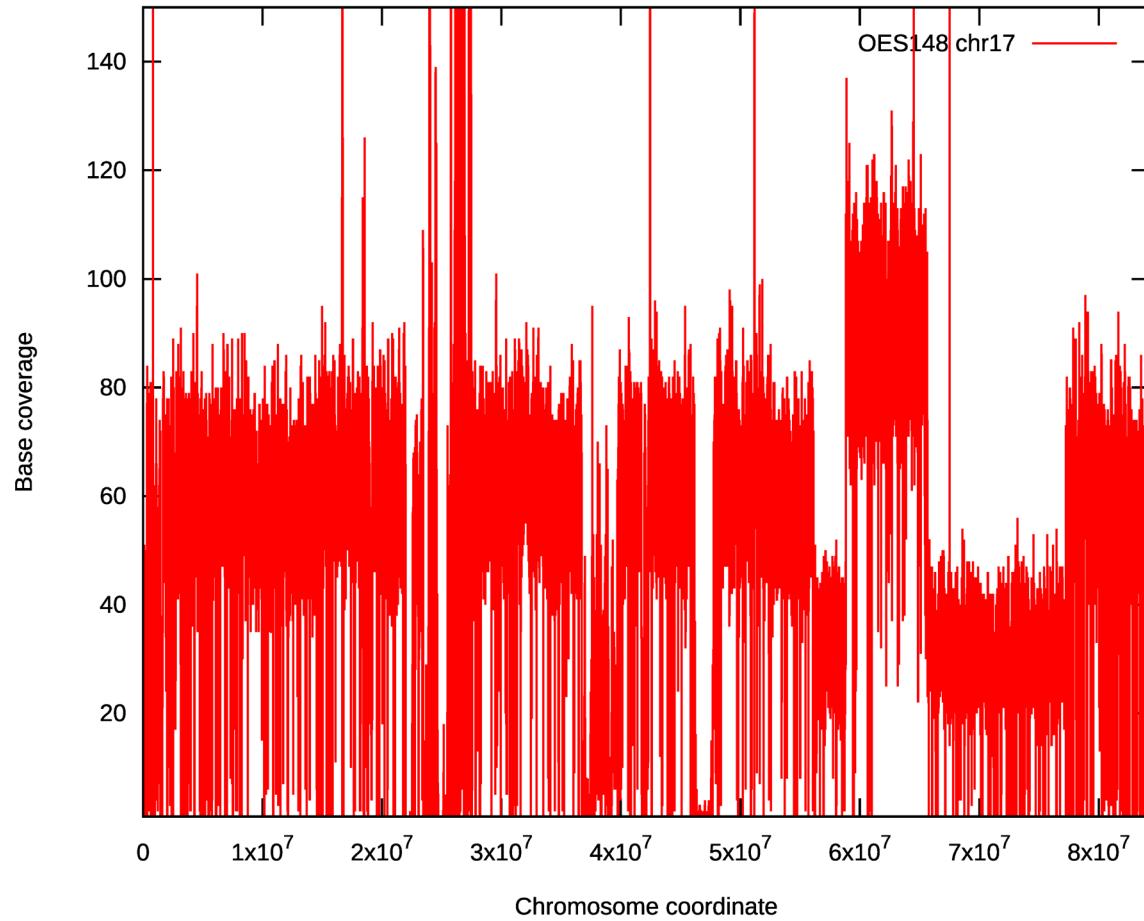
chr5 45974006 chr1 225986743 52 OES148

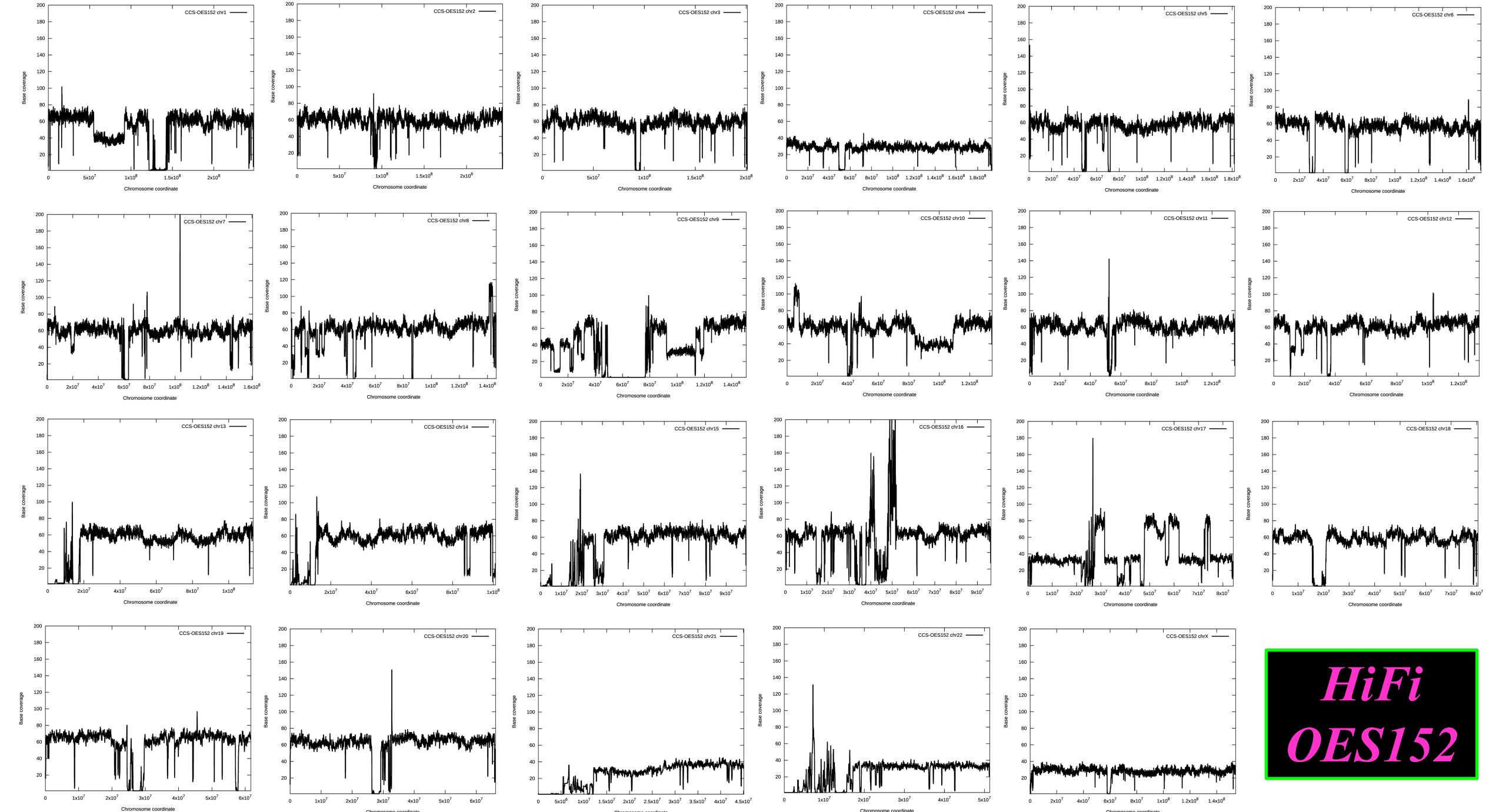


chrX 50283953 chr12 33019537 15 OES148

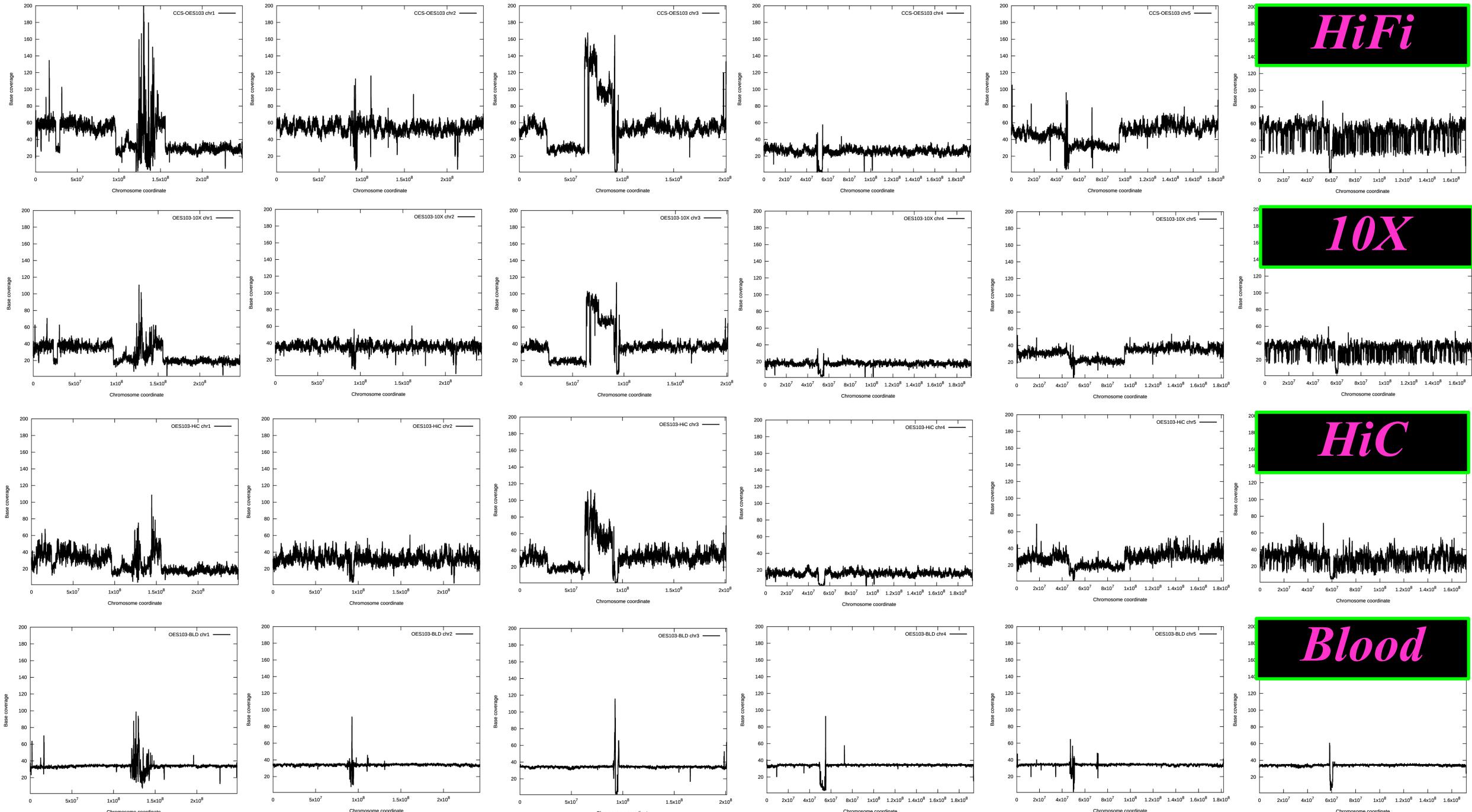


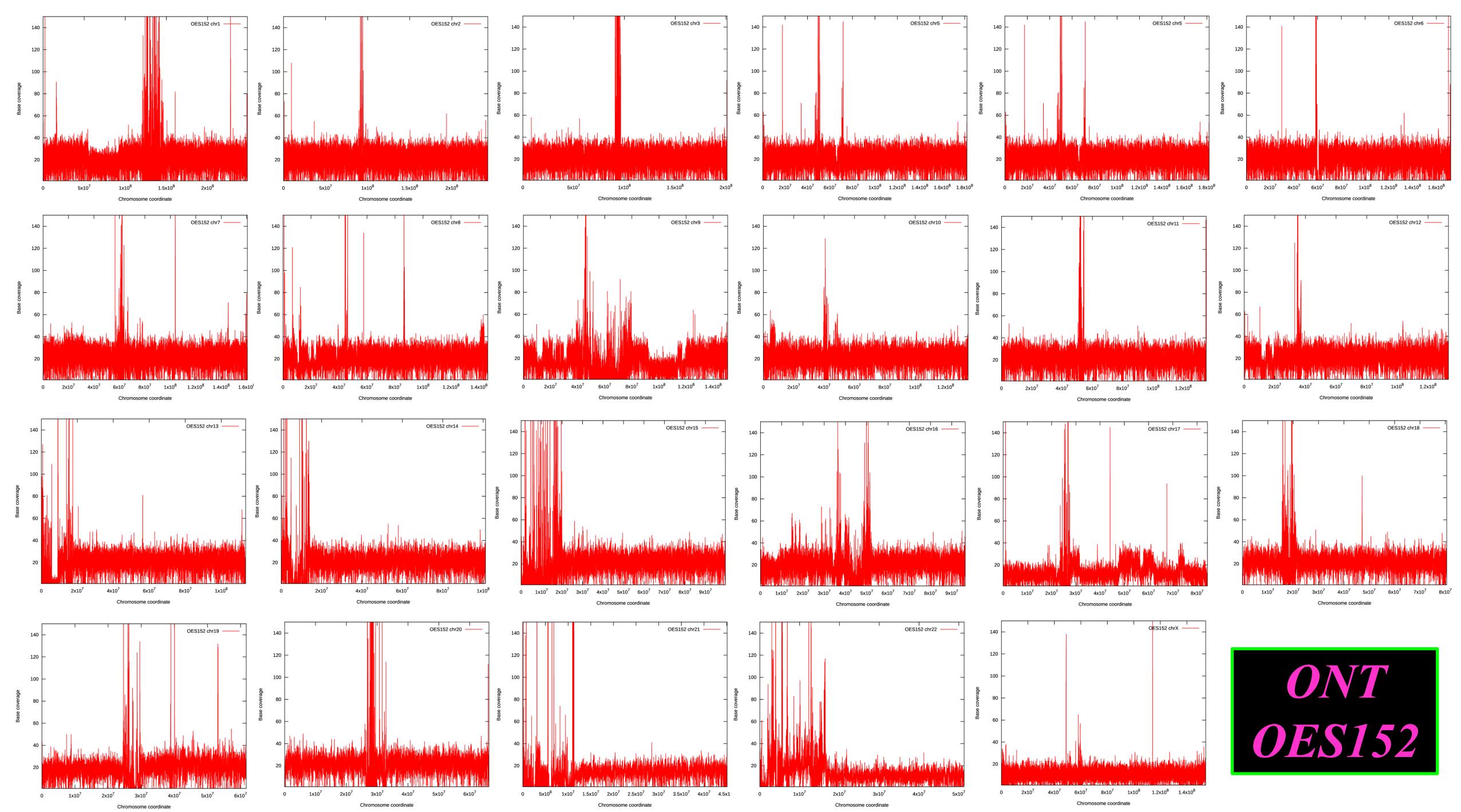
17 58829377 7 5670734 40 OES148



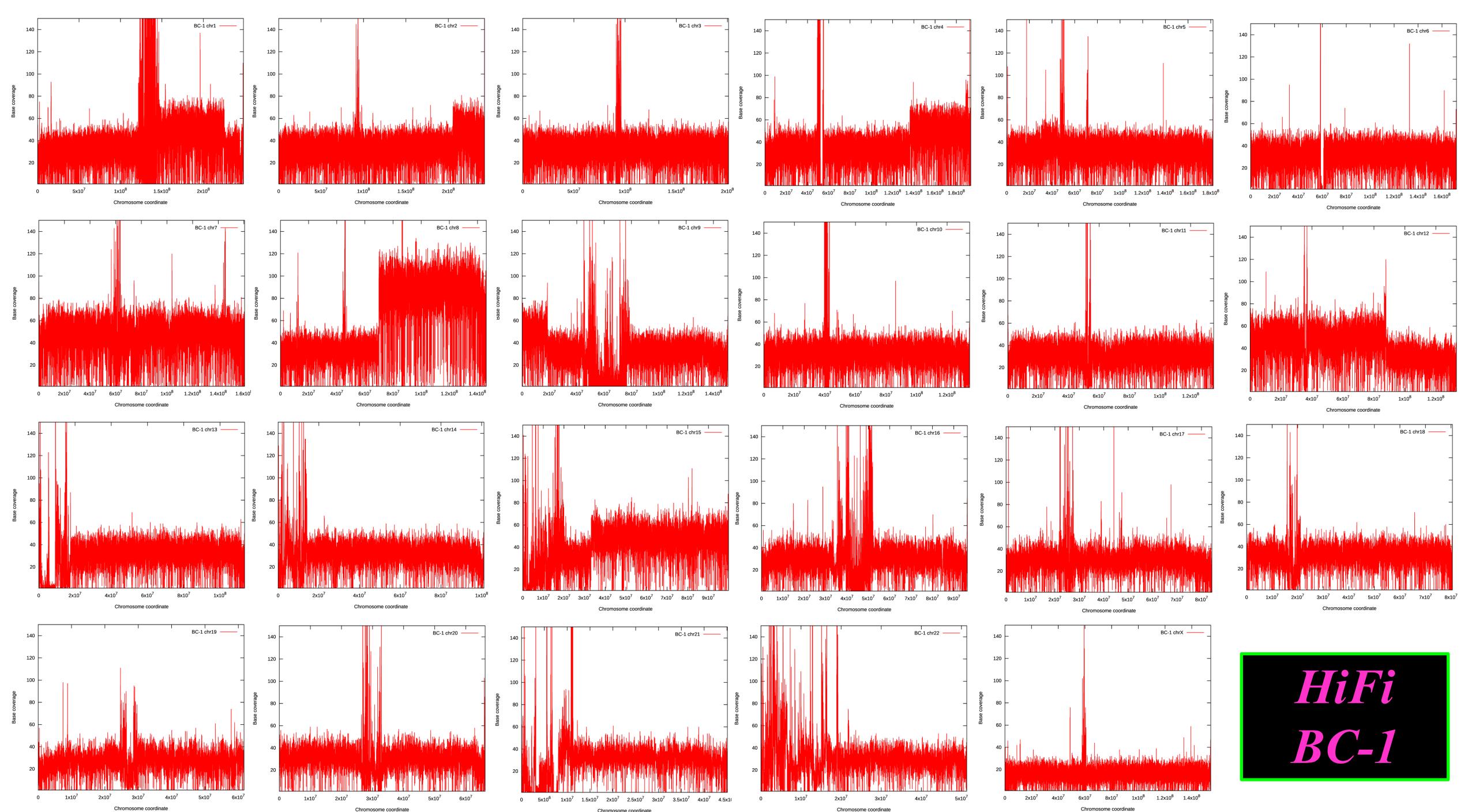


HiFi *OES152*

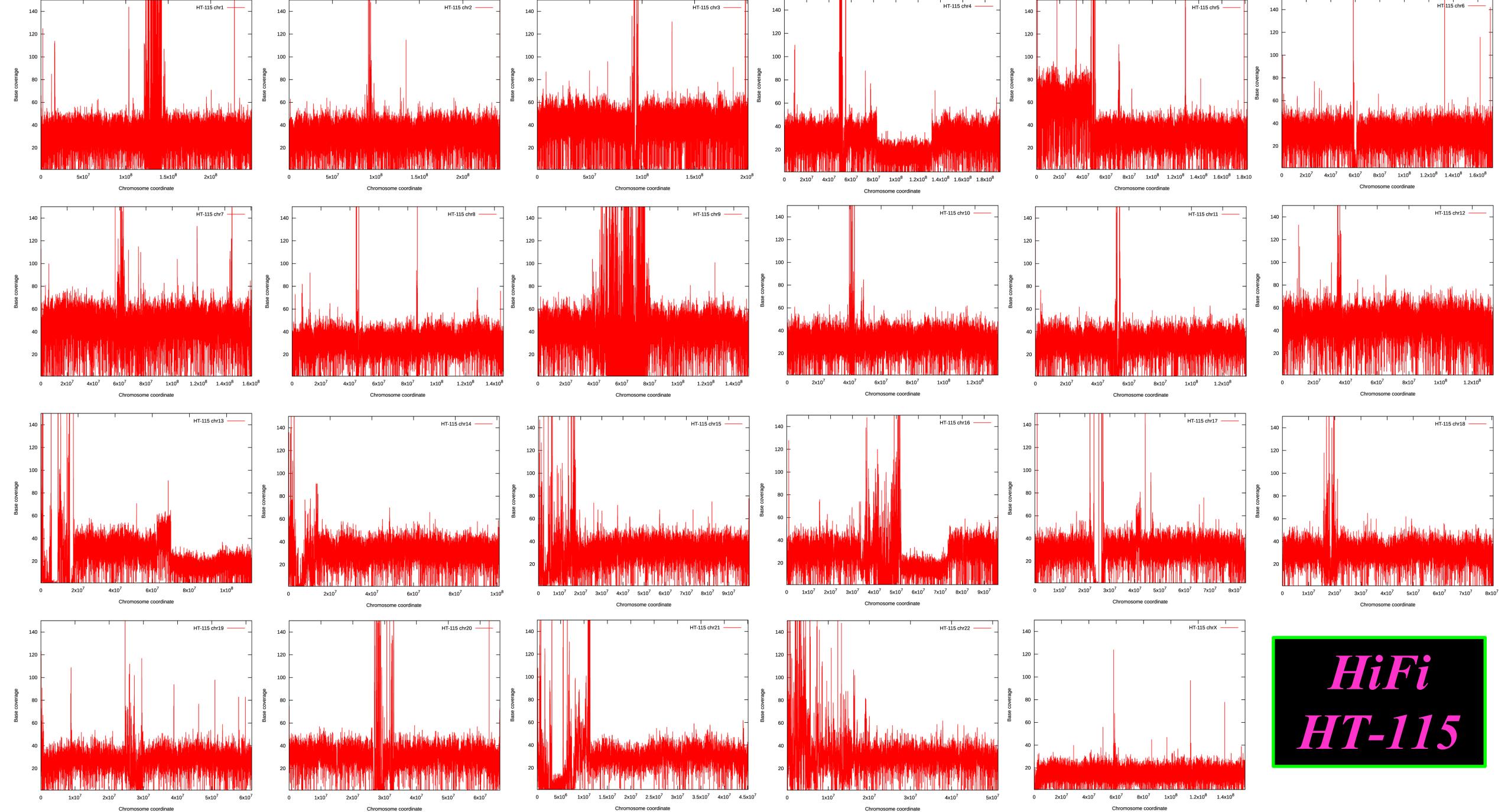




ONT
OES152



HiFi
BC-1



HiFi
HT-115

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