

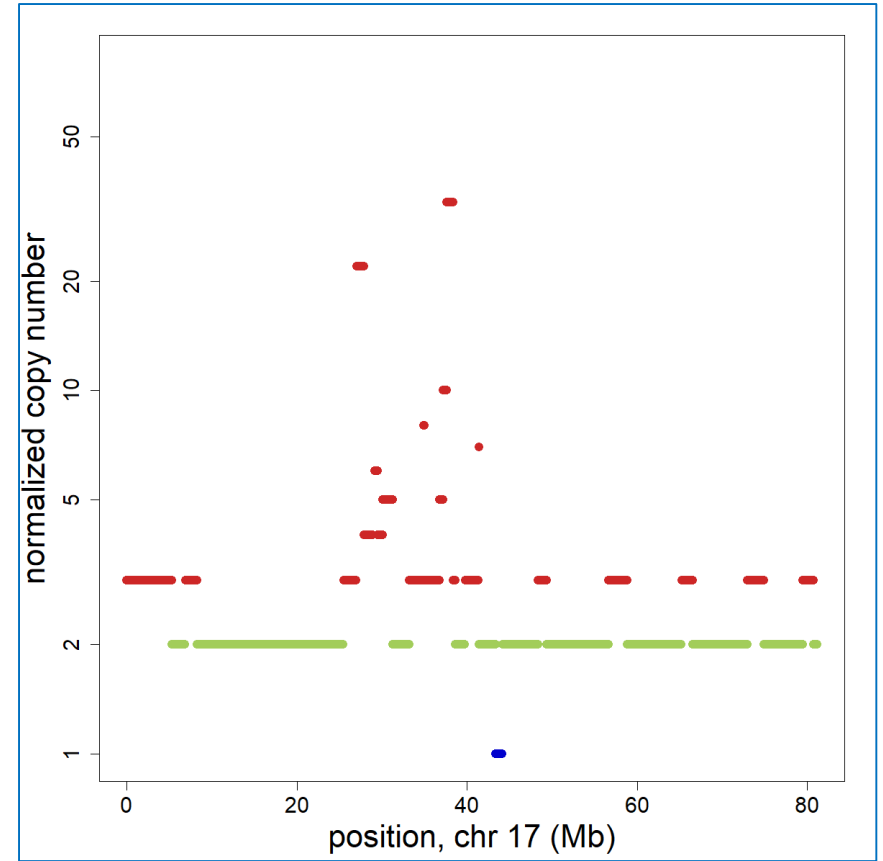
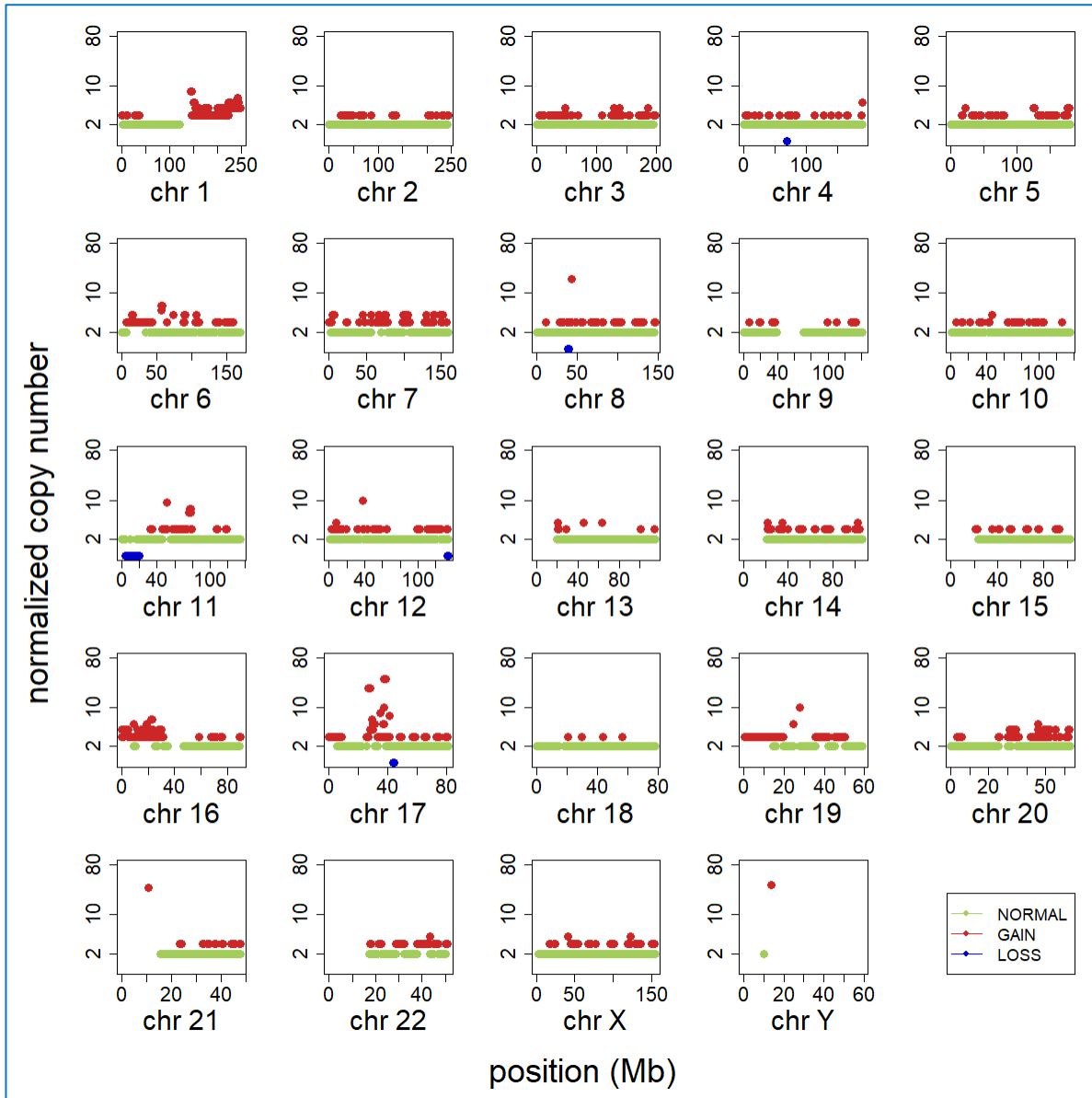
Clinical Implications of Sub-grouping HER2 Positive Tumors by Amplicon Structure and Co-amplified Genes

Myriam Maoz, Michal Devir, Michal Inbar, Ziva Inbar-Daniel, Dana Sherill-Rofe, Idit Bloch, Karen Meir, David Edelman, Salah Azzam, Hovav Nechushtan, Ofra Maimon, Beatrice Uziely, Luna Kaduri, Amir Sonnenblick, Amir Eden, Tamar Peretz, Aviad Zick.

List of samples in order of appearance:

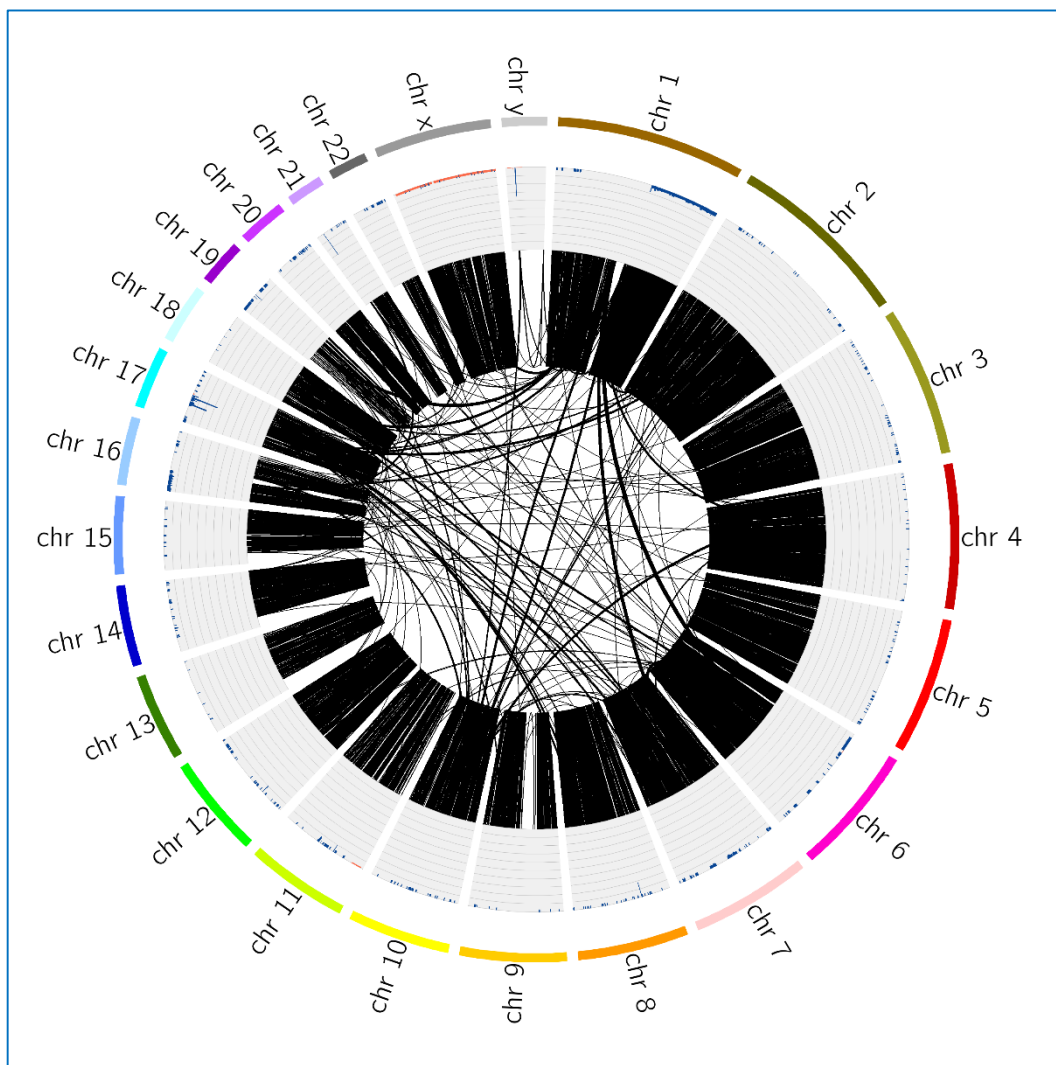
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p-3	p-27	166	BT474
p-5	p-28	p-203	HCC1954
p-6	p-29	p-204	MCF7
p-8	p-30	p-205	MDA361
m-11	p-33	p-209	SKBR3
m-12	p-102	p-214	ZR-75-30
m-13	p-103	p-215	
p-16	p-104	p-216	
p-17	p-106	p-217	
p-20	p-108	p-218	
p-21	p-112	p-6890	
p-22	p-114	p-8191	
p-23	p-115	20983	

p-2

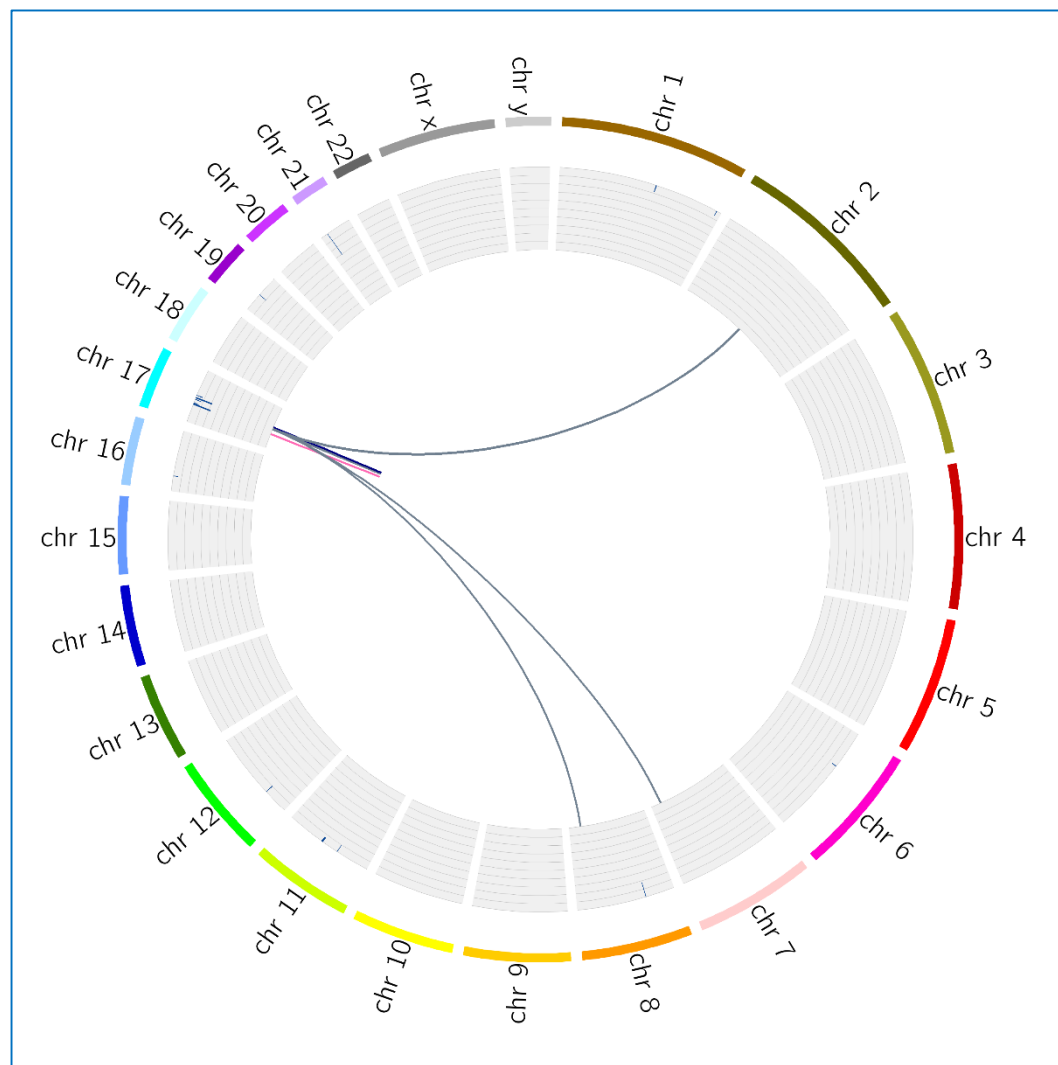


Control-FREEC

p-2

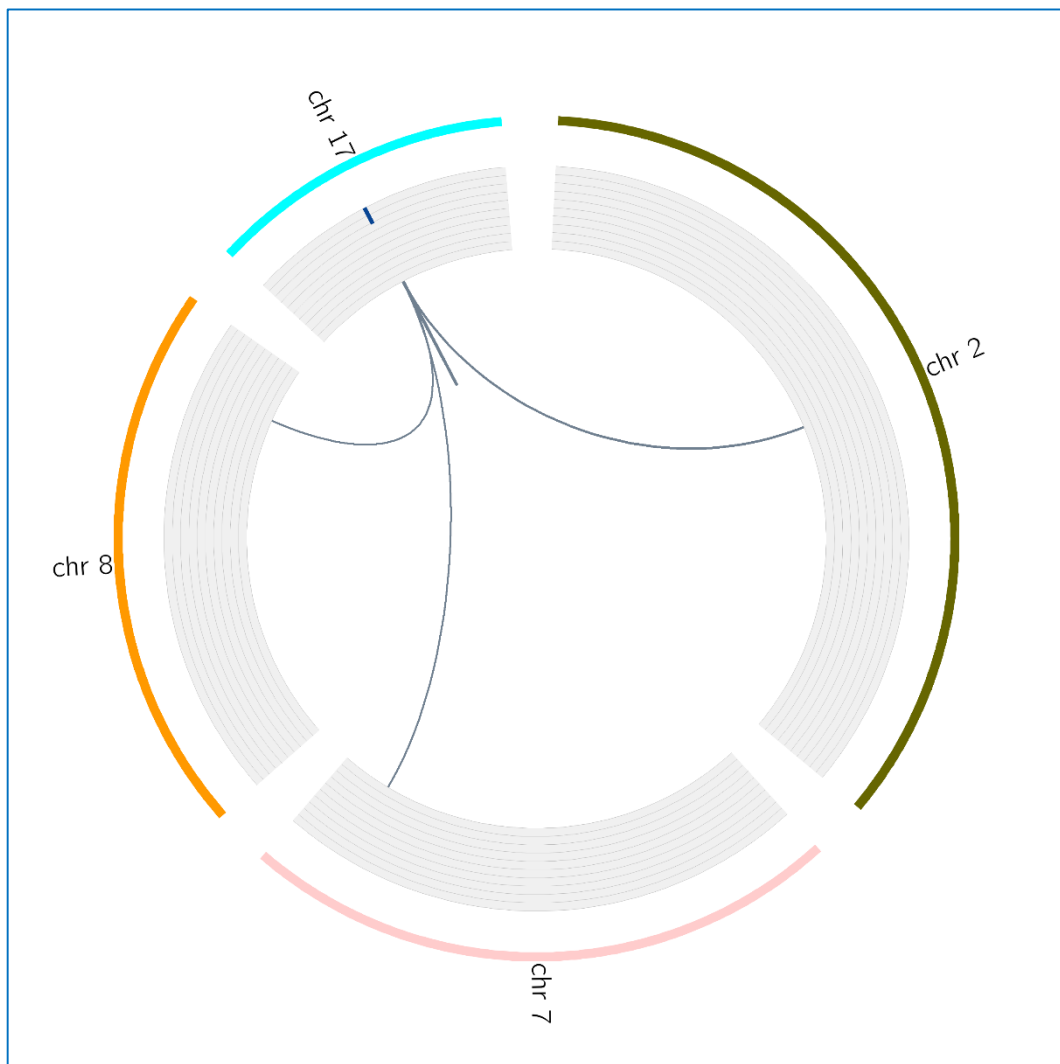


BreakDancer + Control-FREEC



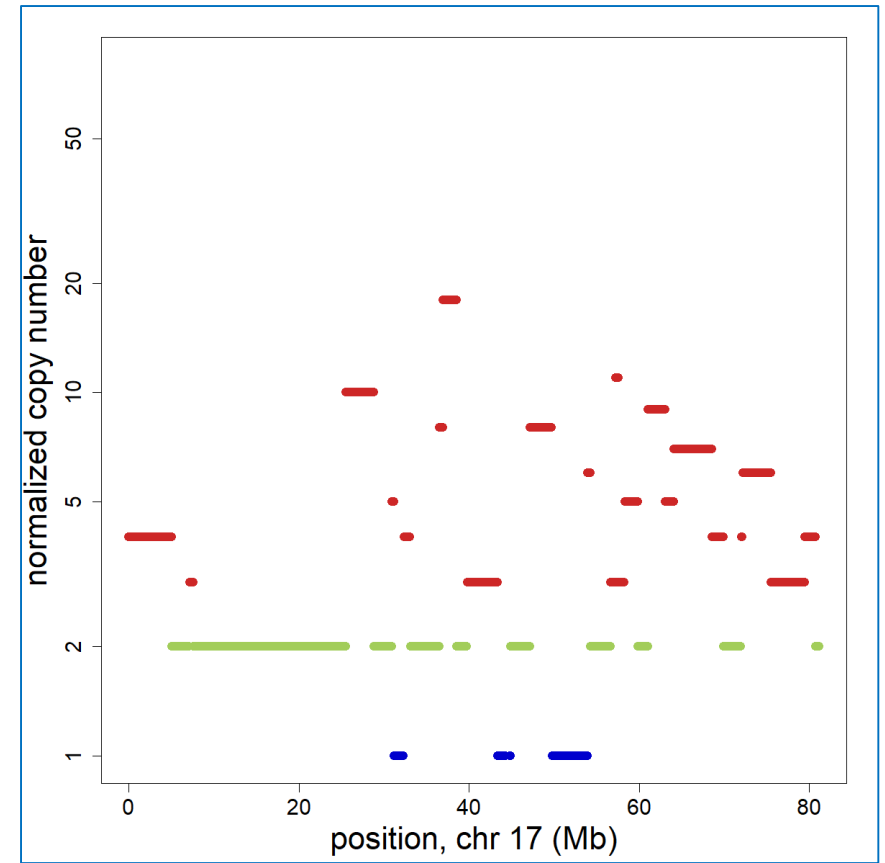
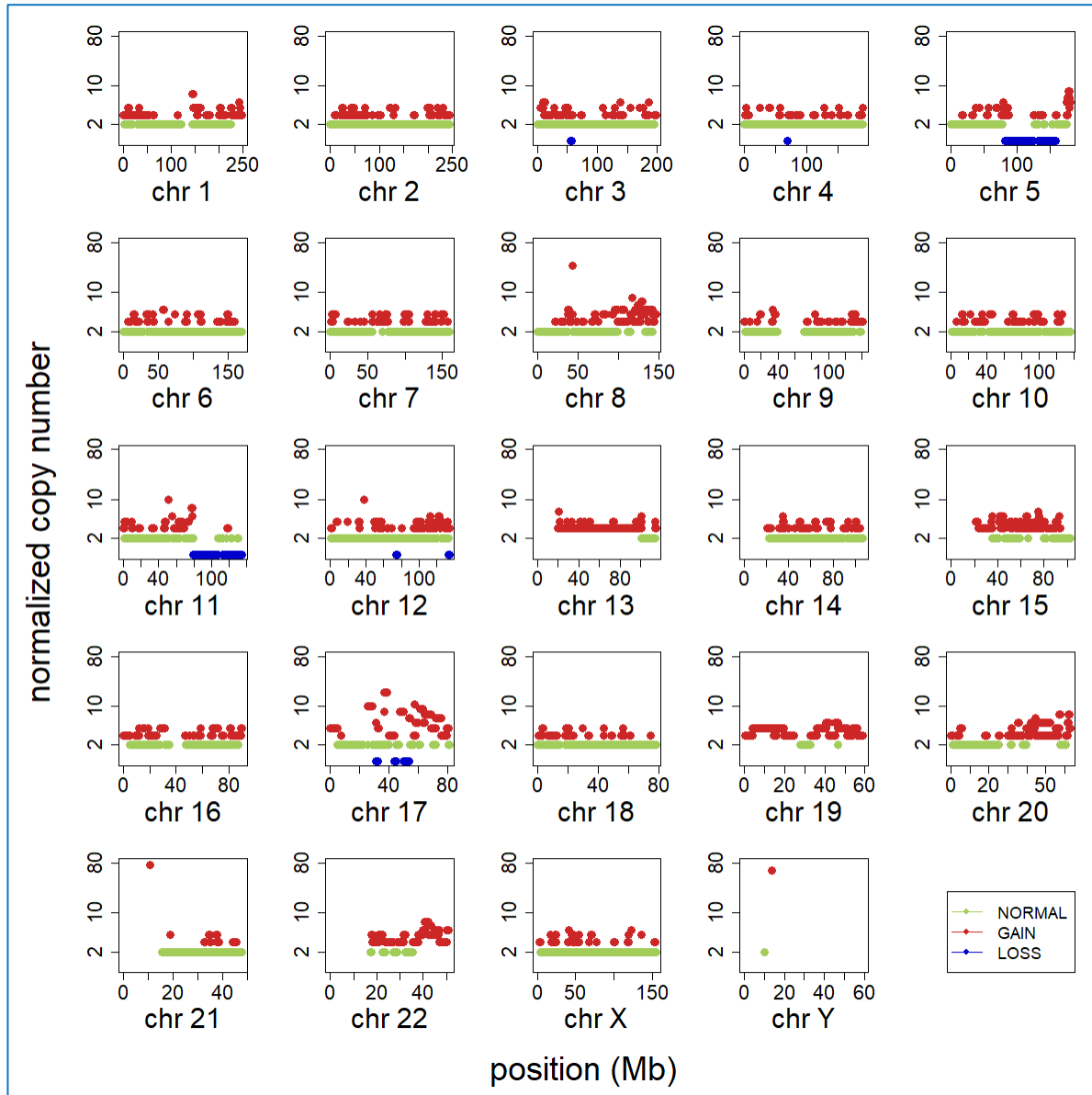
FAST - Whole Genome

p-2



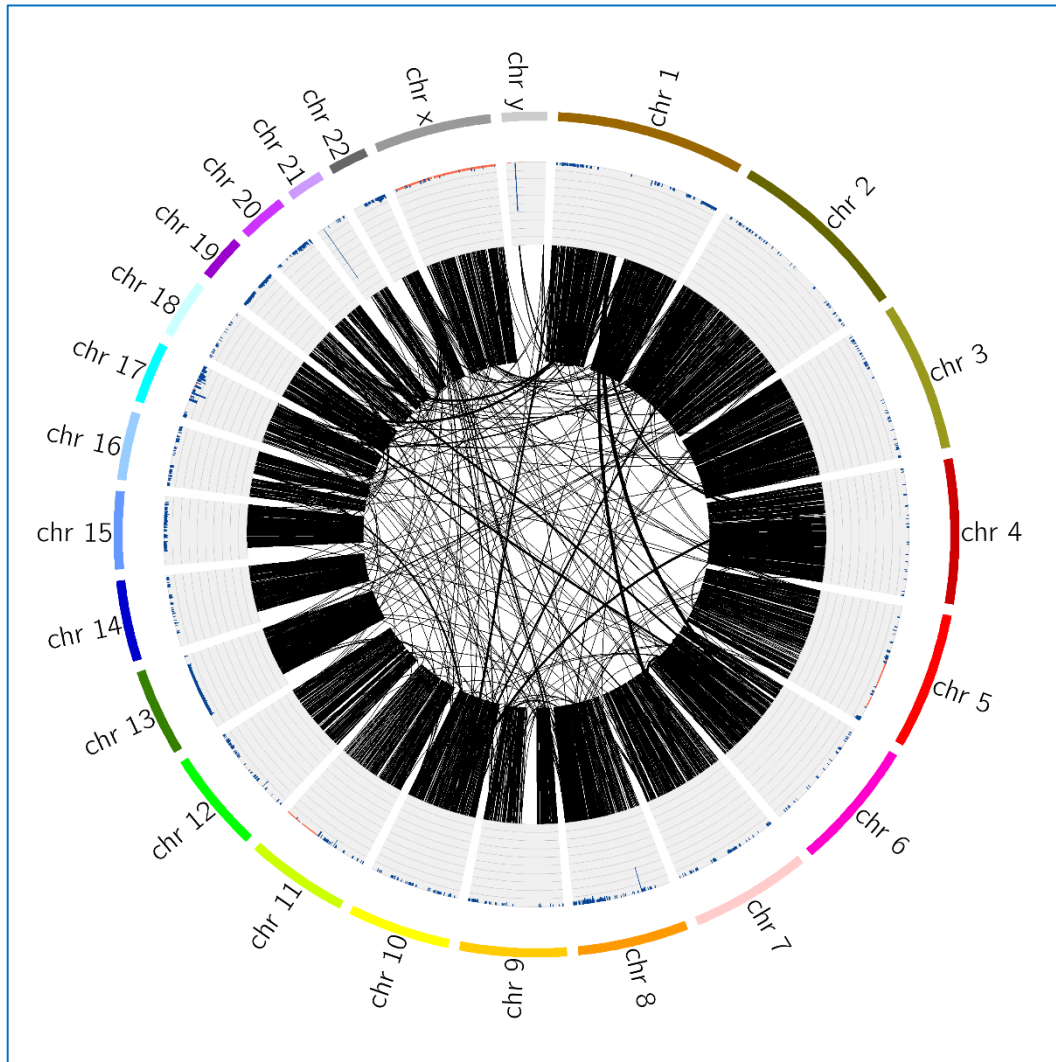
FAST – ERBB2 amplicon

p-3

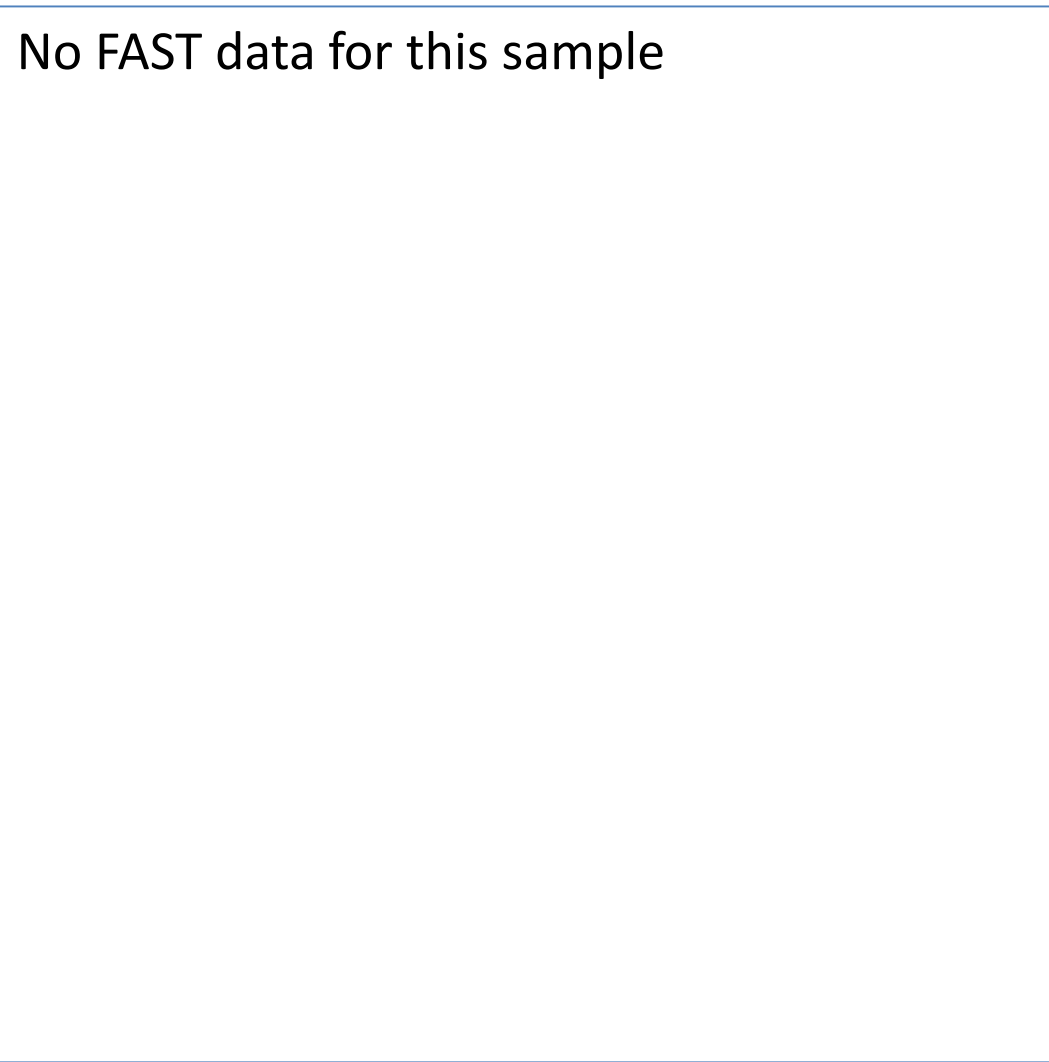


Control-FREEC

p-3



BreakDancer + Control-FREEC



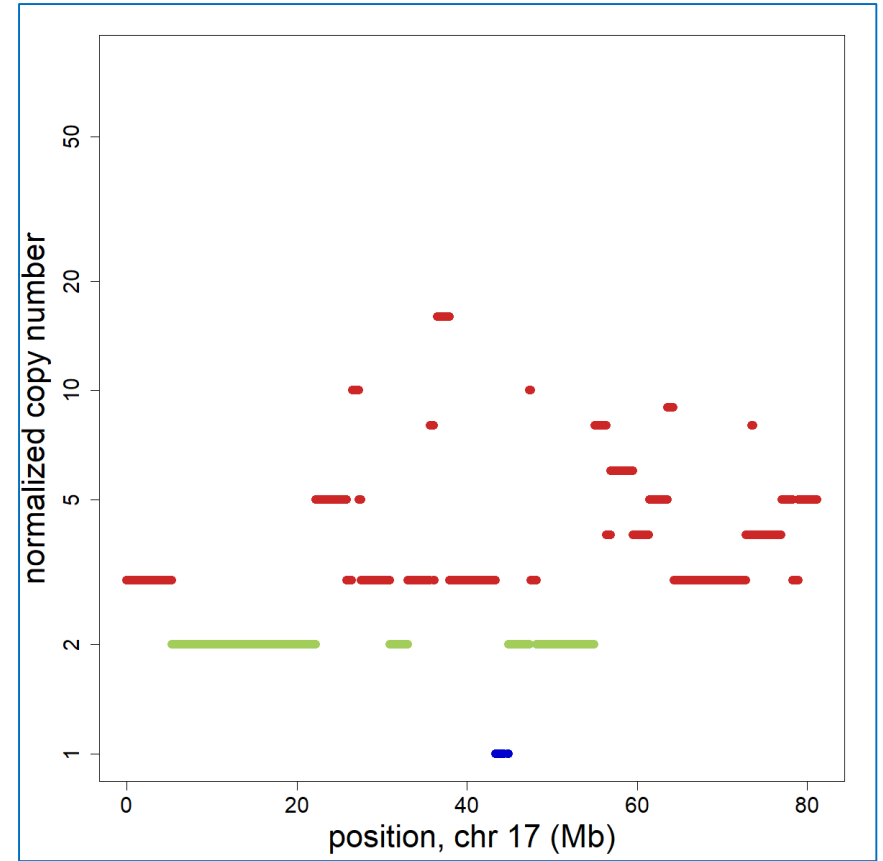
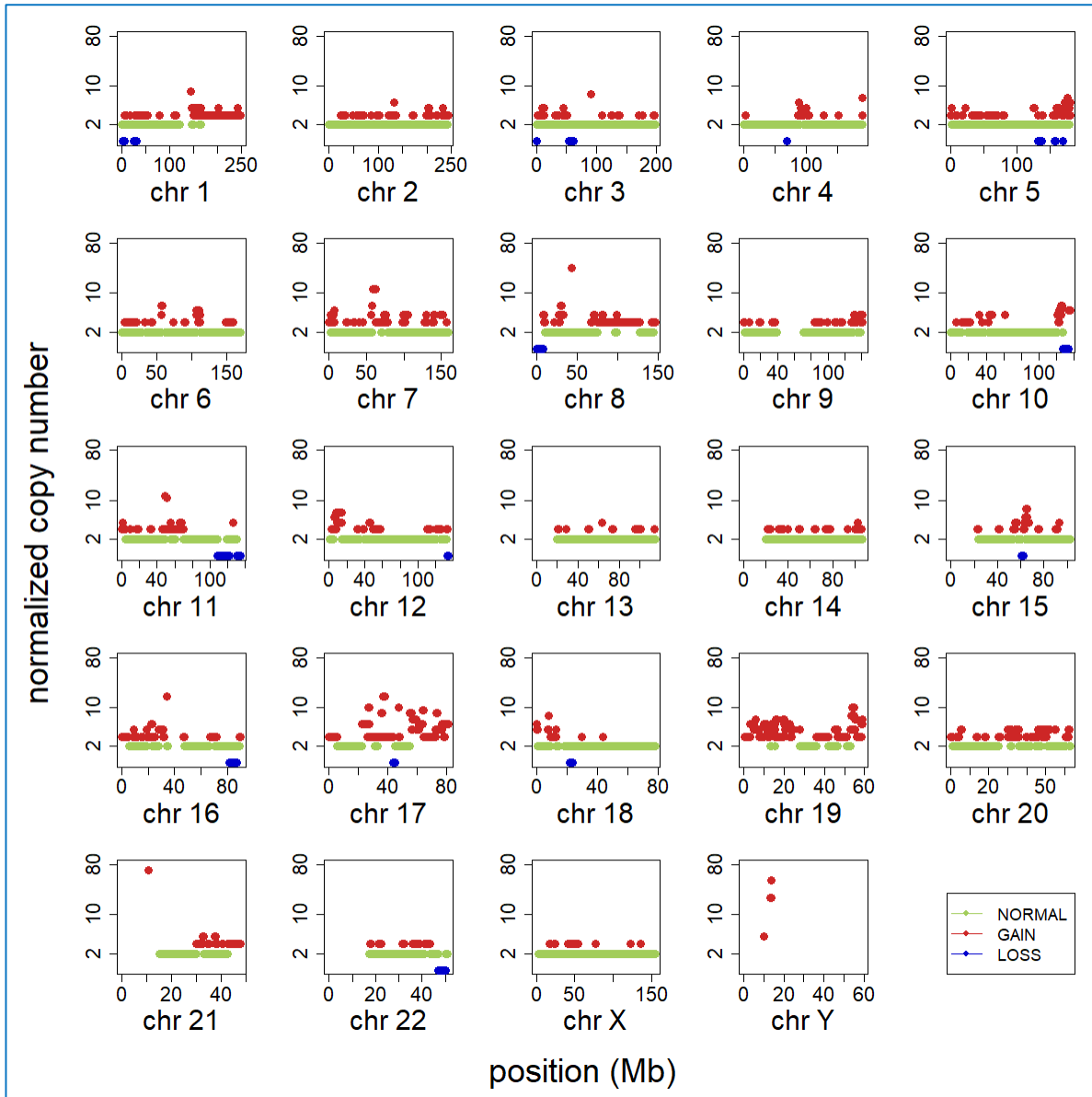
FAST – Whole Genome

p-3

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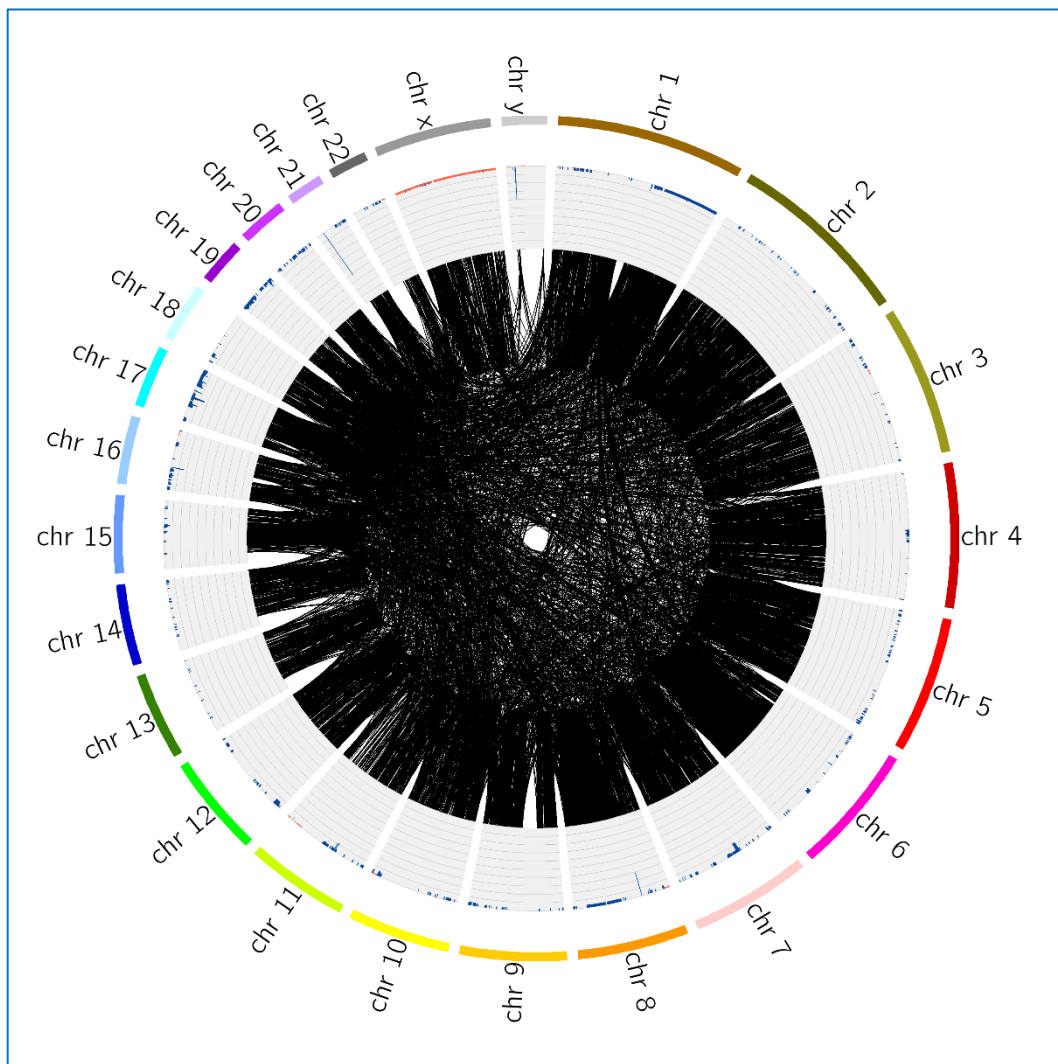
FAST – ERBB2 amplicon

p-5

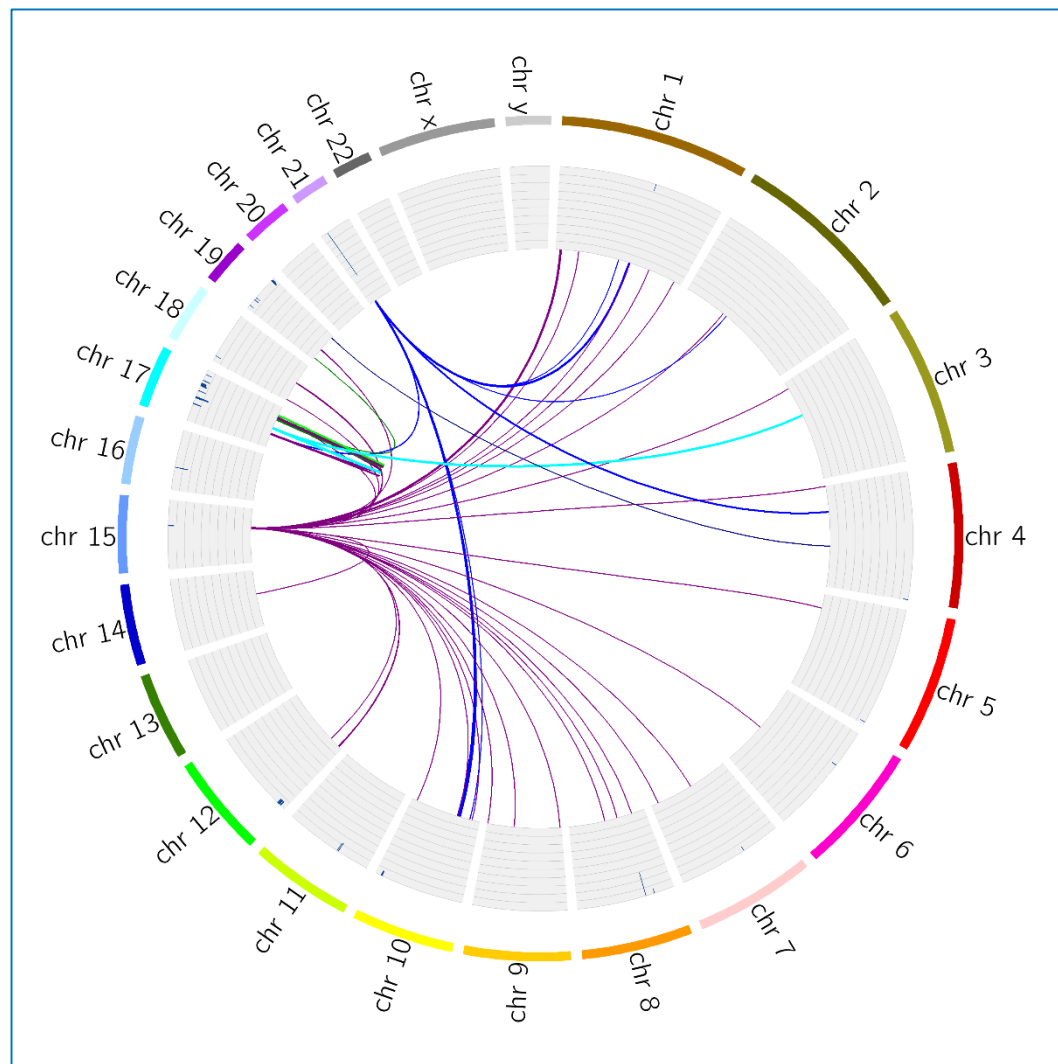


Control-FREEC

p-5

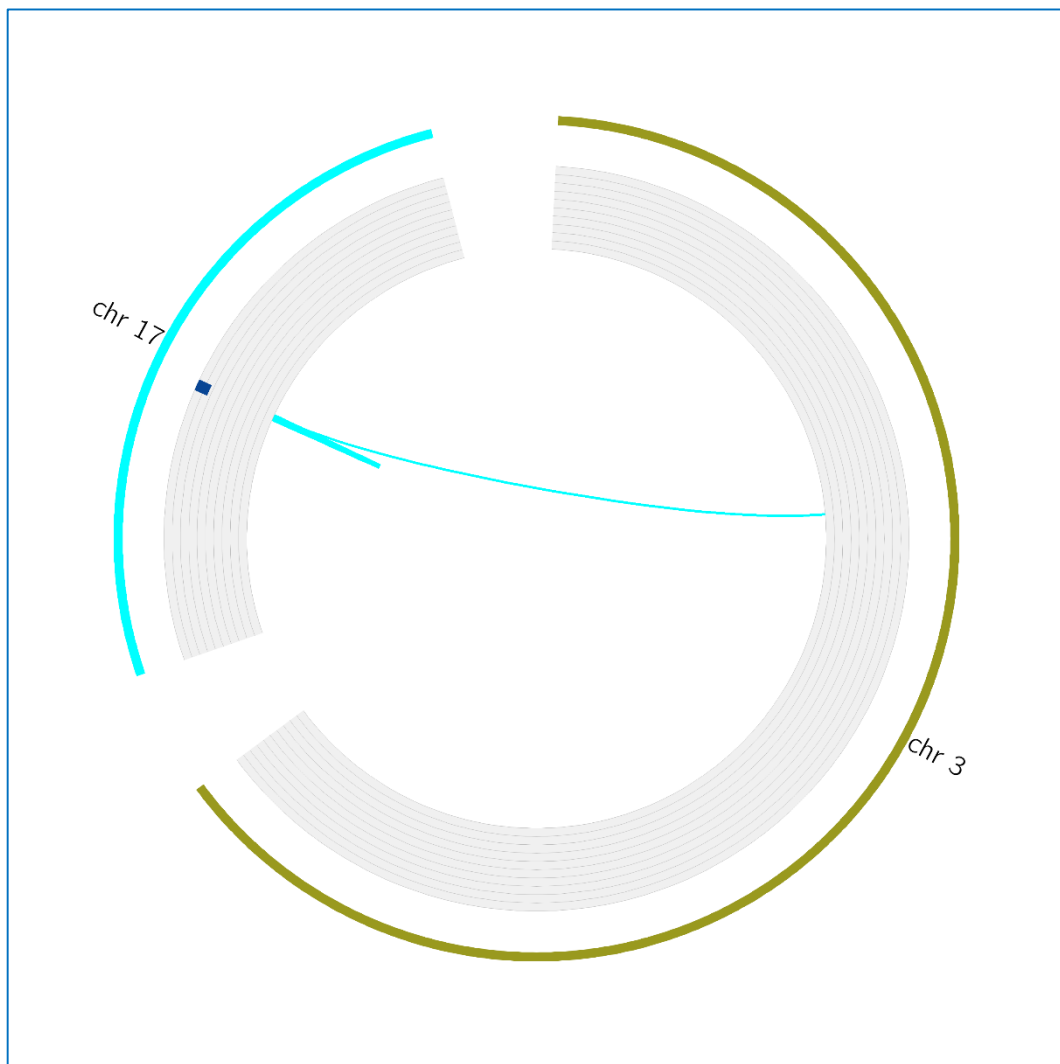


BreakDancer + Control-FREEC



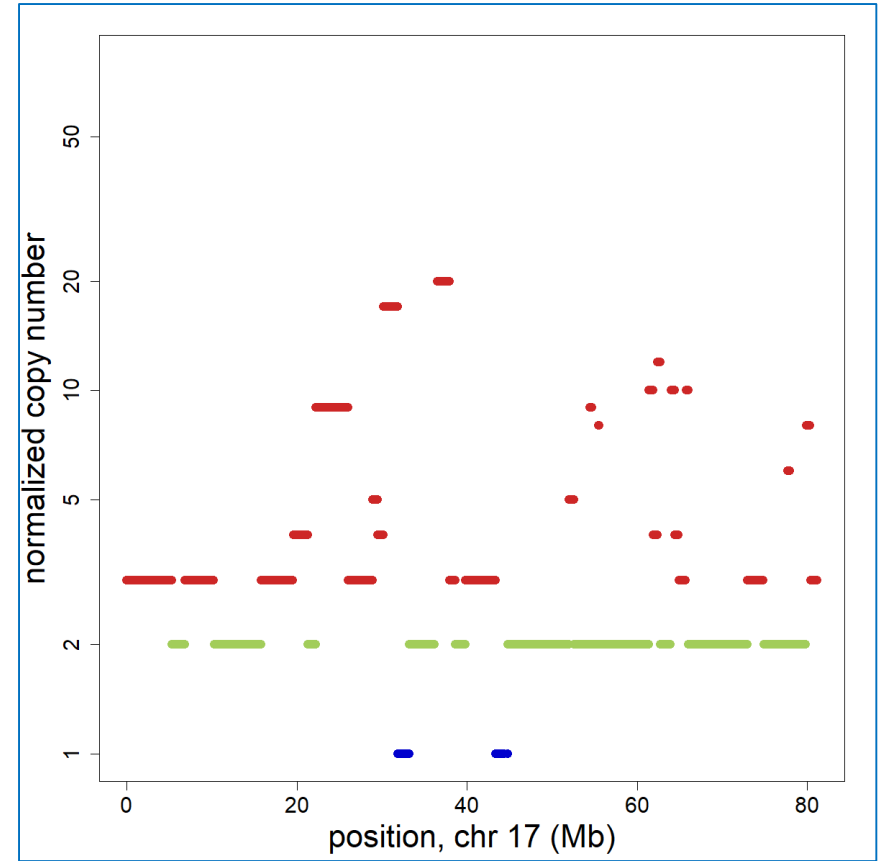
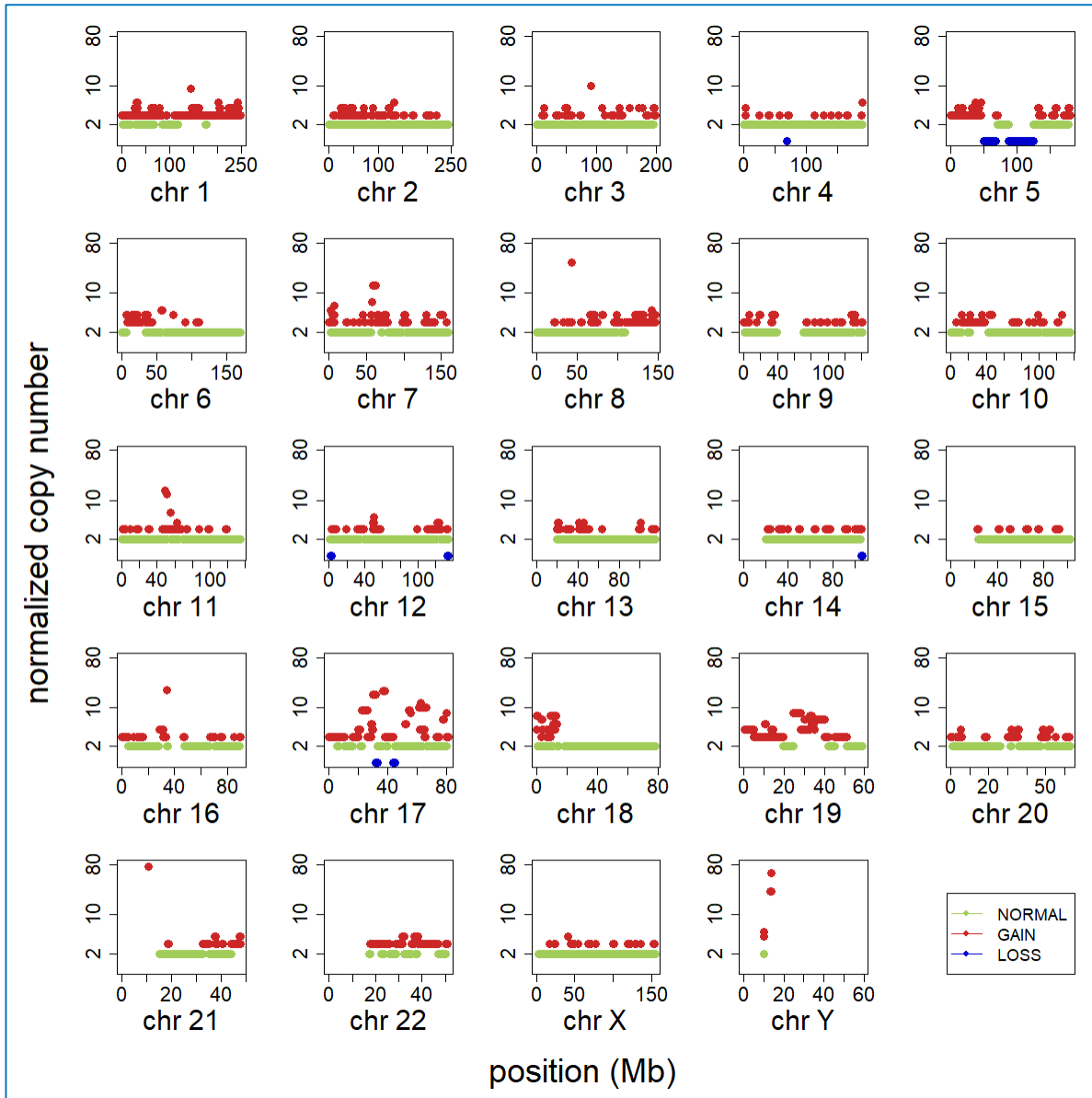
FAST - Whole Genome

p-5



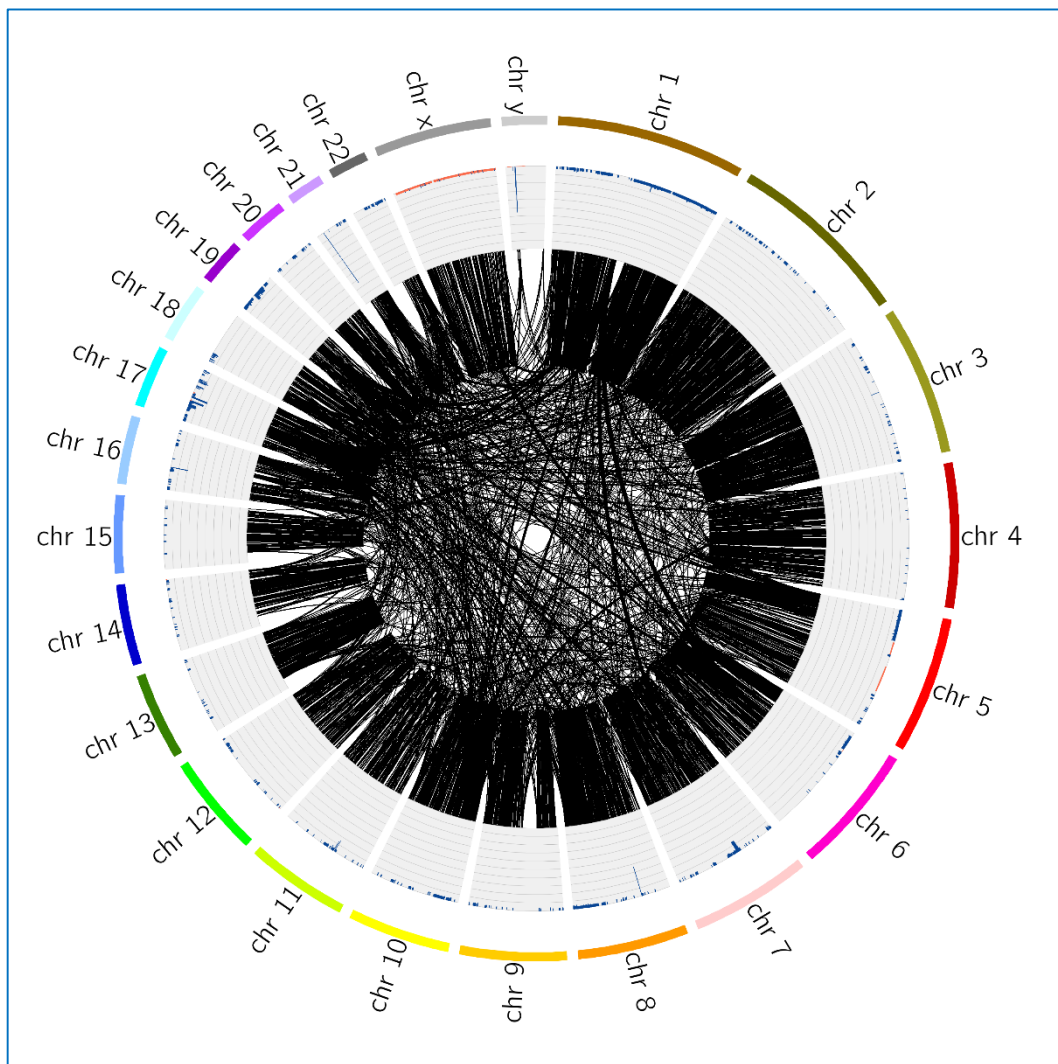
FAST – ERBB2 amplicon

p-6

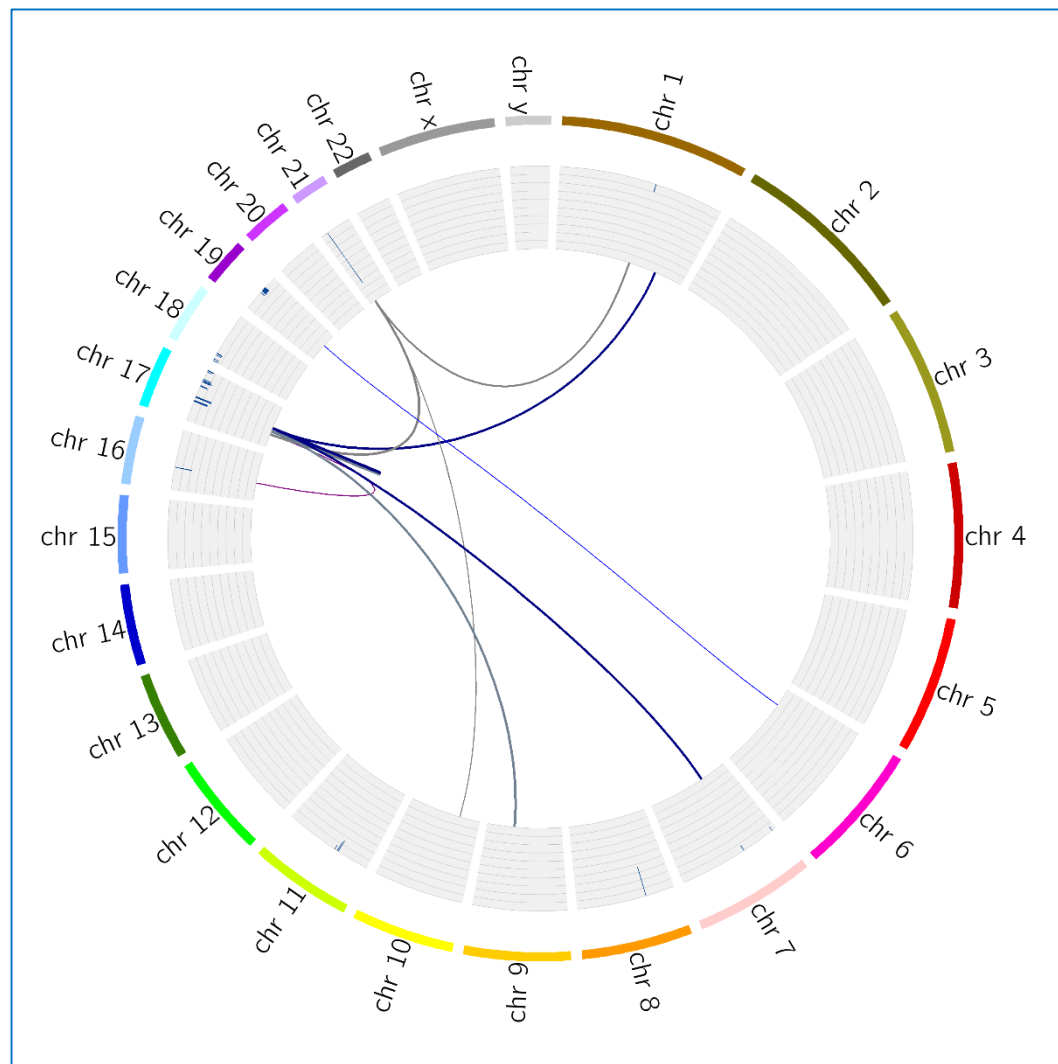


Control-FREEC

p-6

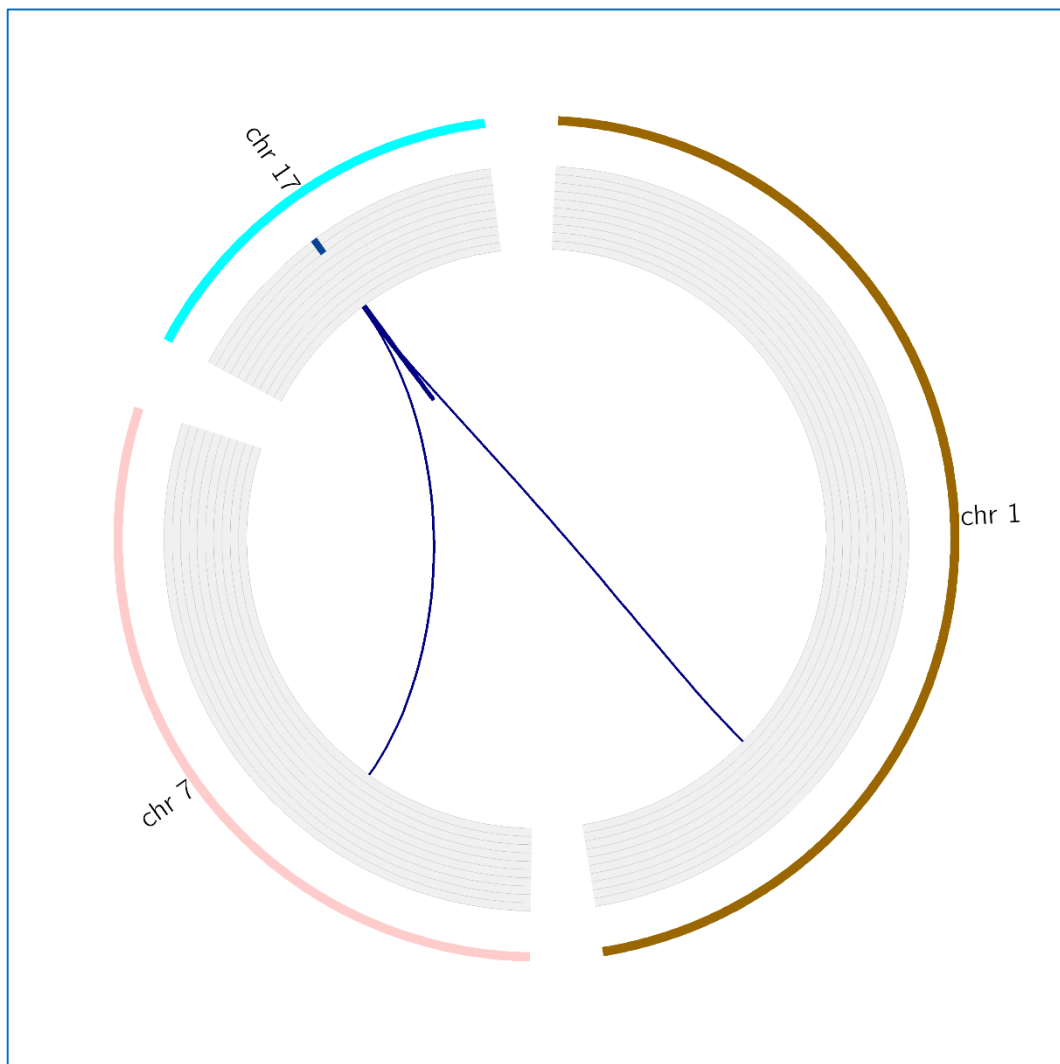


BreakDancer + Control-FREEC



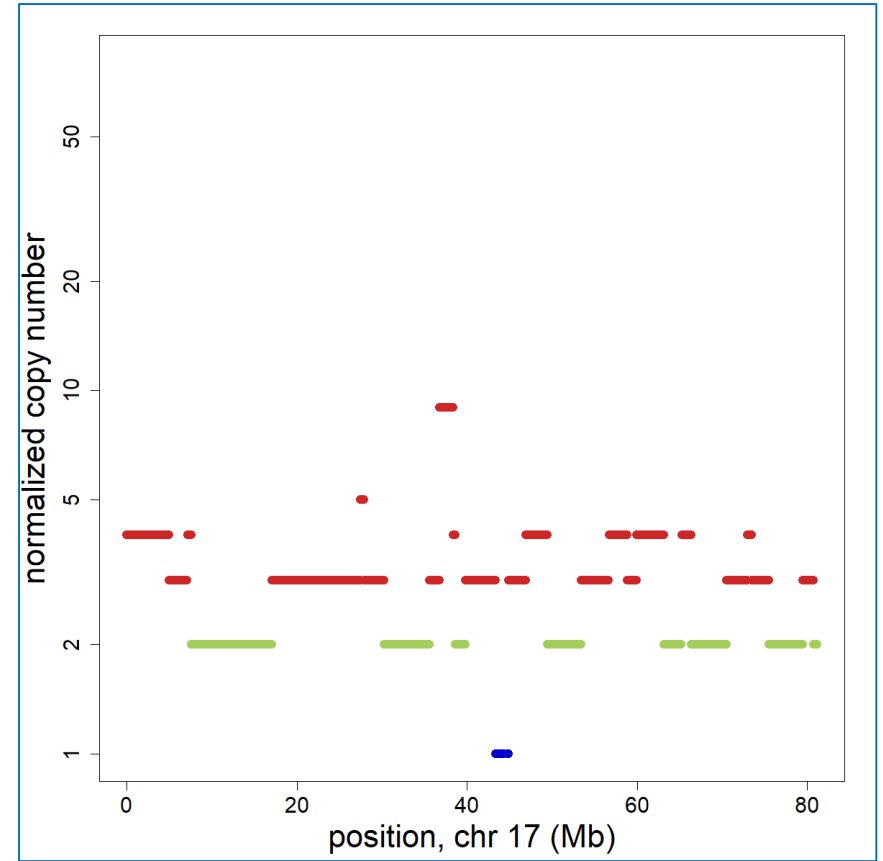
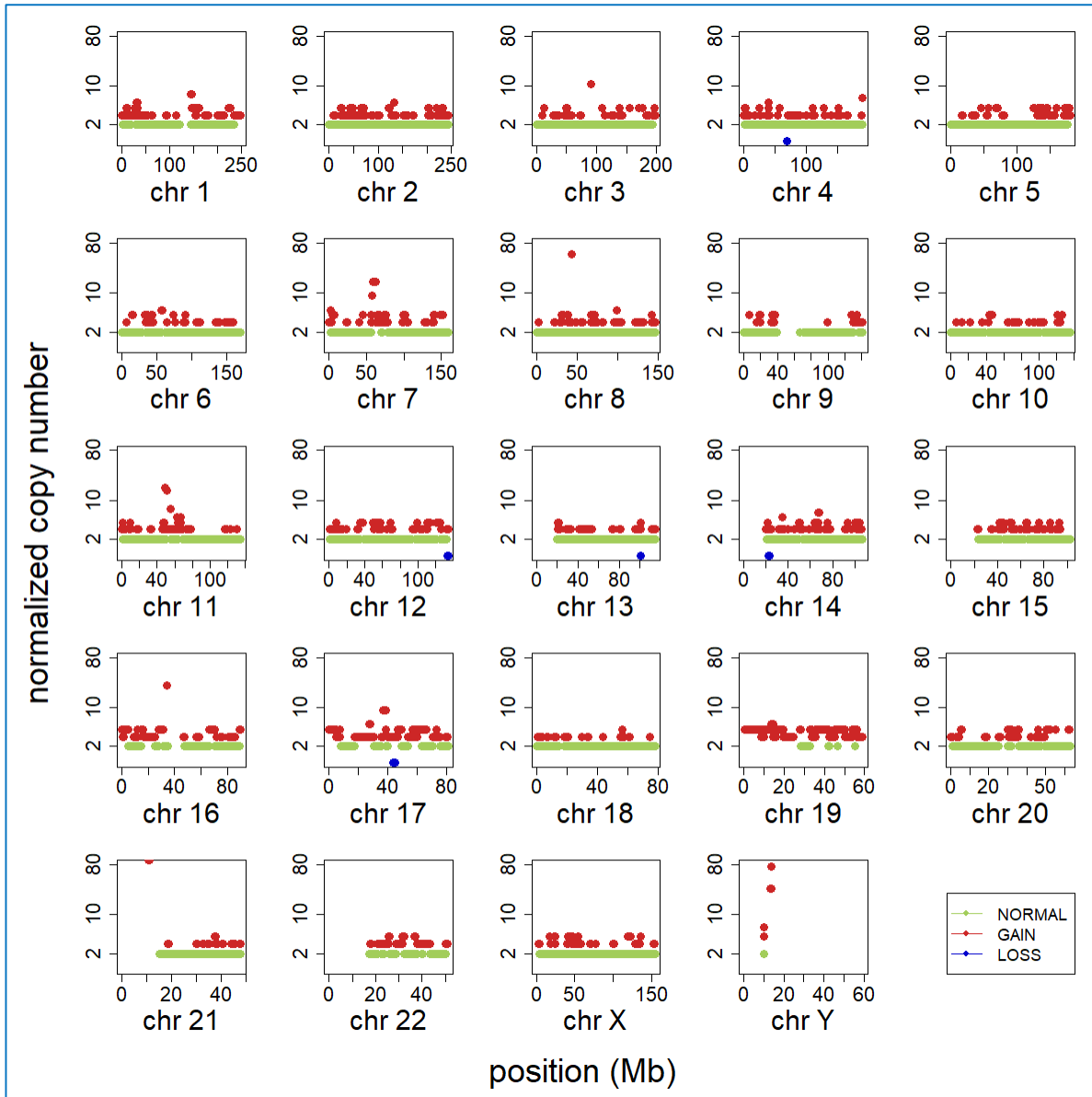
FAST - Whole Genome

p-6



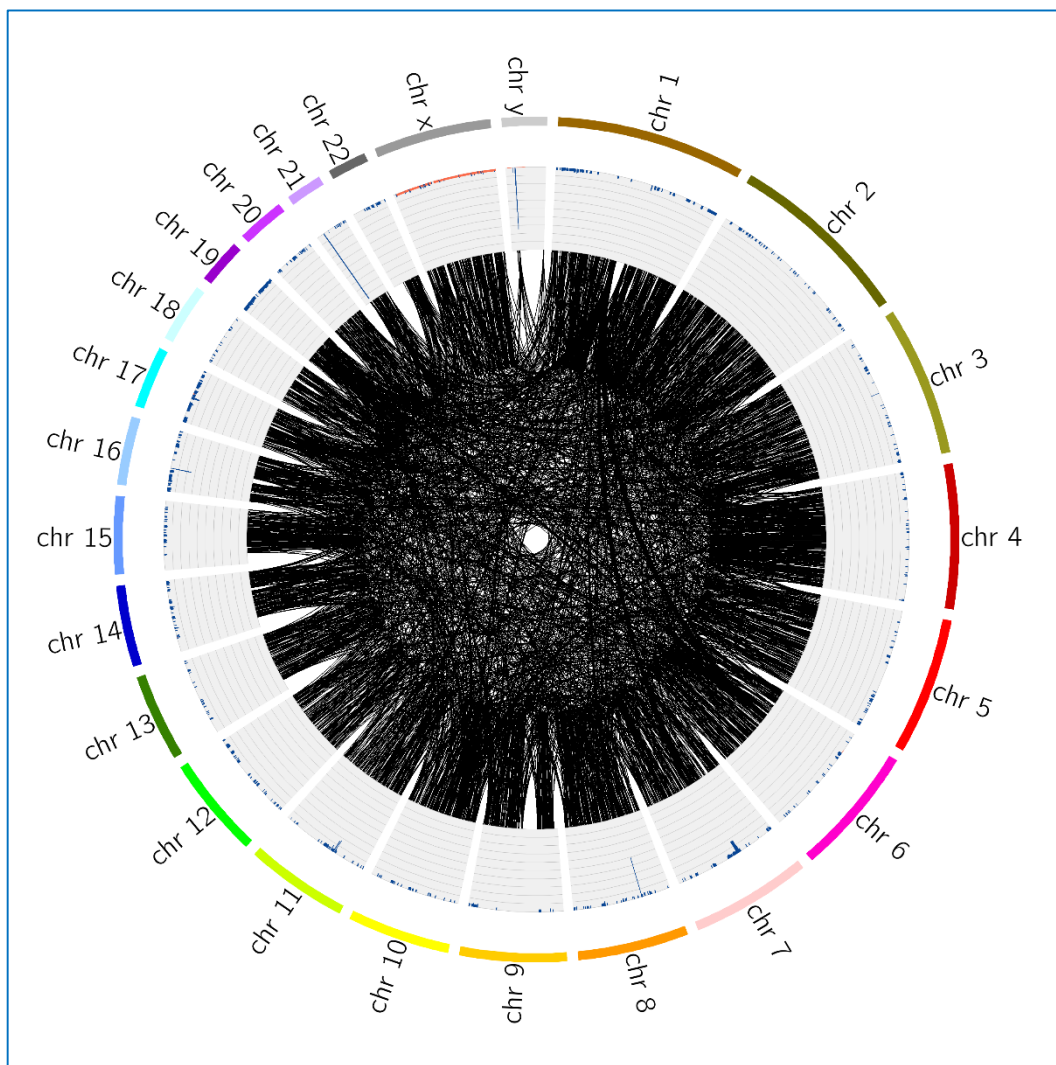
FAST – ERBB2 amplicon

p-8

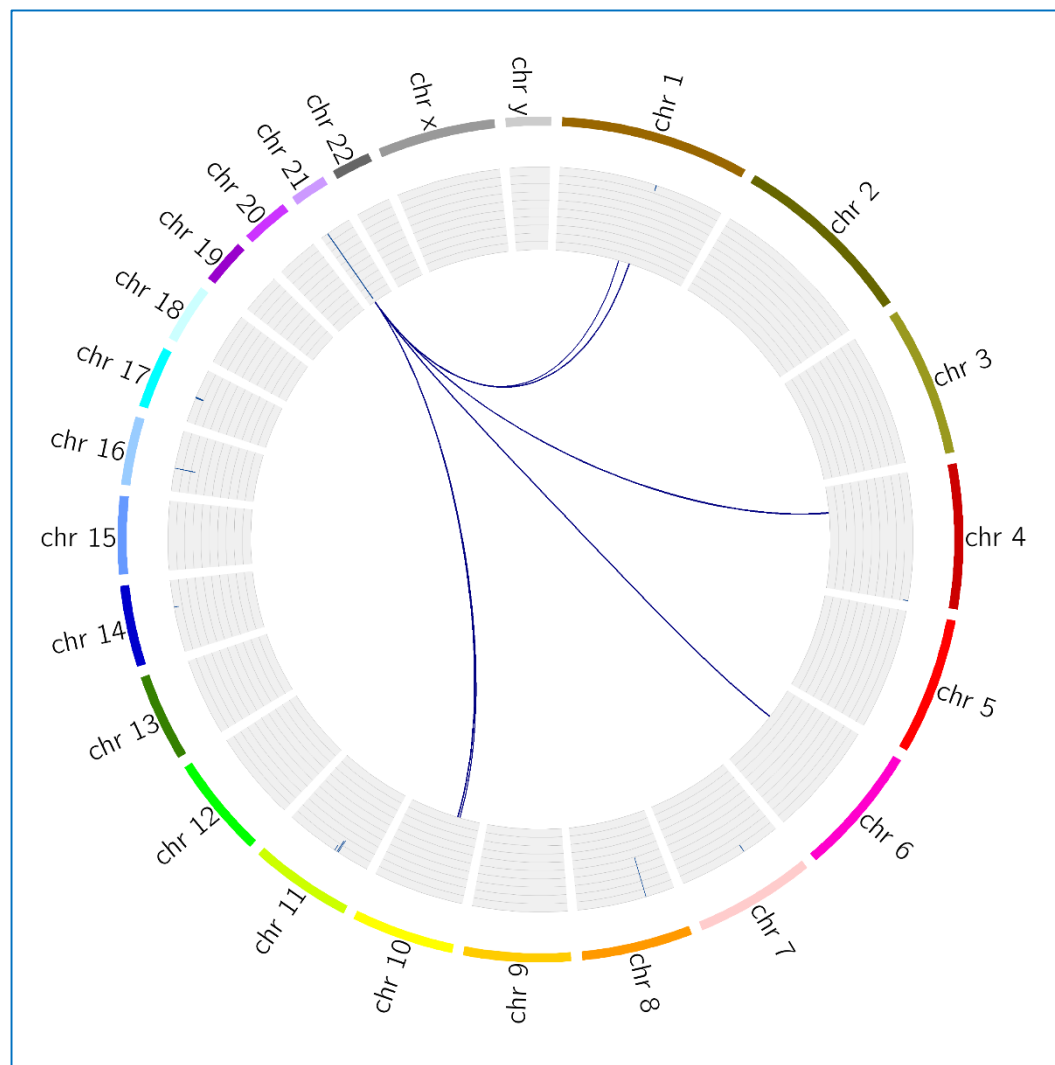


Control-FREEC

p-8

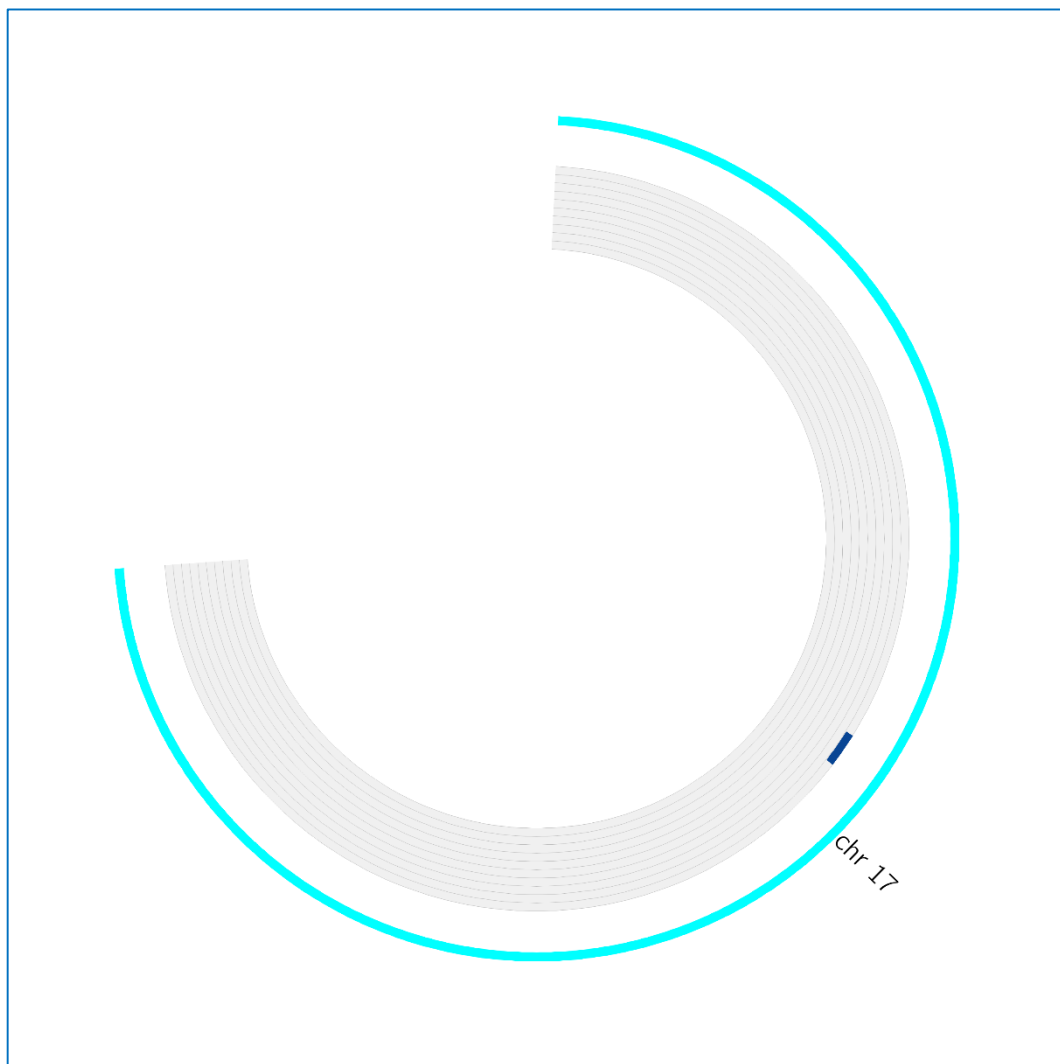


BreakDancer + Control-FREEC



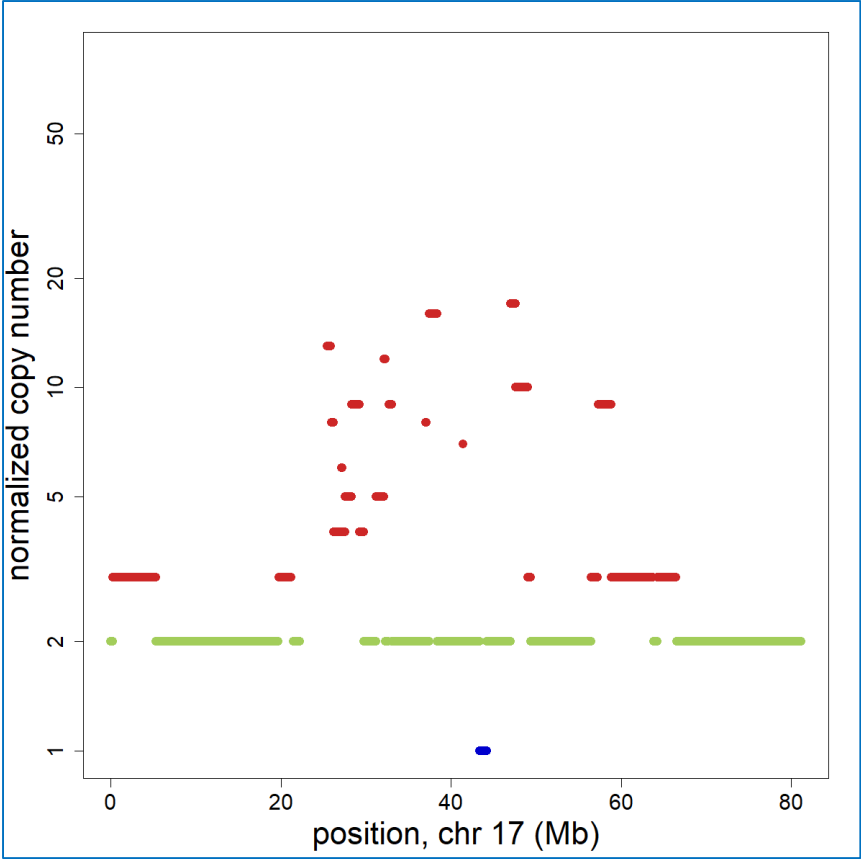
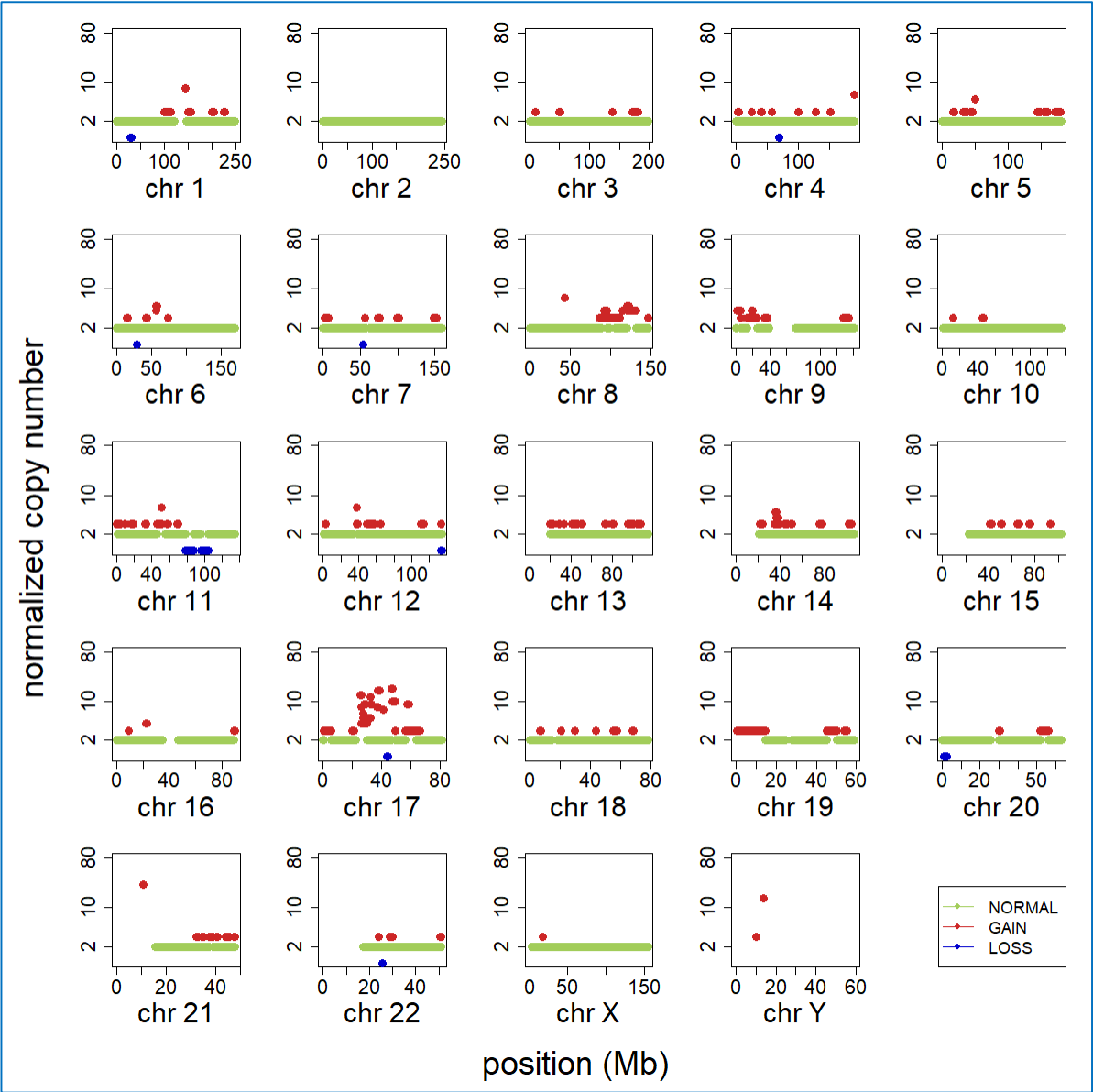
FAST - Whole Genome

p-8



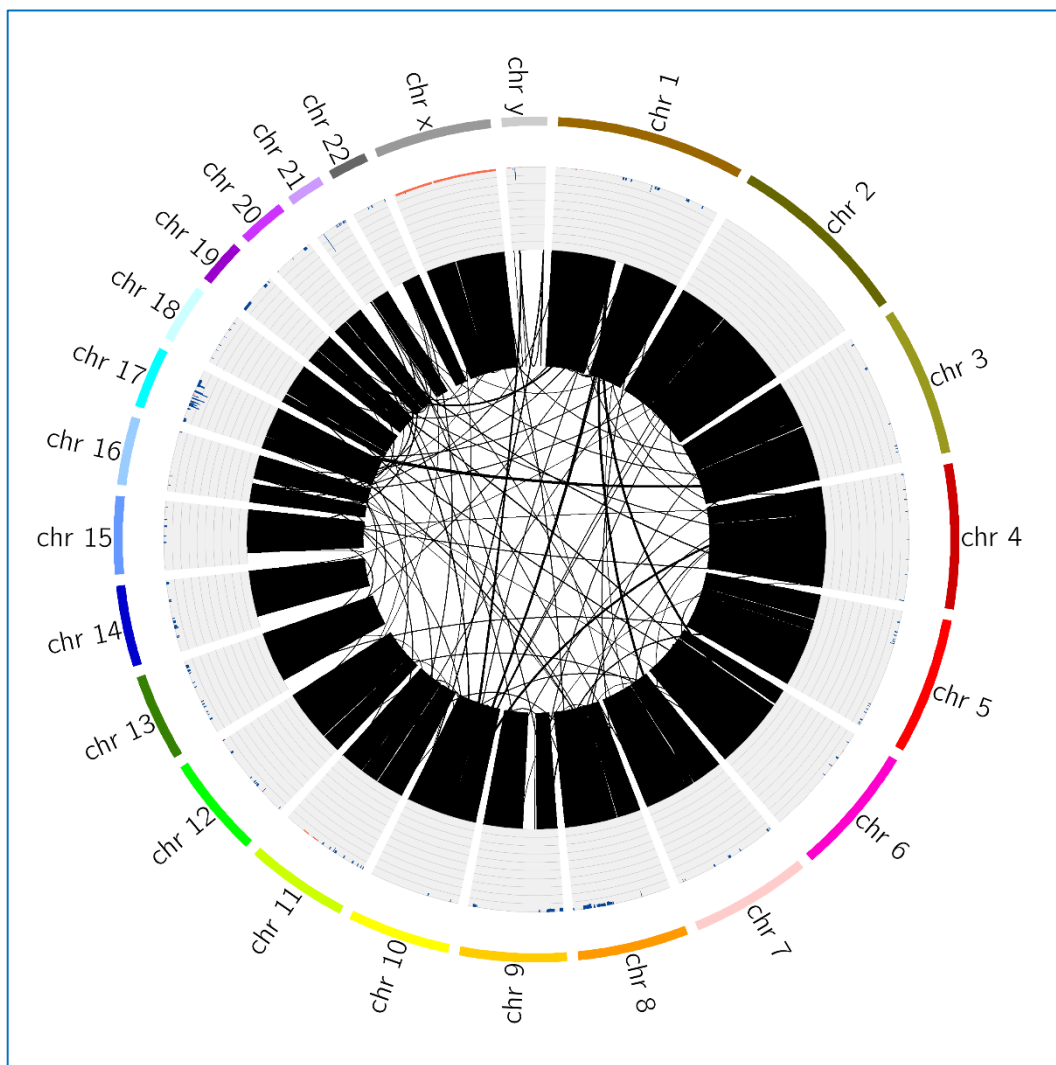
FAST – ERBB2 amplicon

m-11

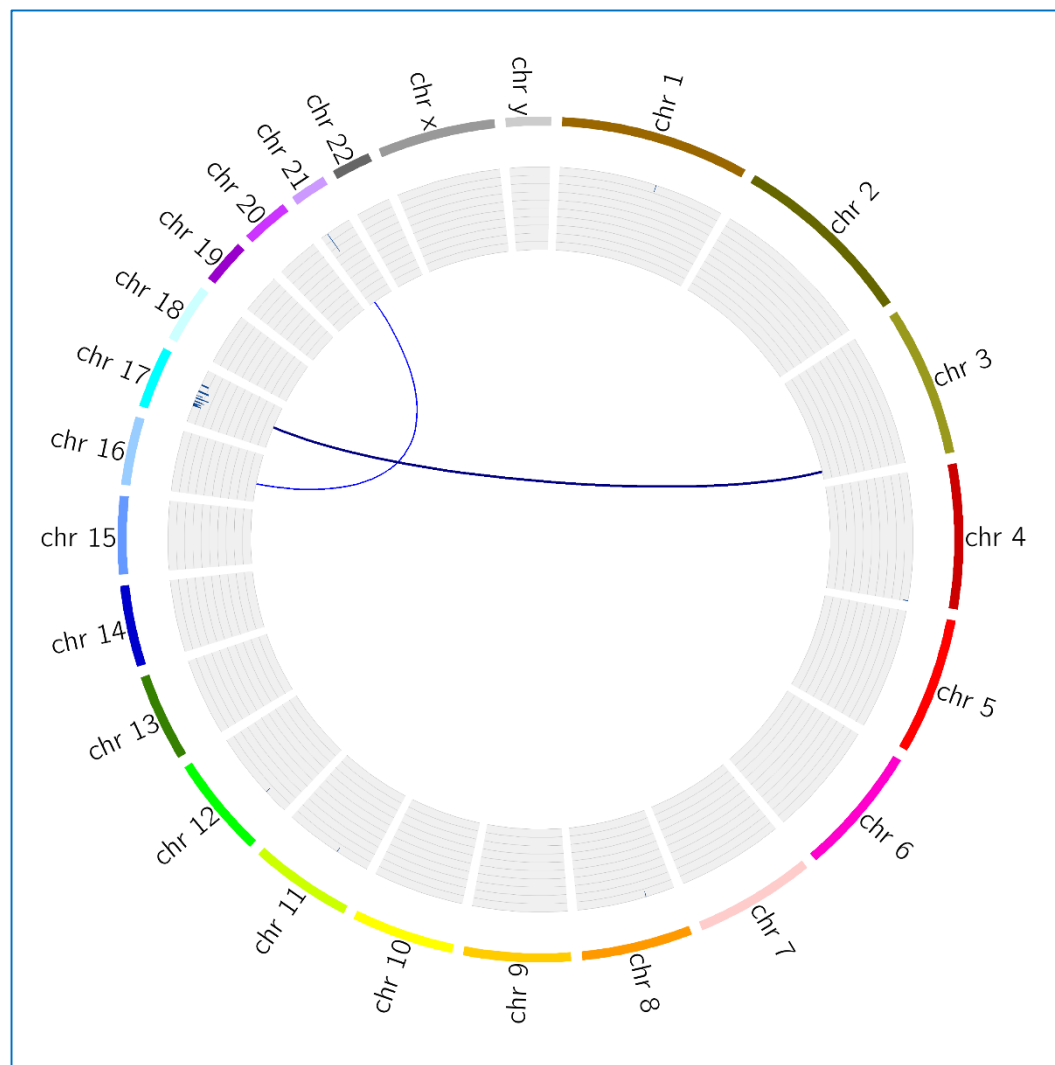


Control-FREEC

m-11

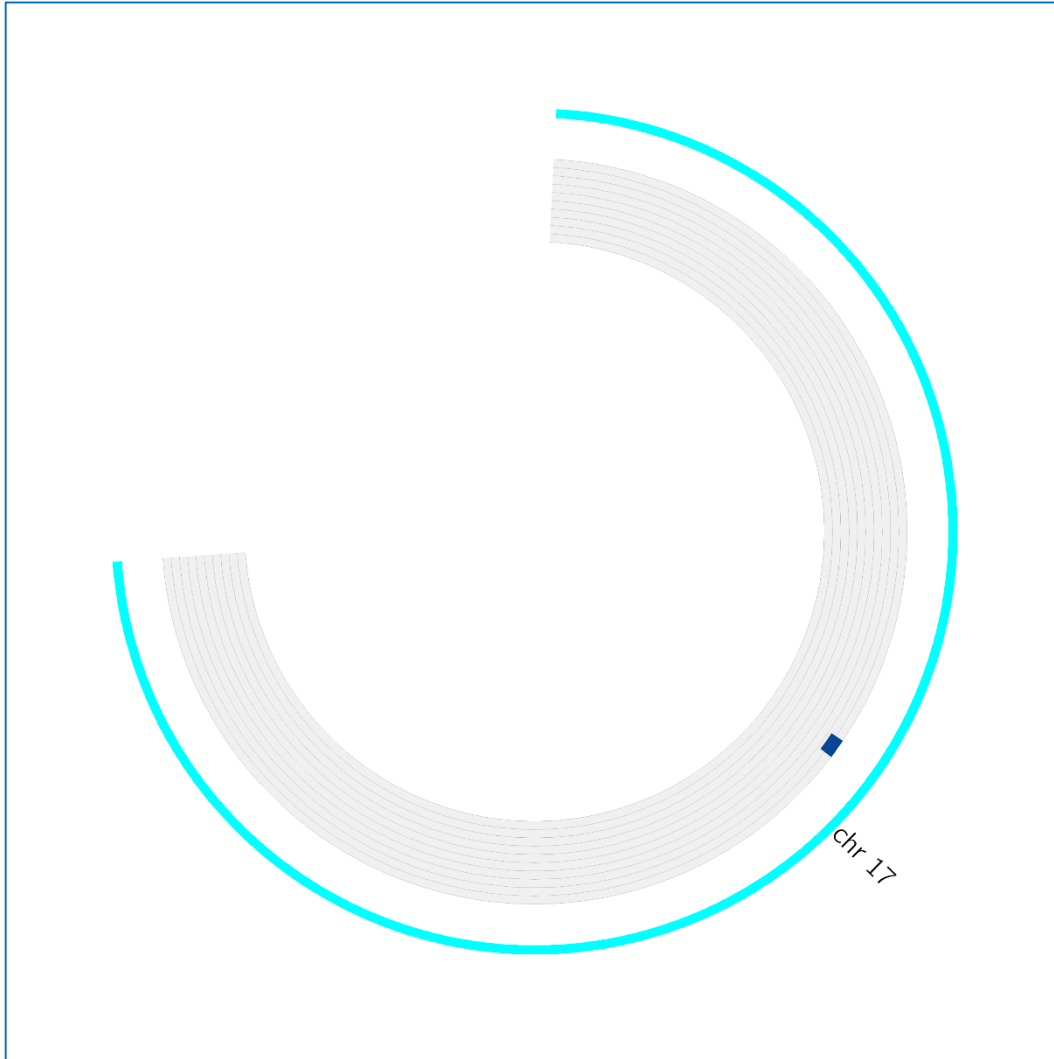


BreakDancer + Control-FREEC



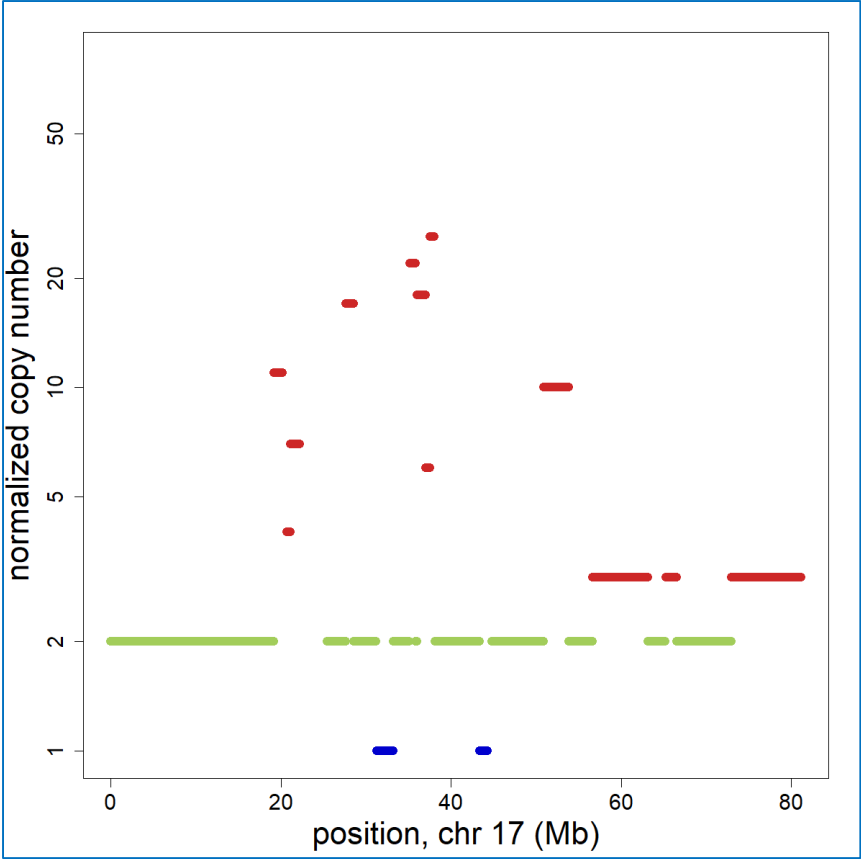
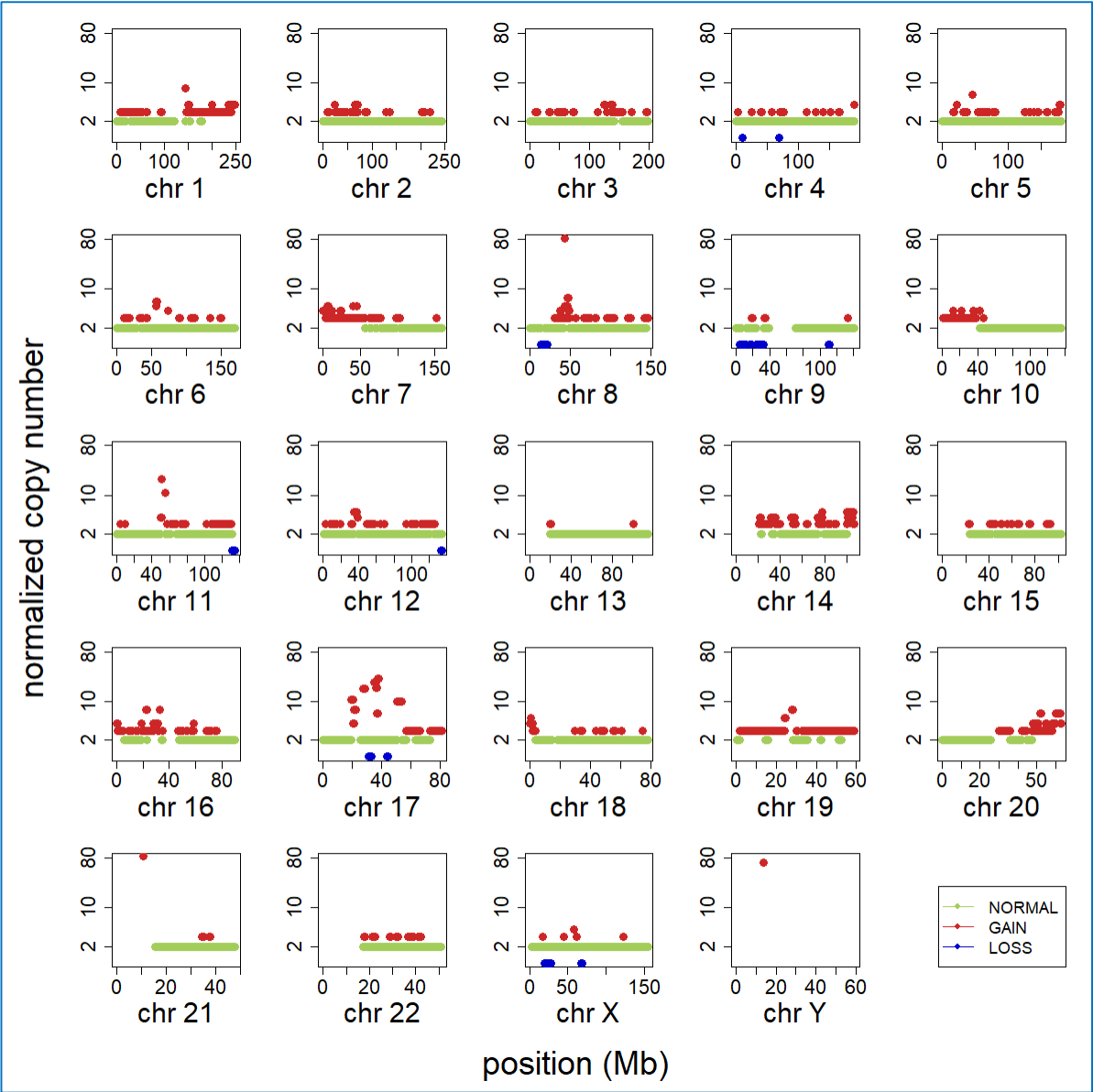
FAST – Whole Genome

m-11



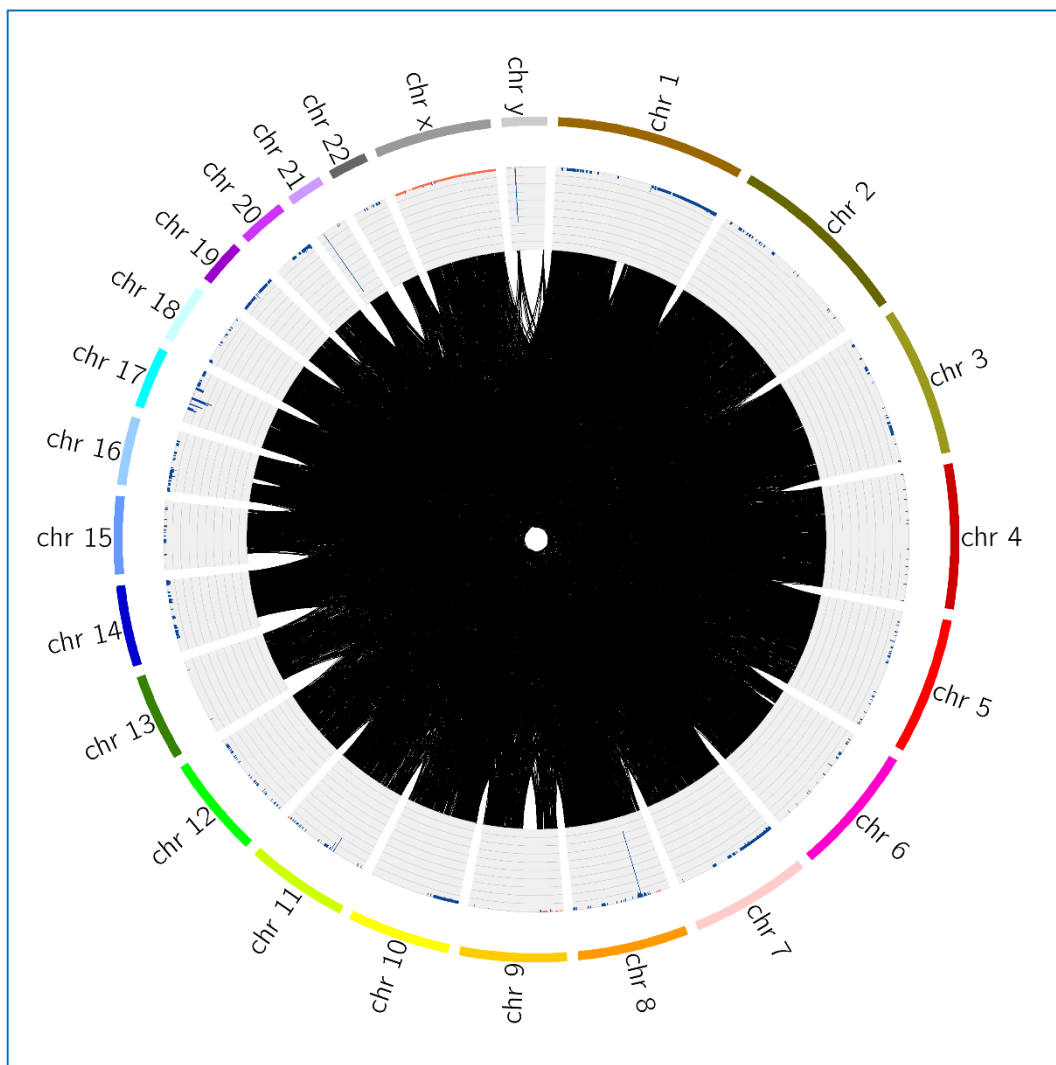
FAST – ERBB2 amplicon

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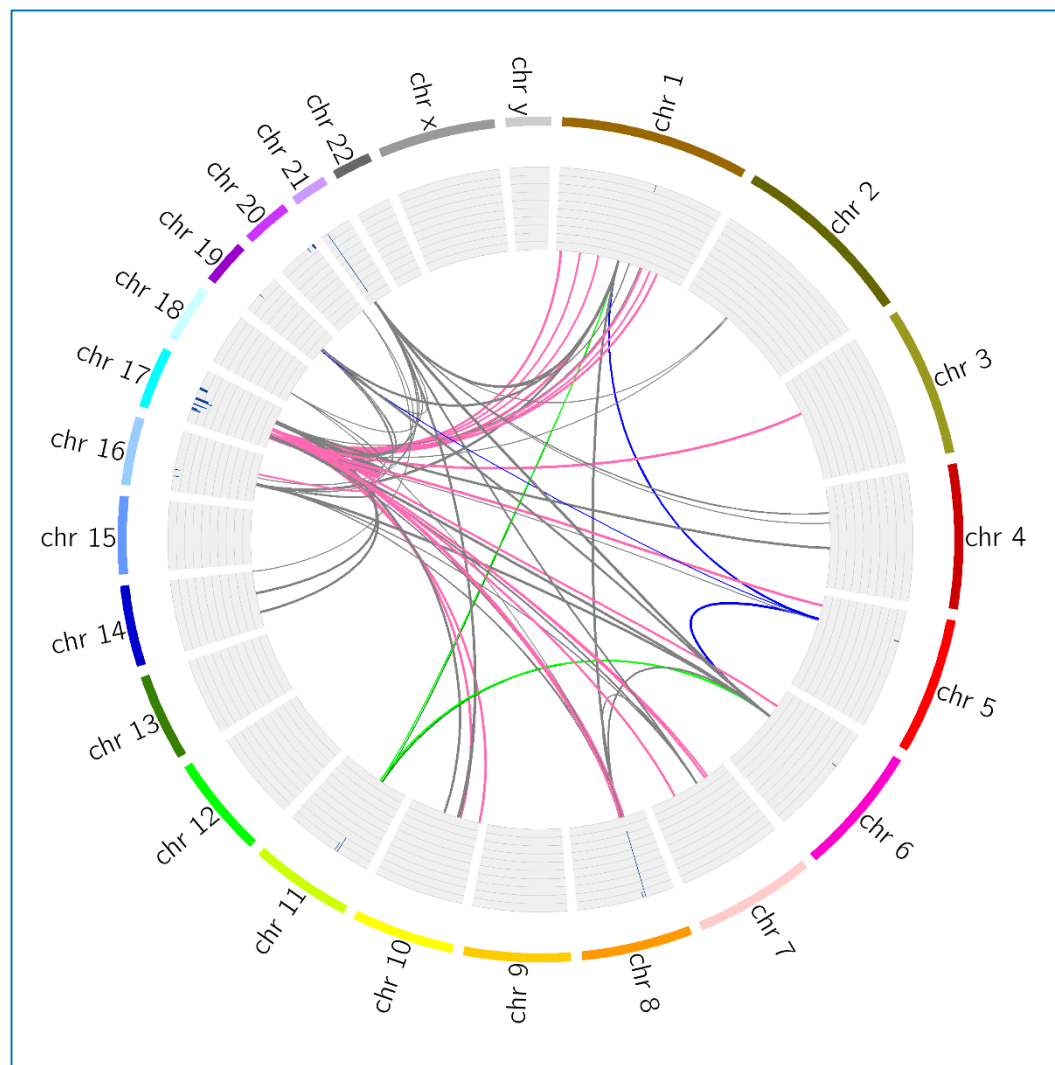


Control-FREEC

m-12

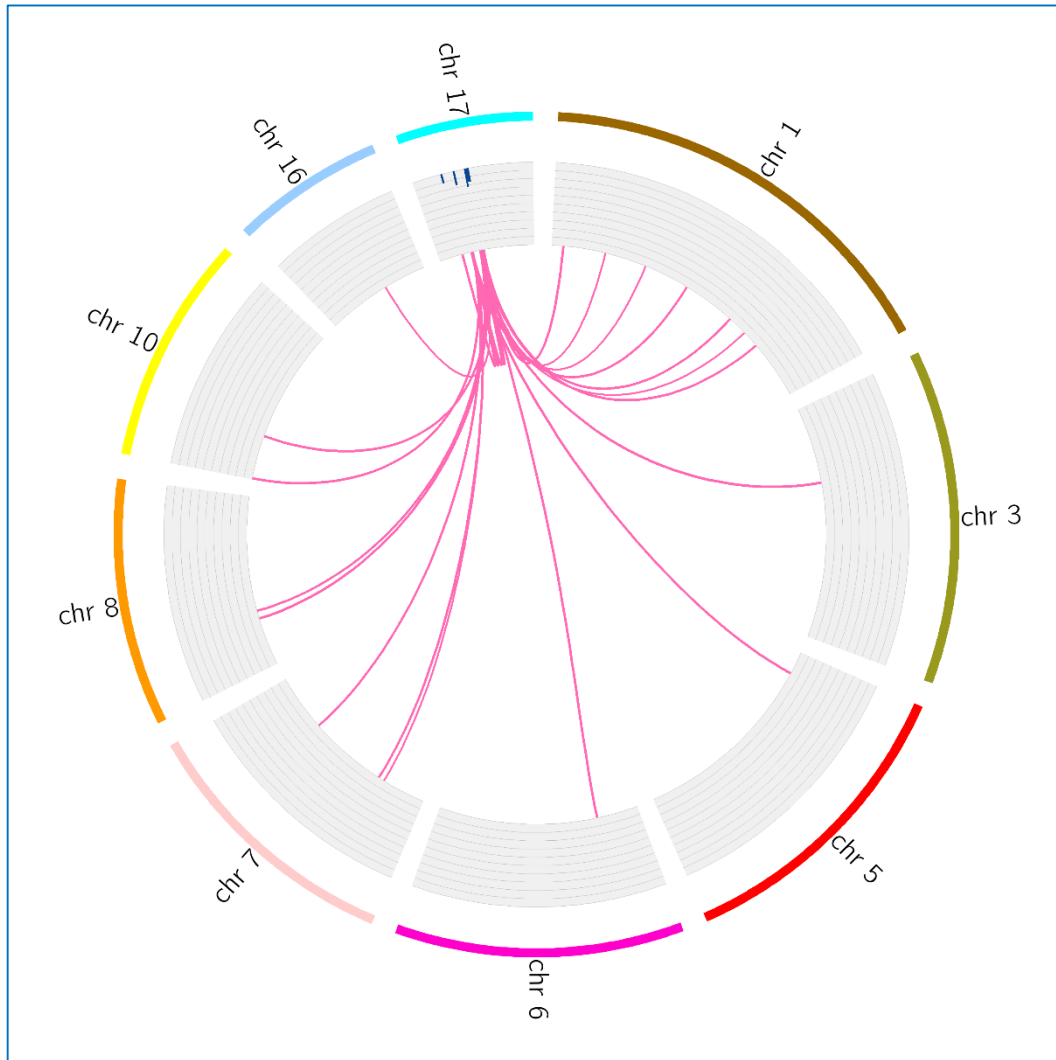


BreakDancer + Control-FREEC



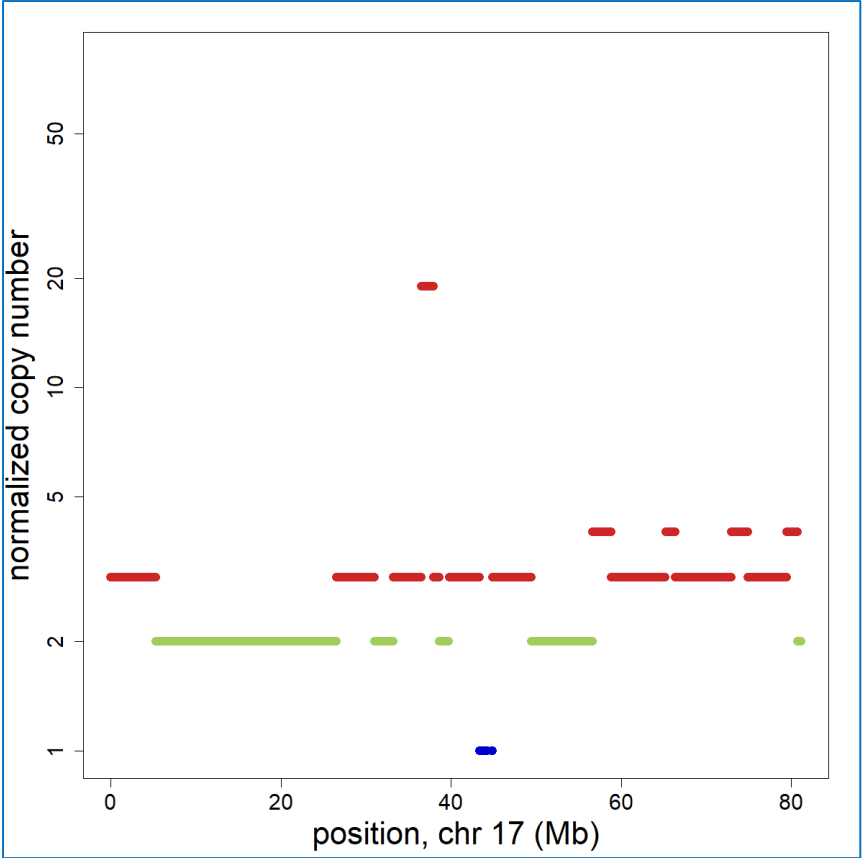
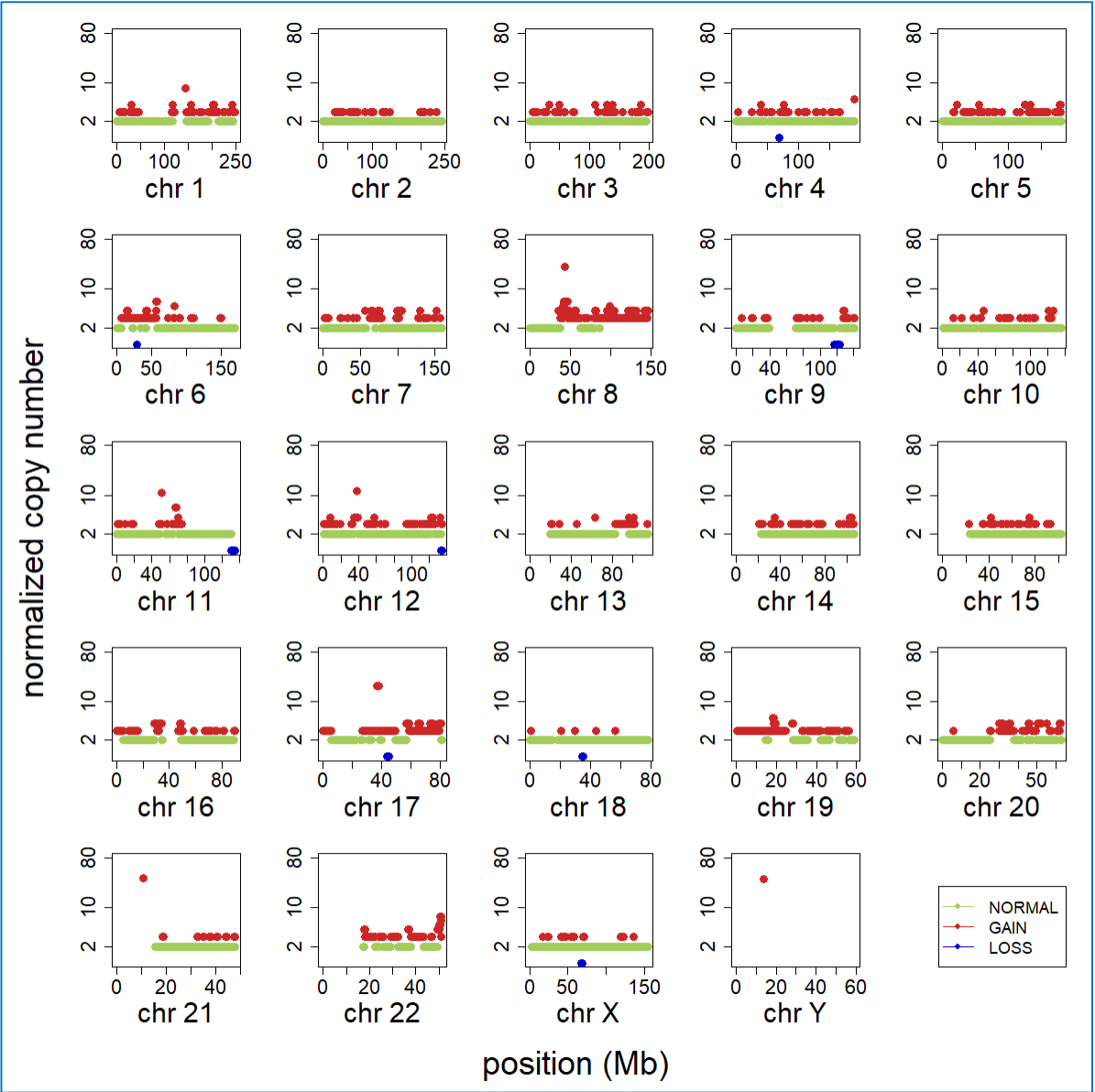
FAST - Whole Genome

m-12



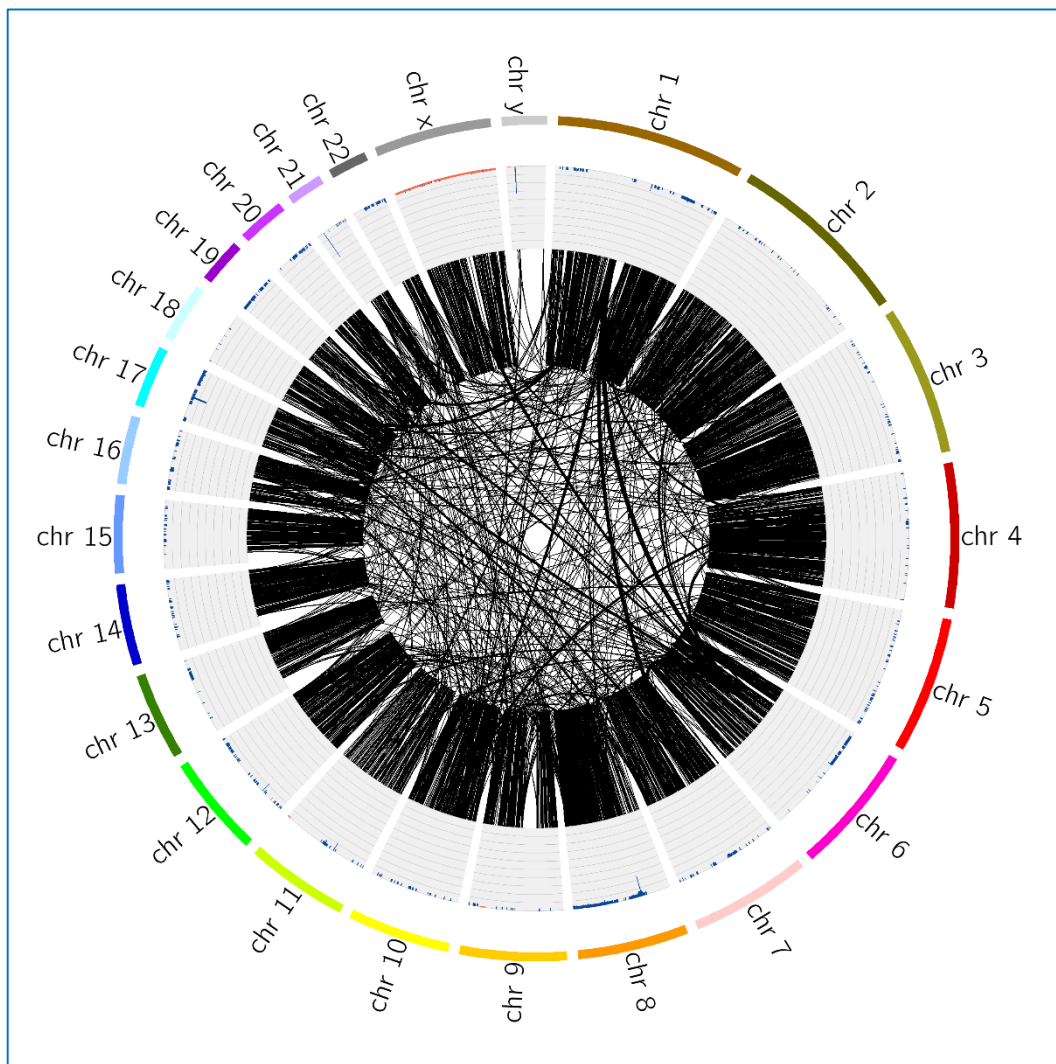
FAST – ERBB2 amplicon

m-13

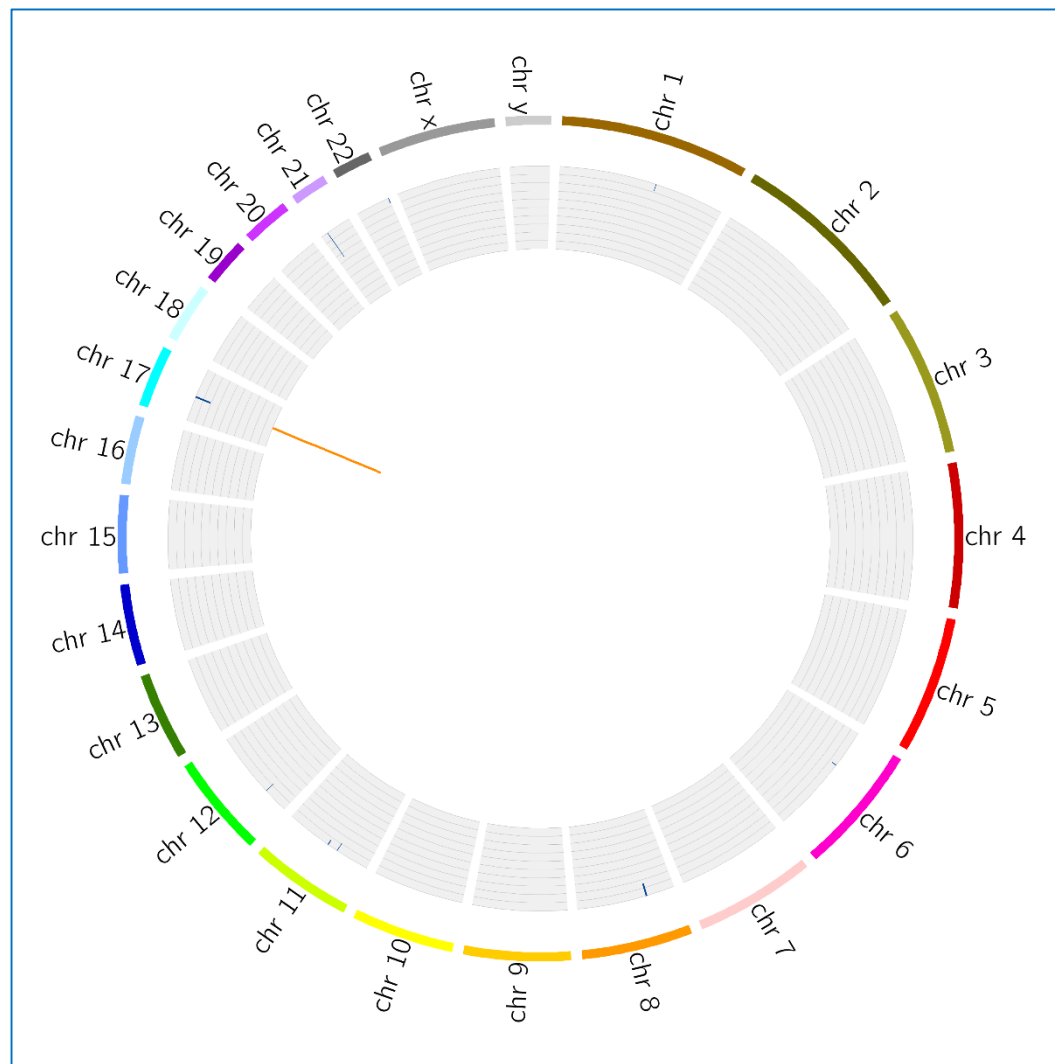


Control-FREEC

m-13

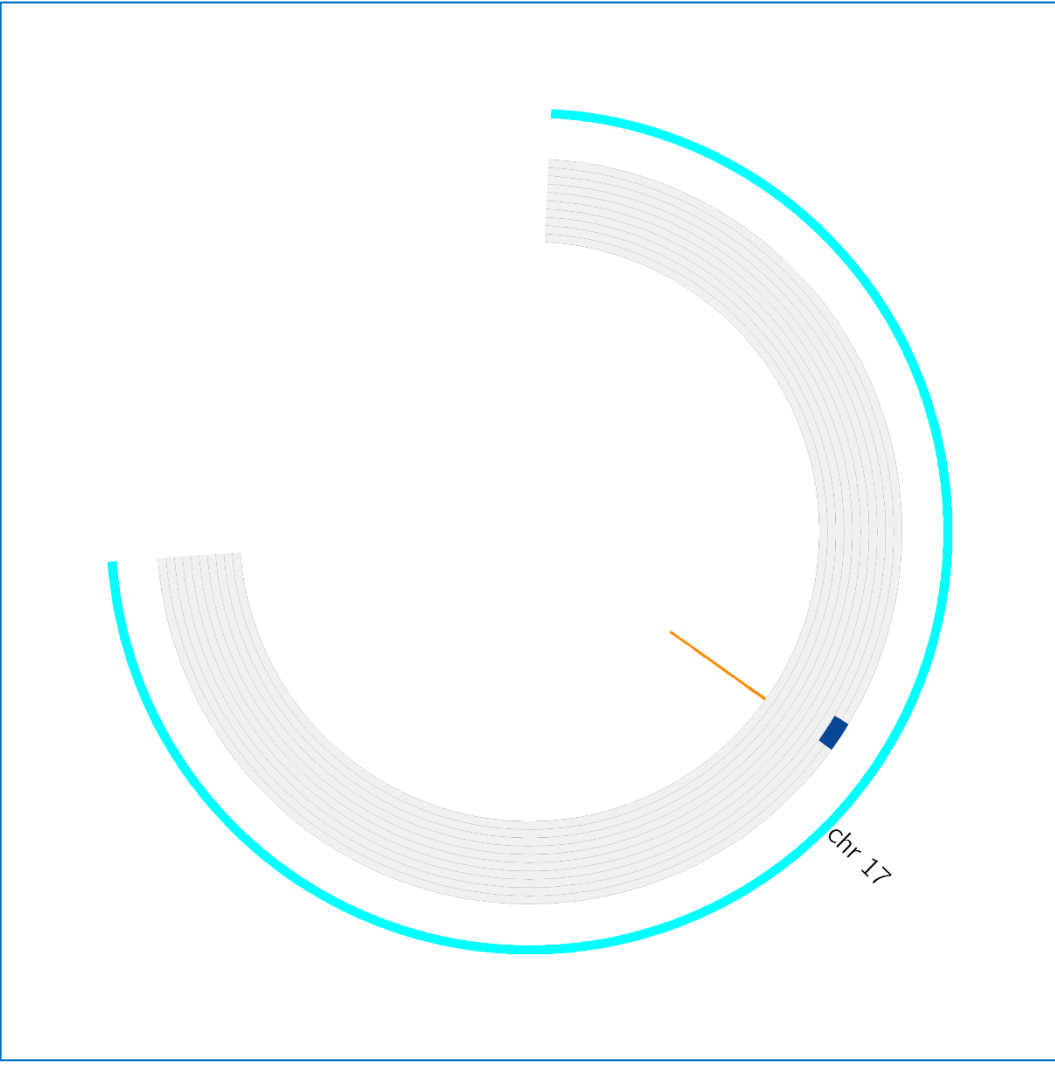


BreakDancer + Control-FREEC



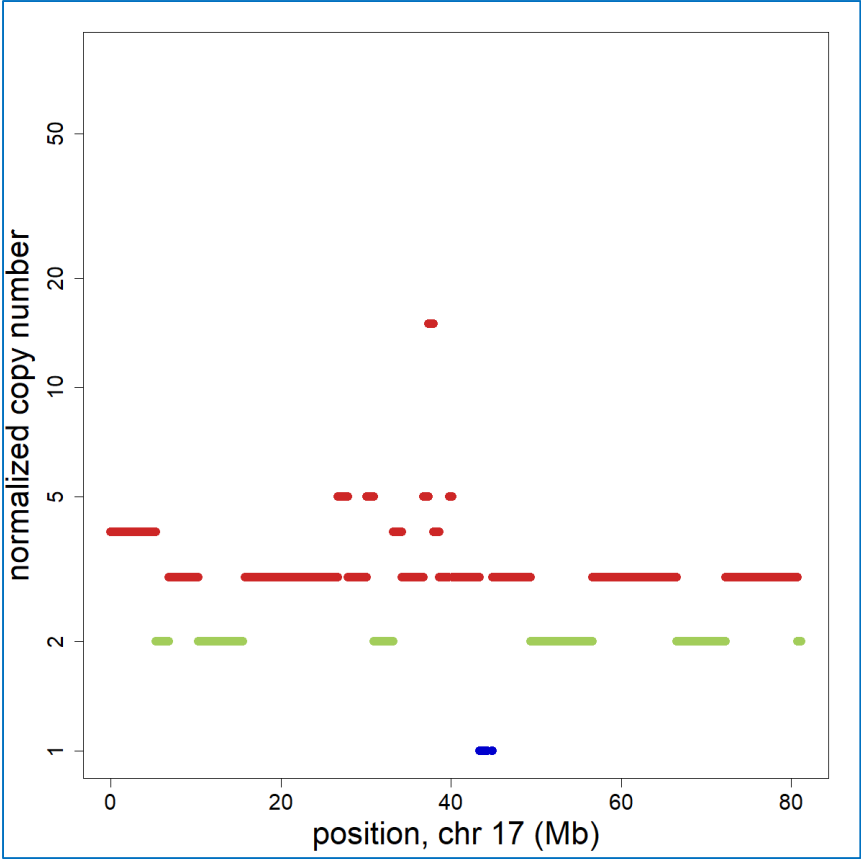
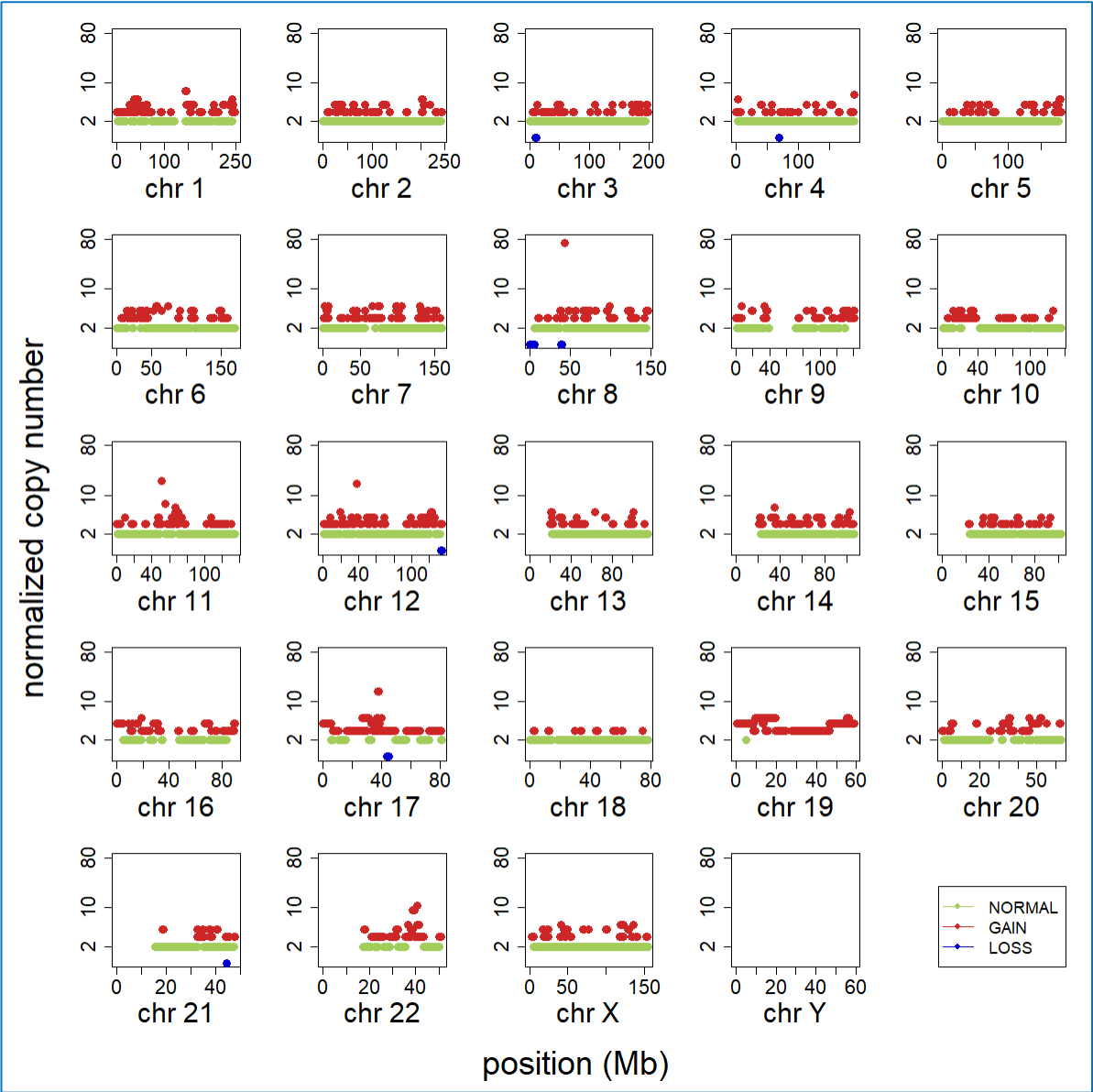
FAST – Whole Genome

m-13



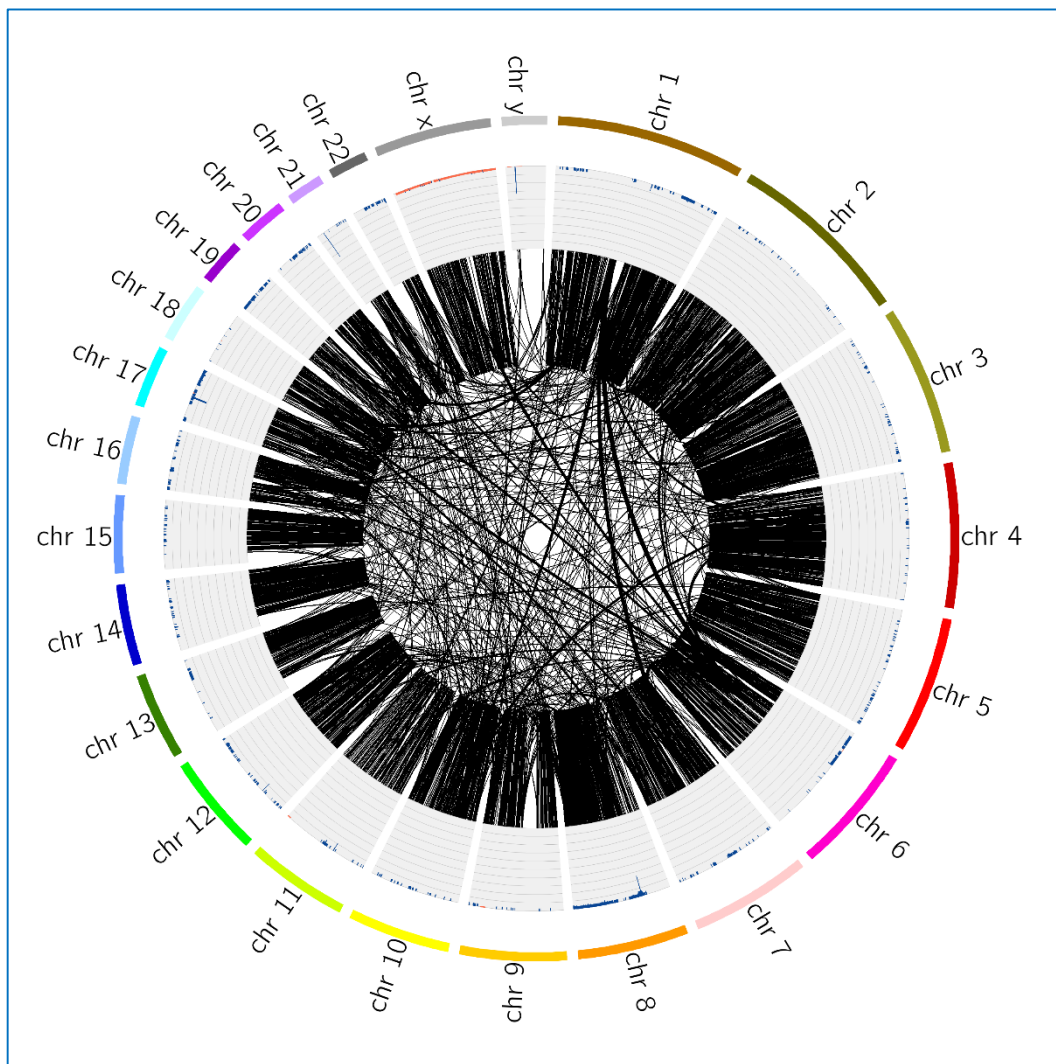
FAST – ERBB2 amplicon

p-16



Control-FREEC

p-16



BreakDancer + Control-FREEC

No FAST data for this sample

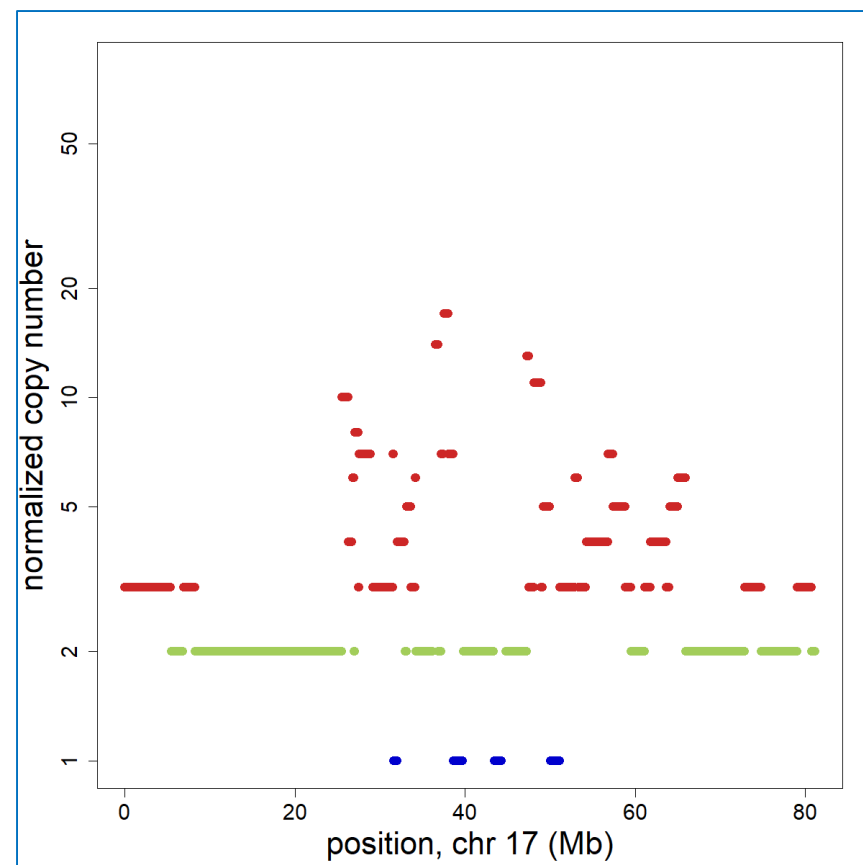
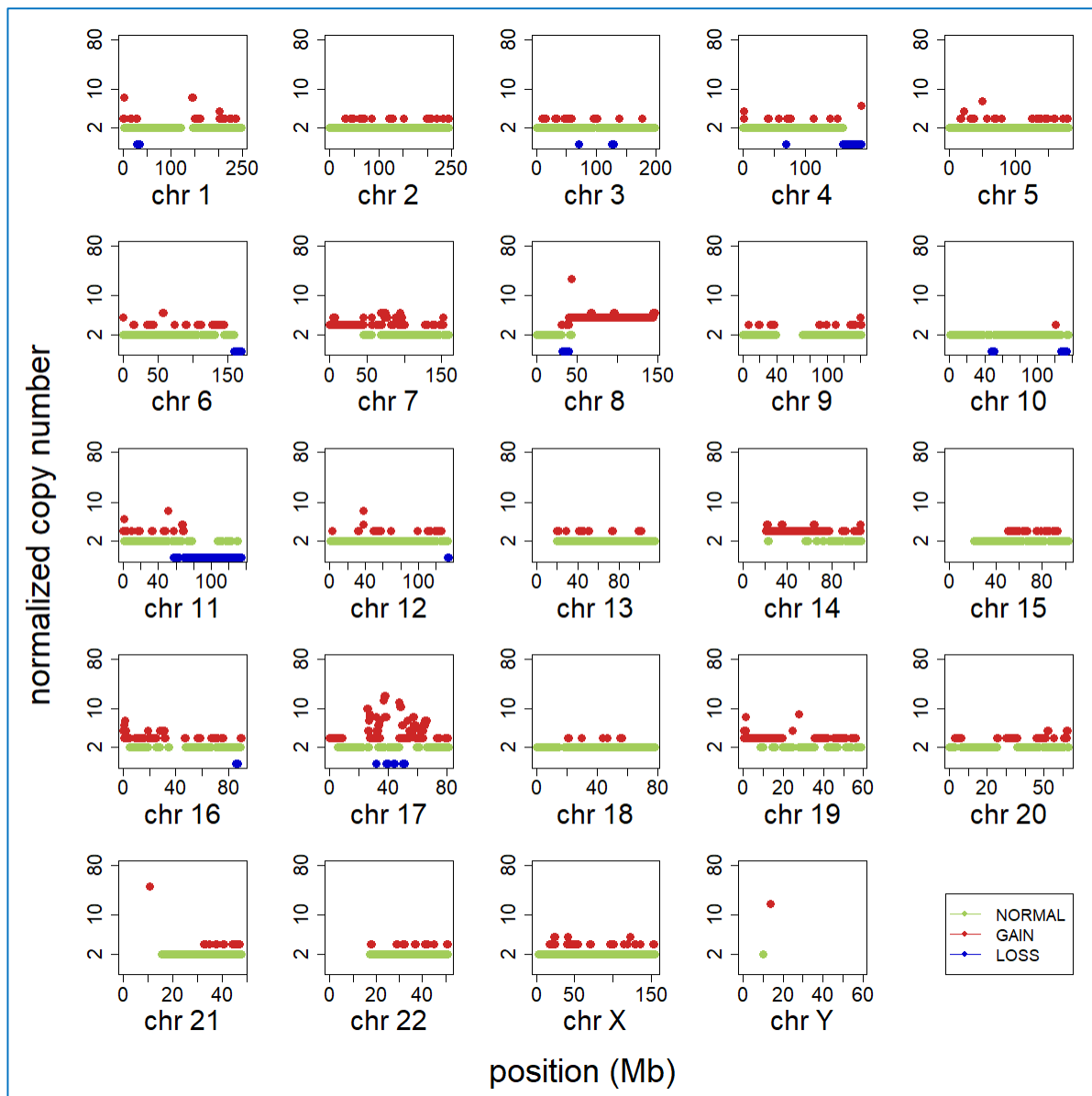
FAST – Whole Genome

m-16

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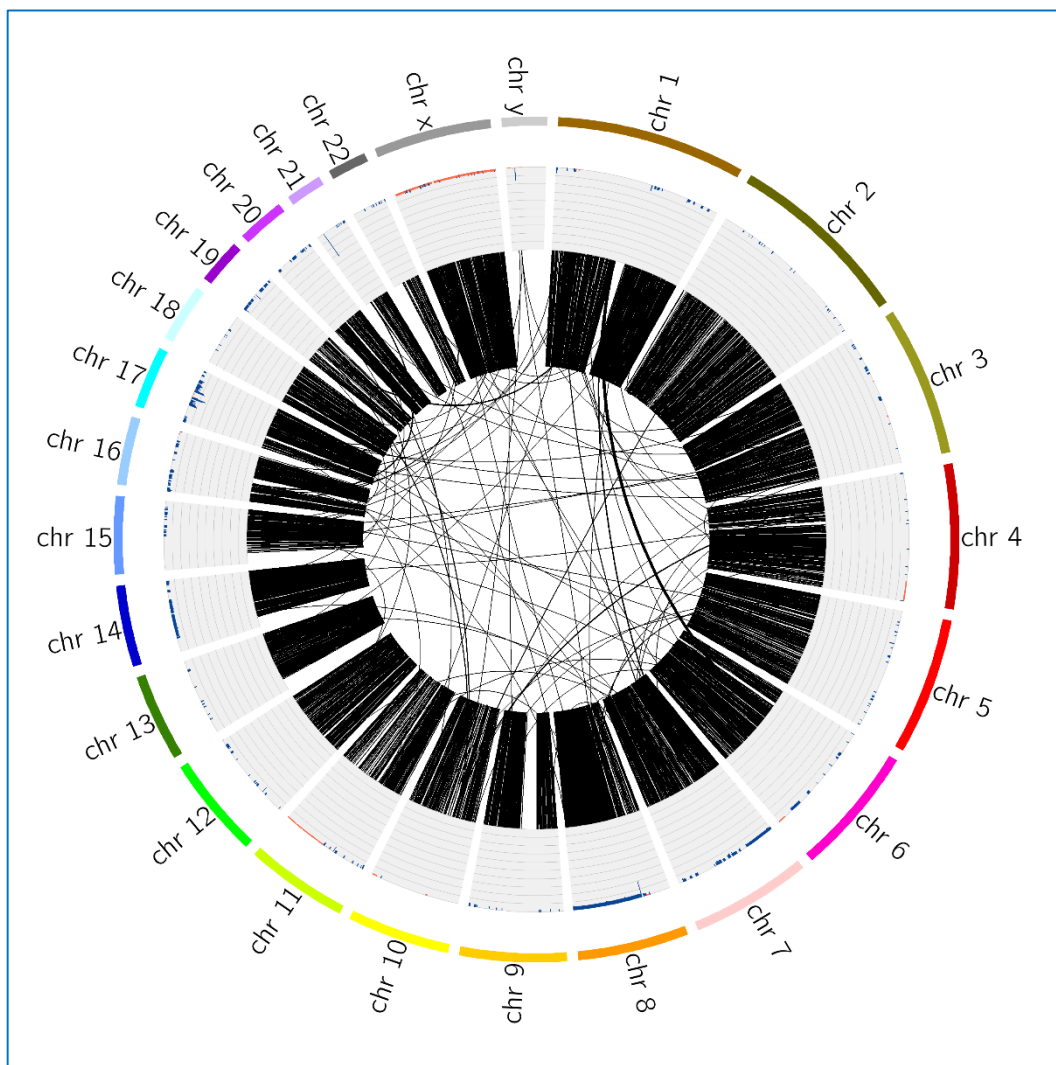
FAST – ERBB2 amplicon

p-17

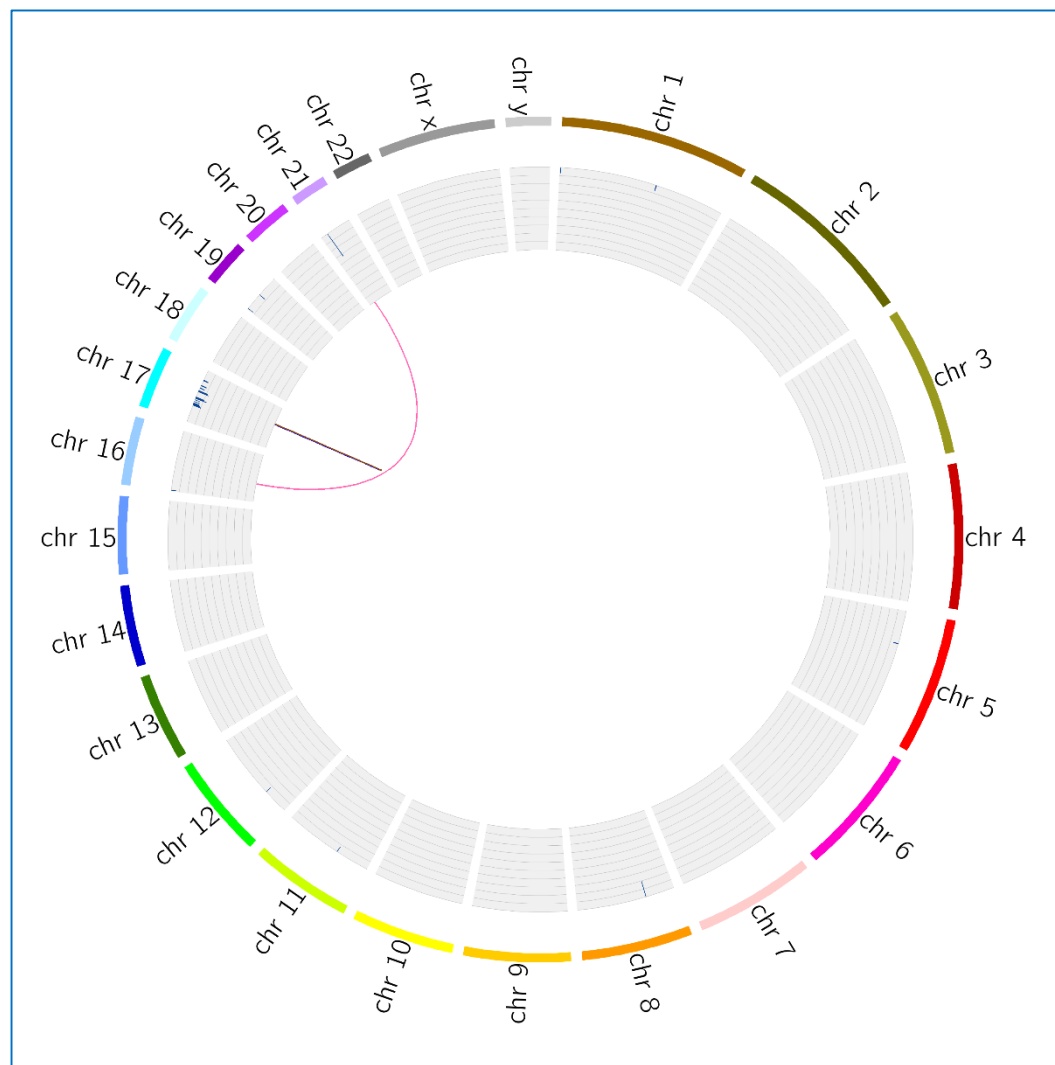


Control-FREEC

p-17

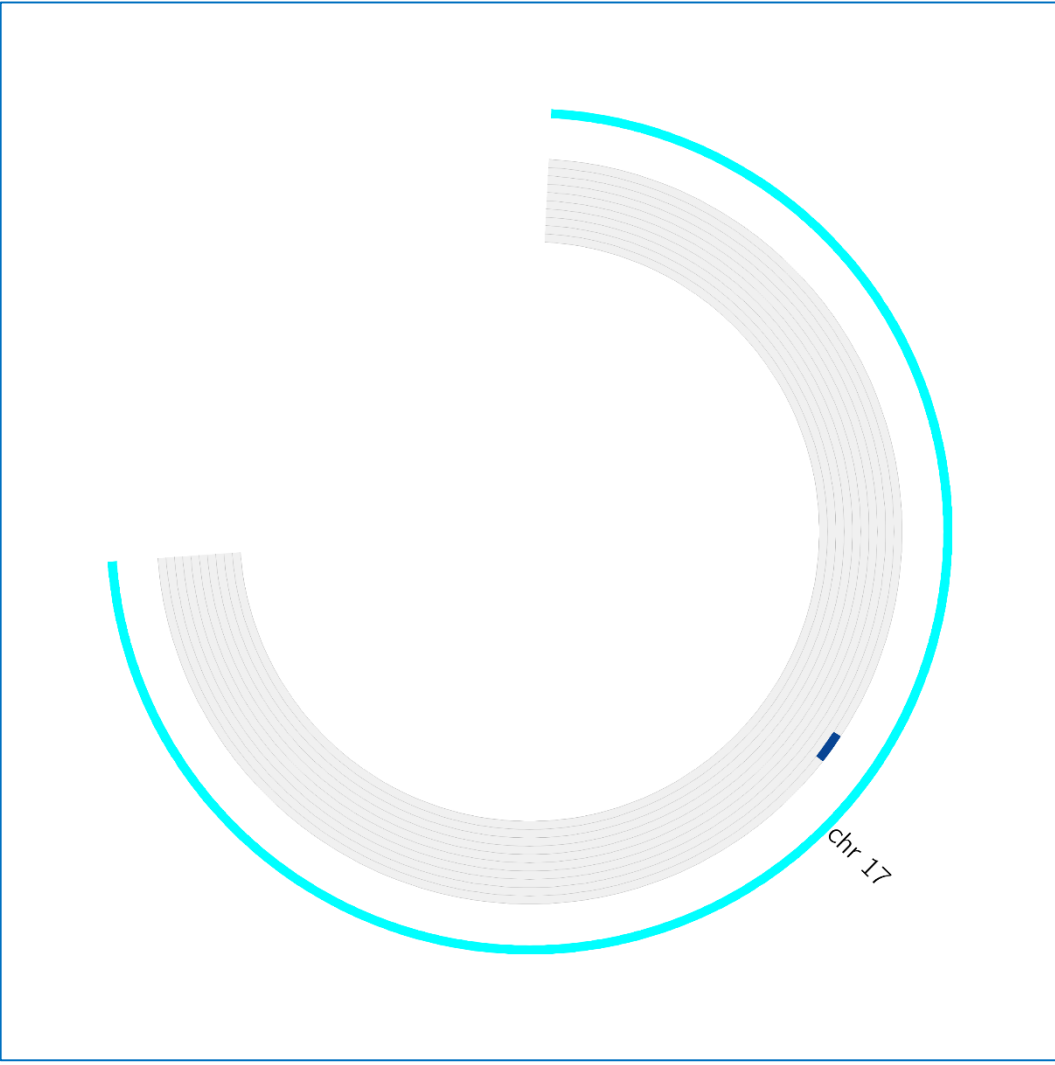


BreakDancer + Control-FREEC



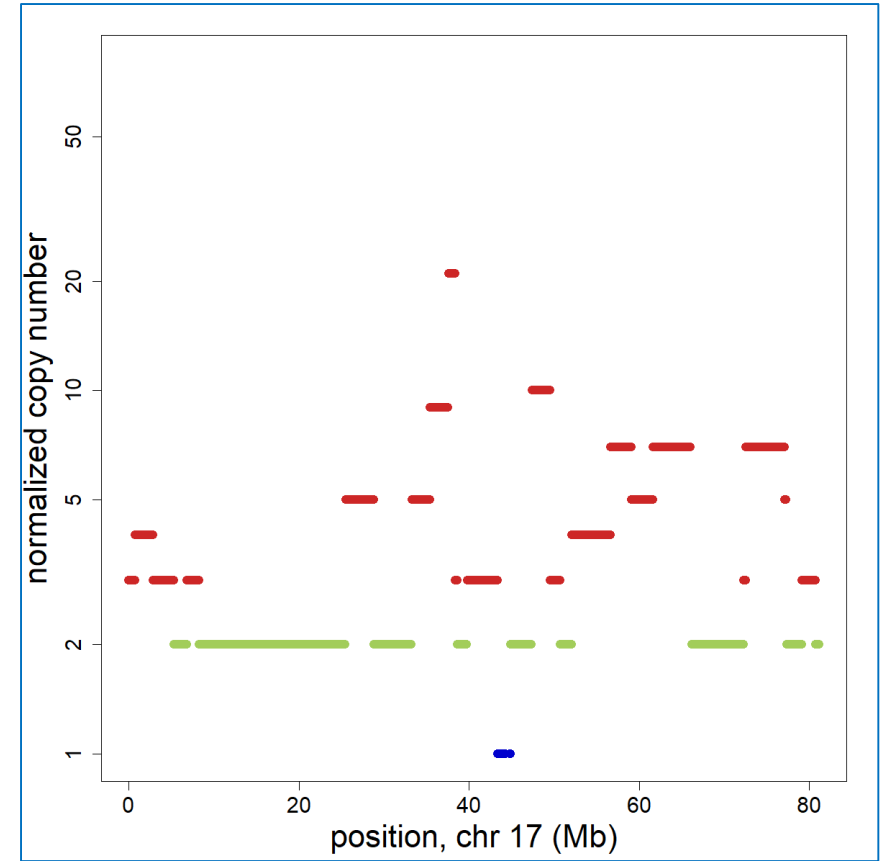
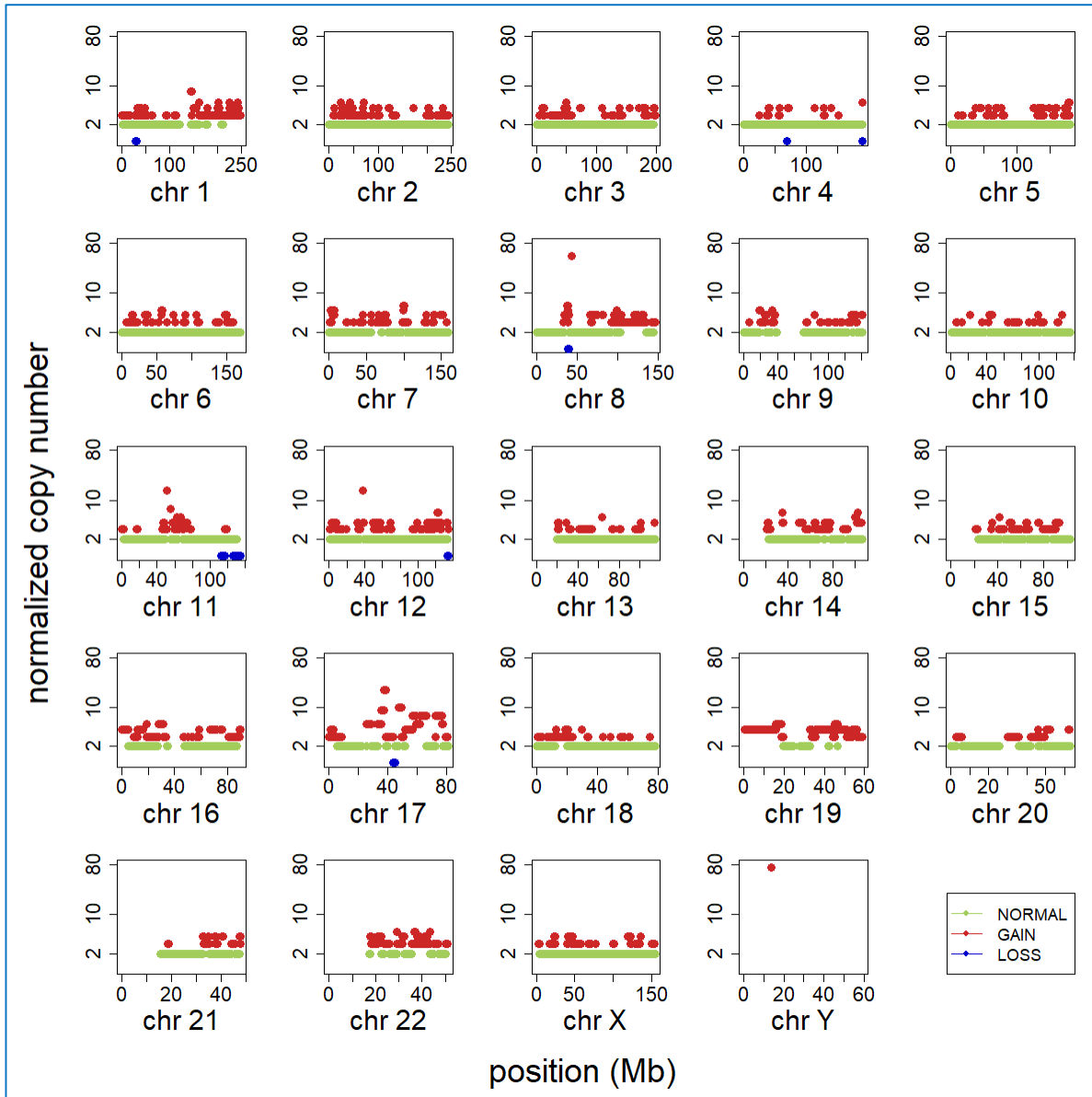
FAST - Whole Genome

p-17



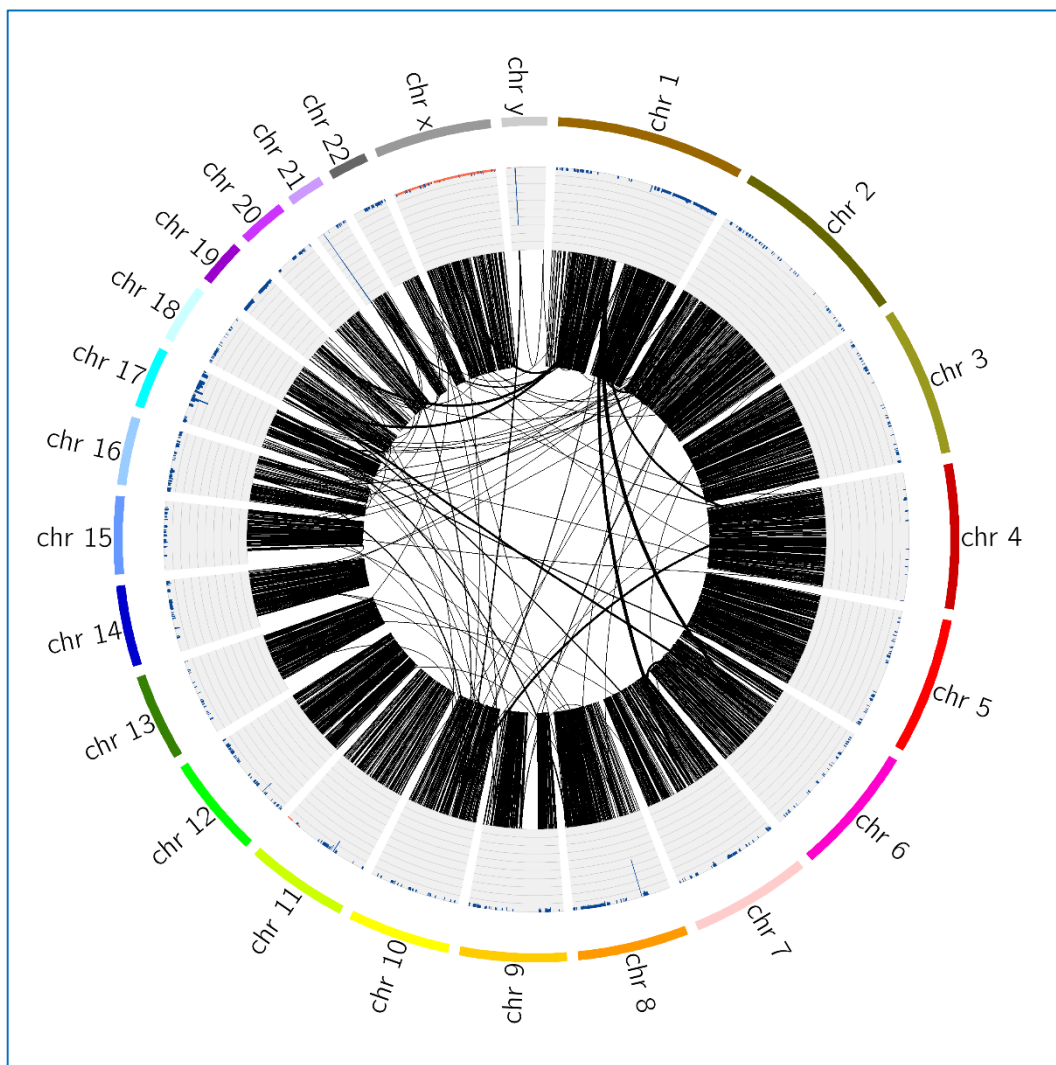
FAST – ERBB2 amplicon

p-20

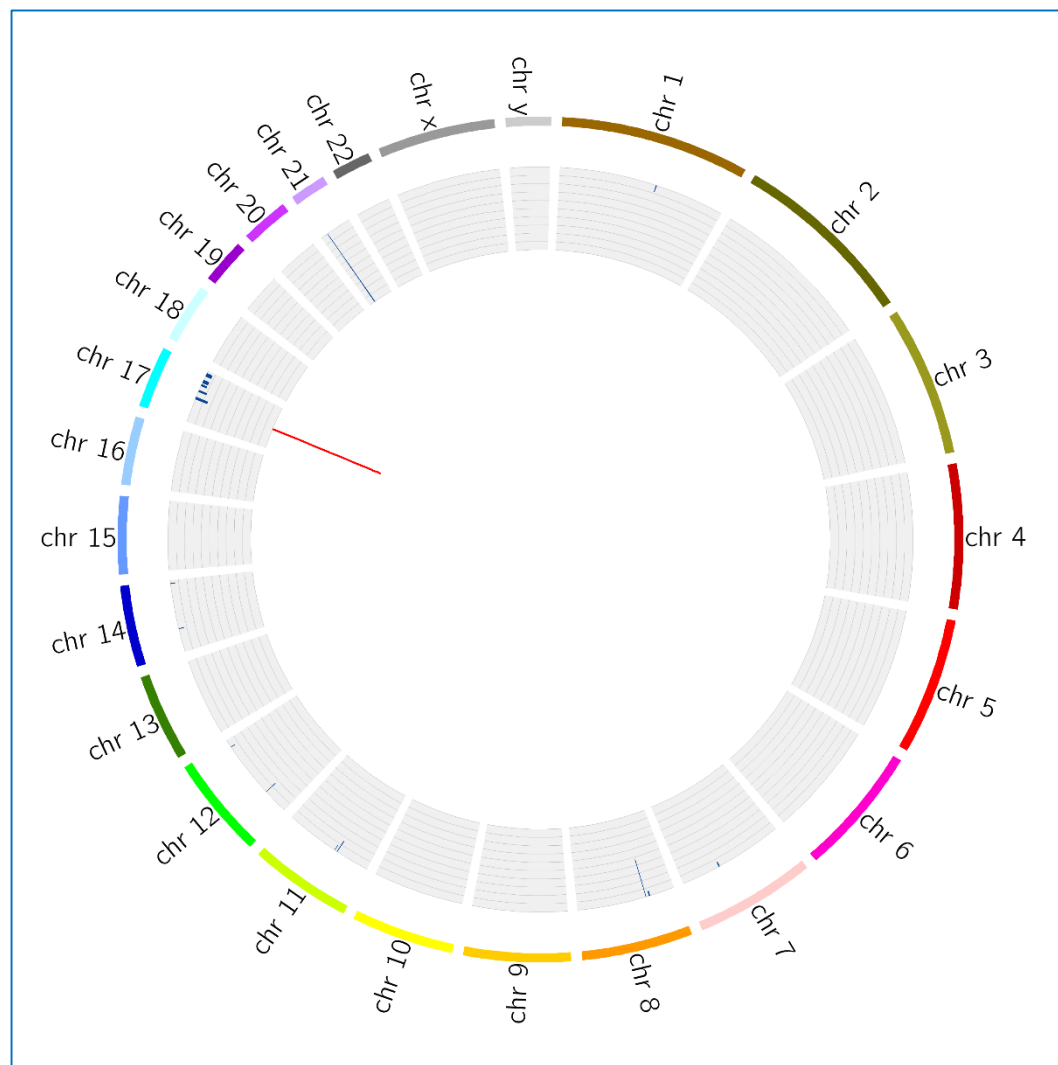


Control-FREEC

p-20

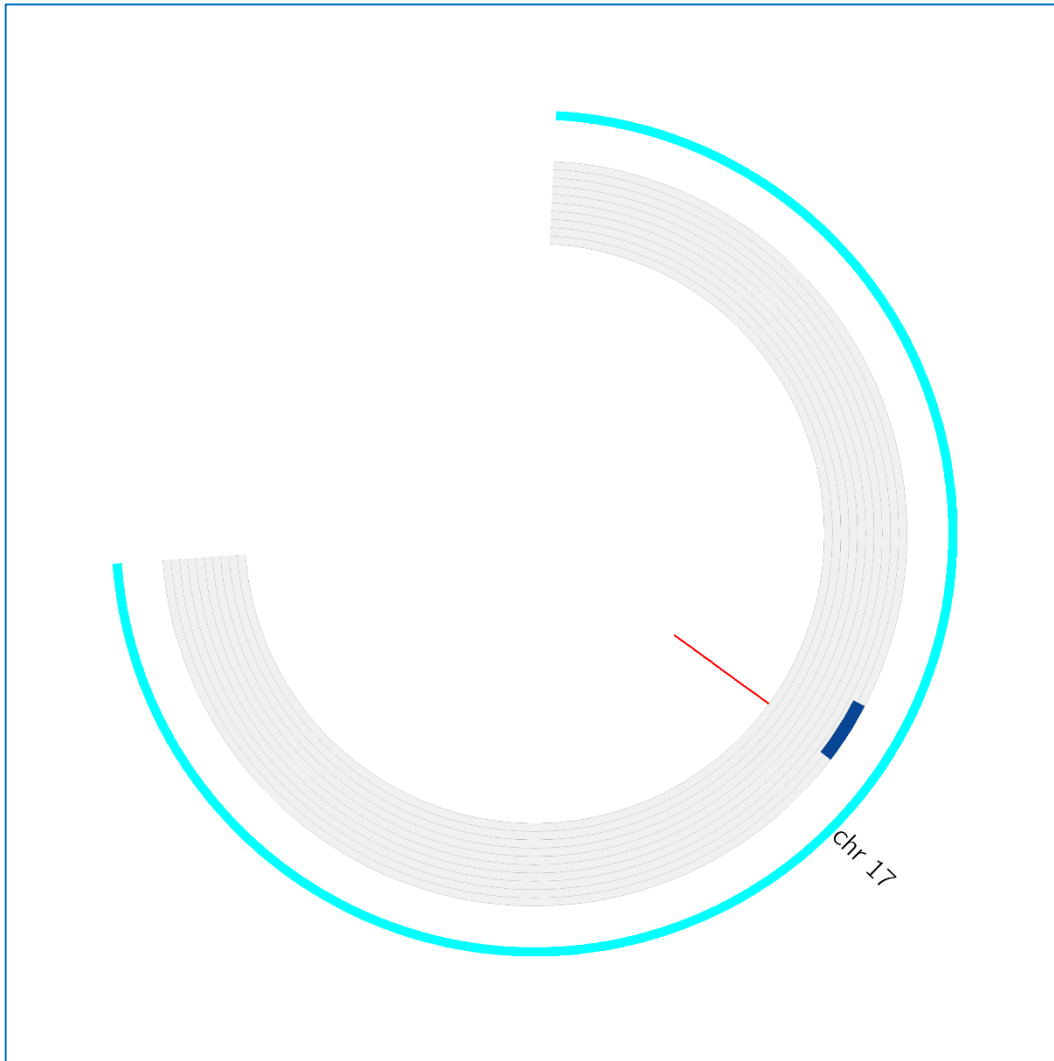


BreakDancer + Control-FREEC



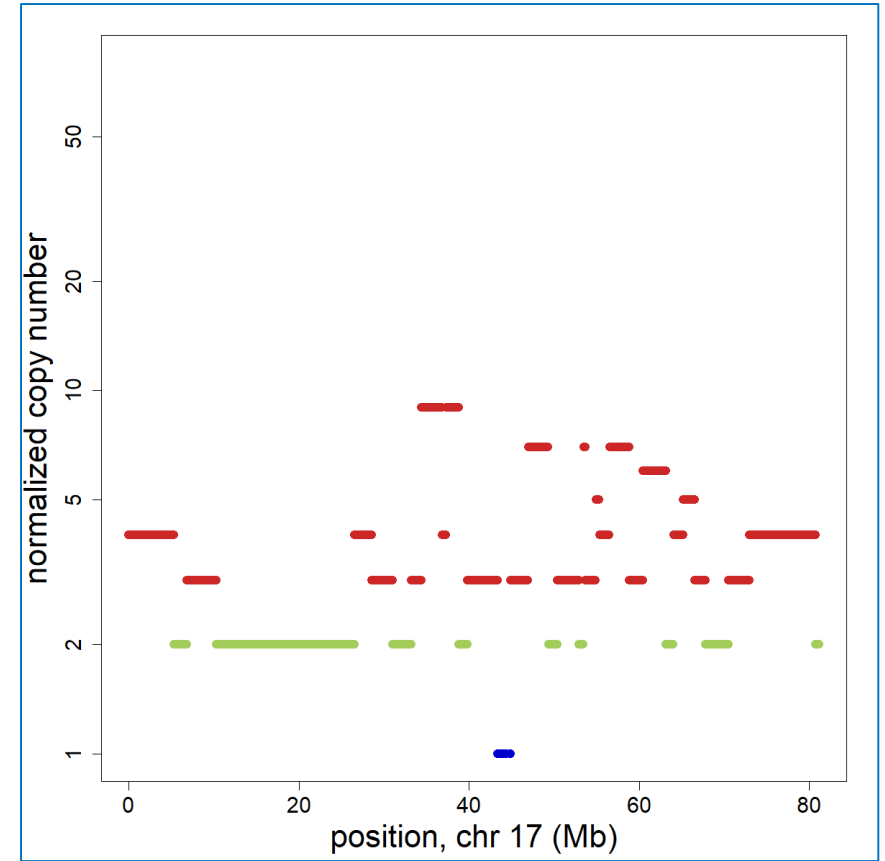
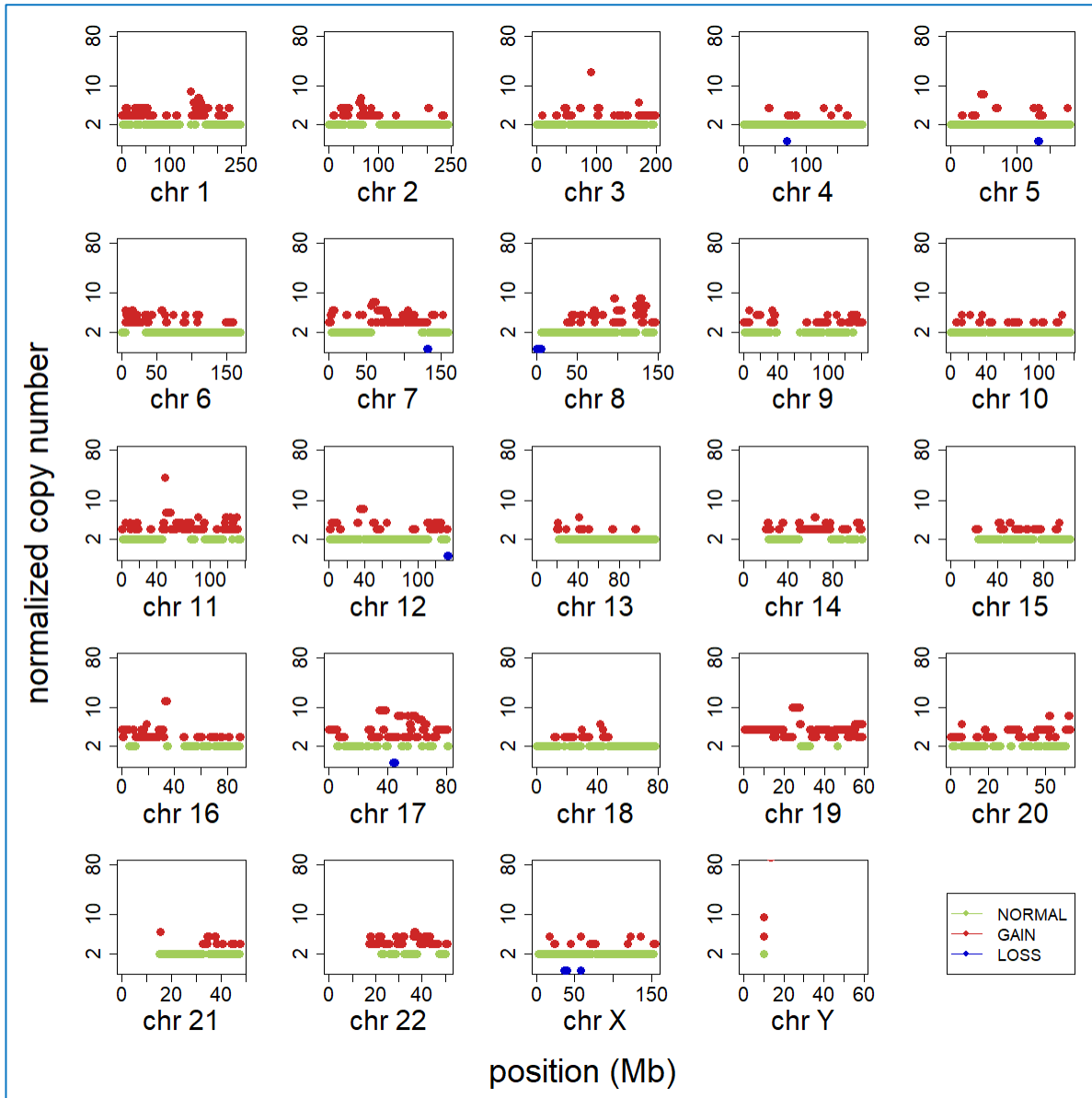
FAST – Whole Genome

p-20



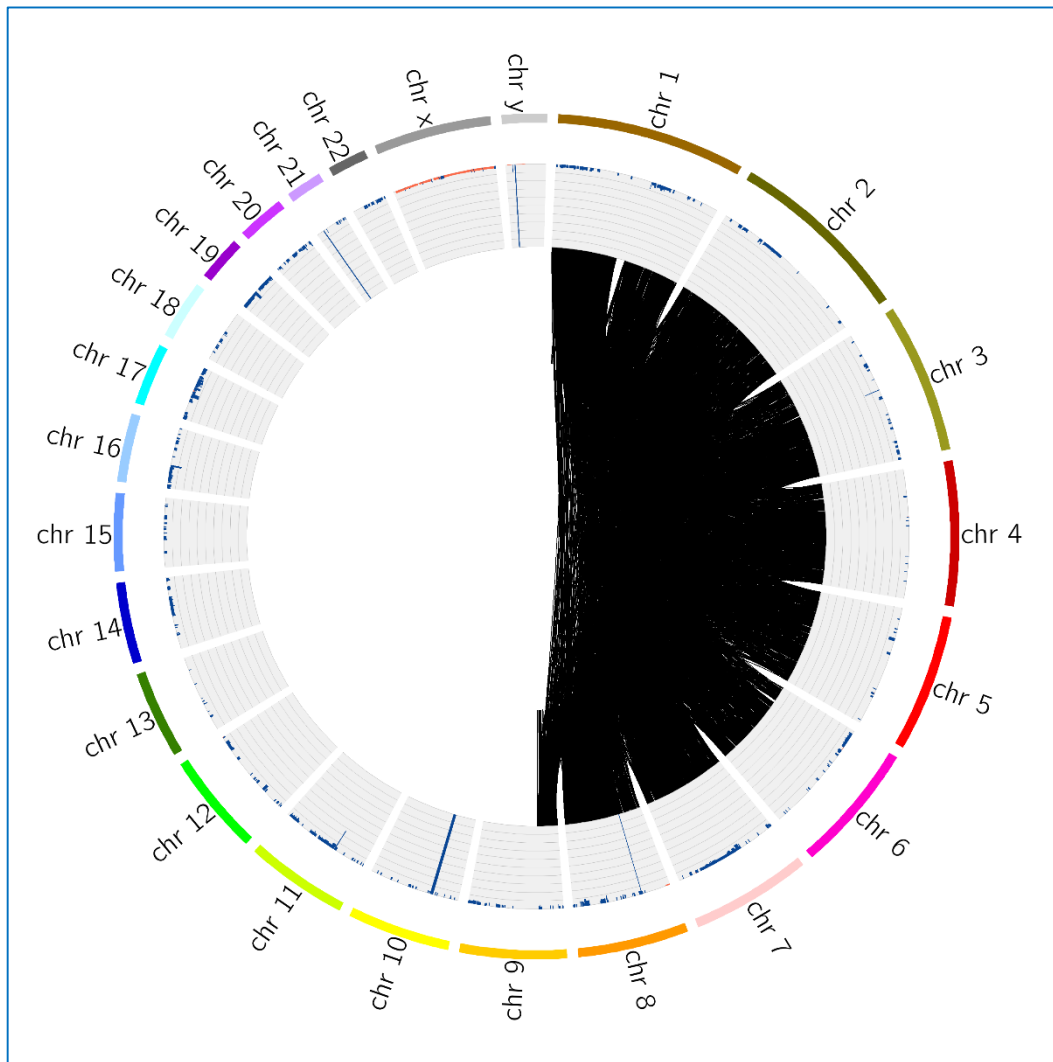
FAST – ERBB2 amplicon

p-21

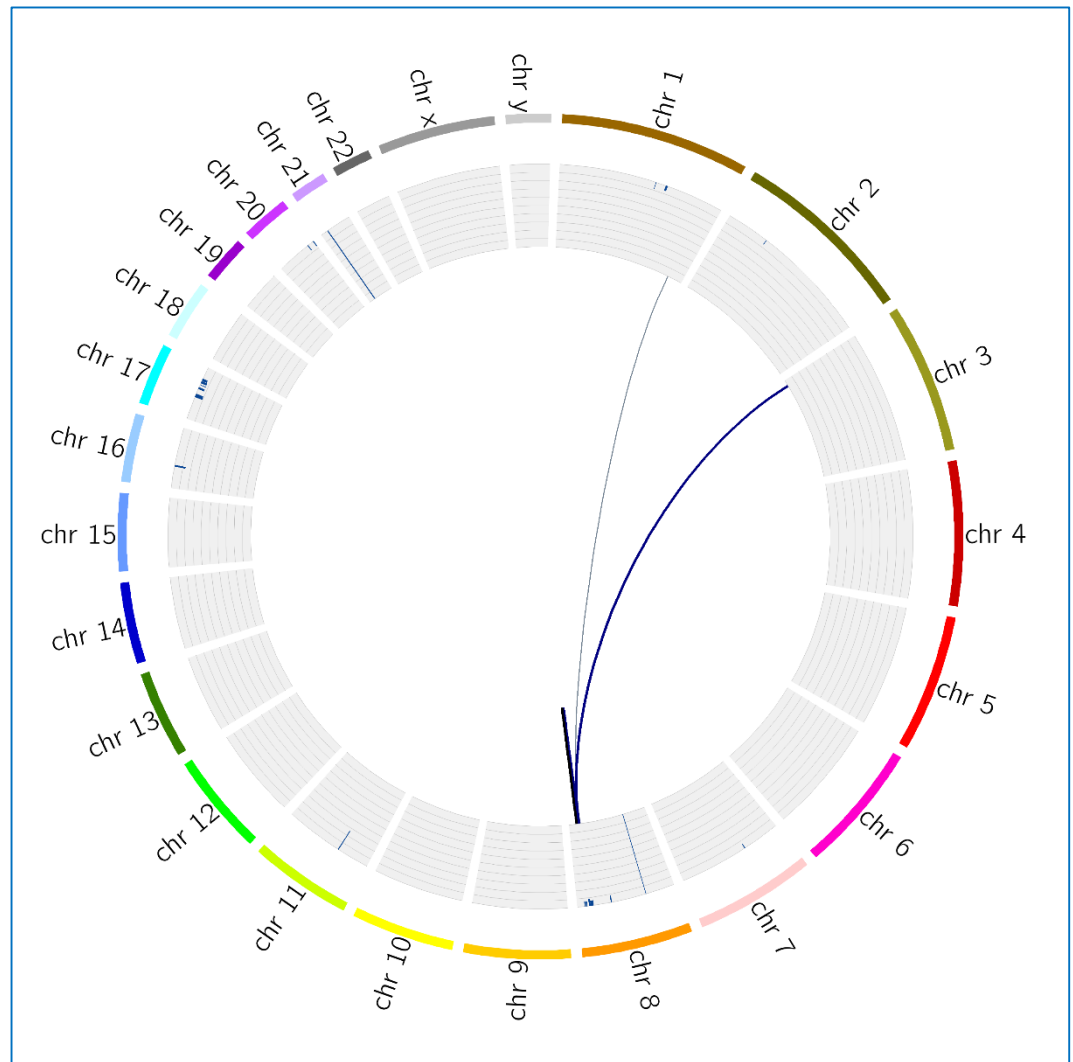


Control-FREEC

p-21

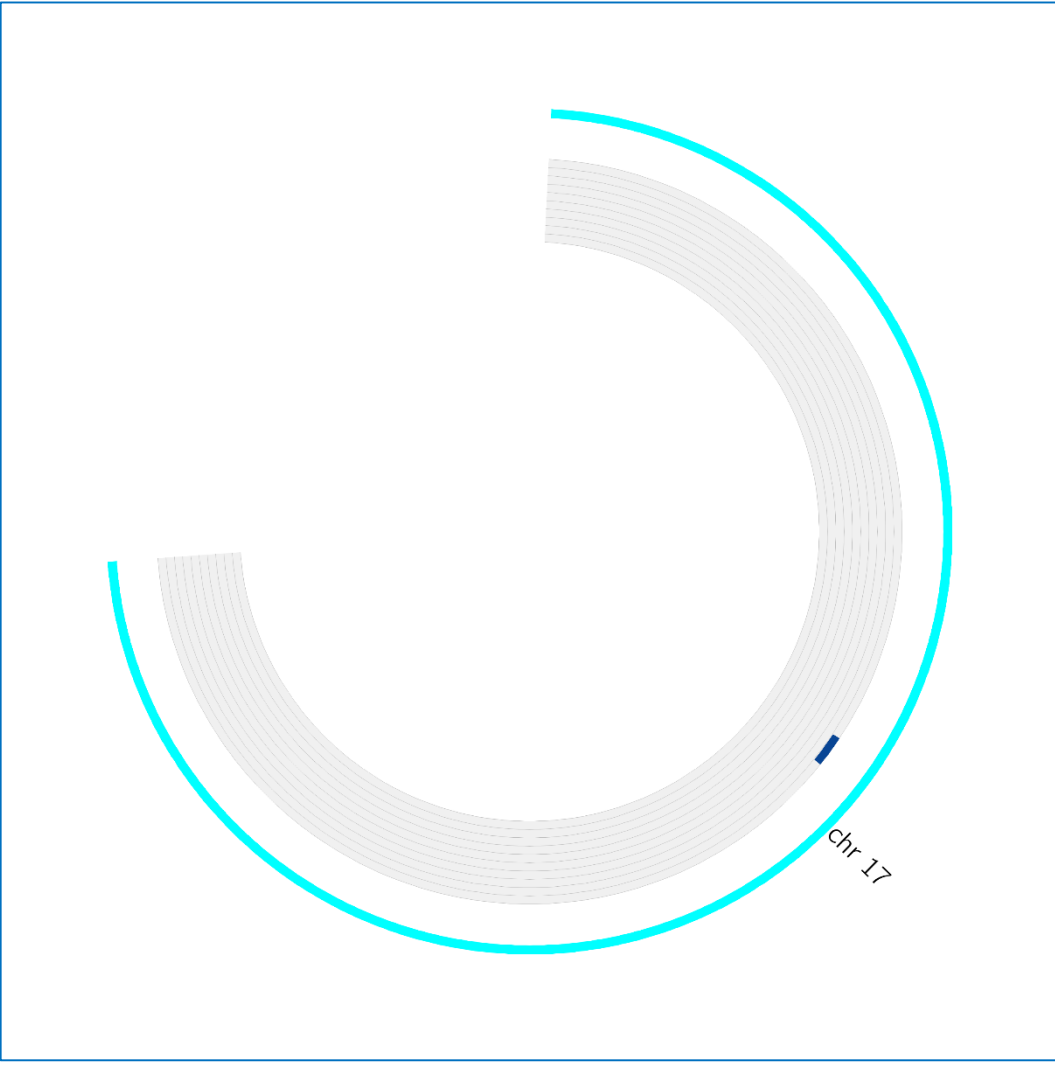


BreakDancer + Control-FREEC



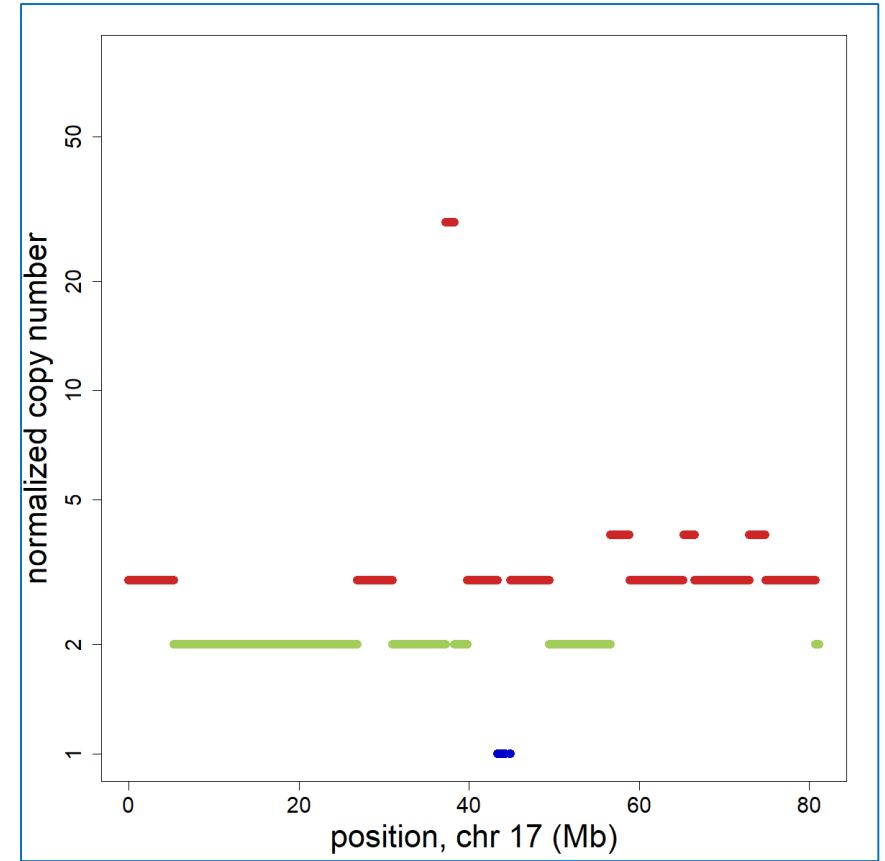
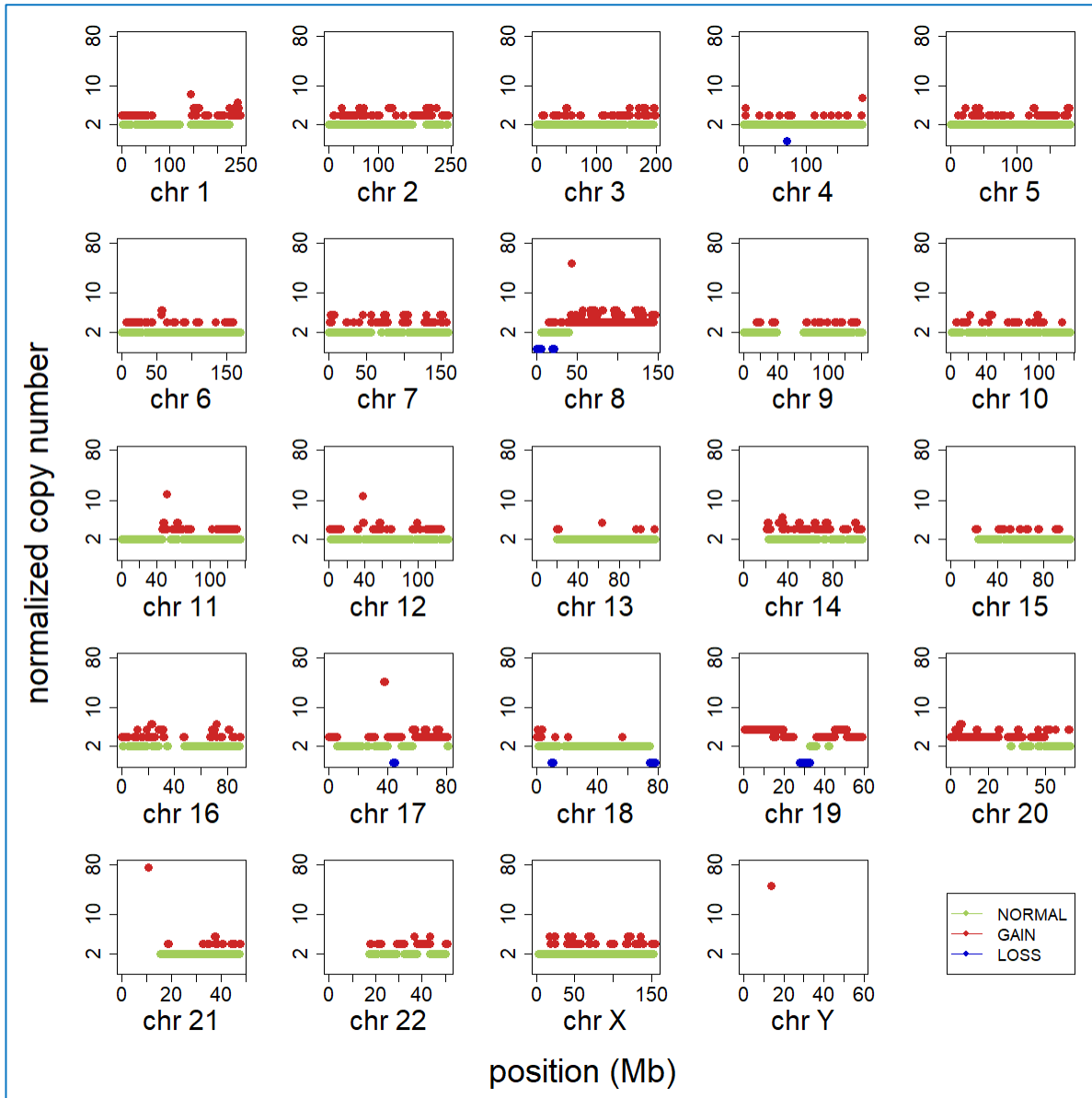
FAST – Whole Genome

p-21



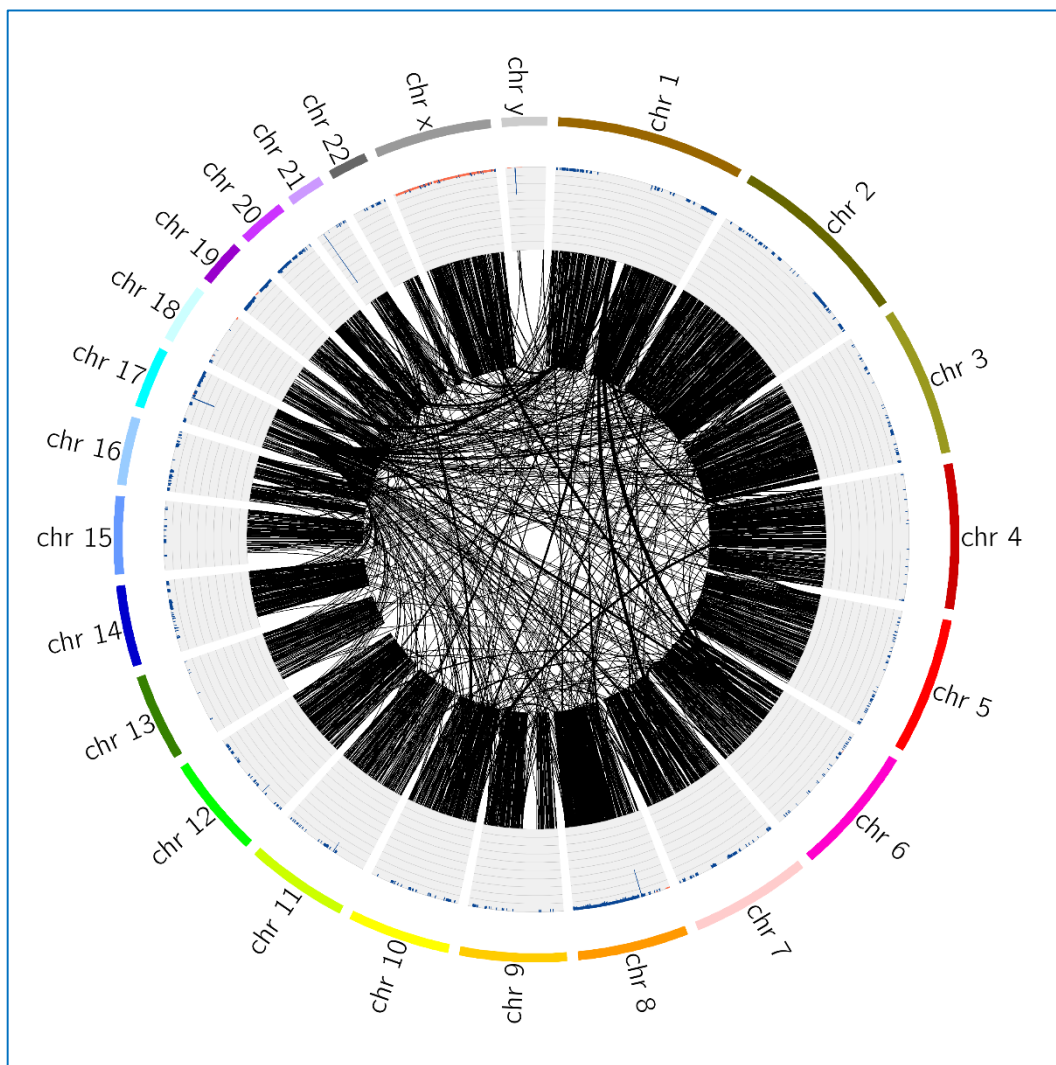
FAST – ERBB2 amplicon

p-22

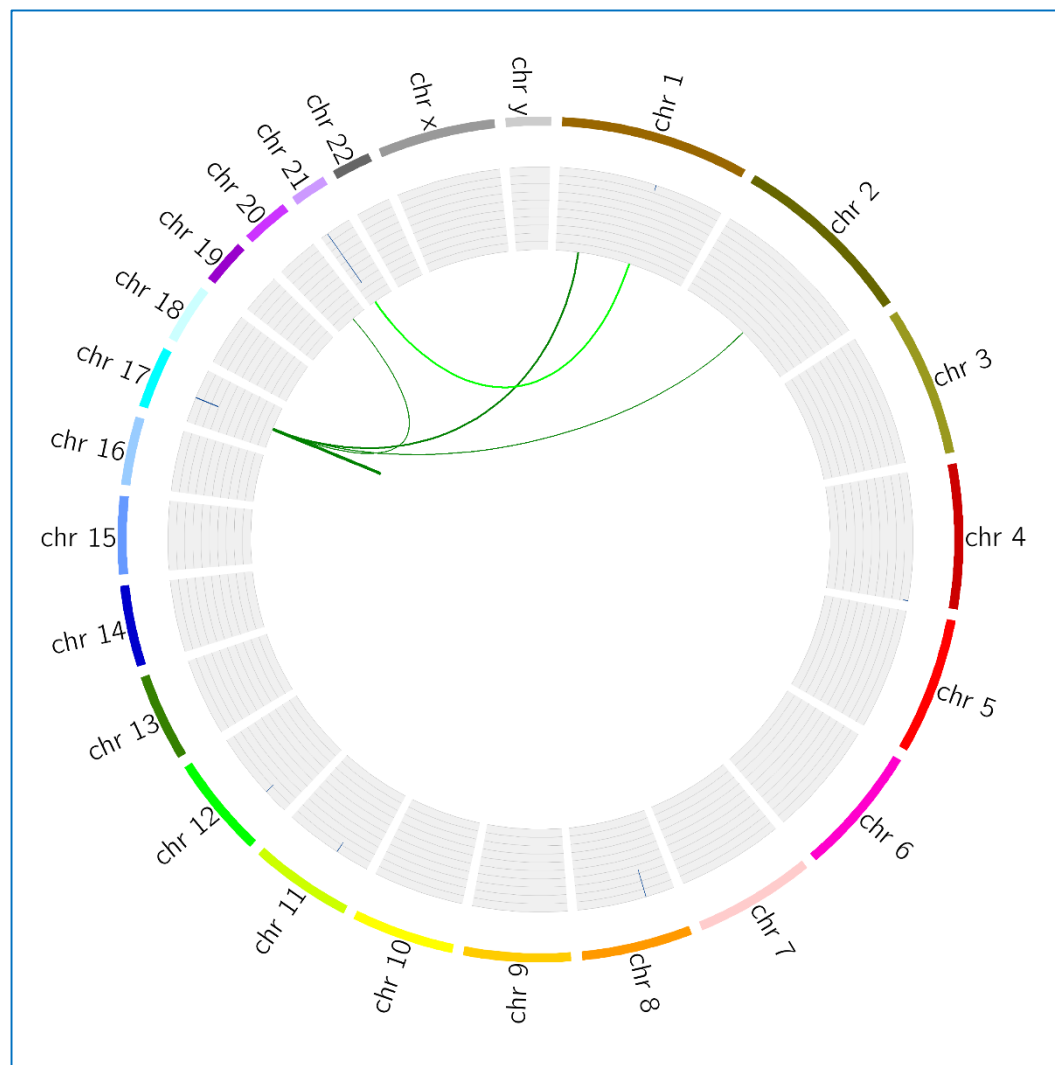


Control-FREEC

p-22

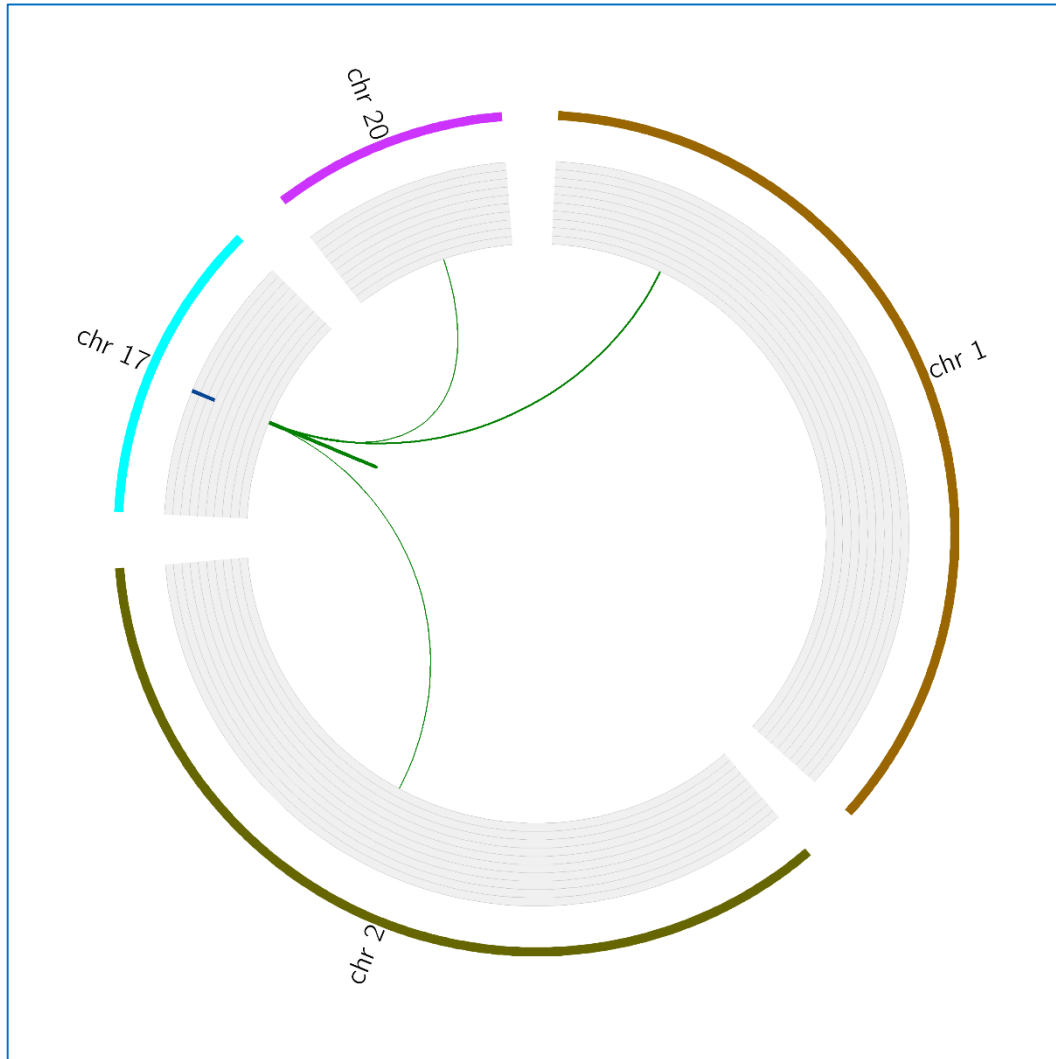


BreakDancer + Control-FREEC

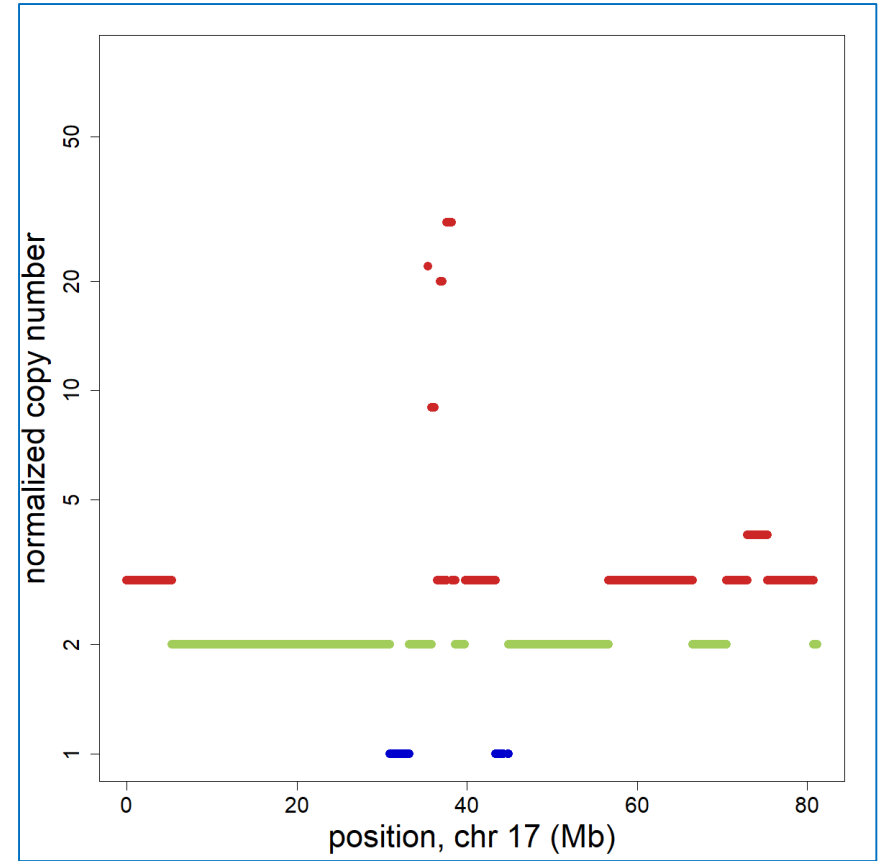
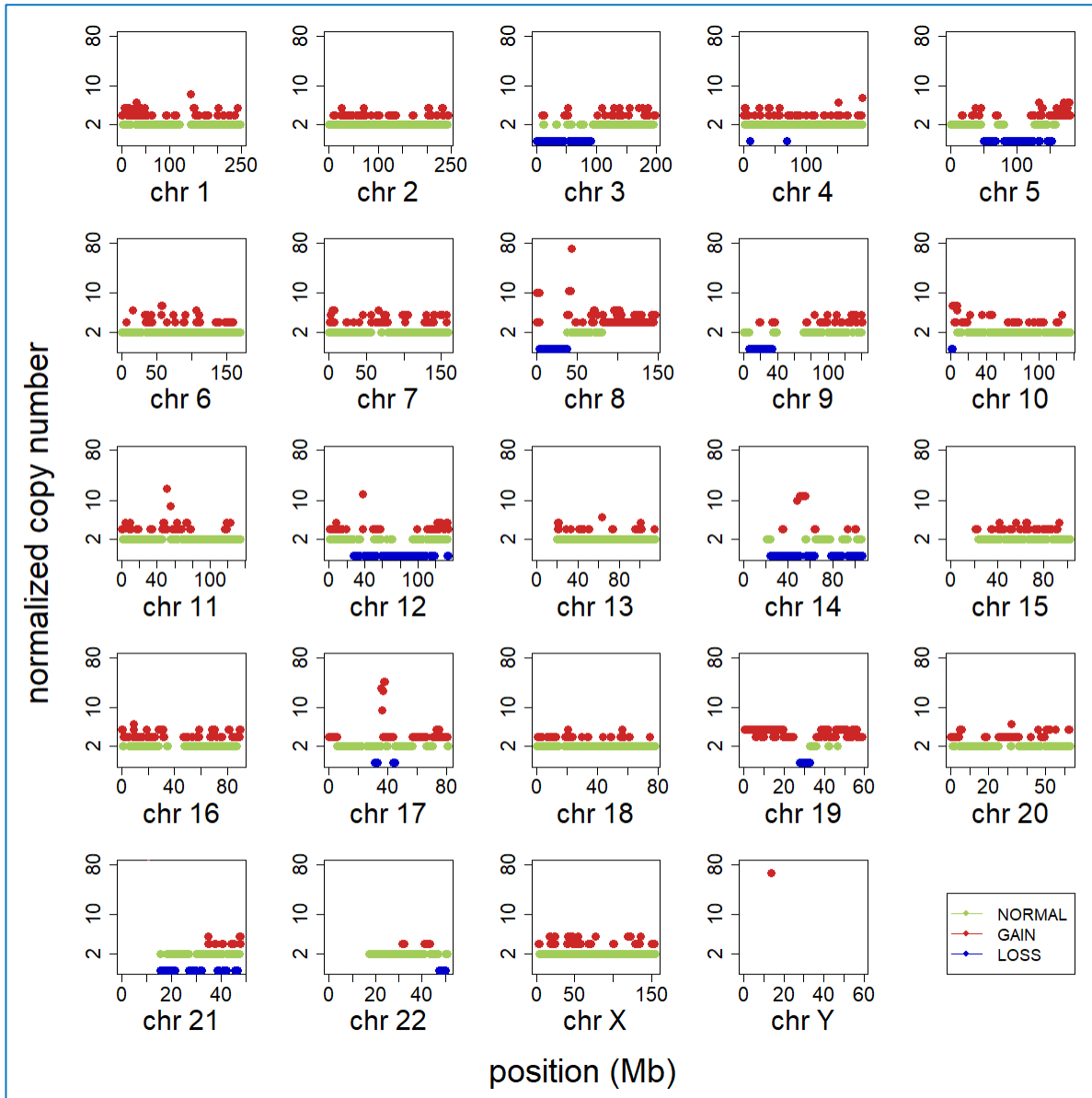


FAST – Whole Genome

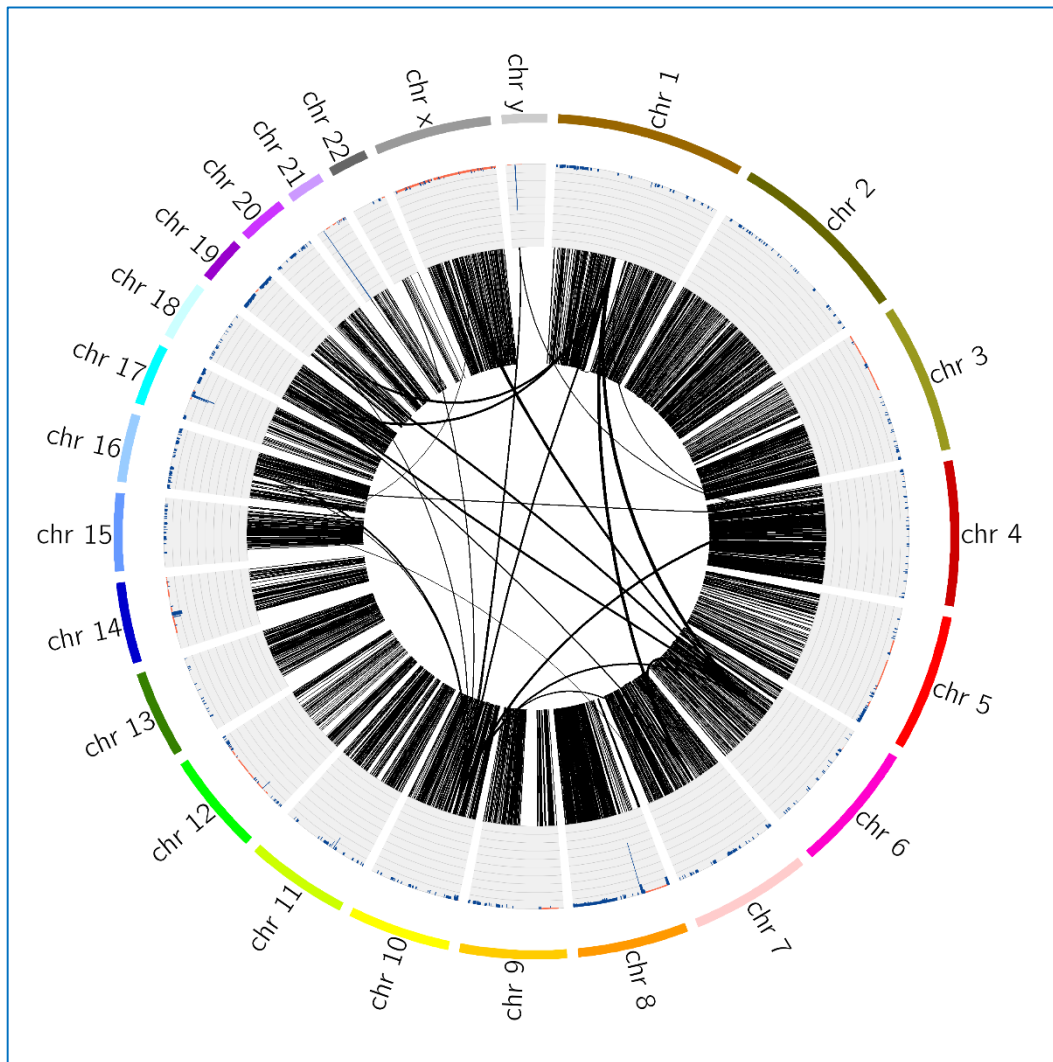
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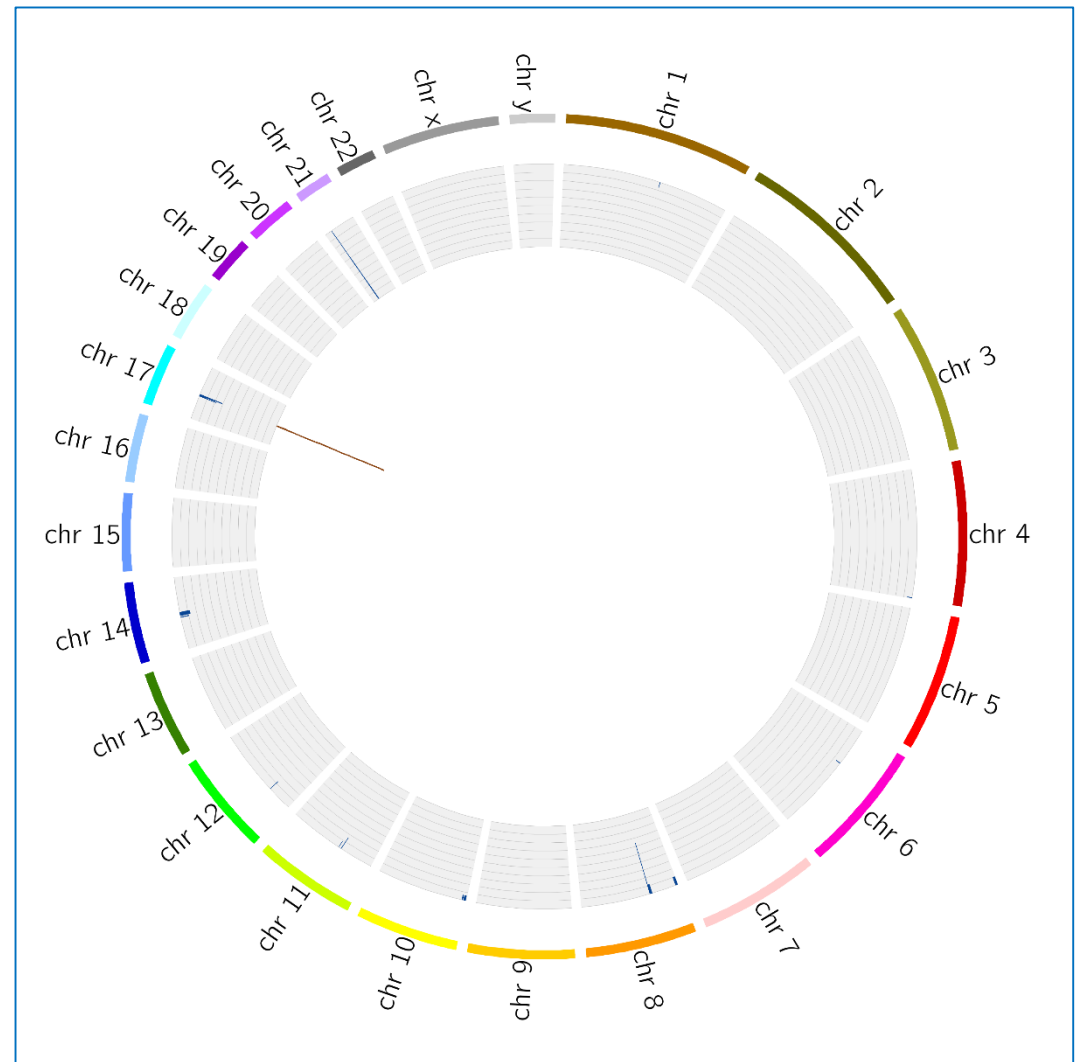
FAST – ERBB2 amplicon



p-23

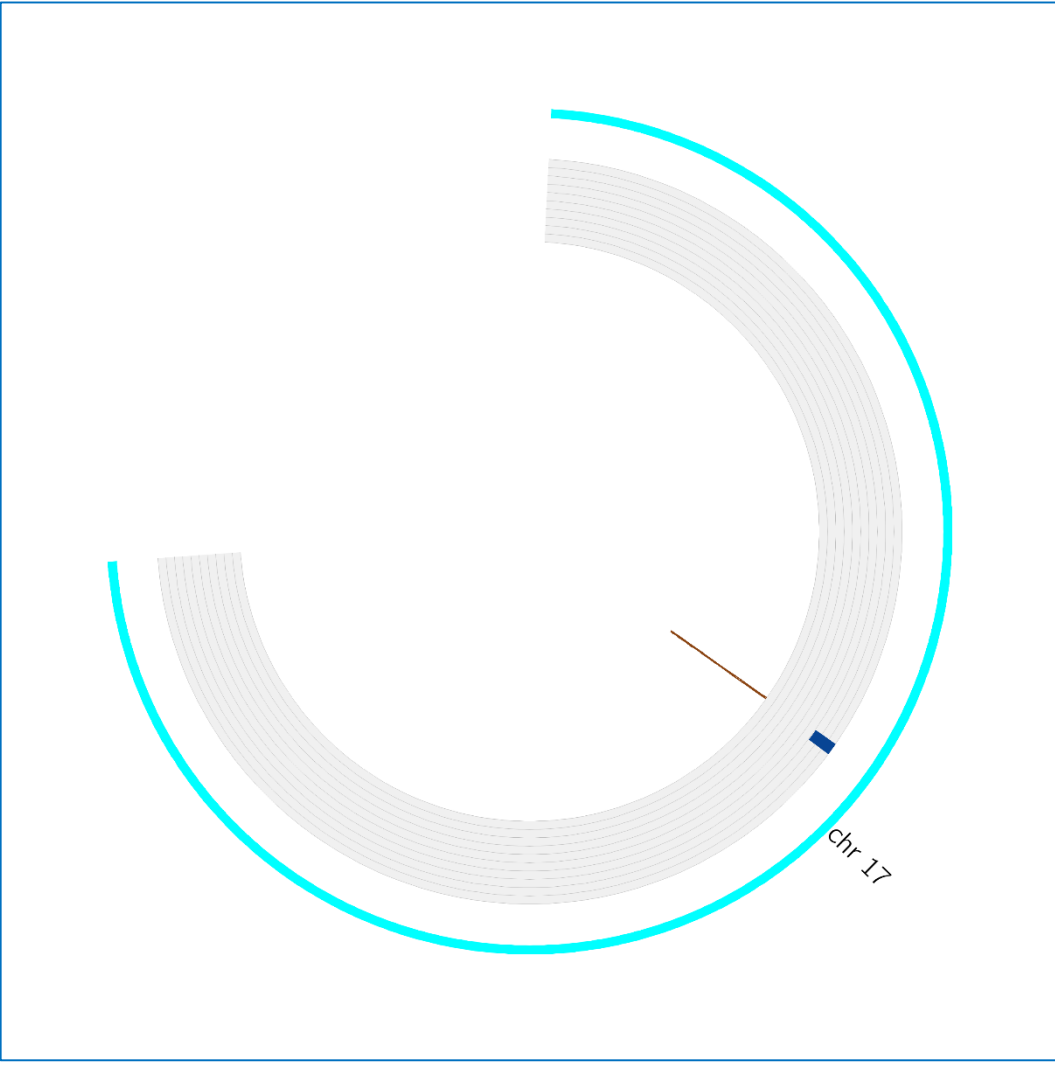


BreakDancer + Control-FREEC

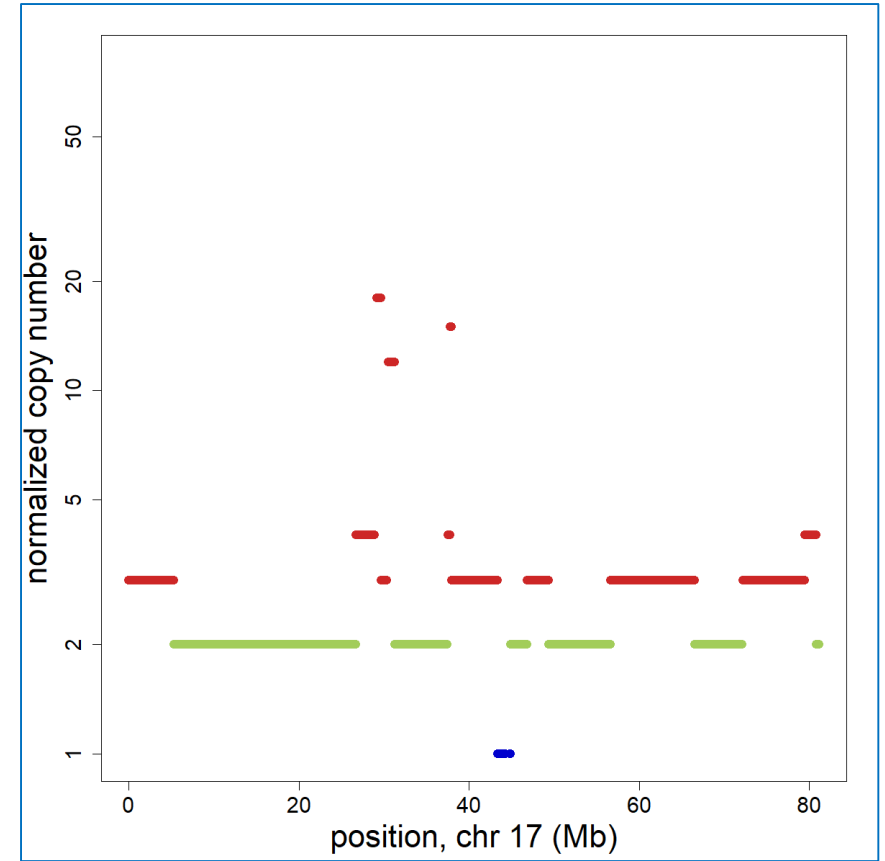
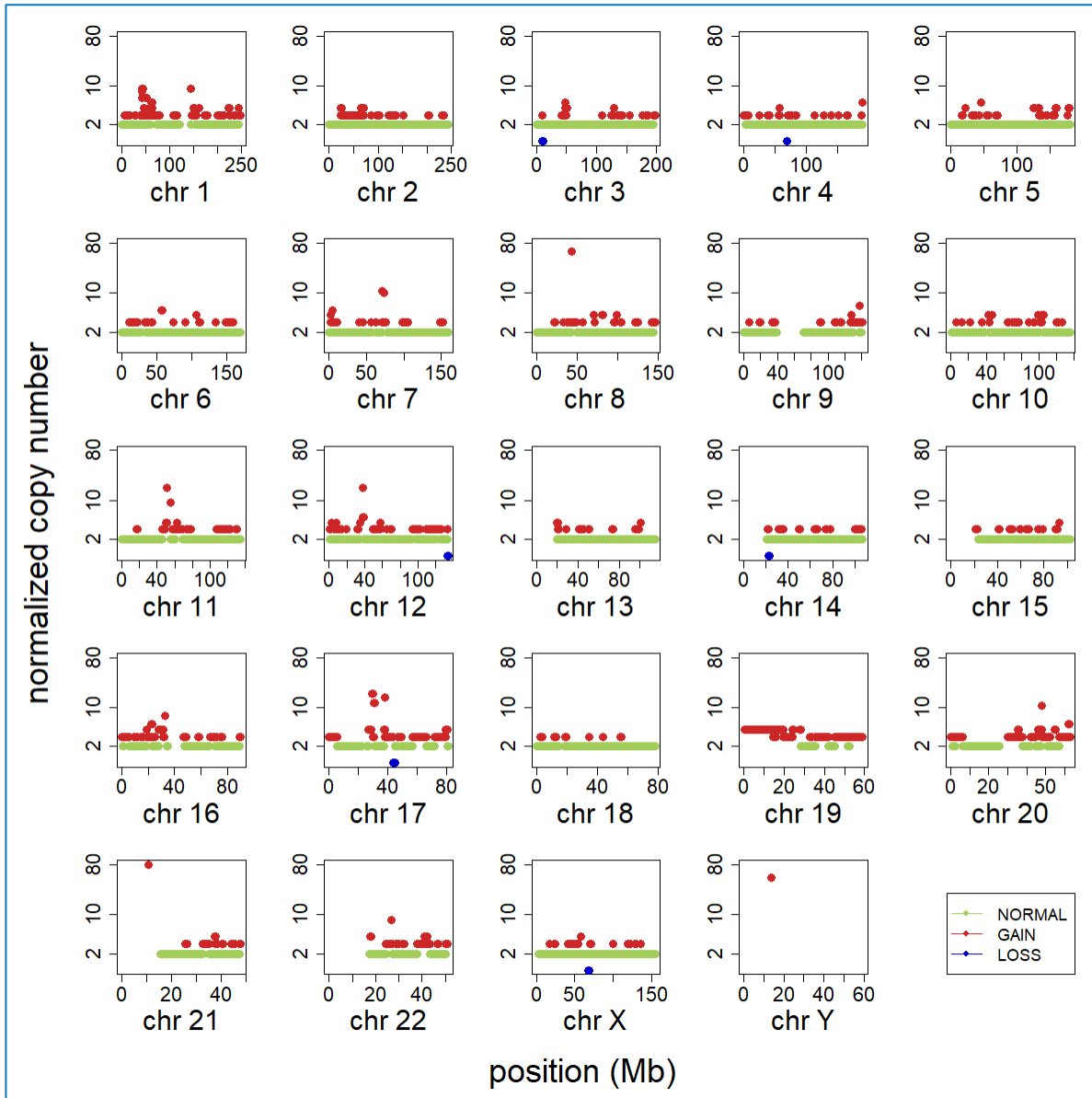


FAST – Whole Genome

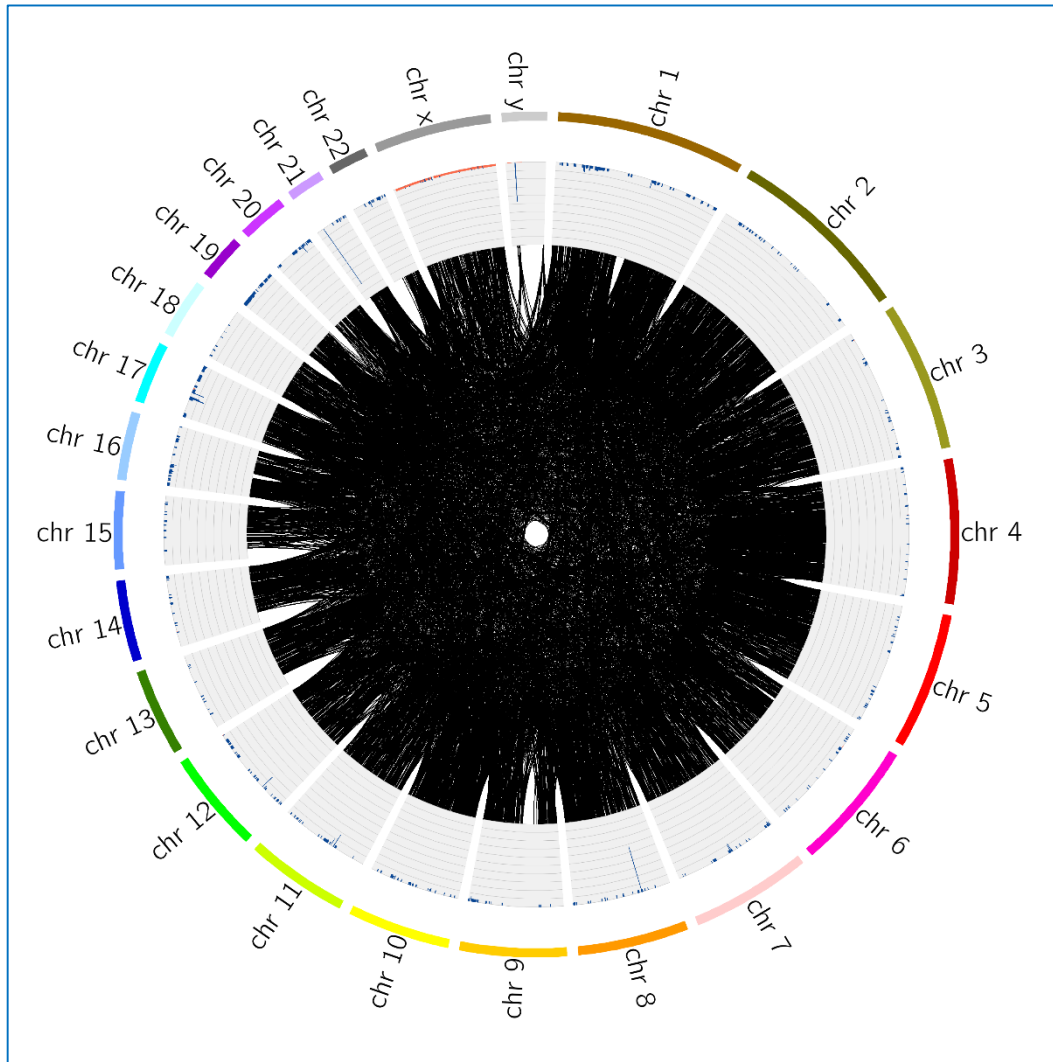
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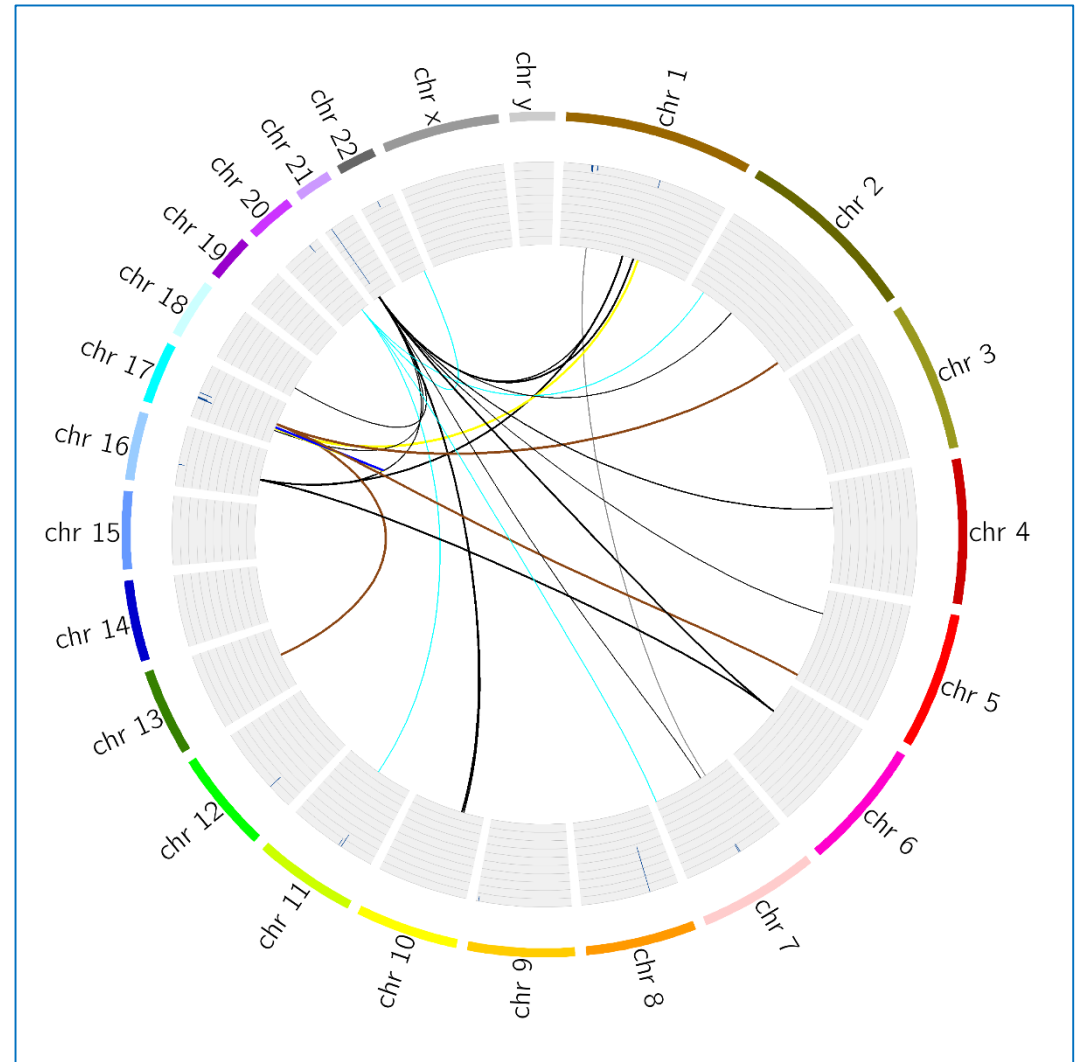
FAST – ERBB2 amplicon



p-25

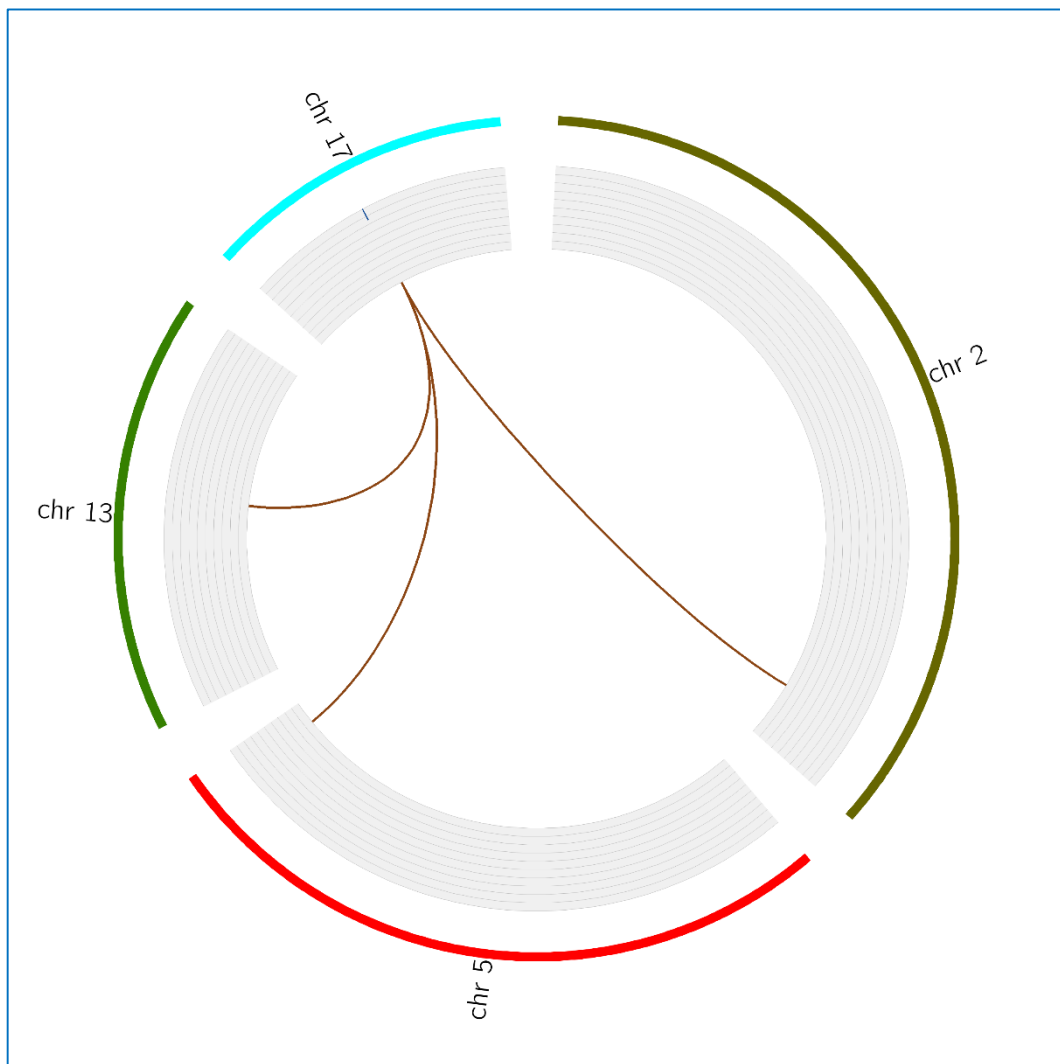


BreakDancer + Control-FREEC



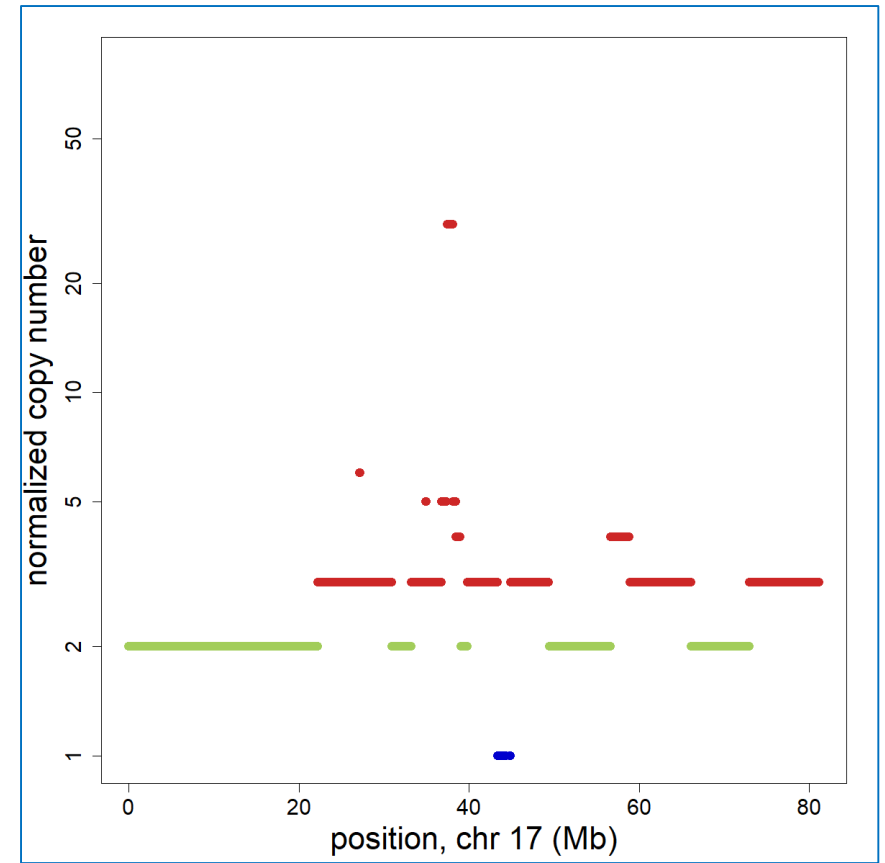
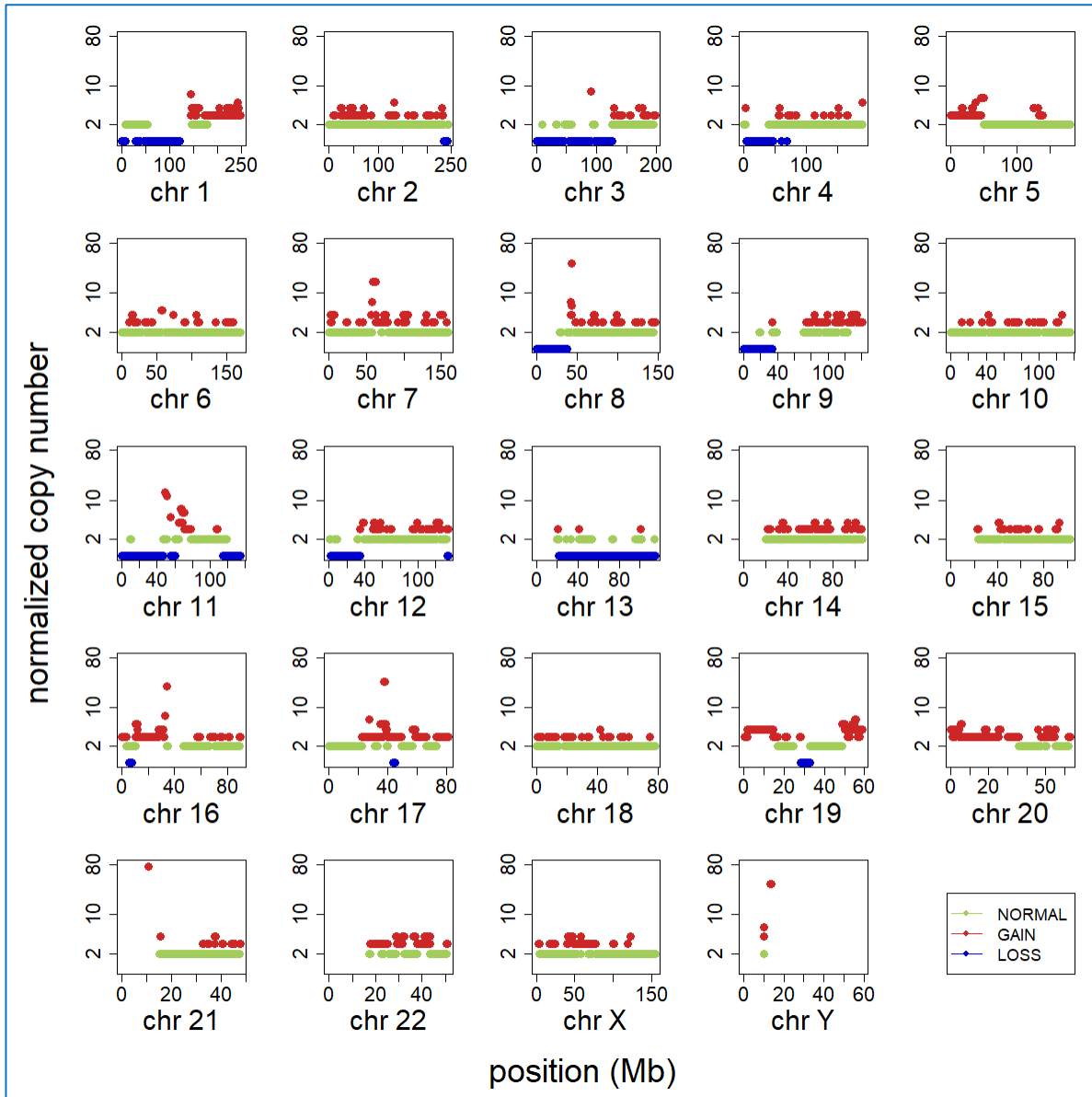
FAST - Whole Genome

p-25



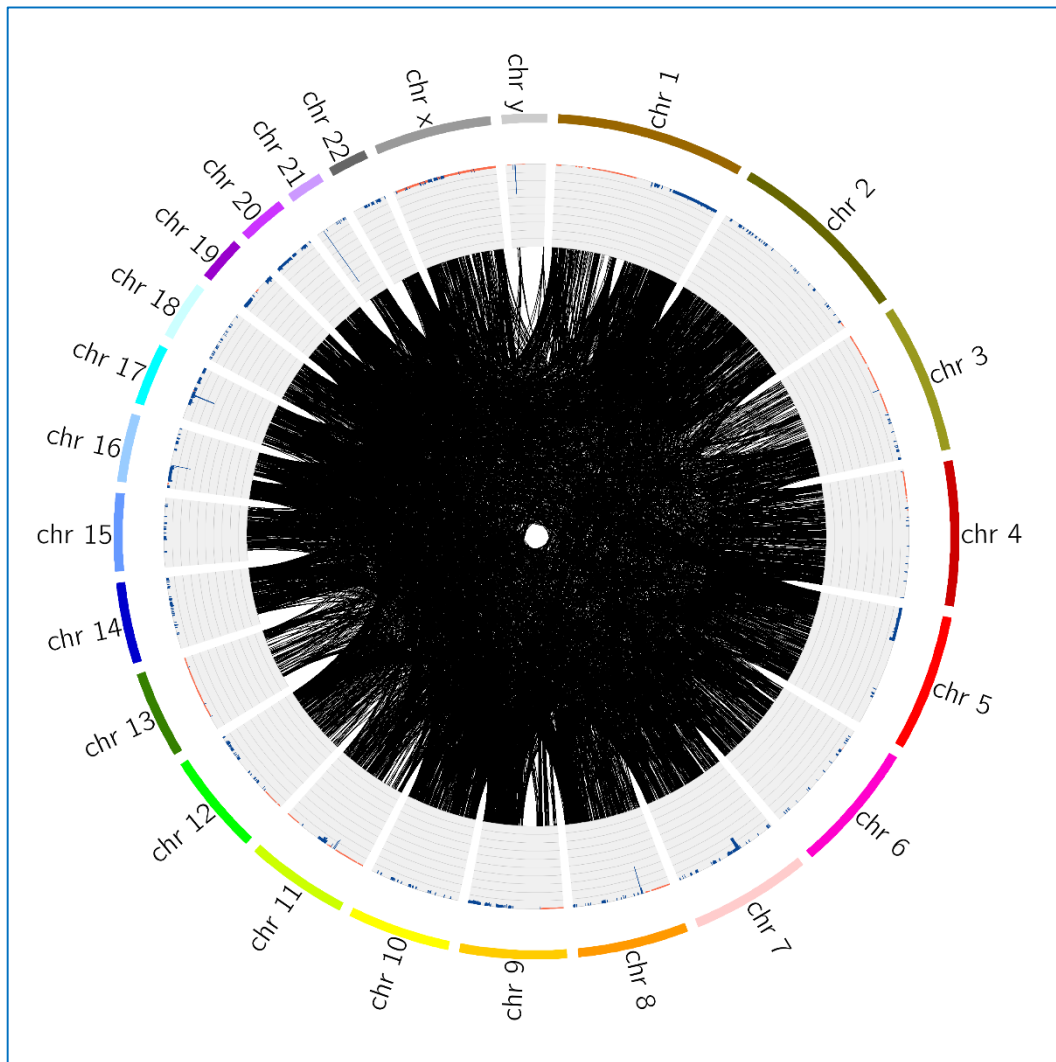
FAST – ERBB2 amplicon

p-27

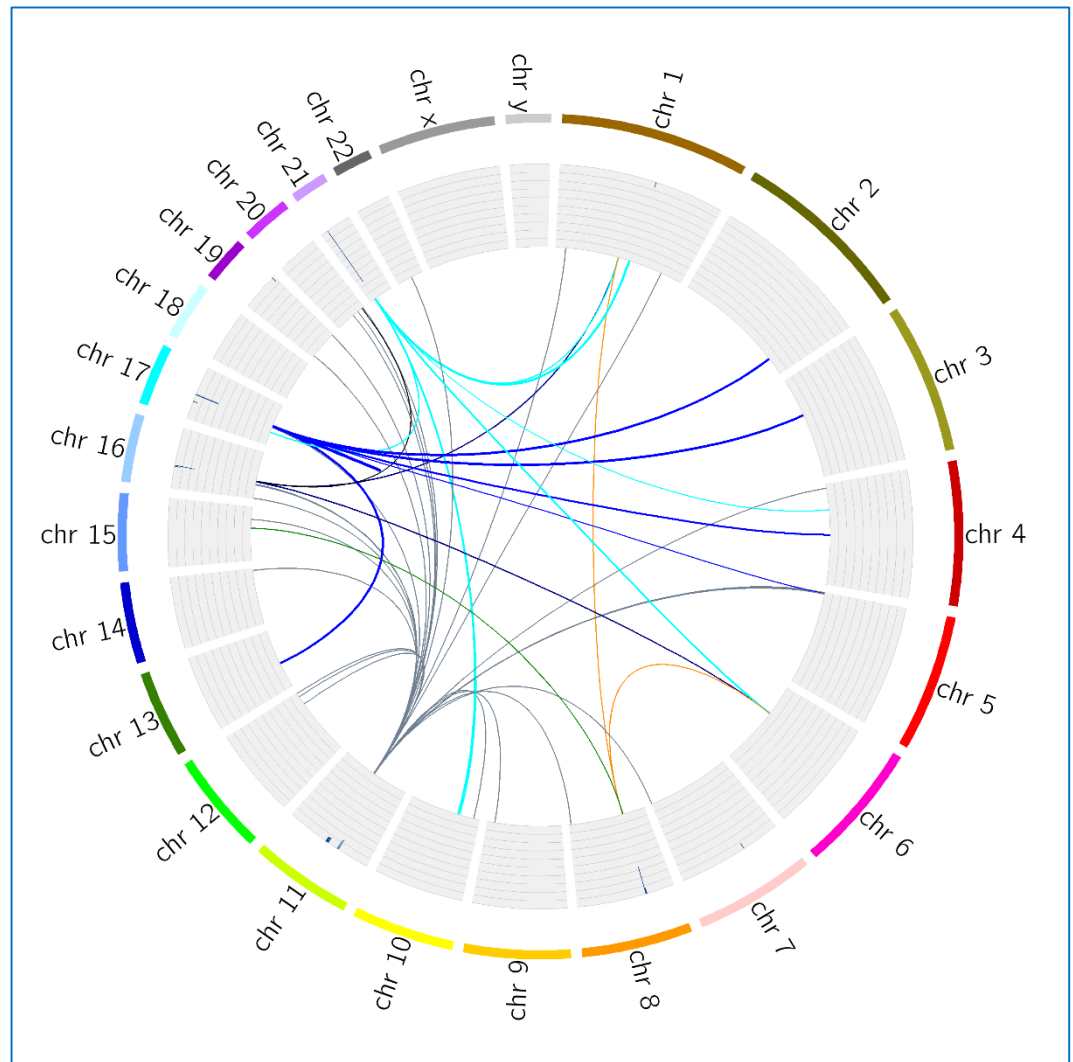


Control-FREEC

p-27

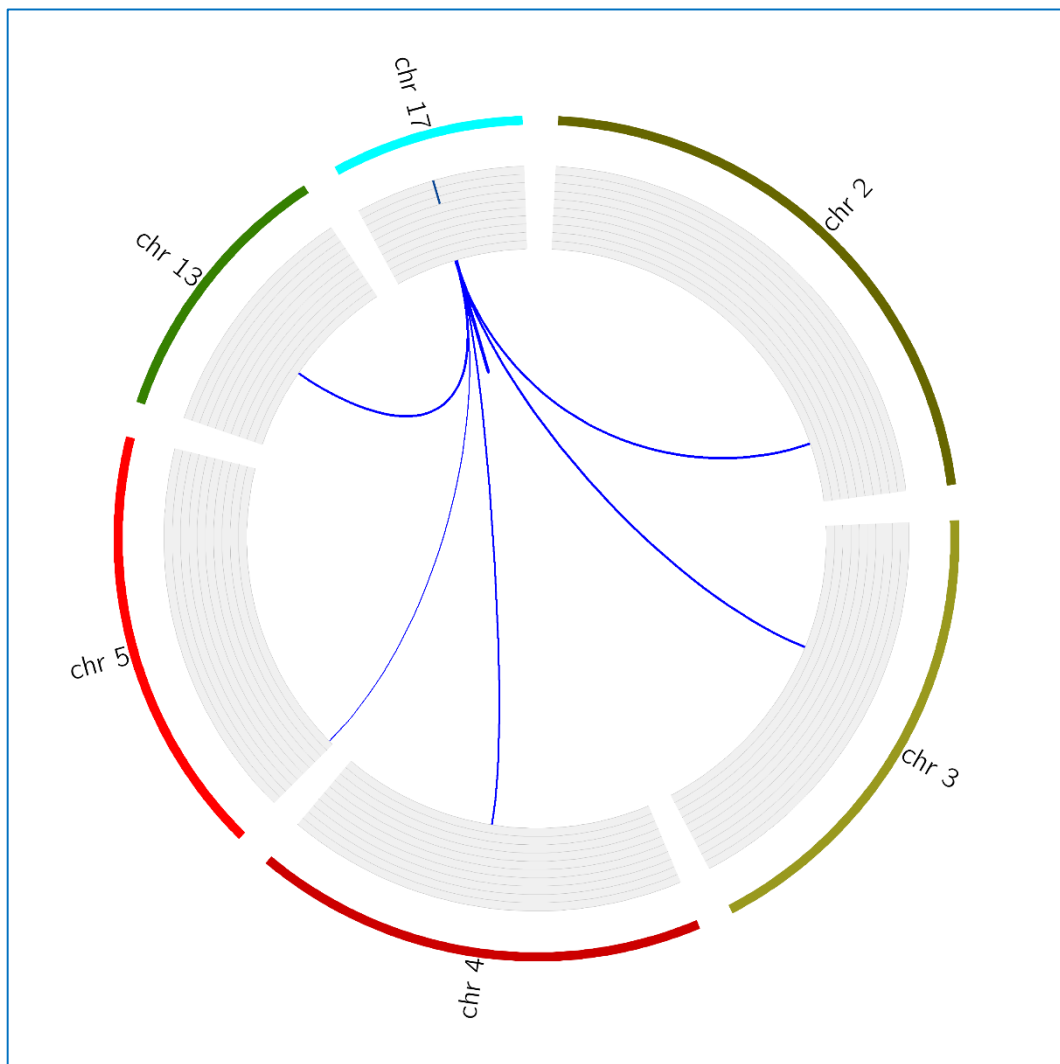


BreakDancer + Control-FREEC

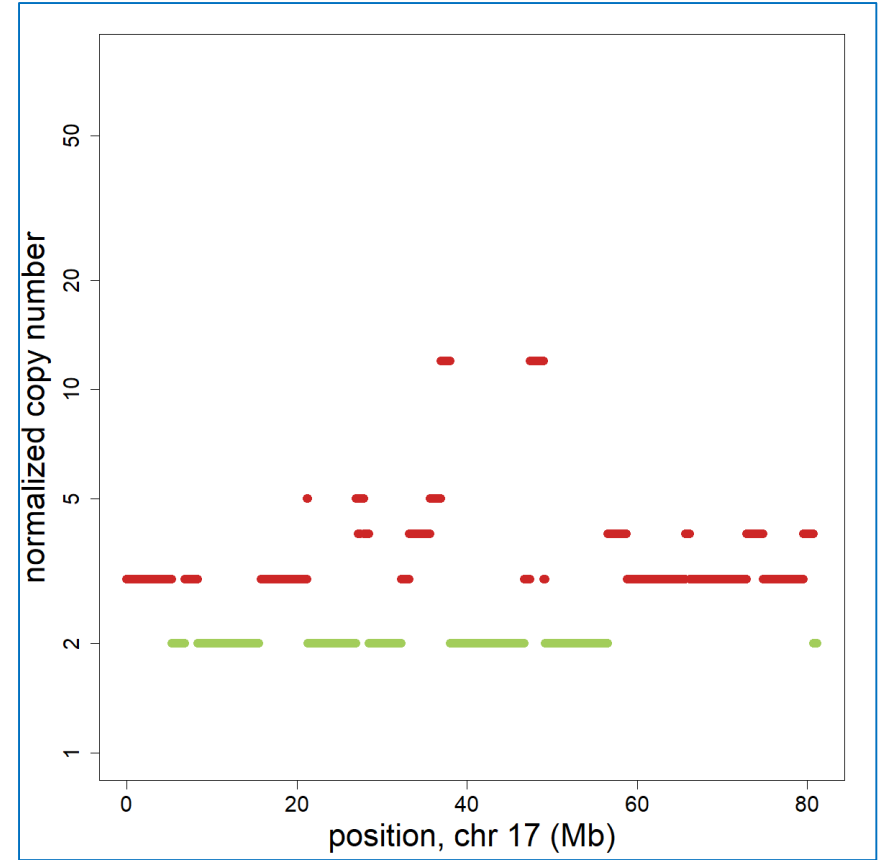
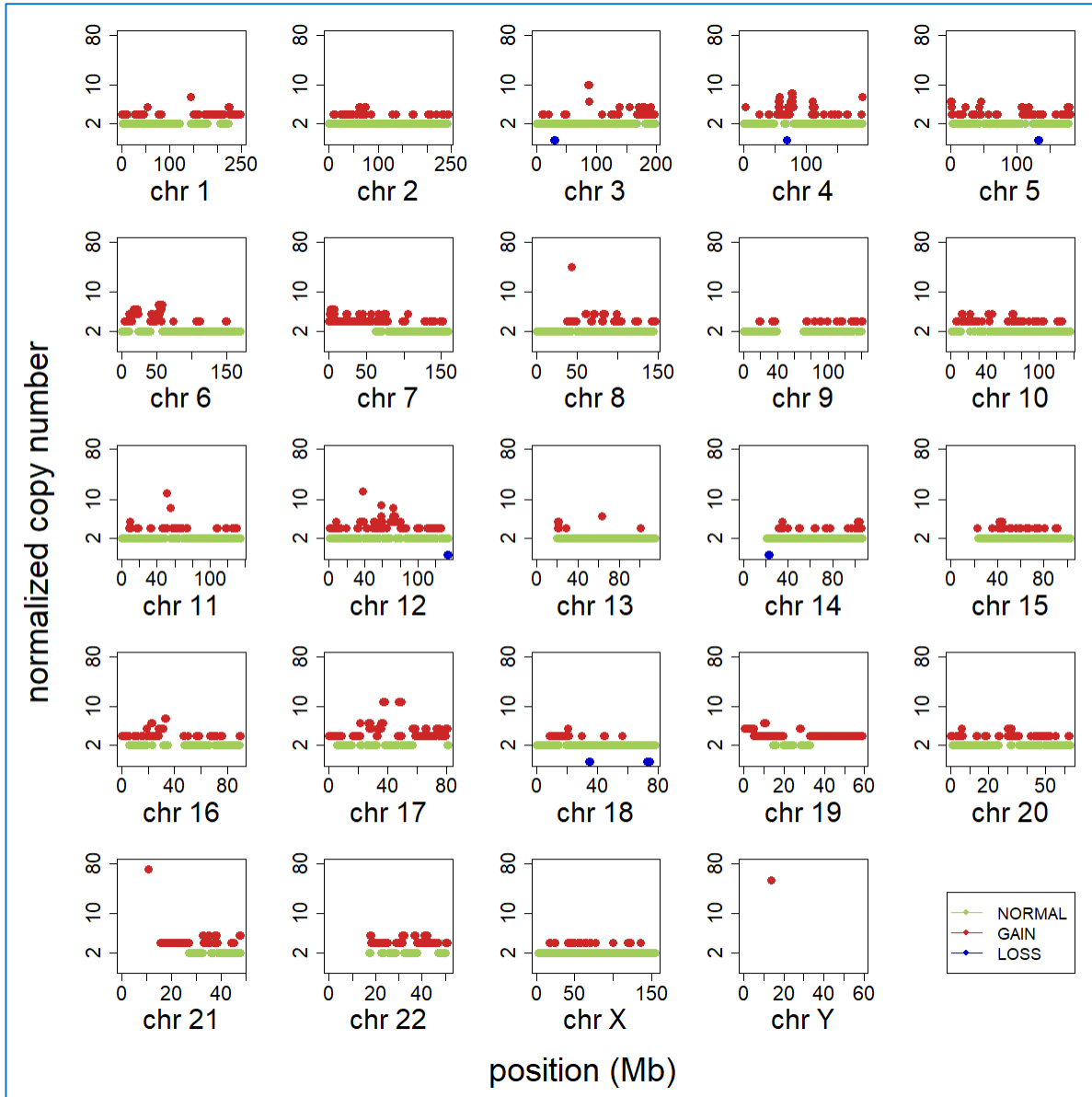


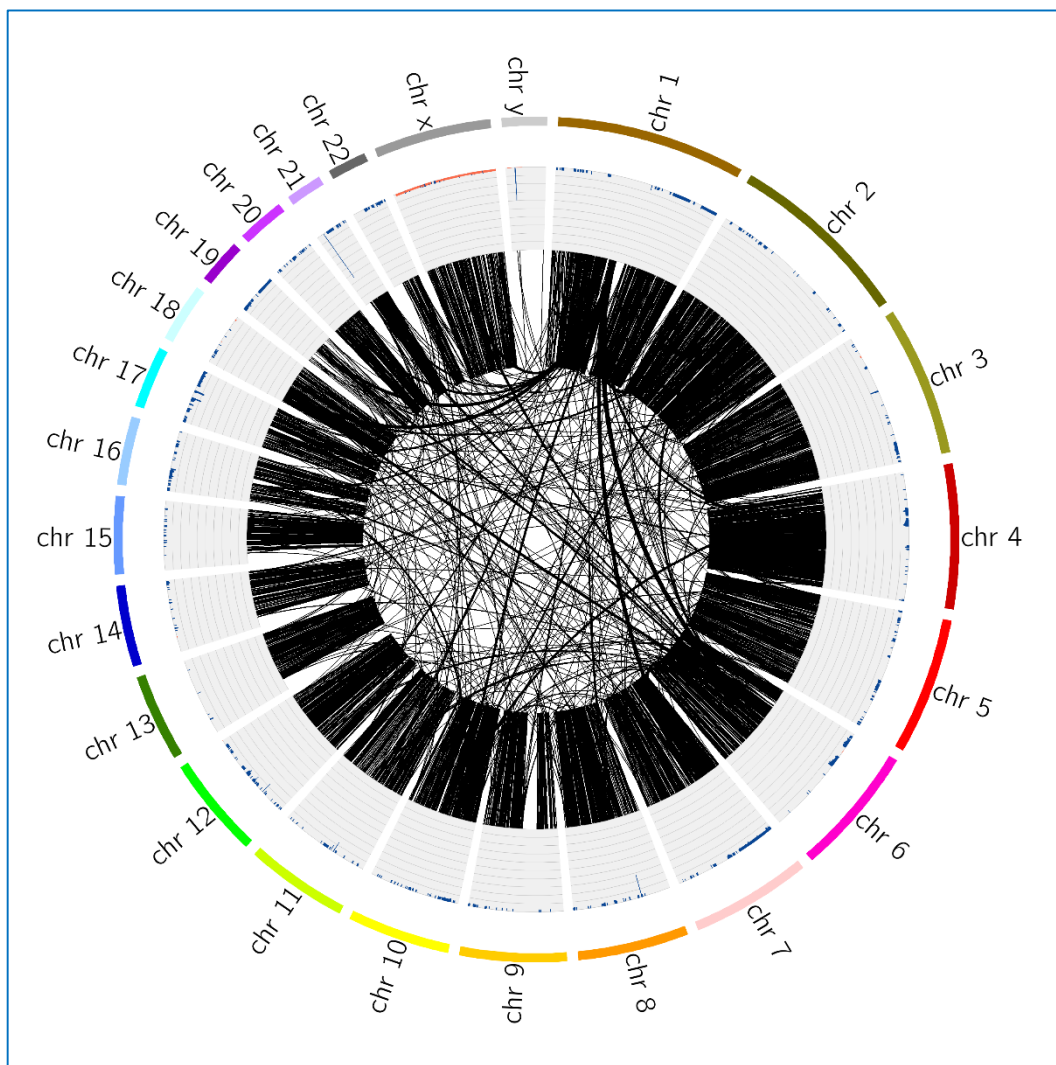
FAST - Whole Genome

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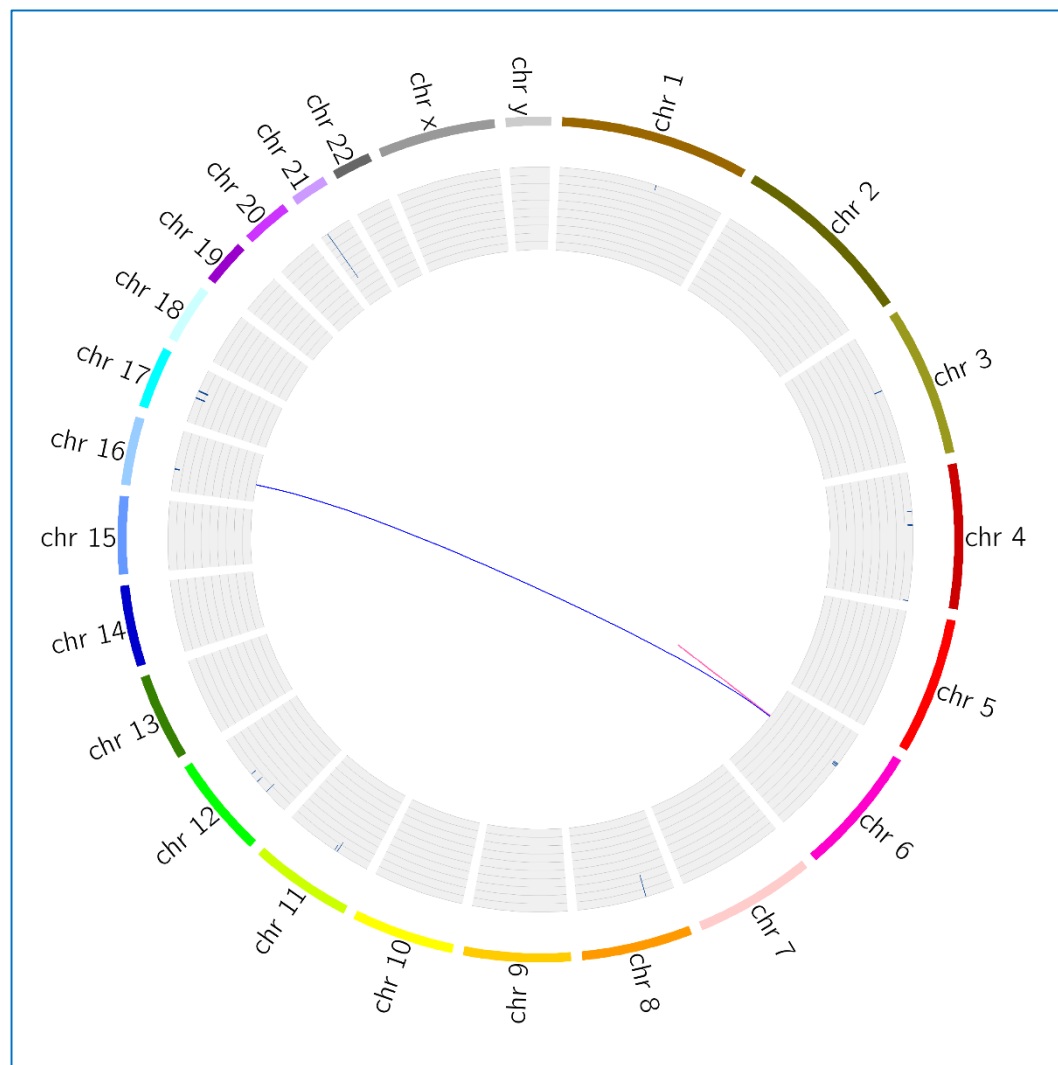


FAST - ERBB2 amplicon



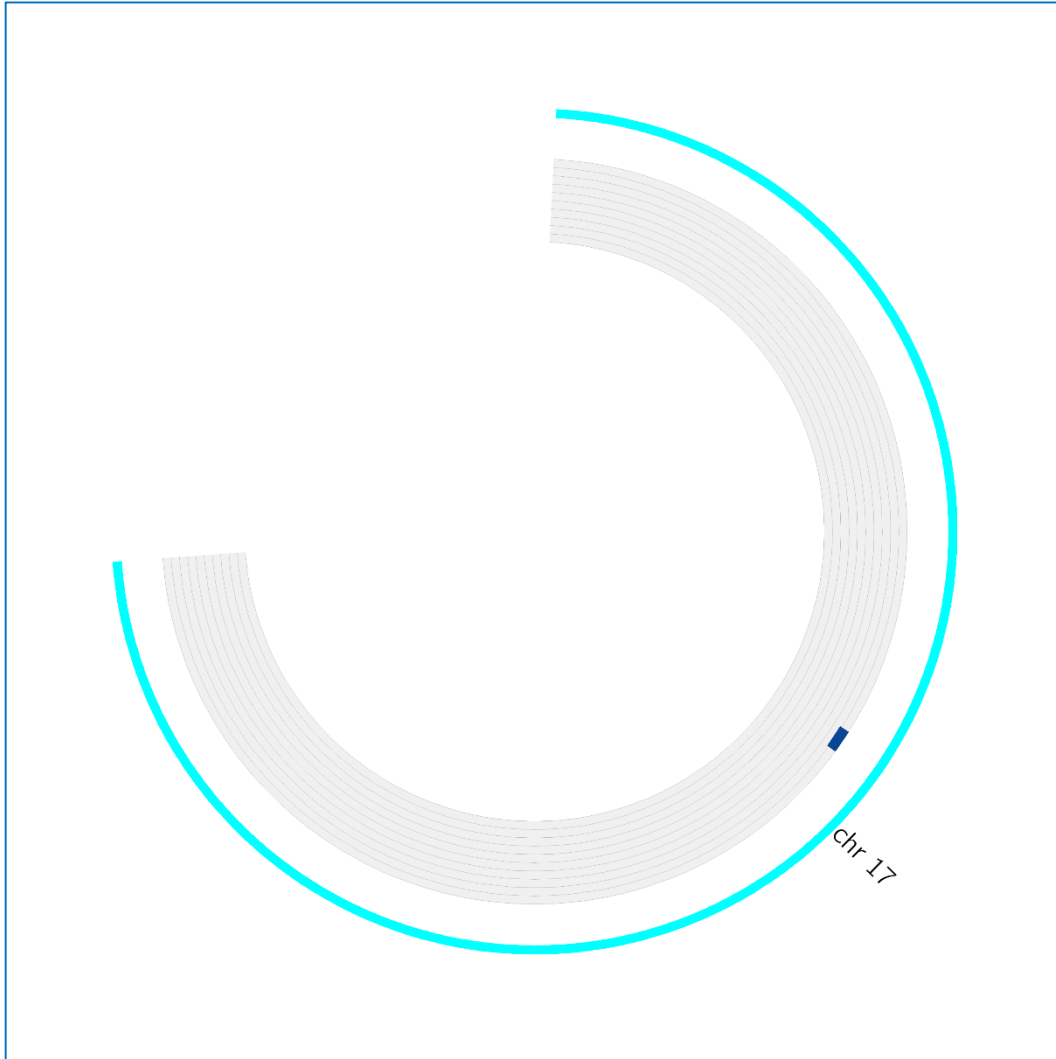


BreakDancer + Control-FREEC

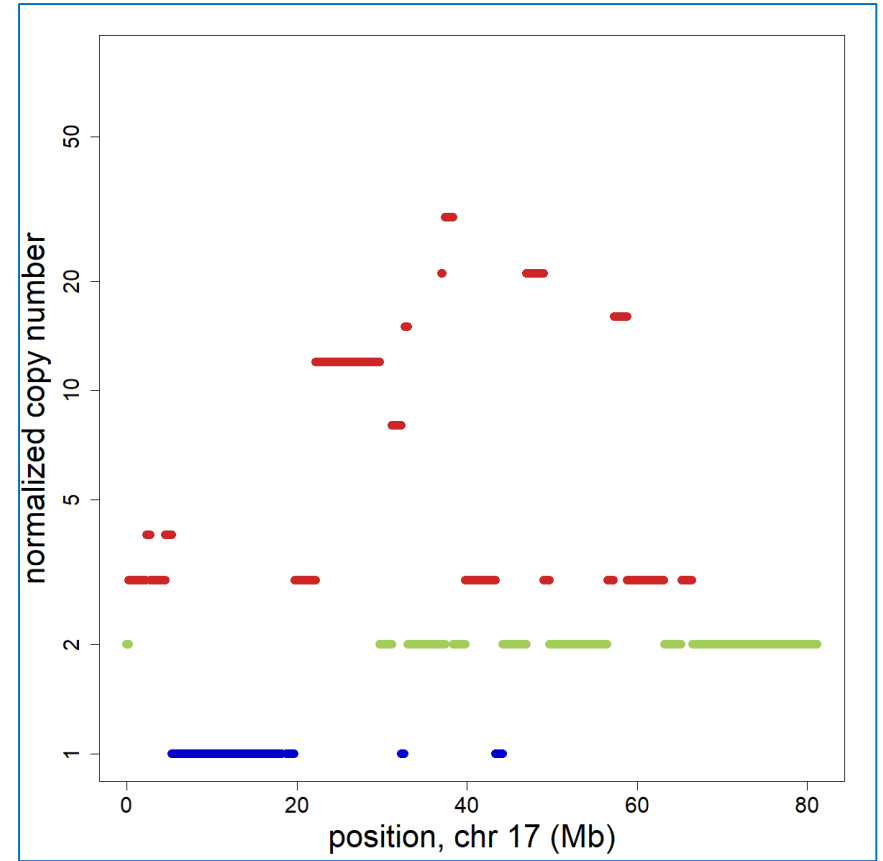
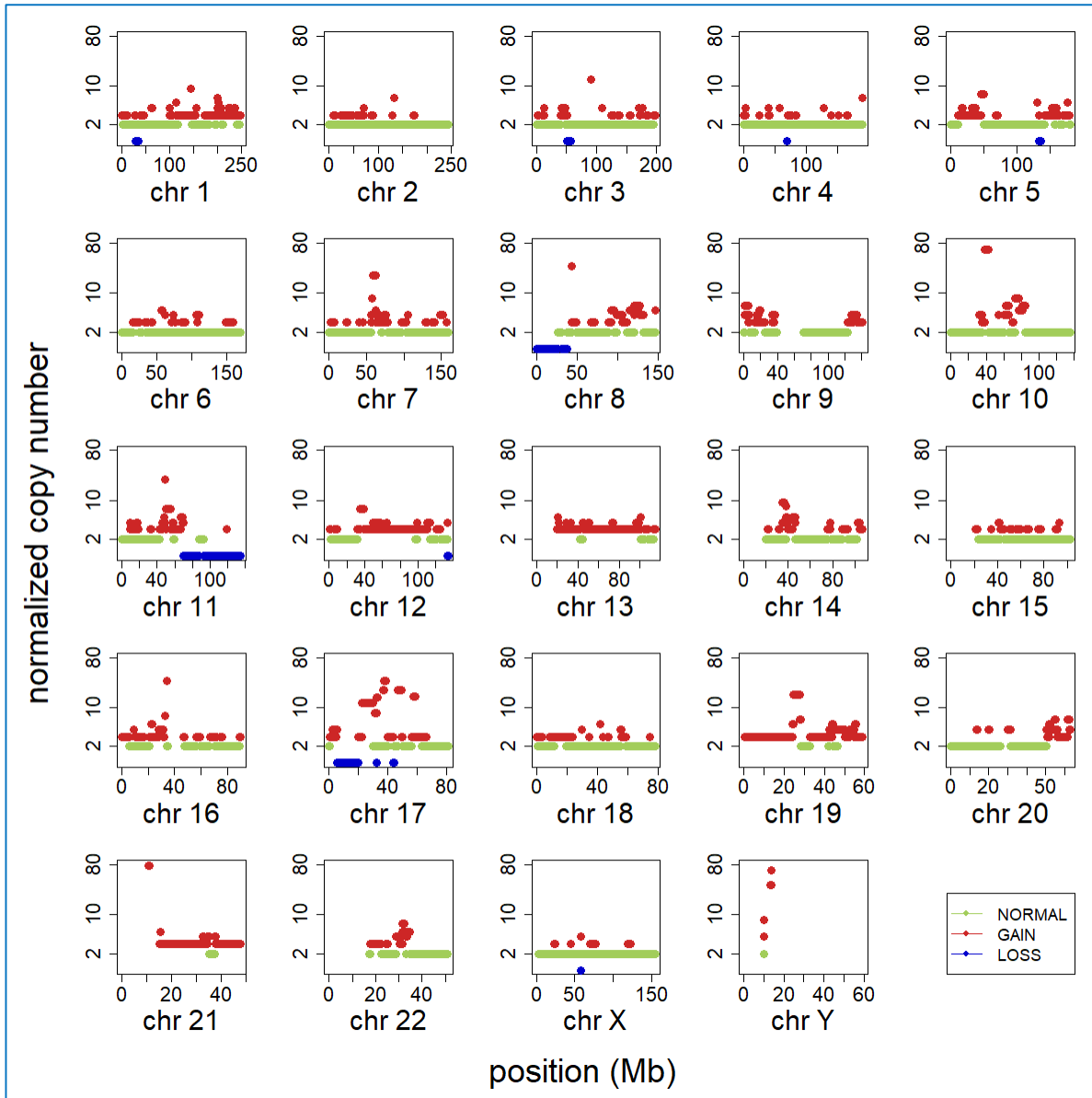


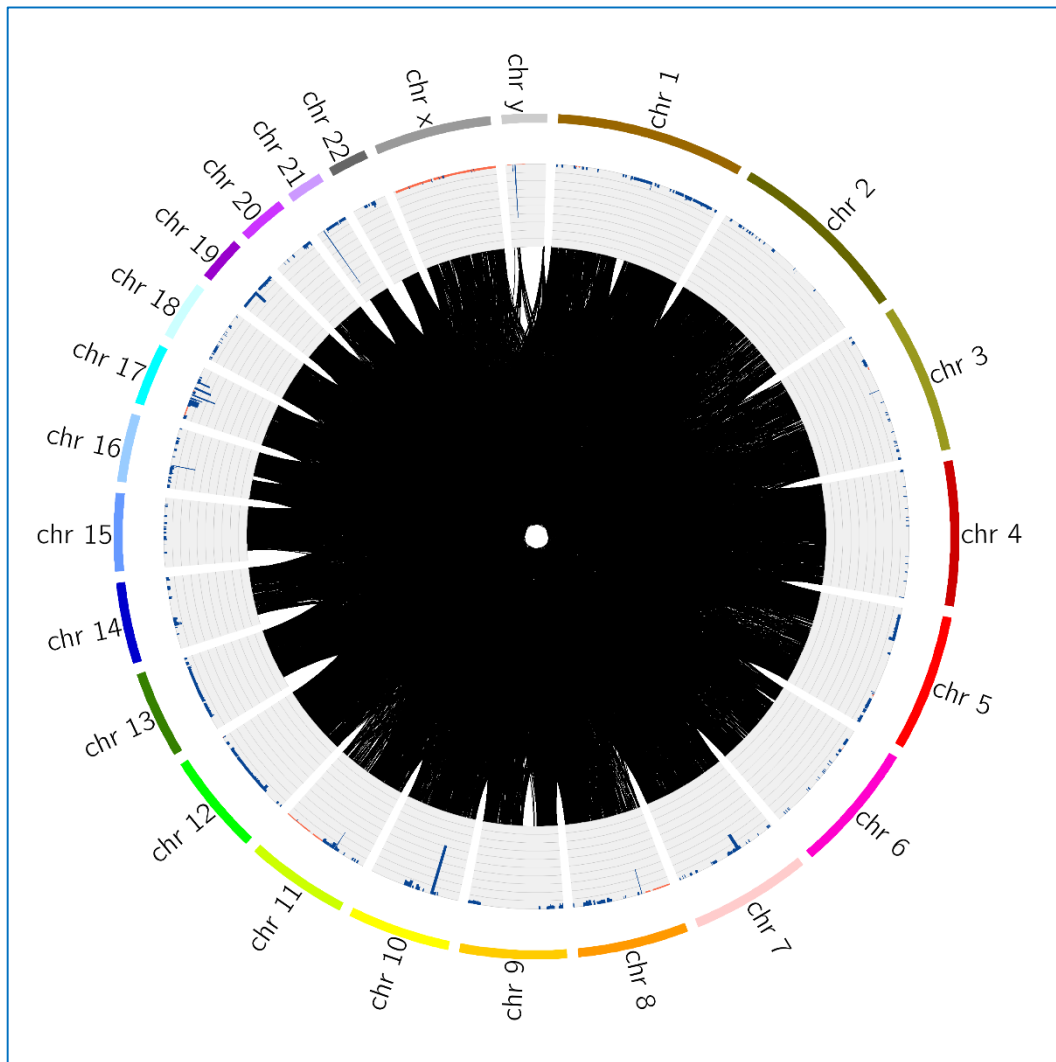
FAST - Whole Genome

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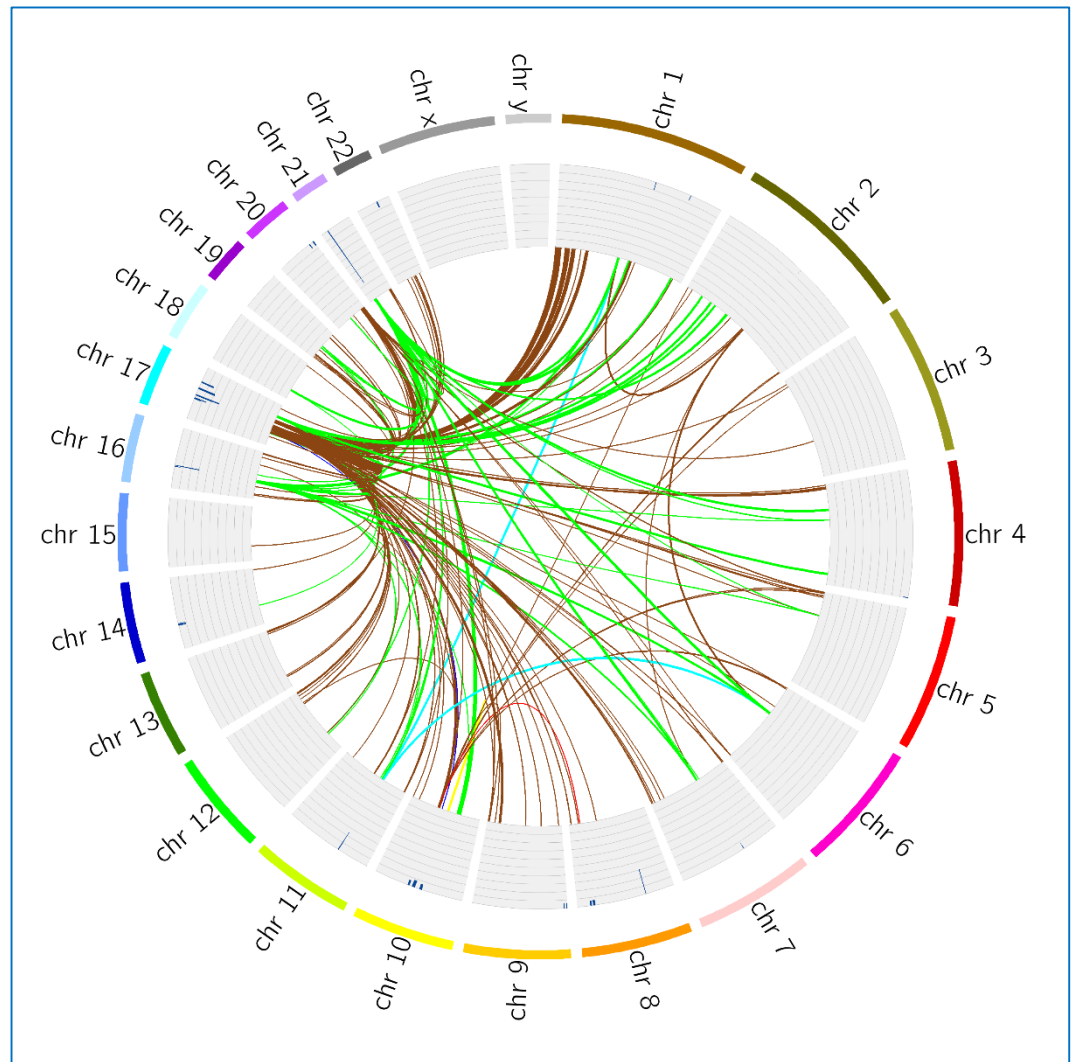


FAST – ERBB2 amplicon



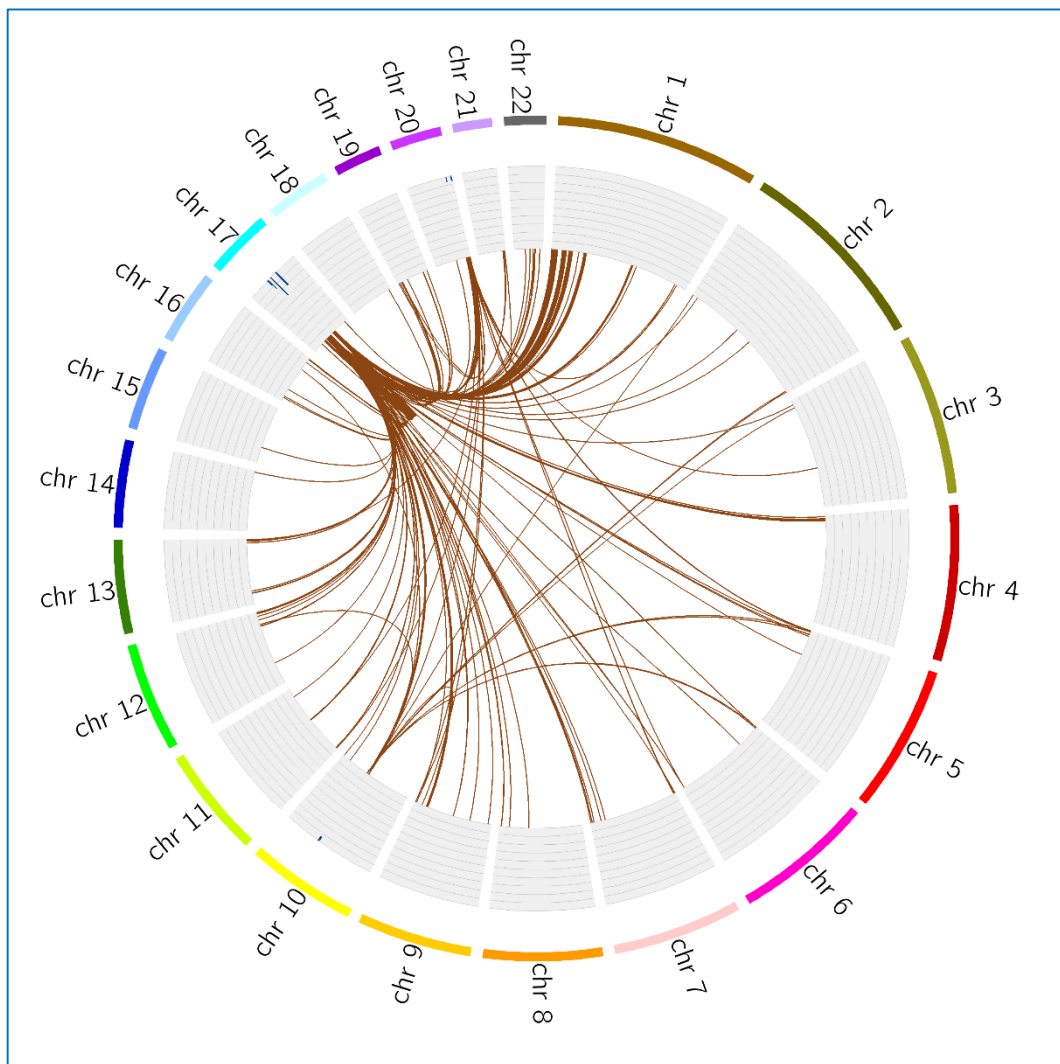


BreakDancer + Control-FREEC

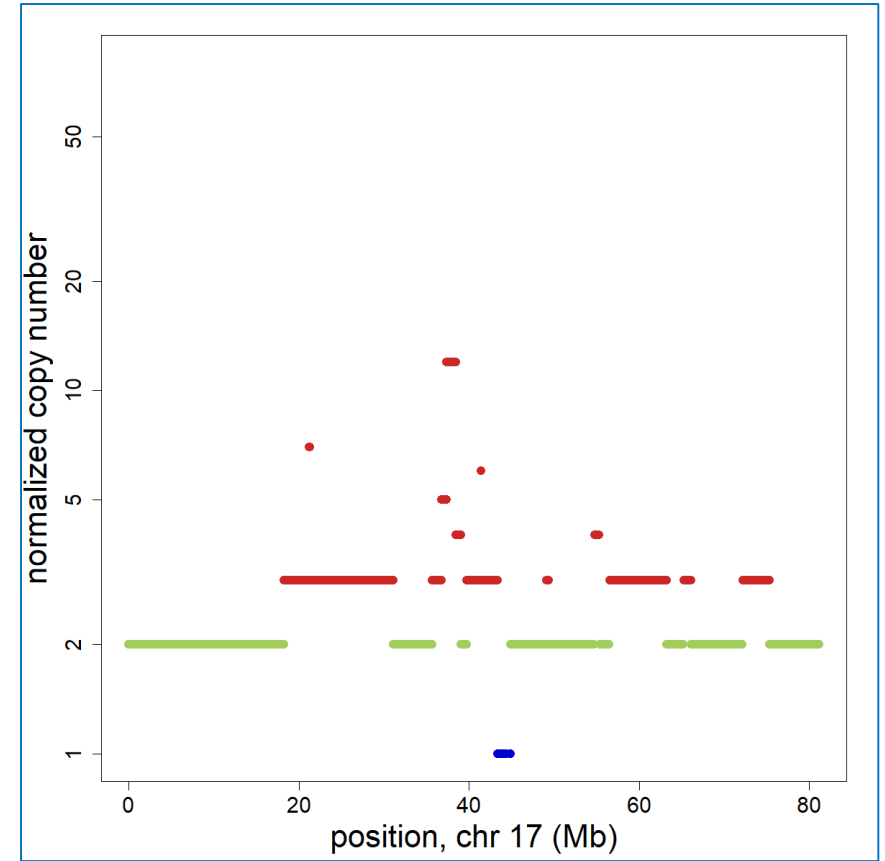
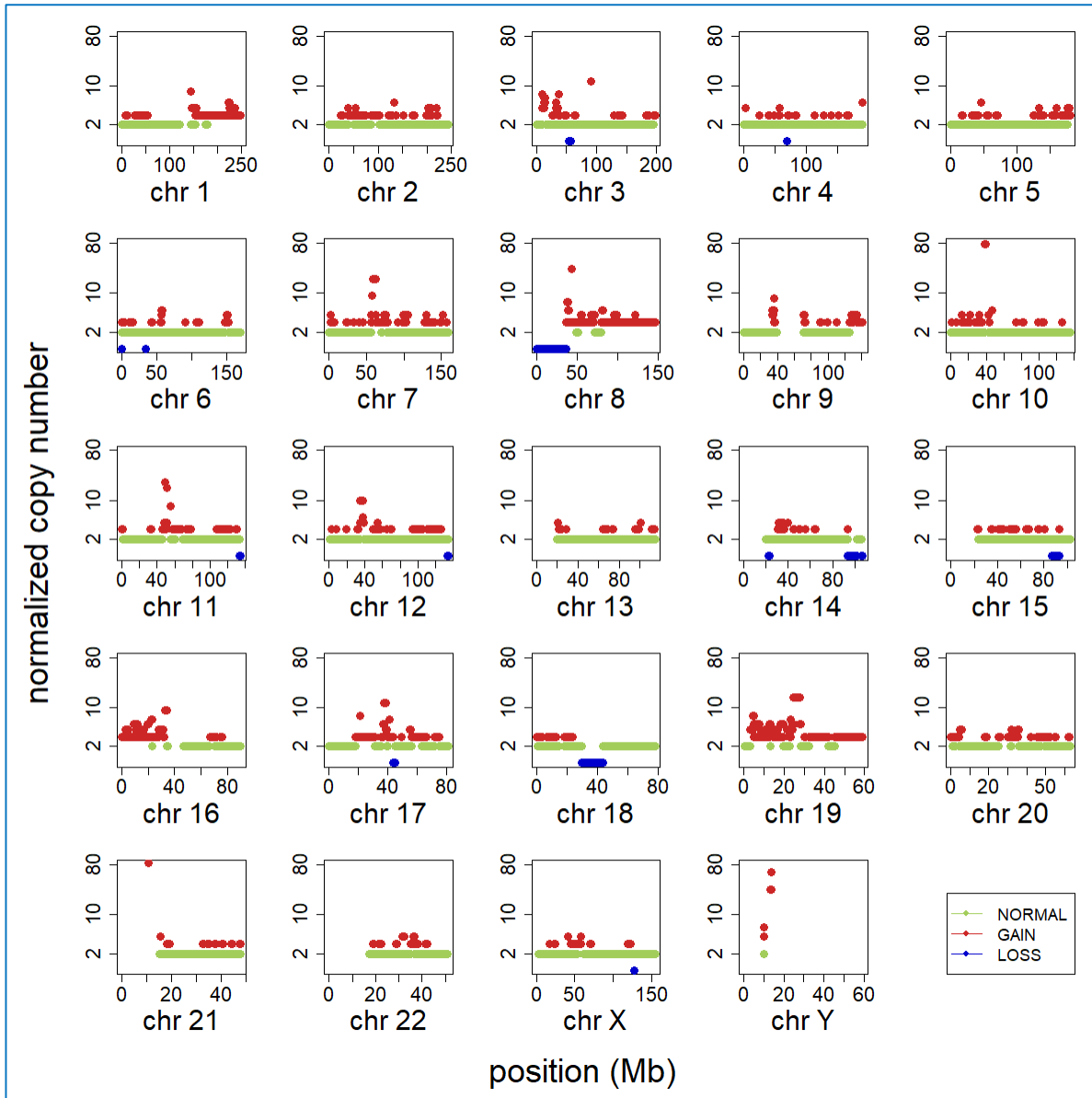


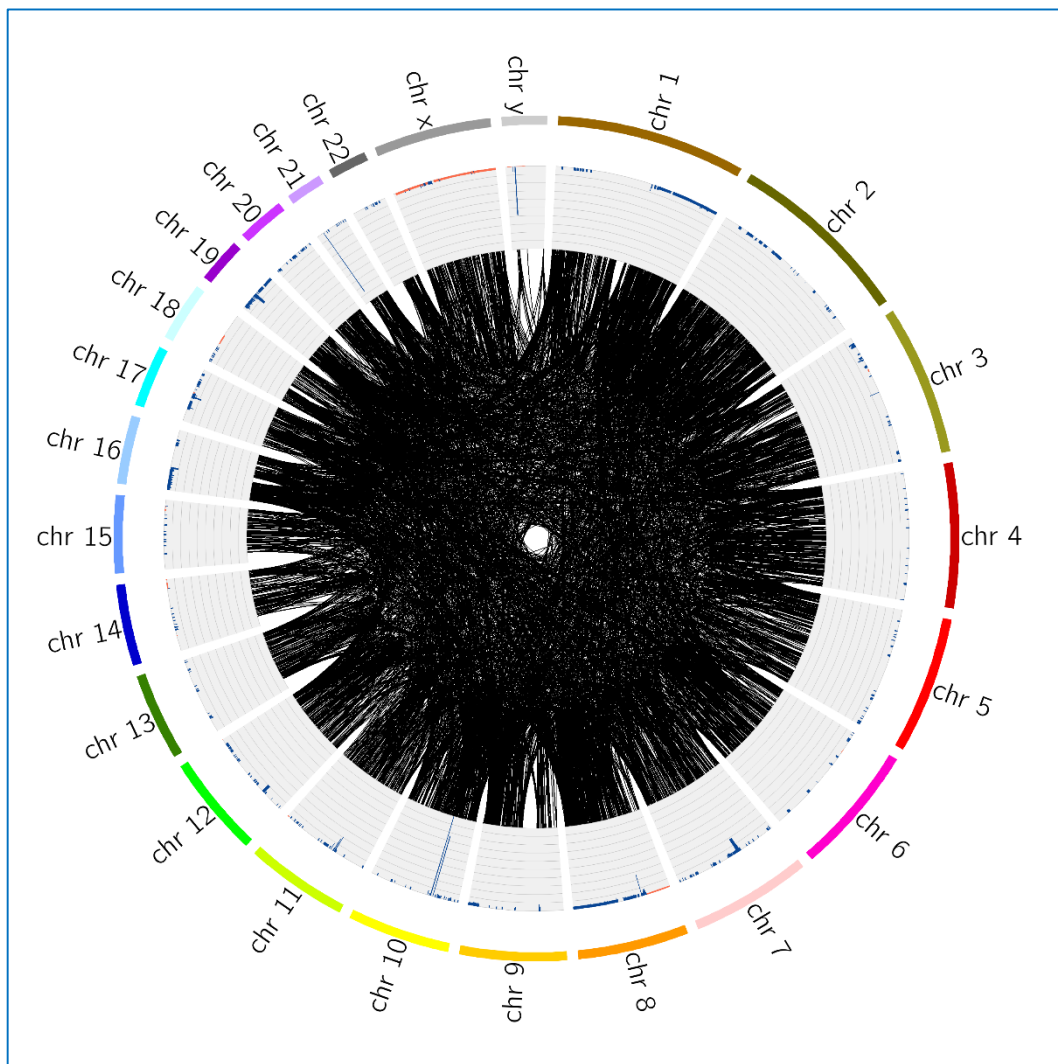
FAST - Whole Genome

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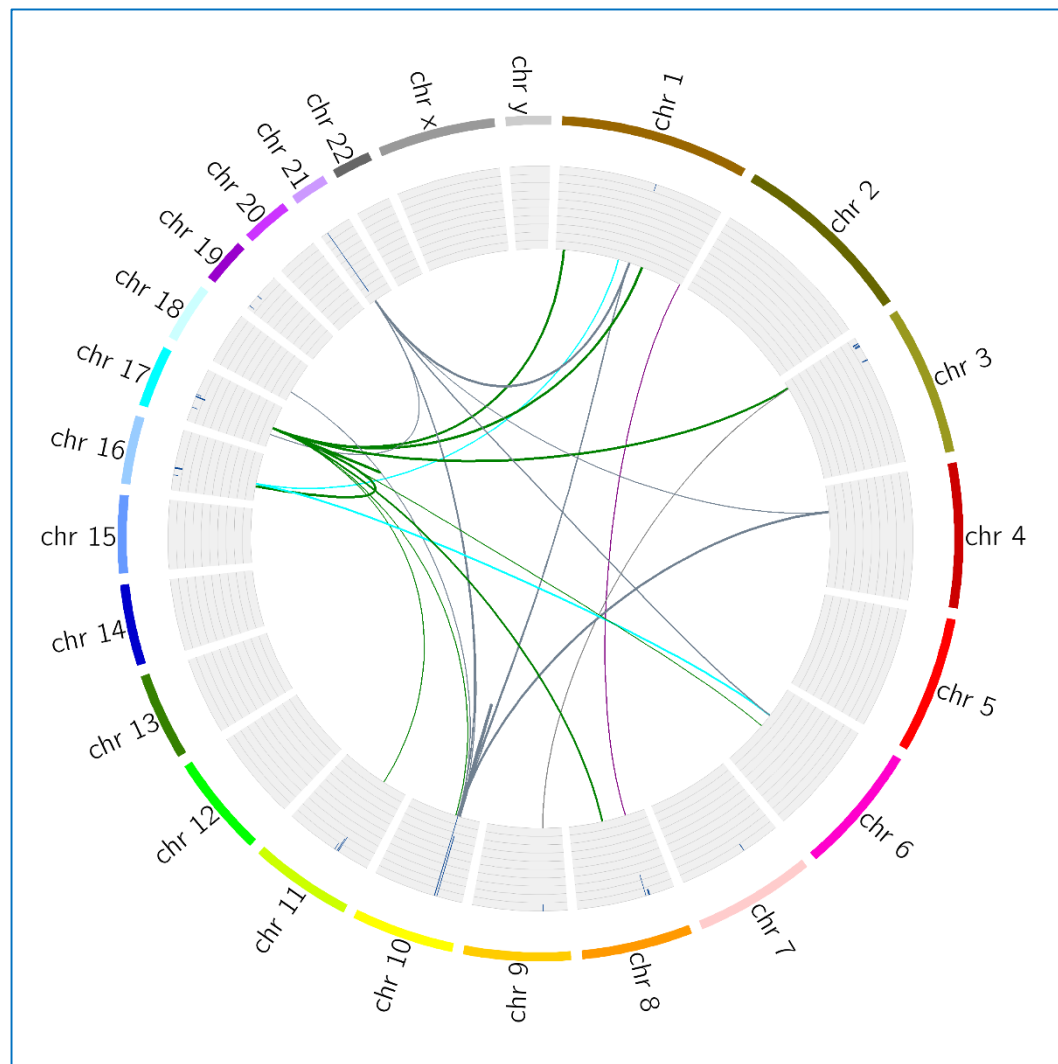


FAST – ERBB2 amplicon



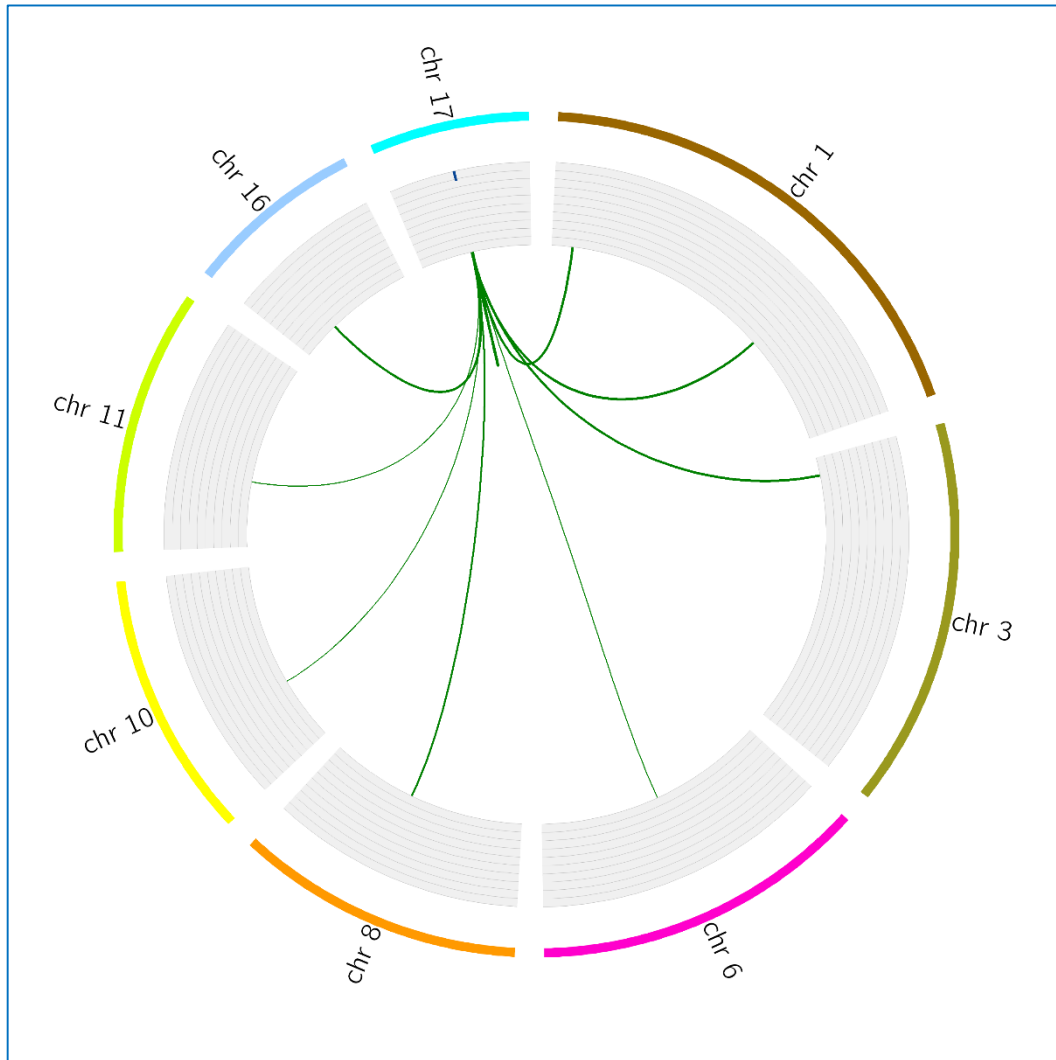


BreakDancer + Control-FREEC

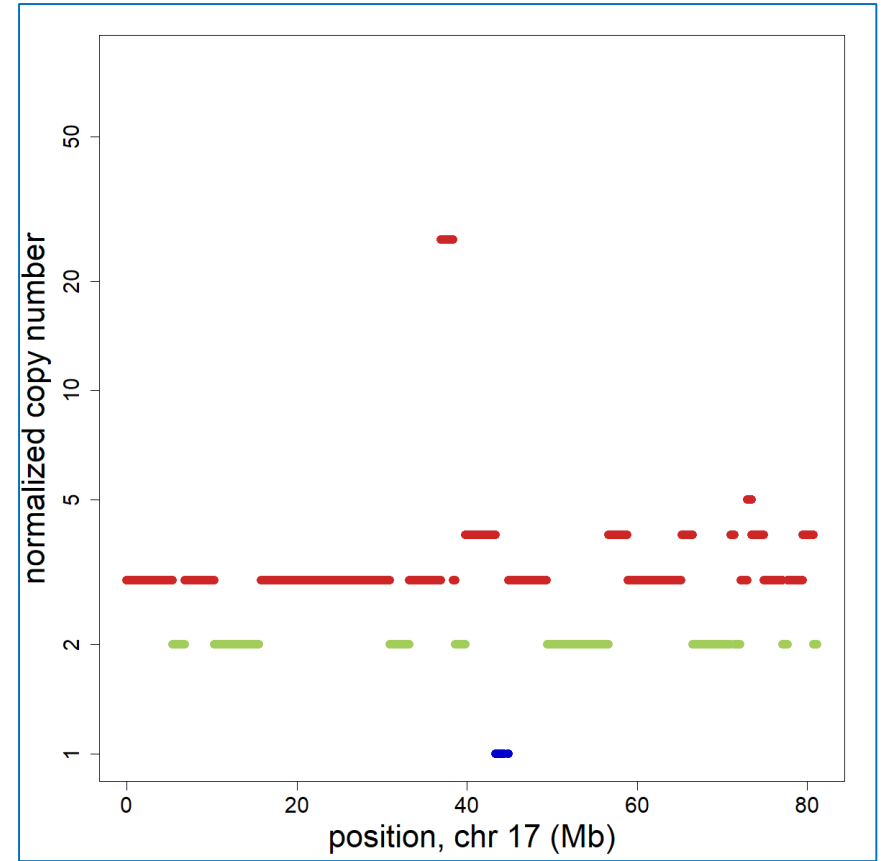
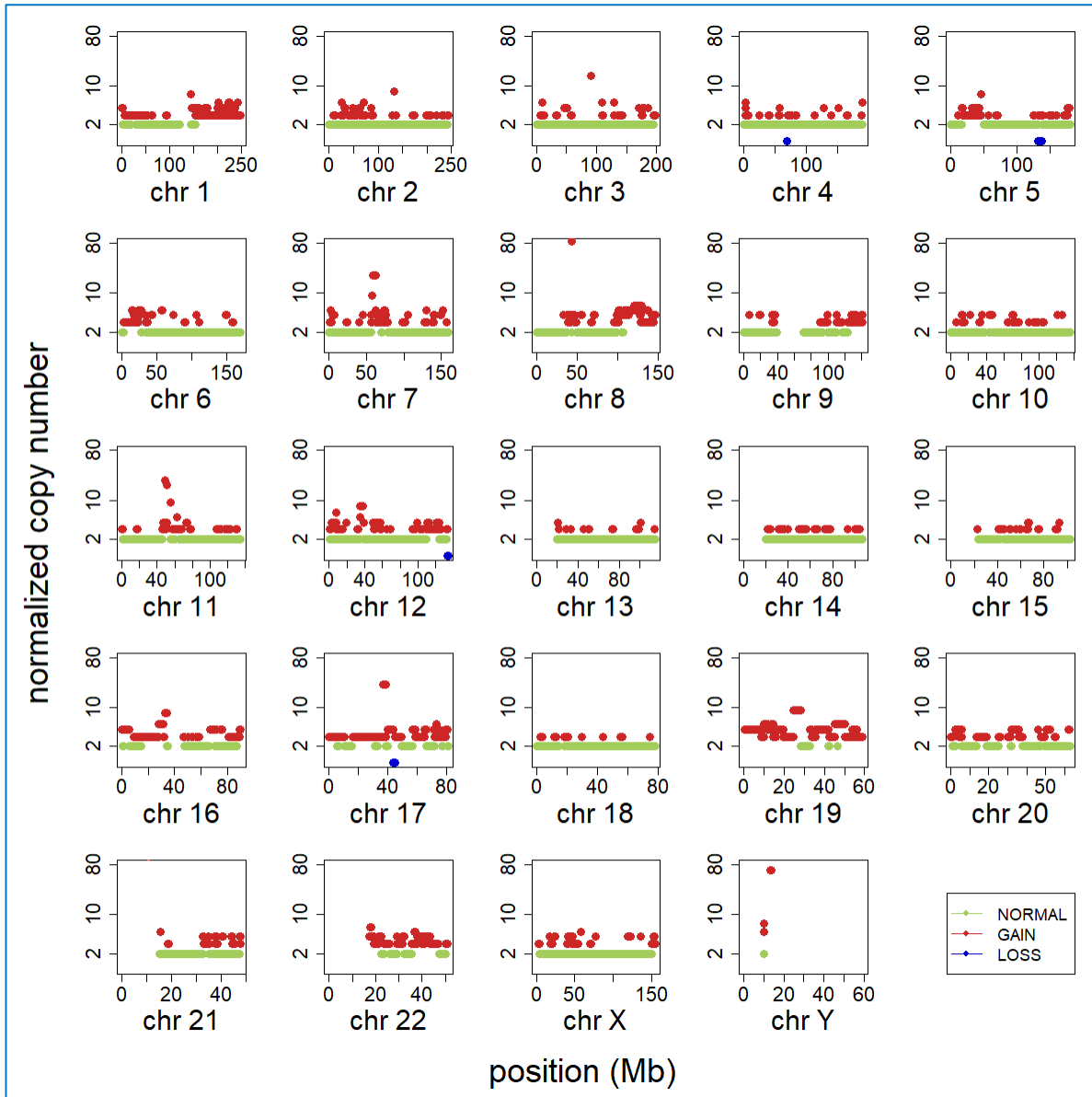


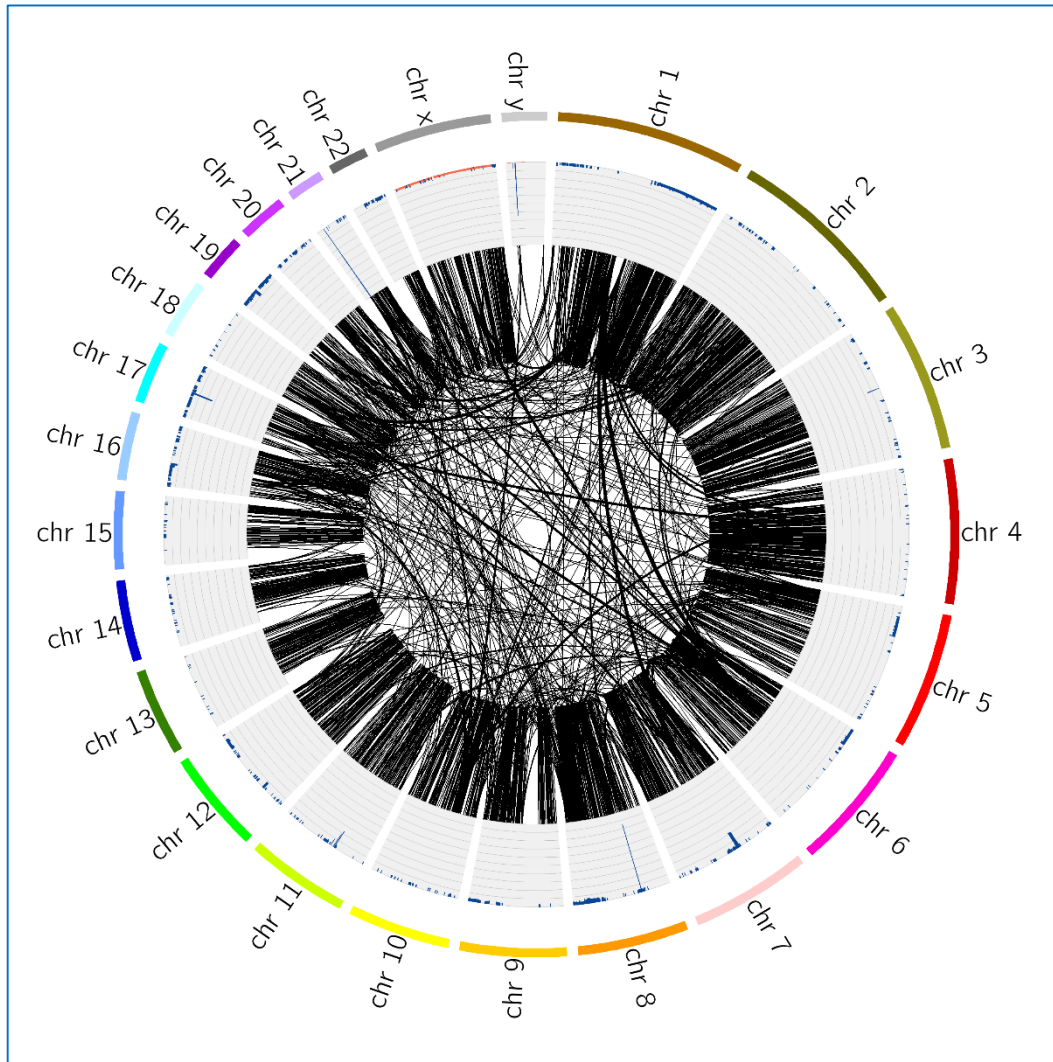
FAST - Whole Genome

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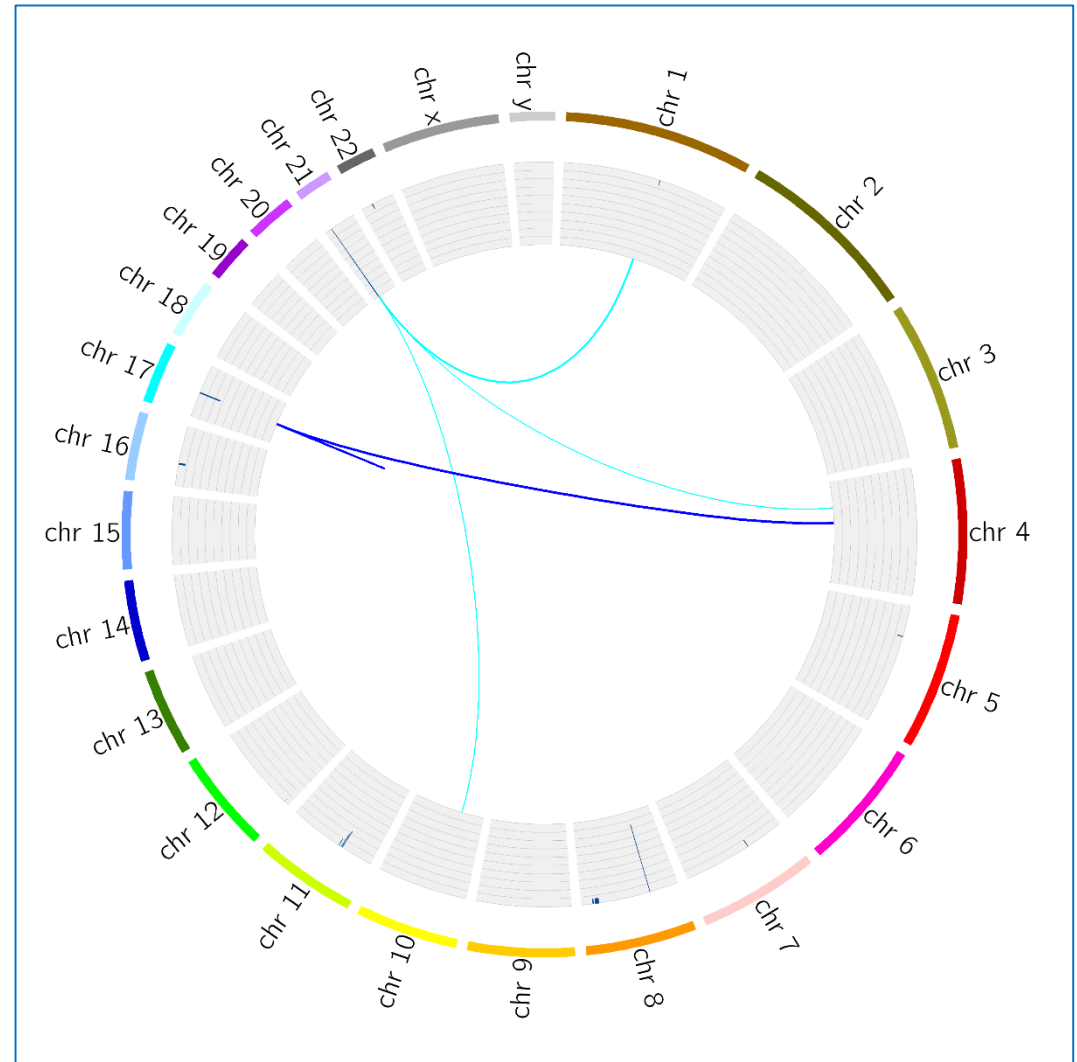


FAST – ERBB2 amplicon



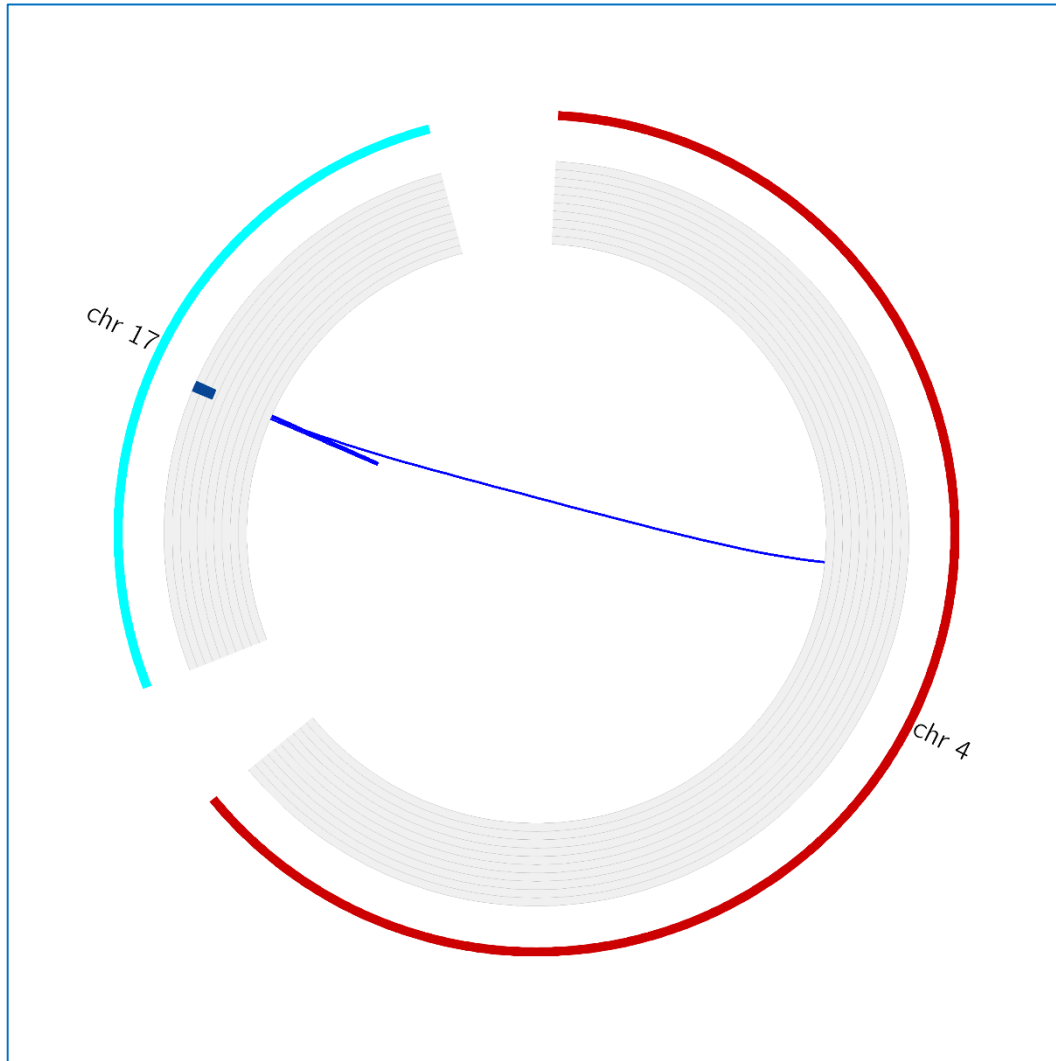


BreakDancer + Control-FREEC

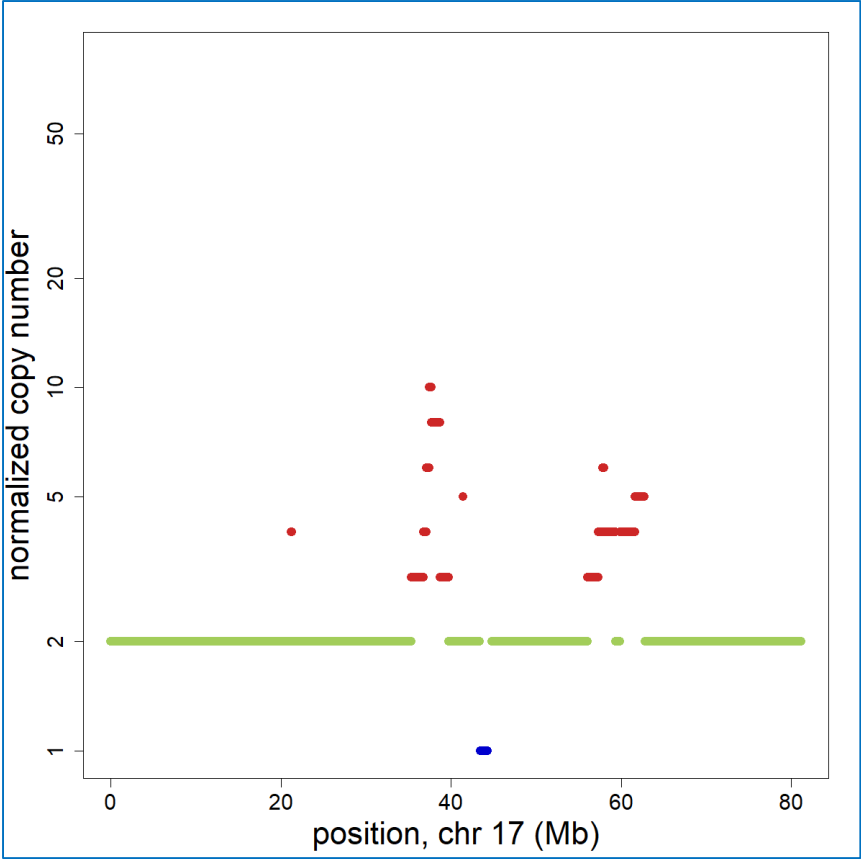
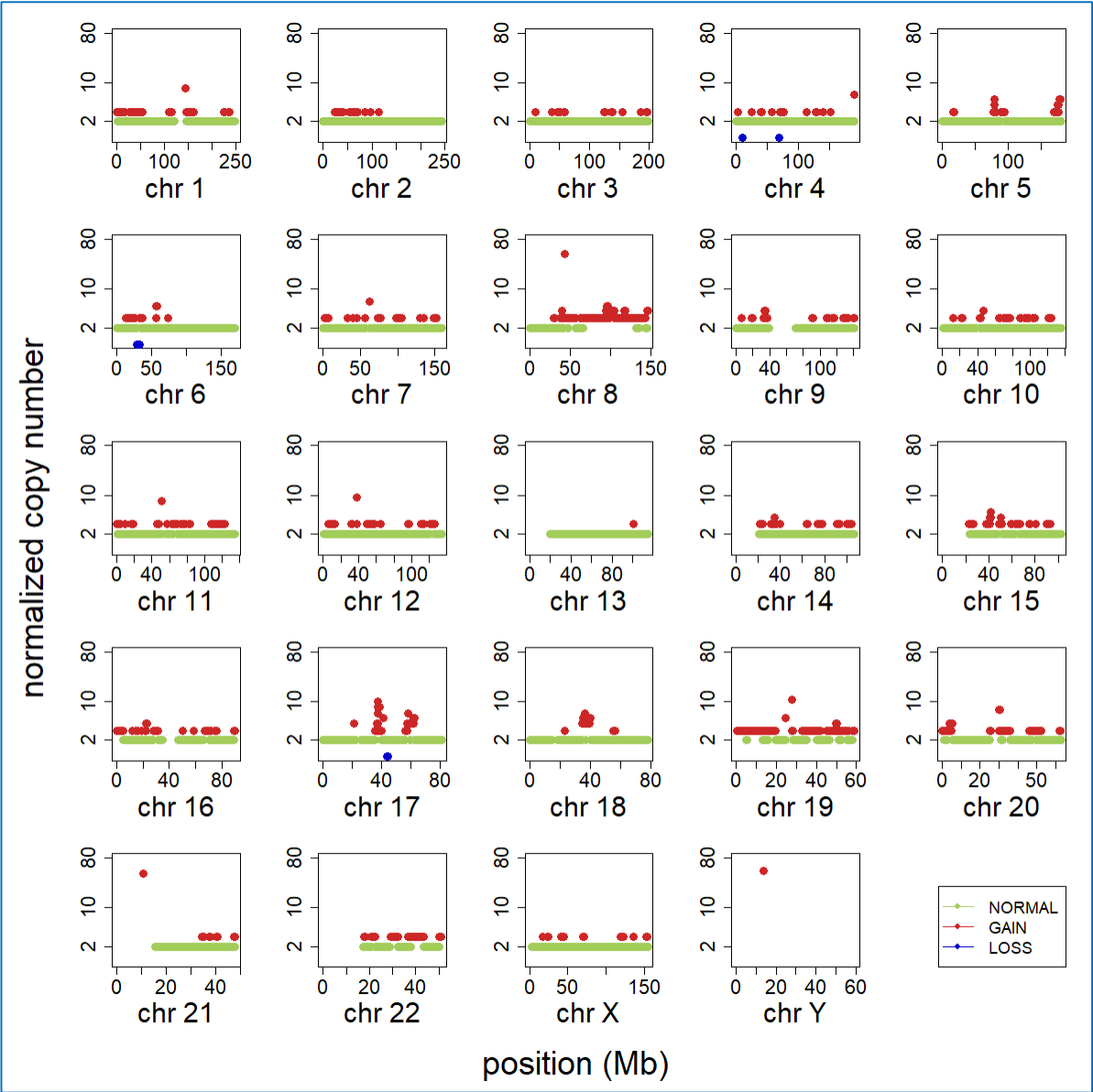


FAST - Whole Genome

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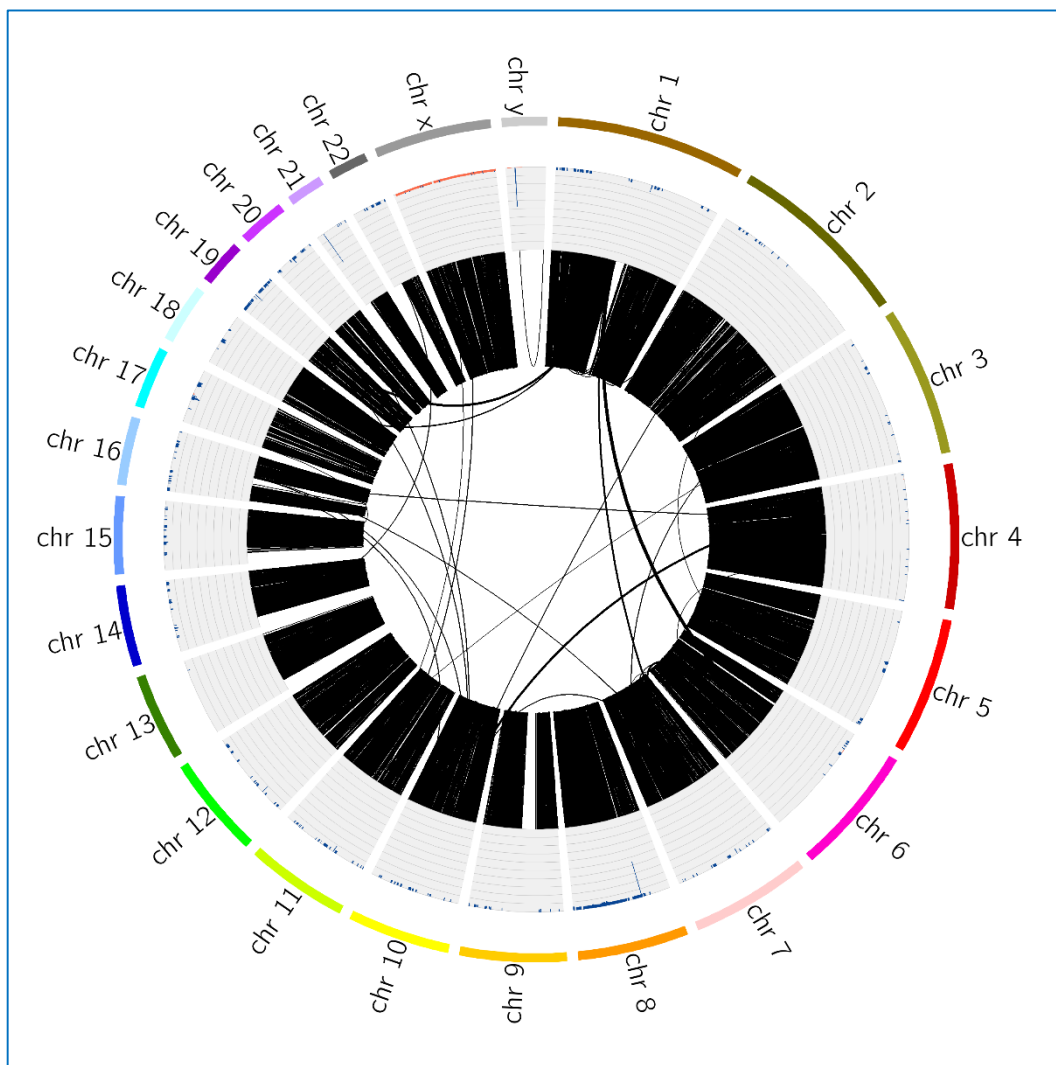


FAST – ERBB2 amplicon

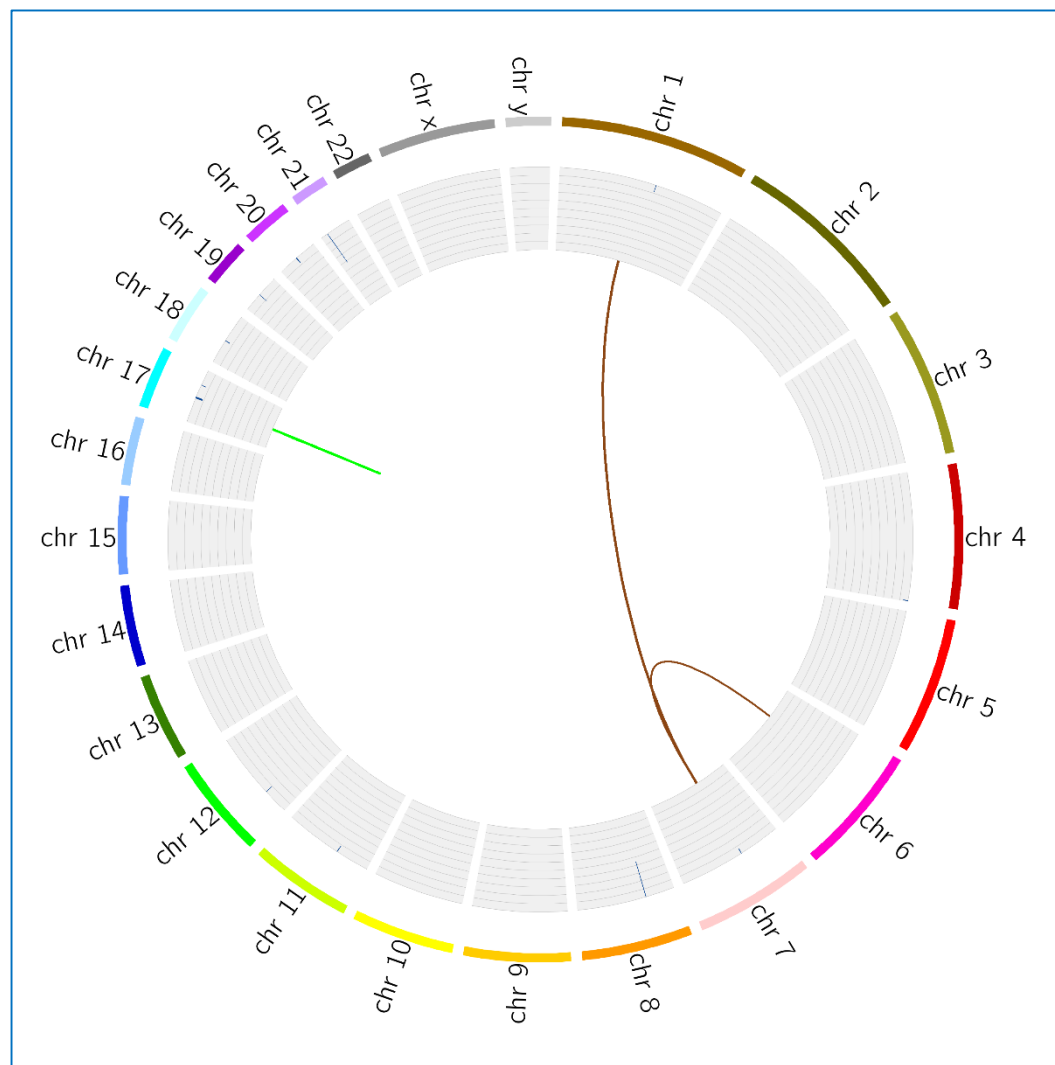


Control-FREEC

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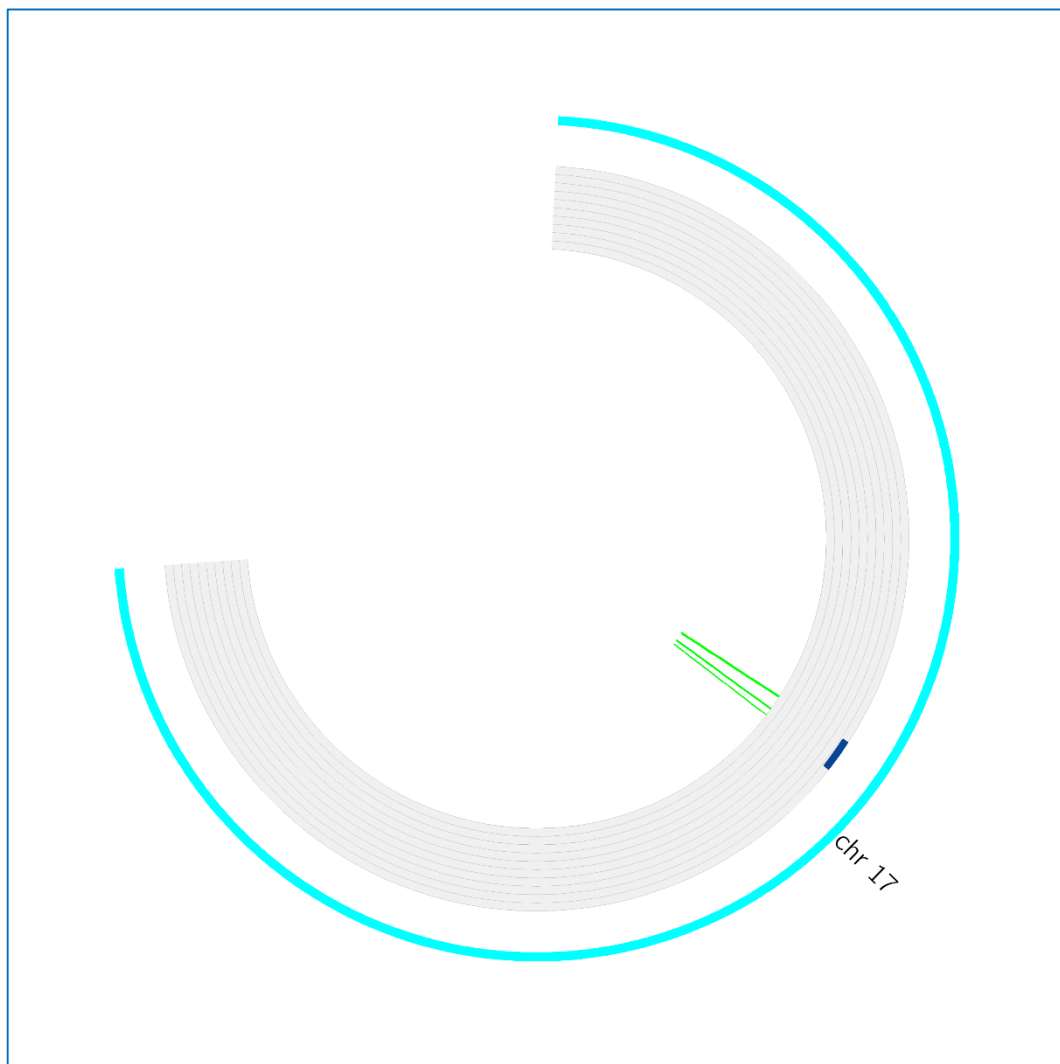


BreakDancer + Control-FREEC

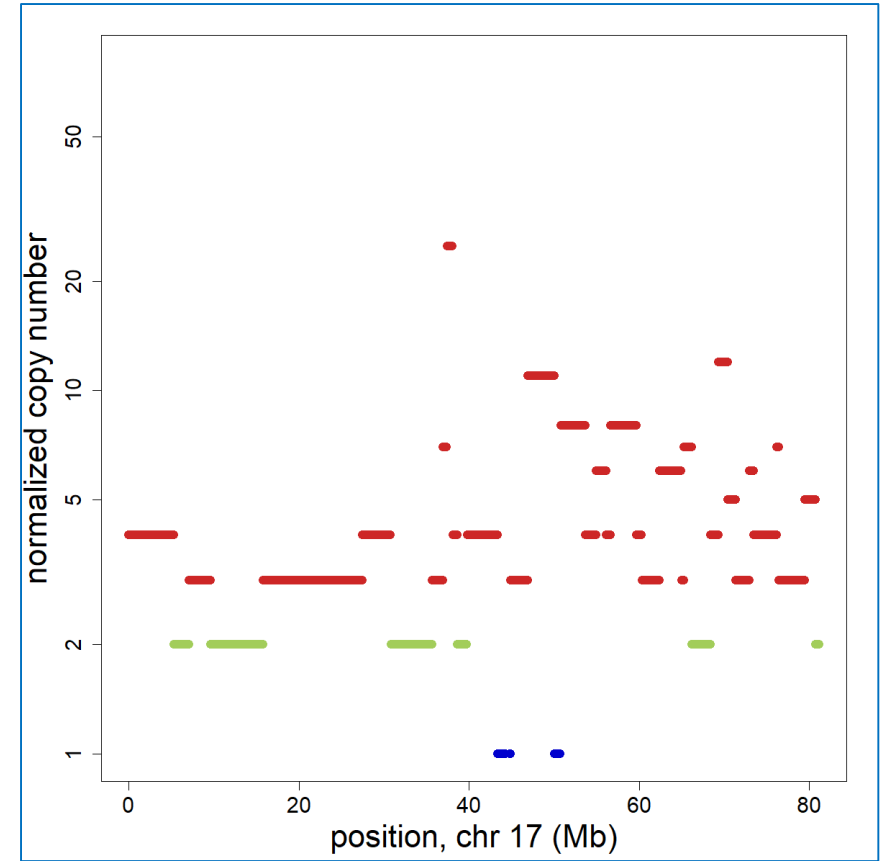
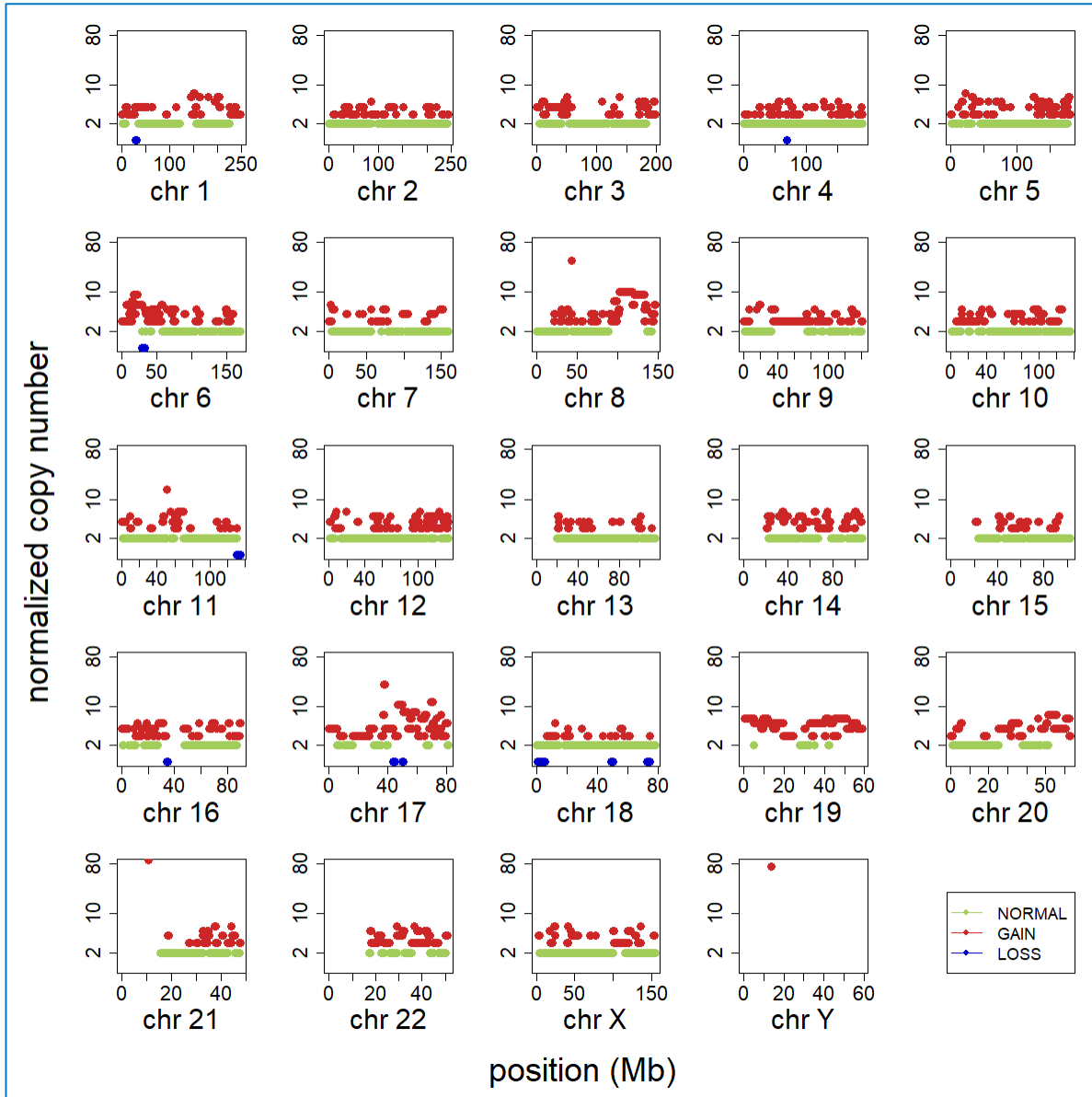


FAST – Whole Genome

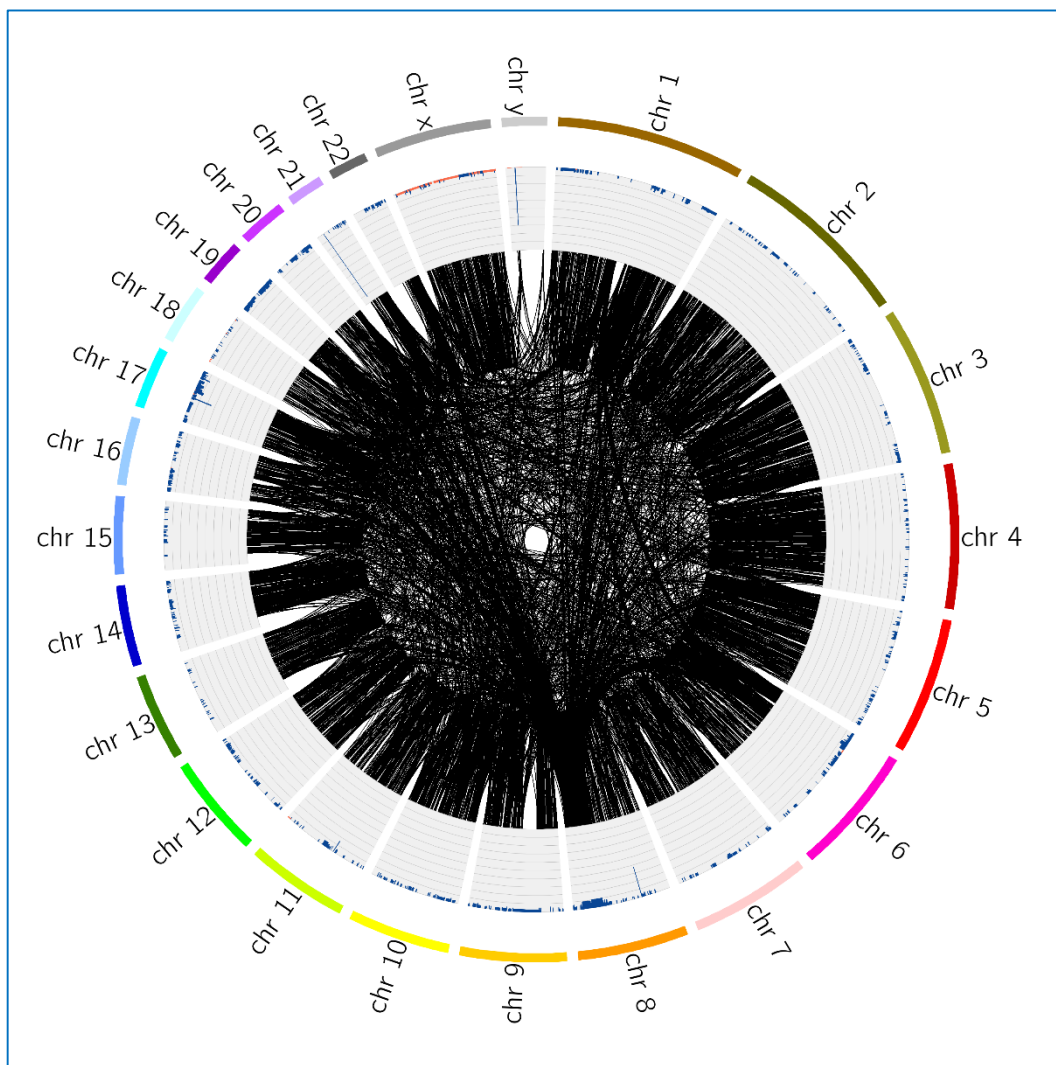
p-102



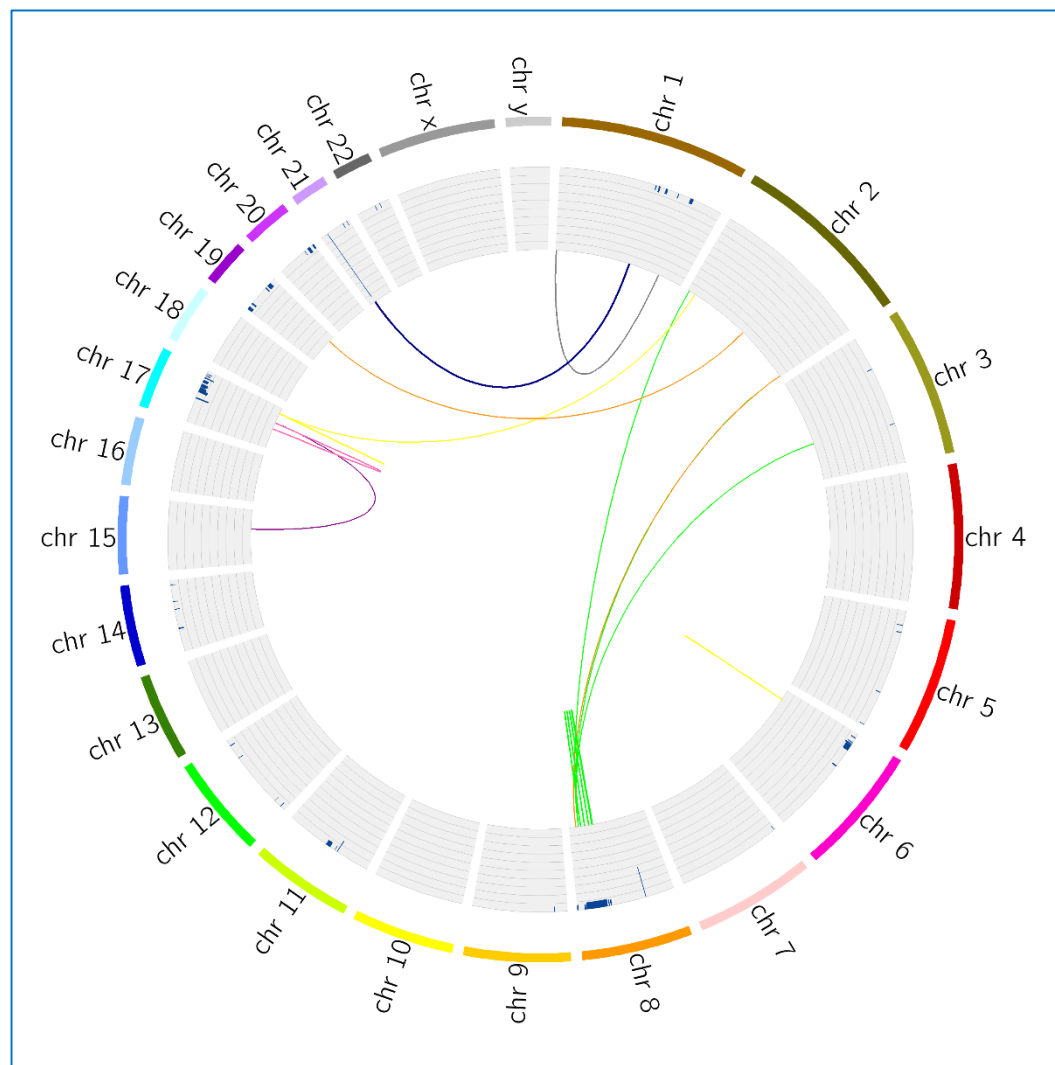
FAST – ERBB2 amplicon



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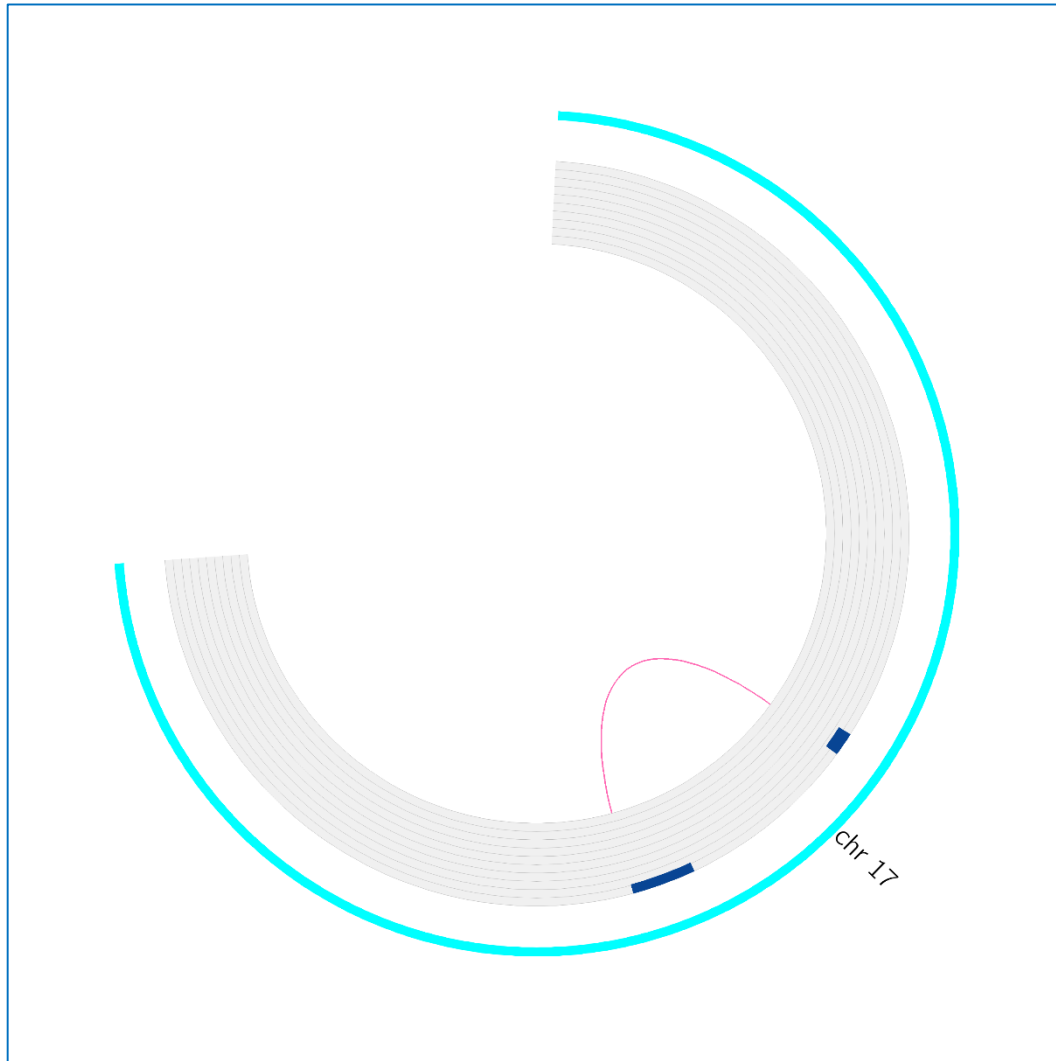


BreakDancer + Control-FREEC

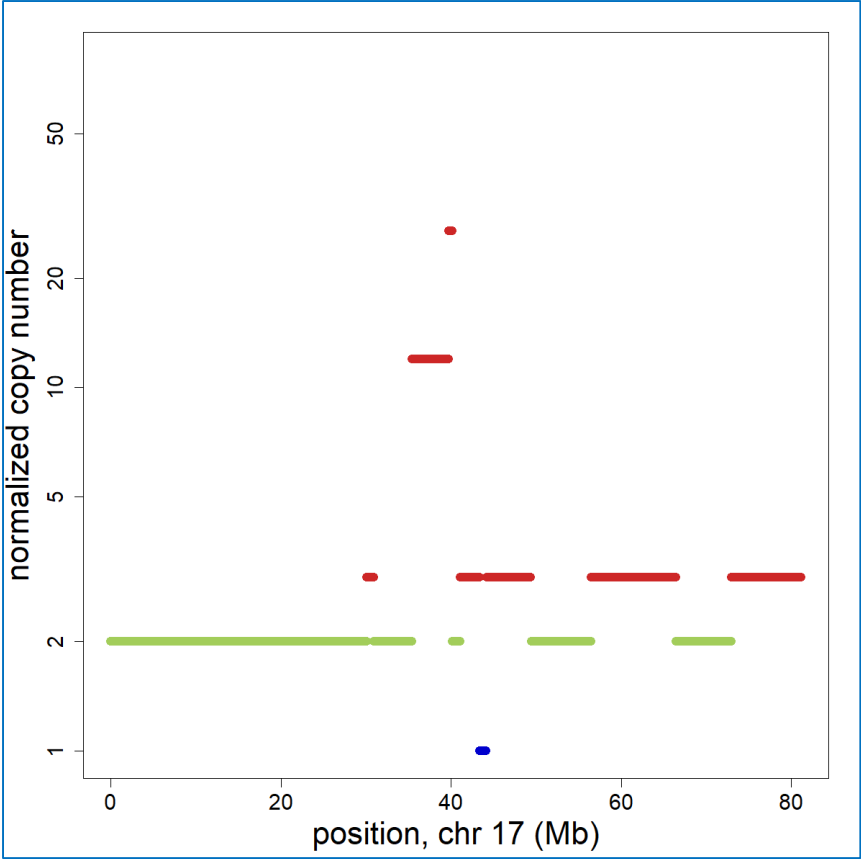
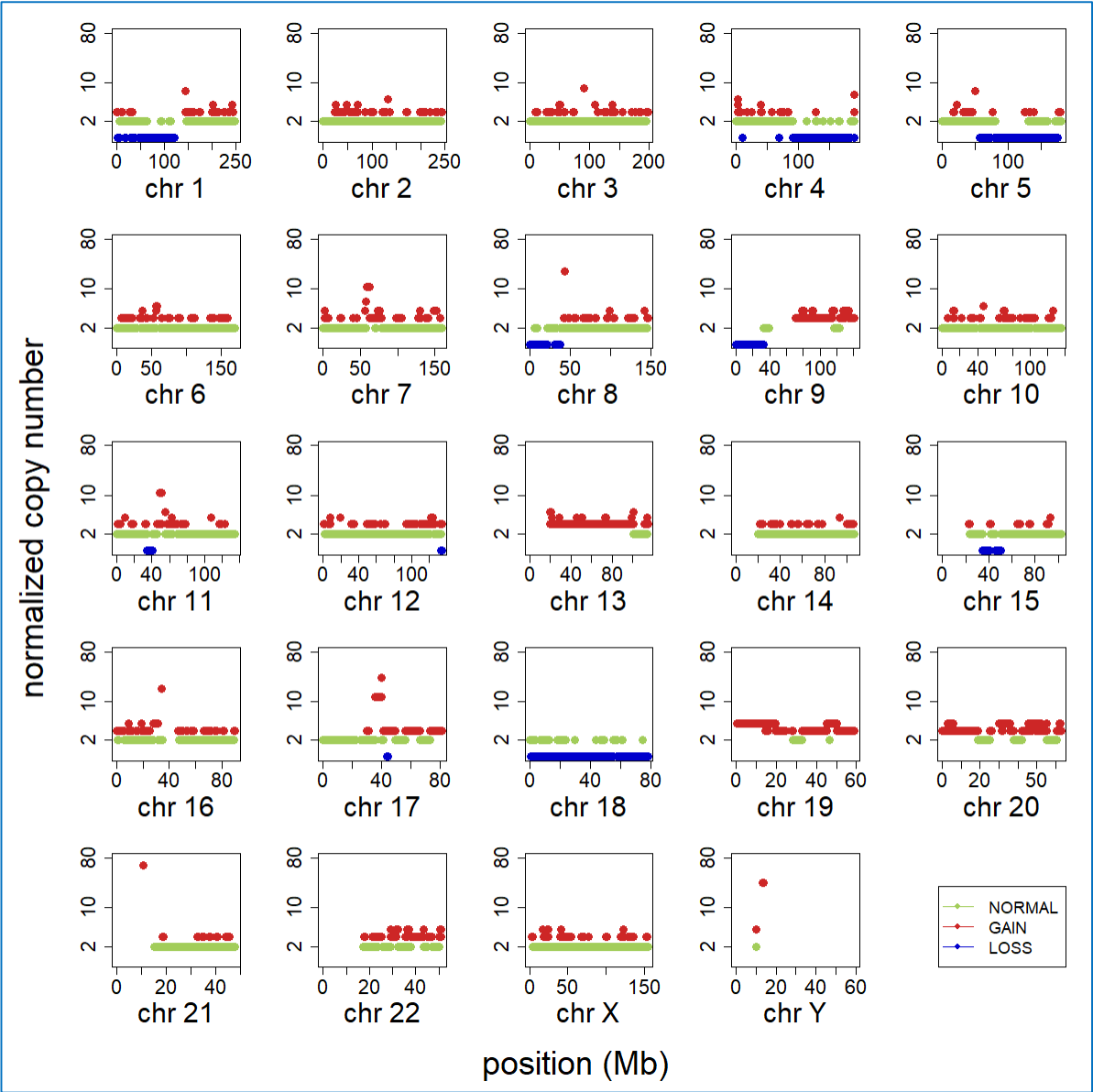


FAST - Whole Genome

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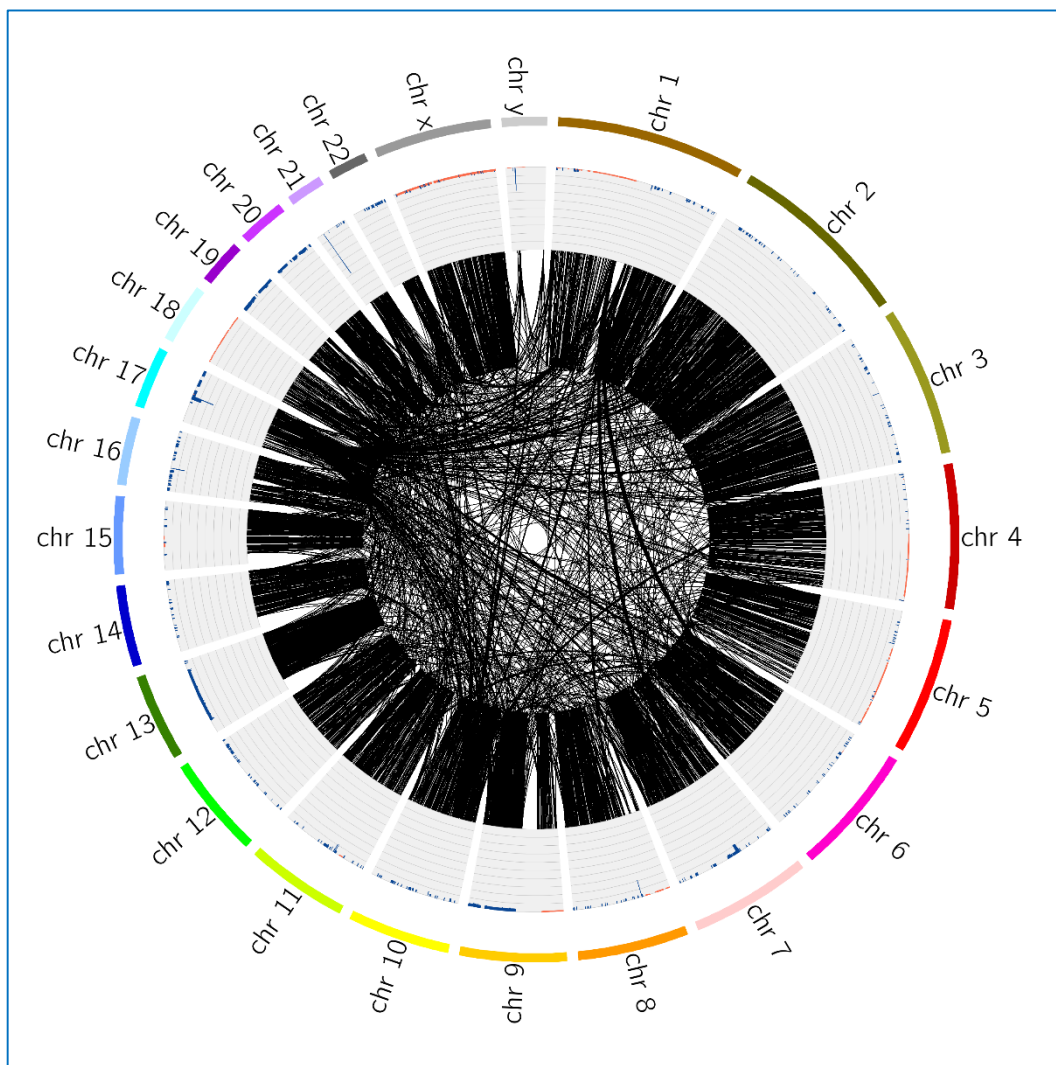


FAST – ERBB2 amplicon

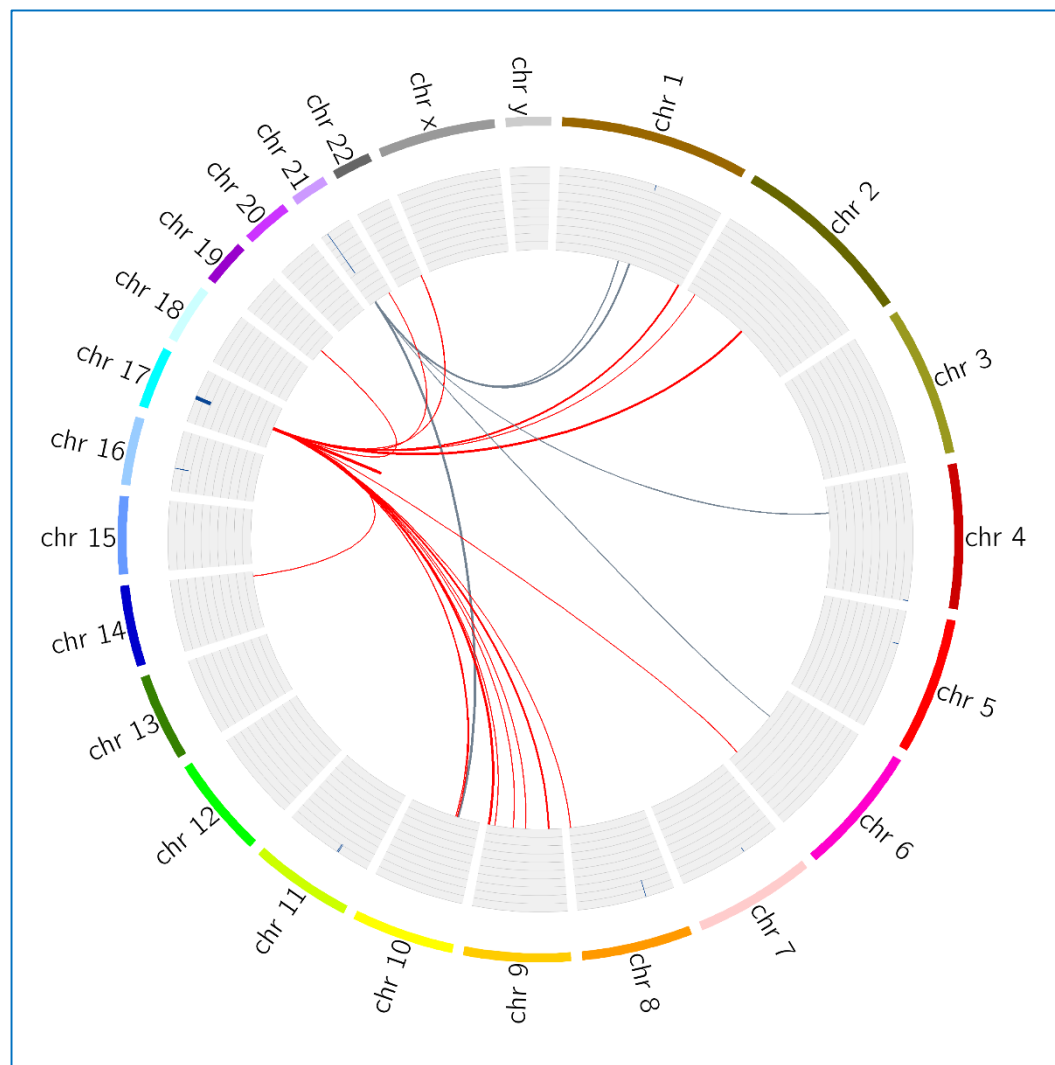


Control-FREEC

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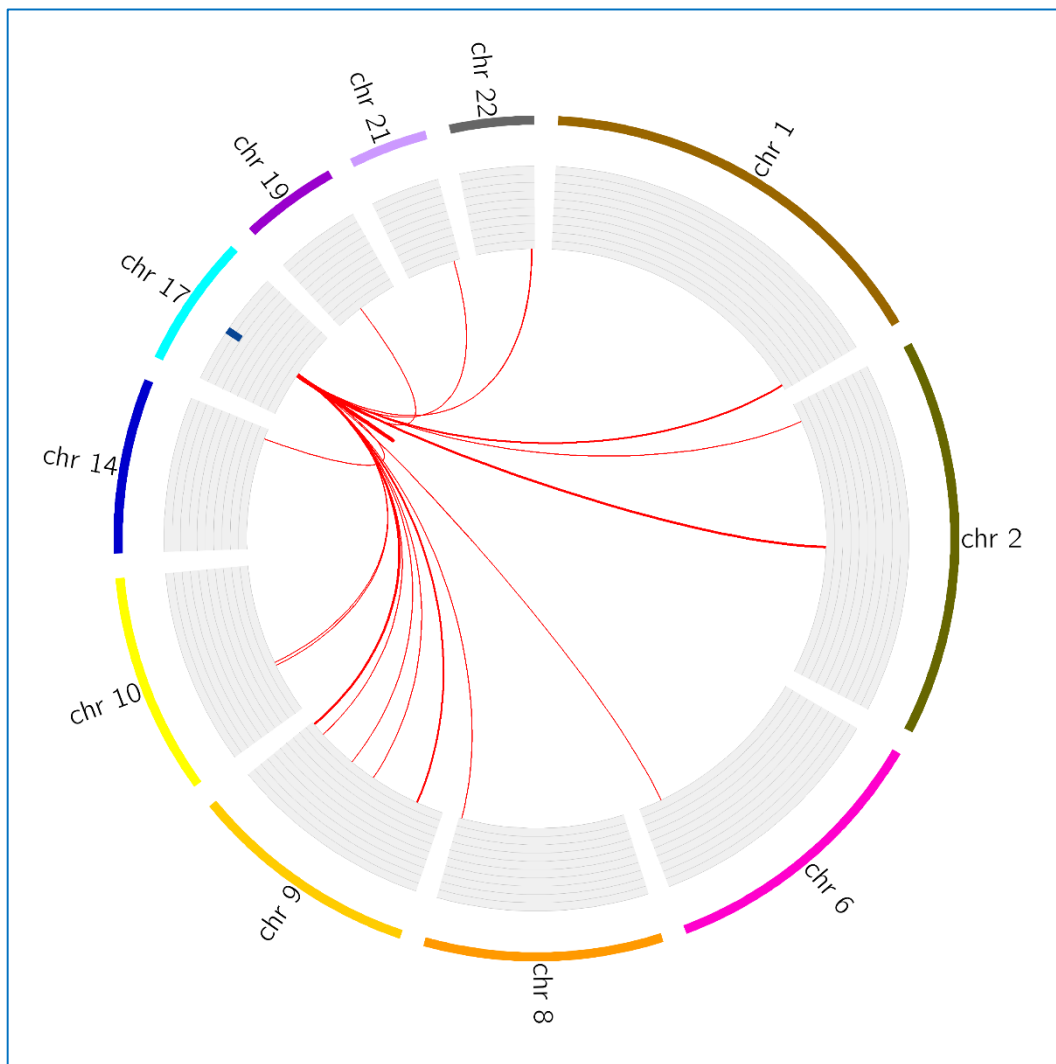


BreakDancer + Control-FREEC



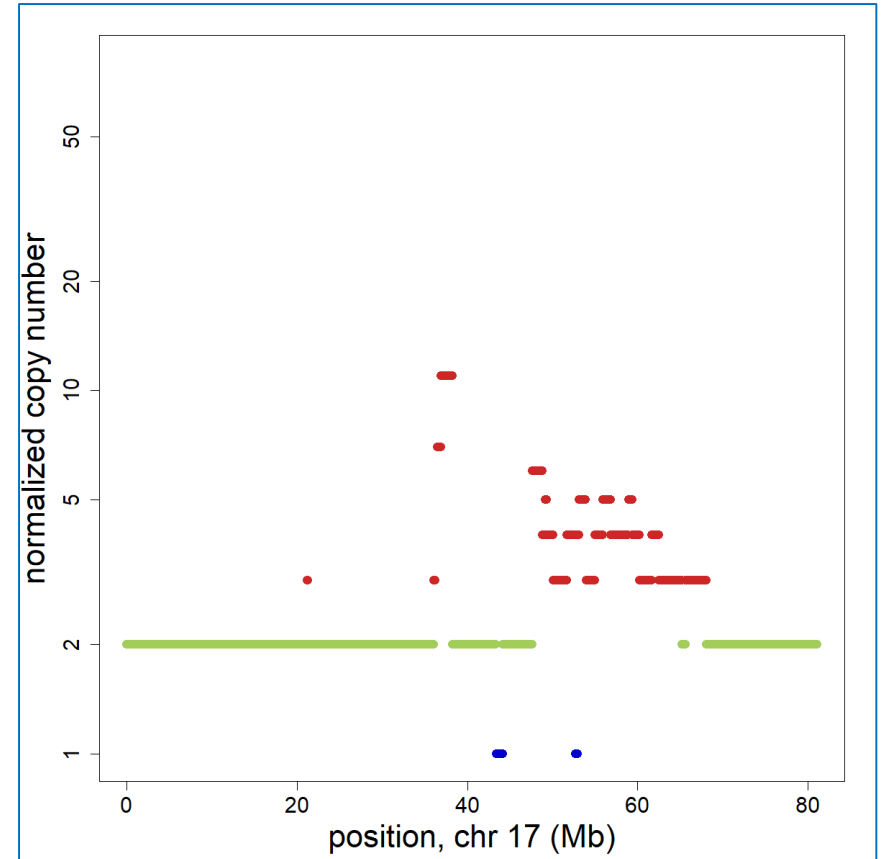
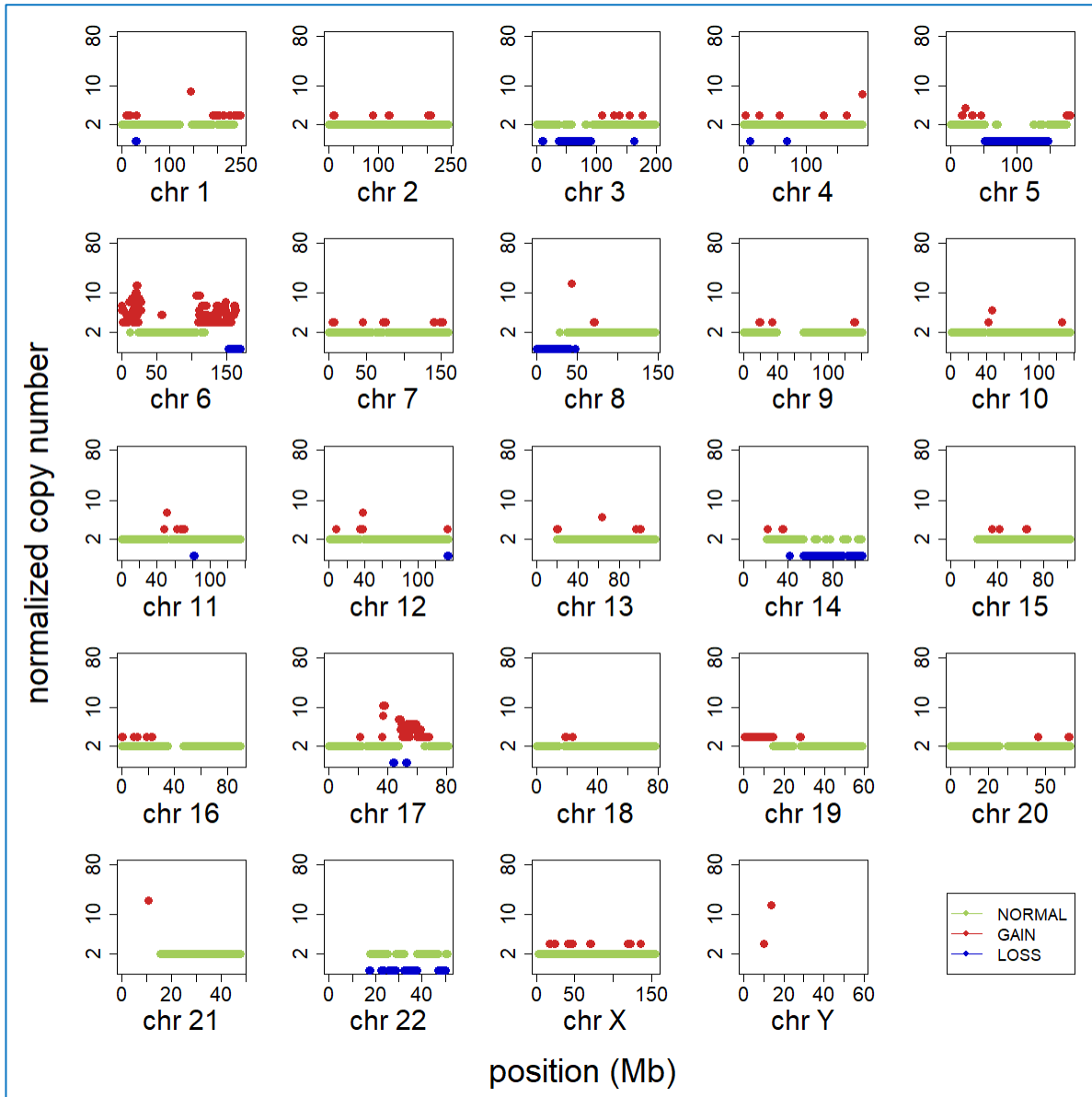
FAST - Whole Genome

p-104



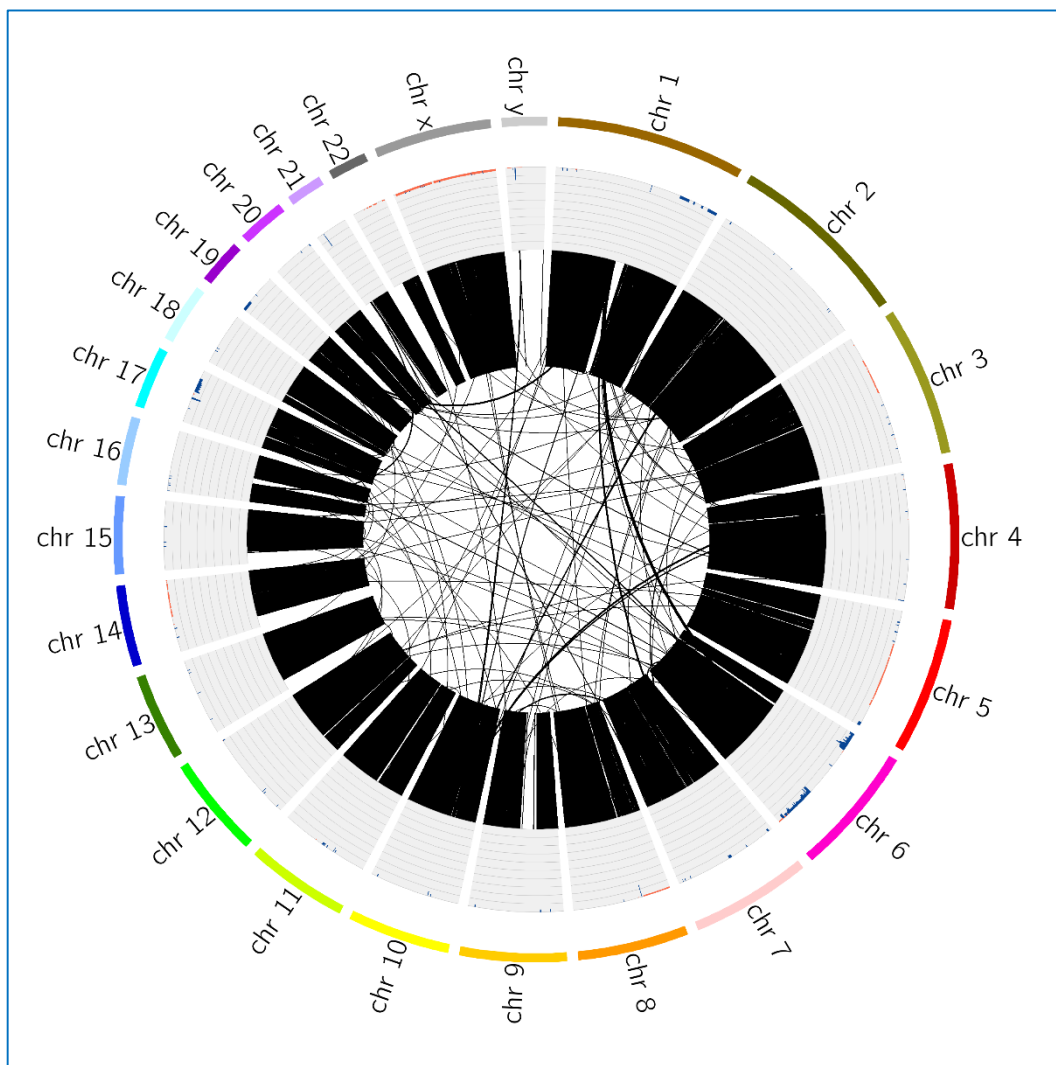
FAST – ERBB2 amplicon

p-106

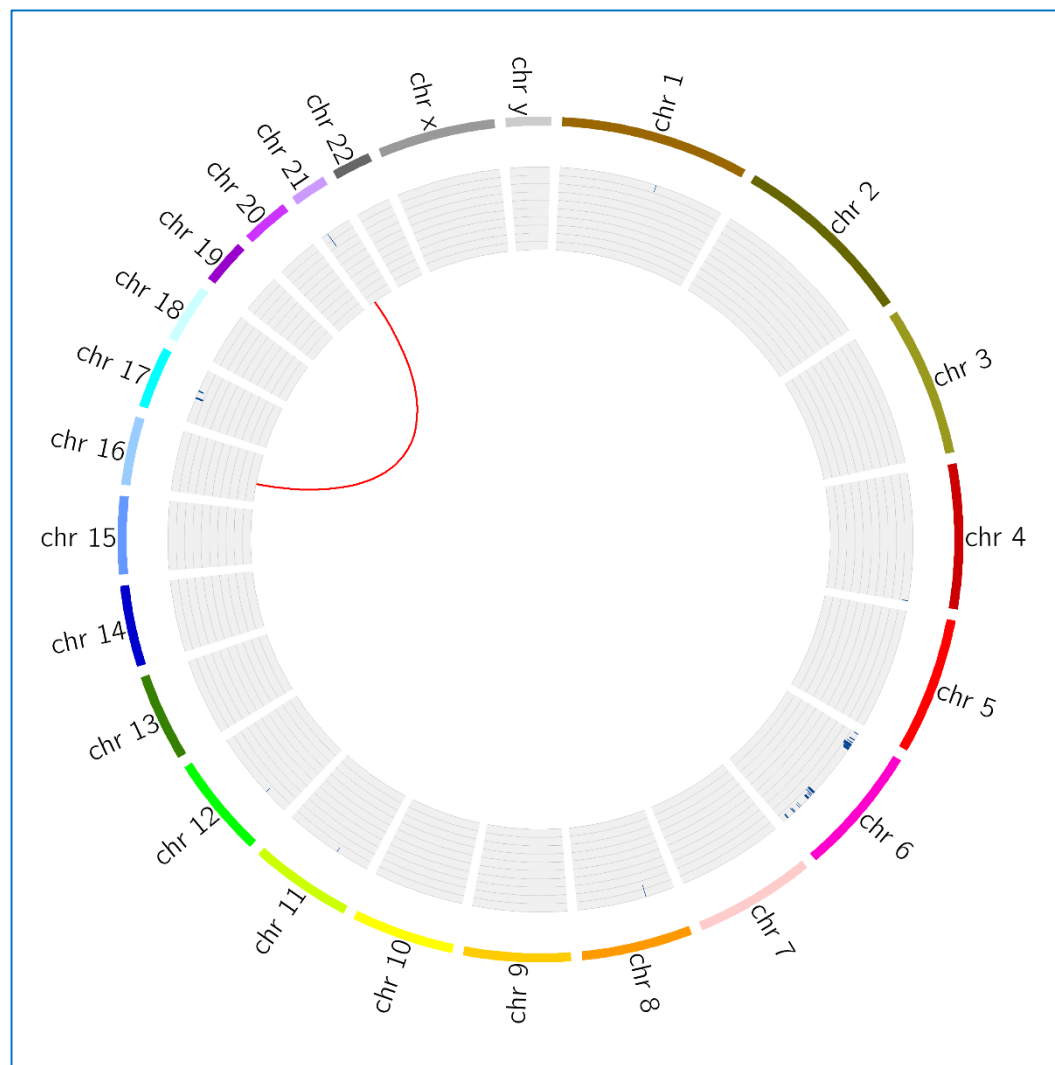


Control-FREEC

p-106

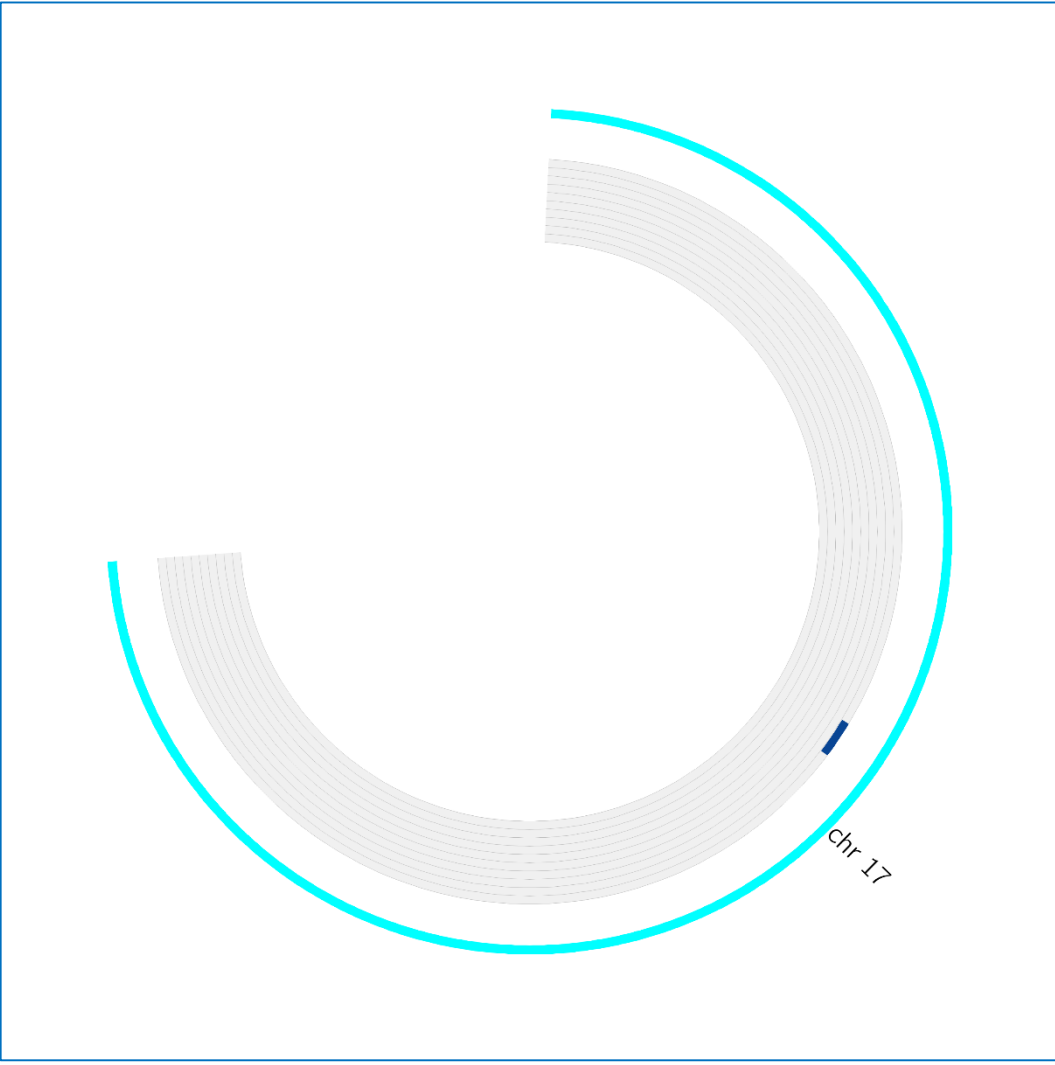


BreakDancer + Control-FREEC



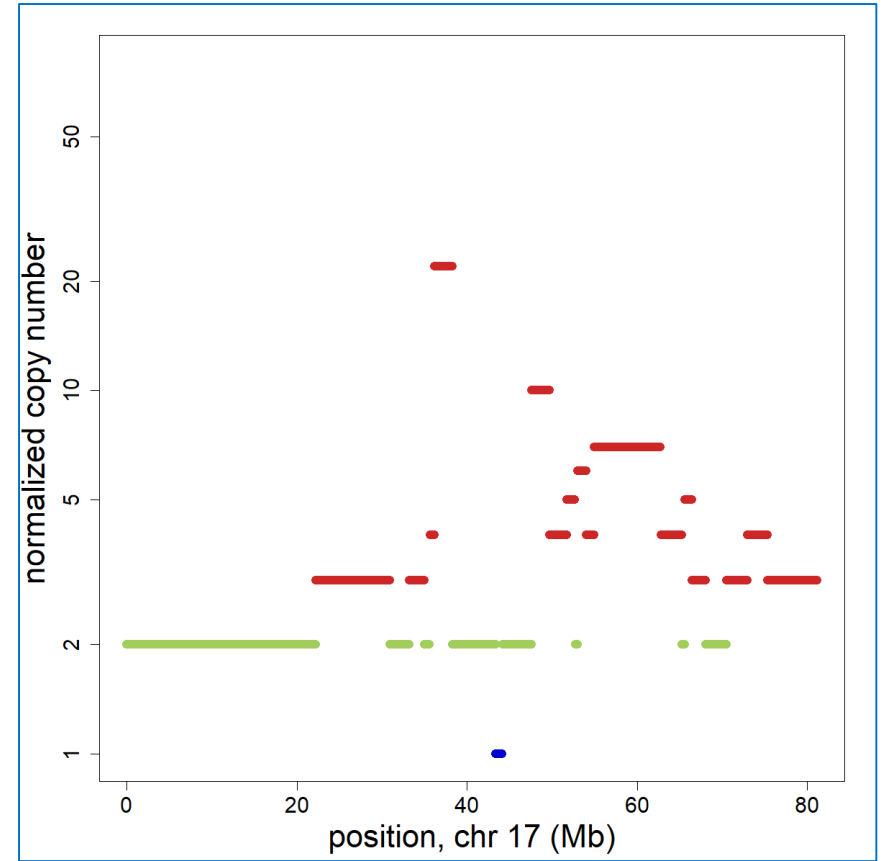
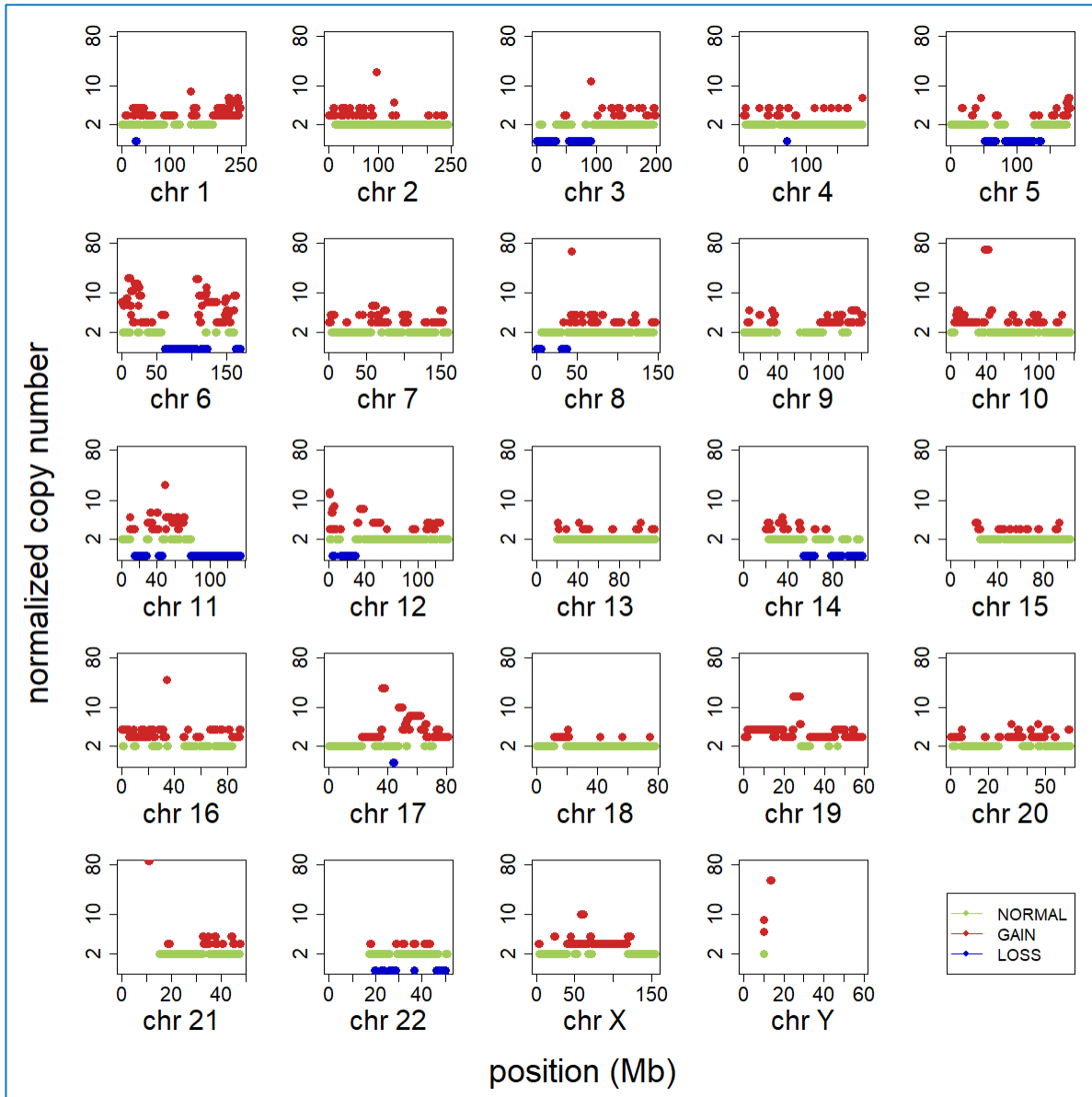
FAST - Whole Genome

p-106



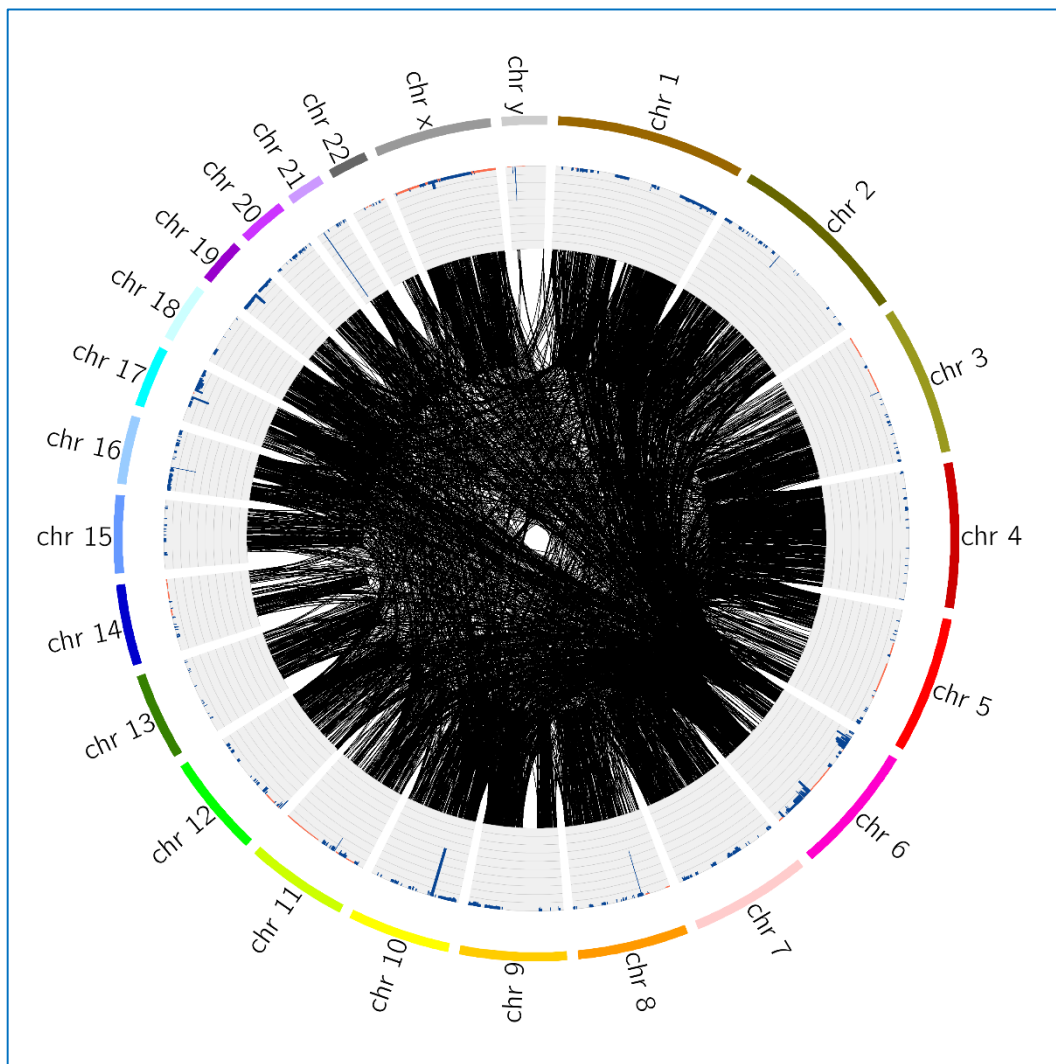
FAST – ERBB2 amplicon

p-108

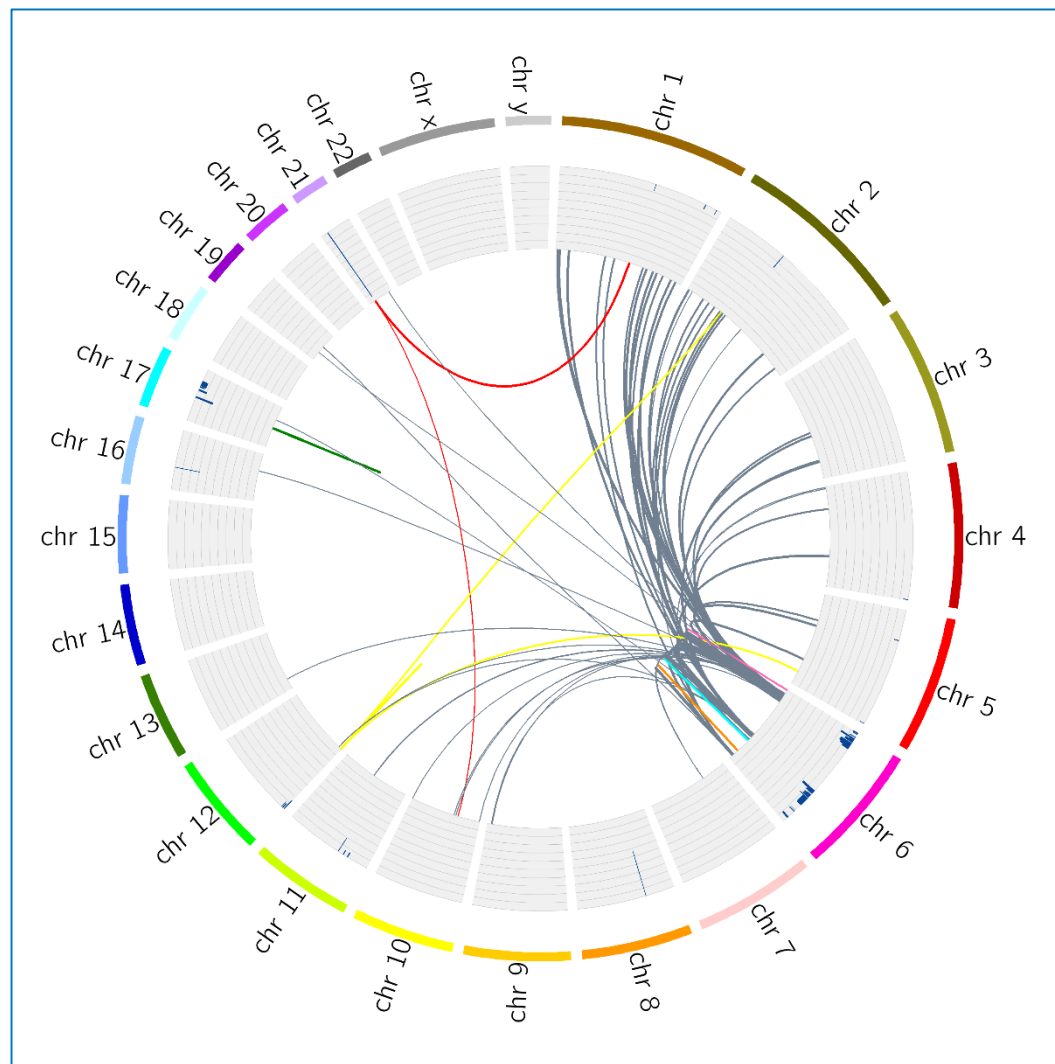


Control-FREEC

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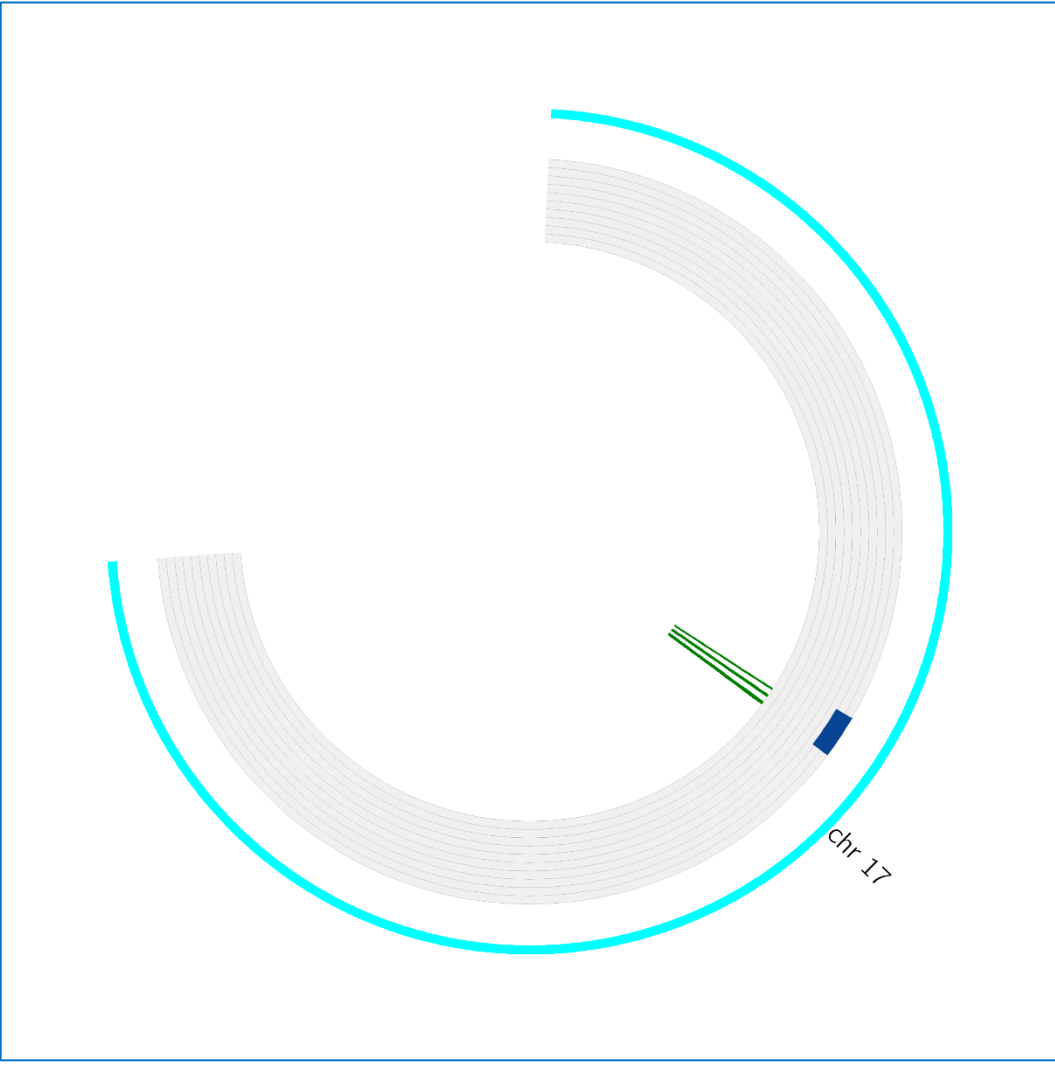


BreakDancer + Control-FREEC

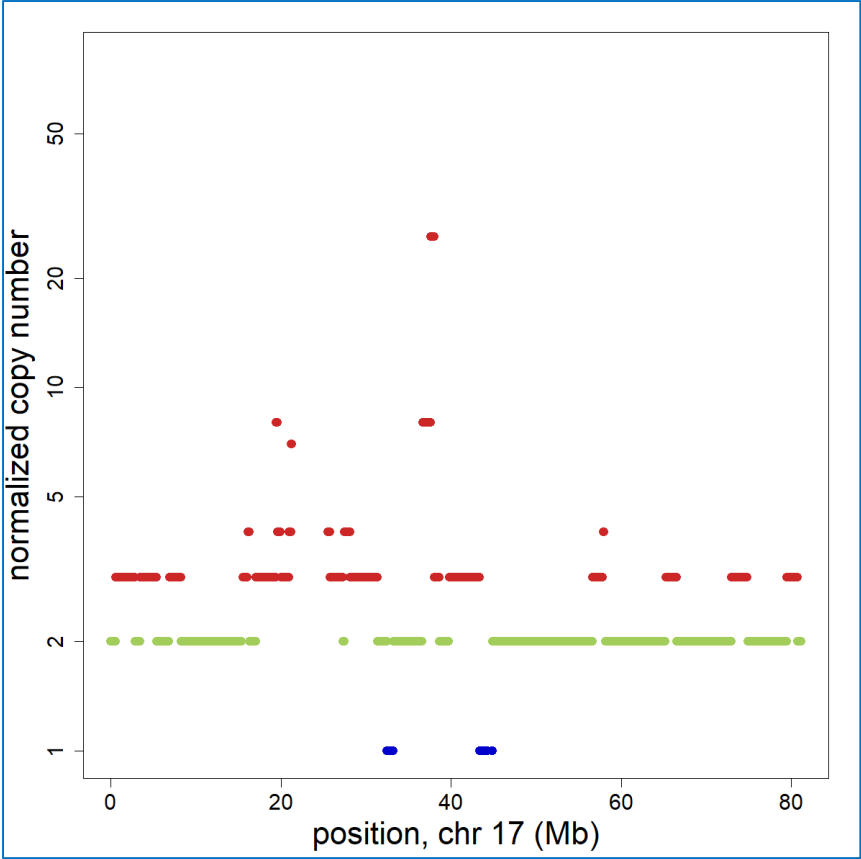
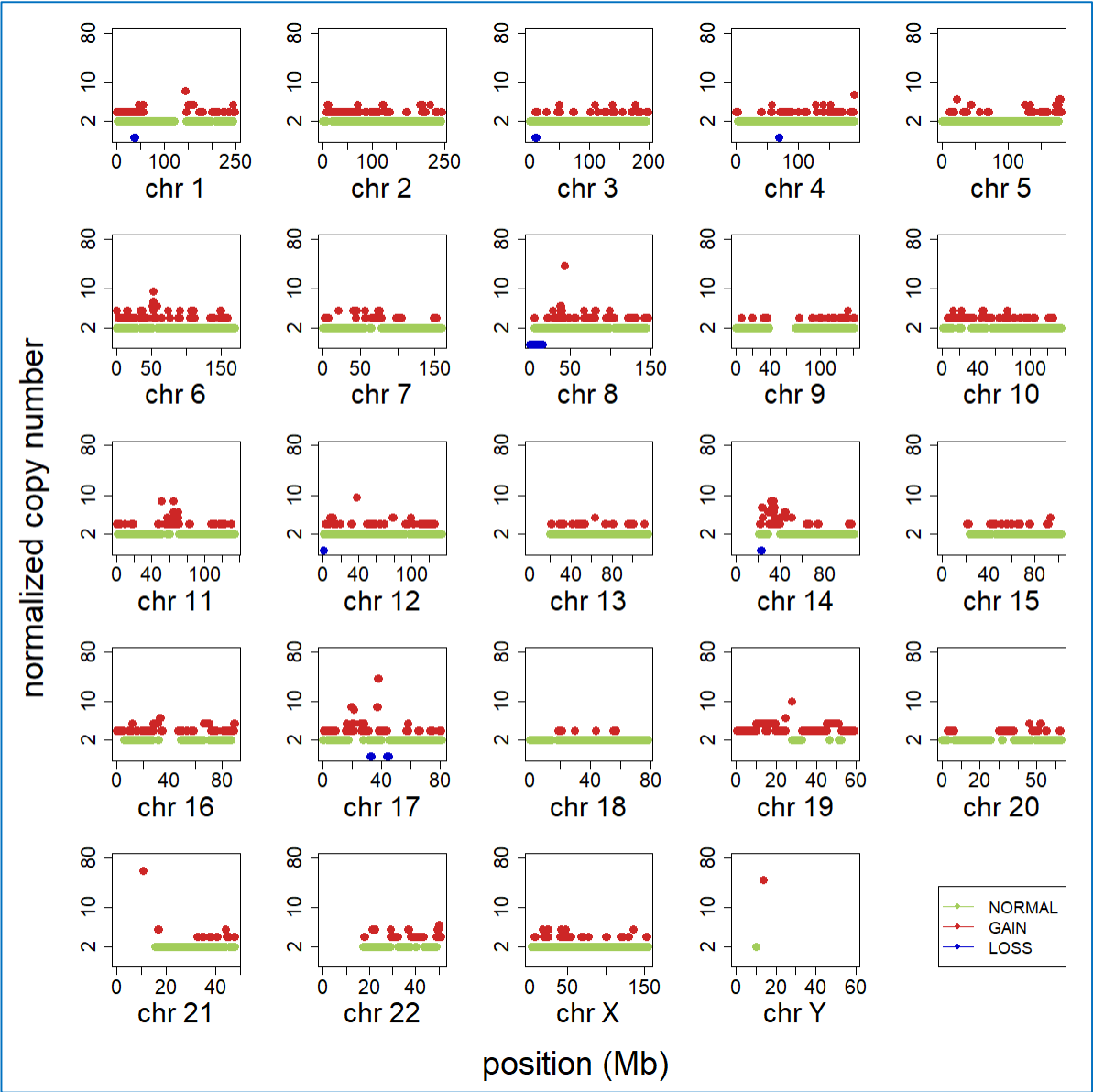


FAST - Whole Genome

p-108

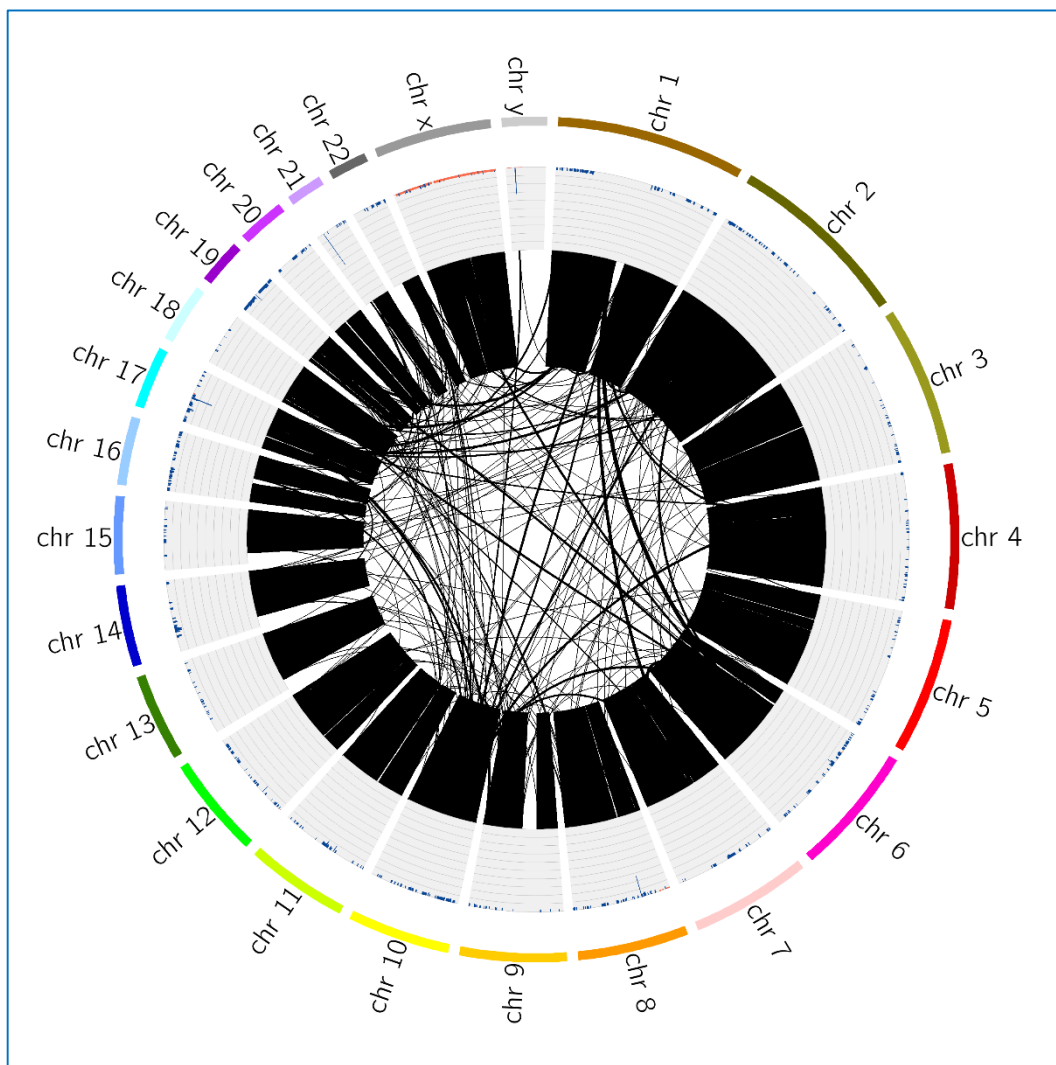


FAST – ERBB2 amplicon

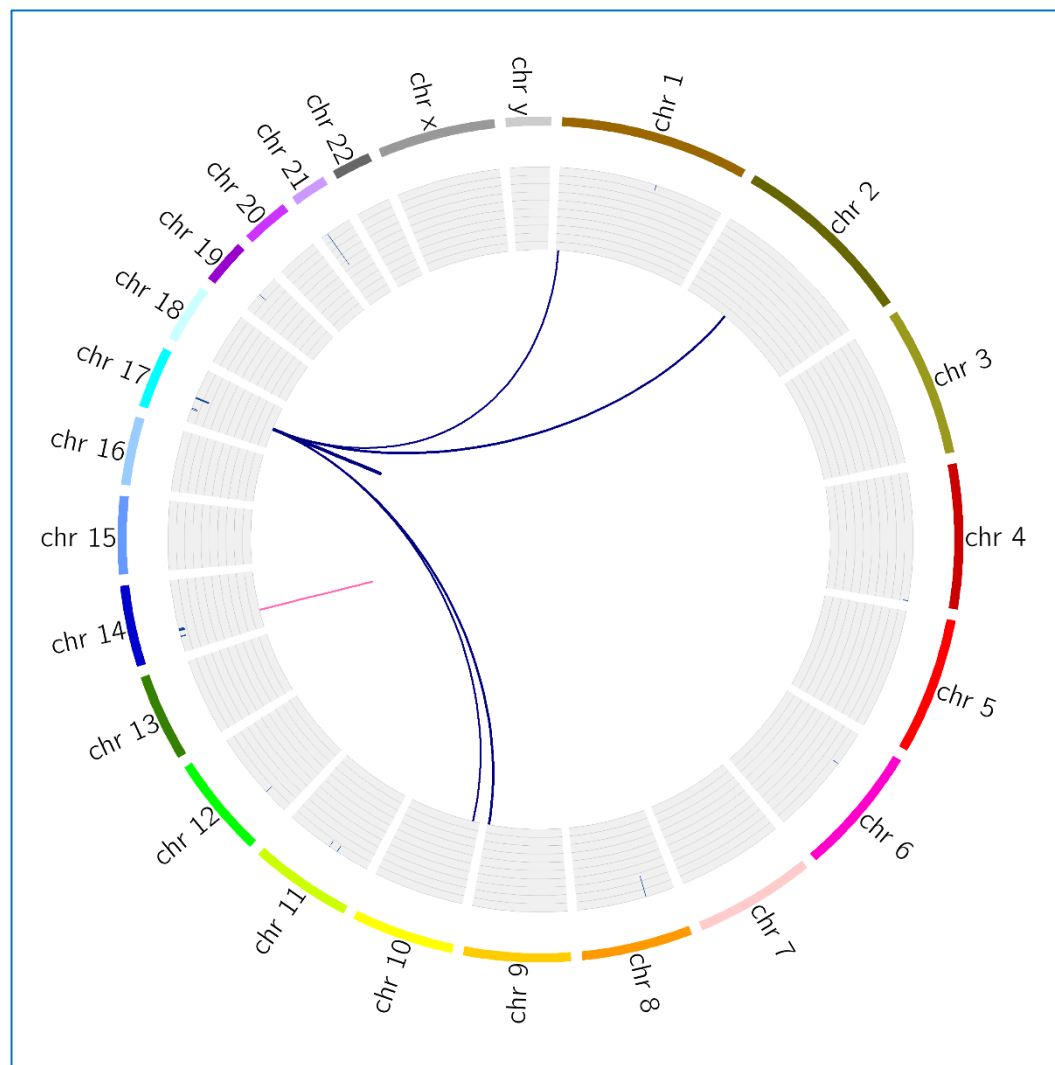


Control-FREEC

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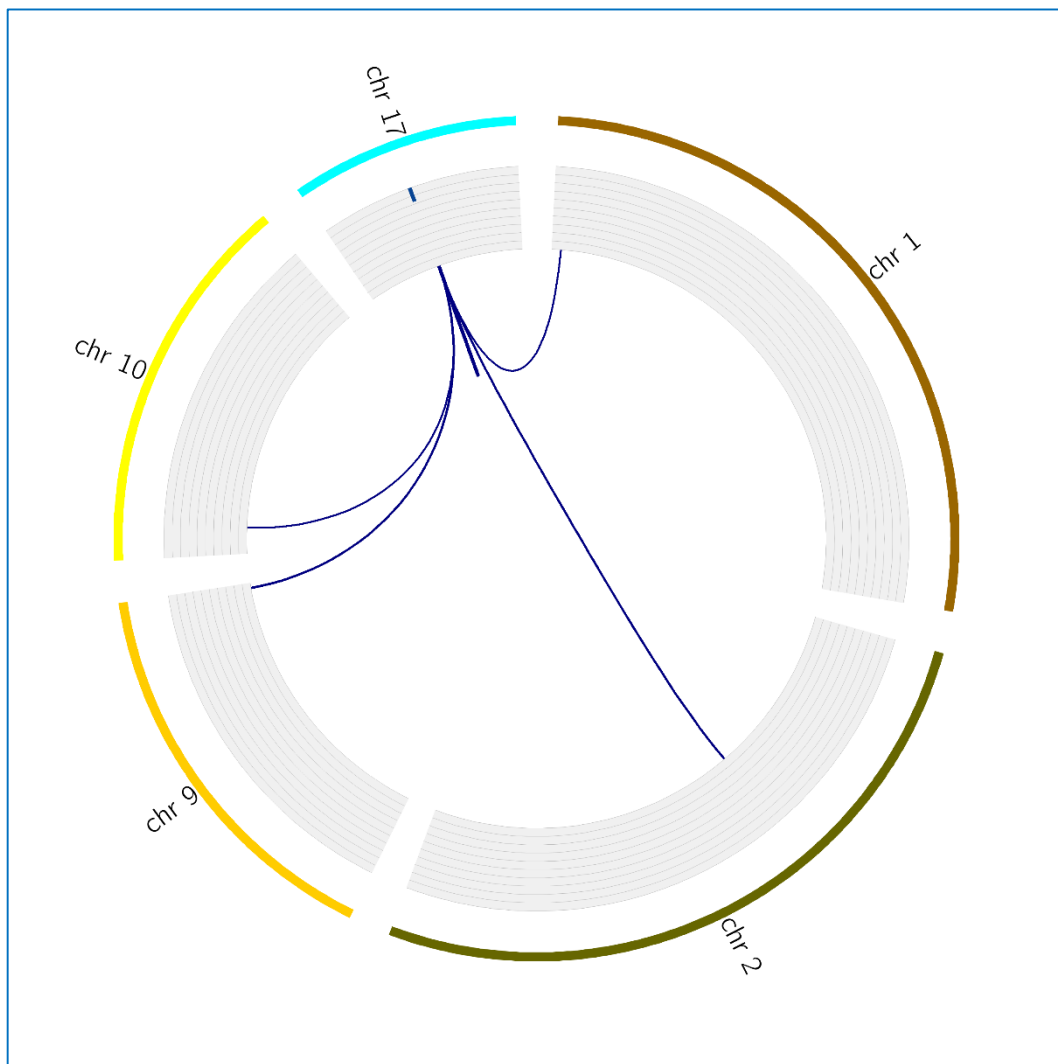


BreakDancer + Control-FREEC



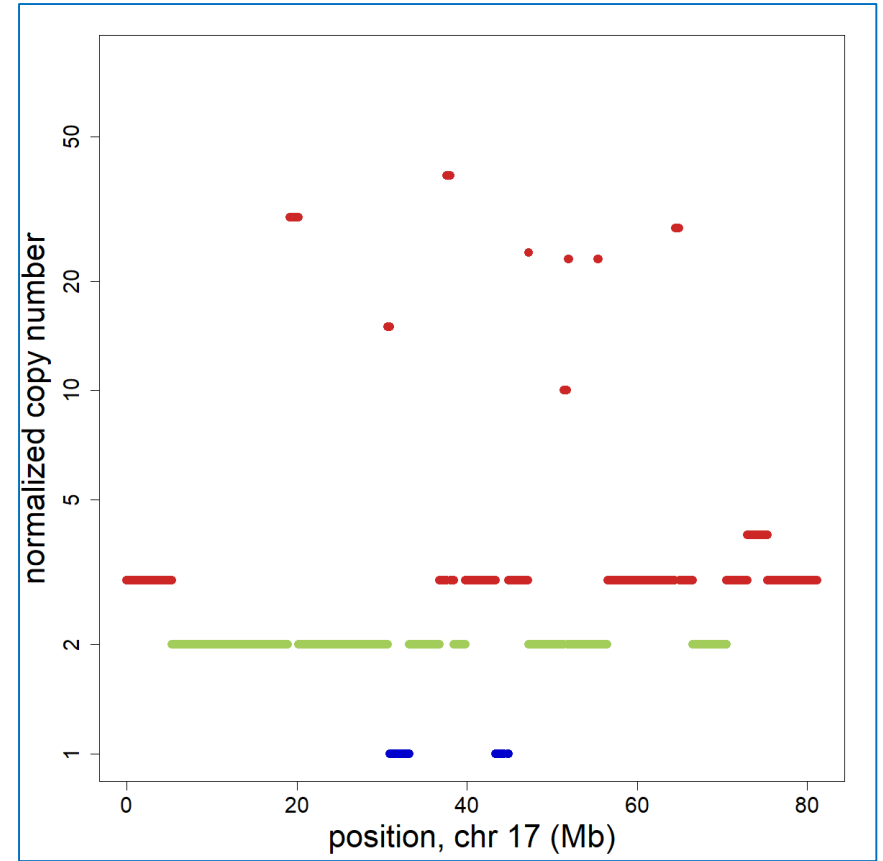
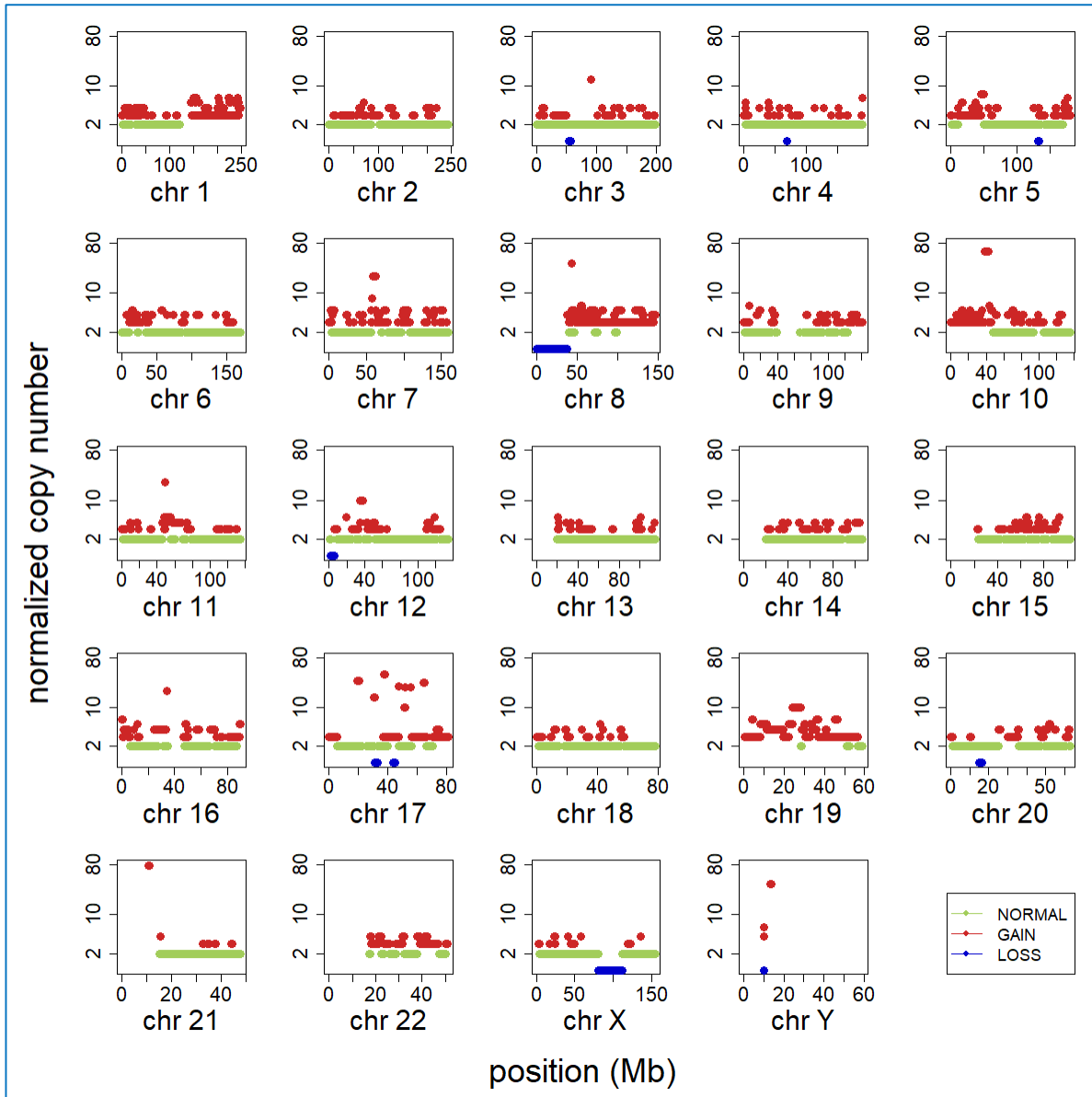
FAST - Whole Genome

p-112



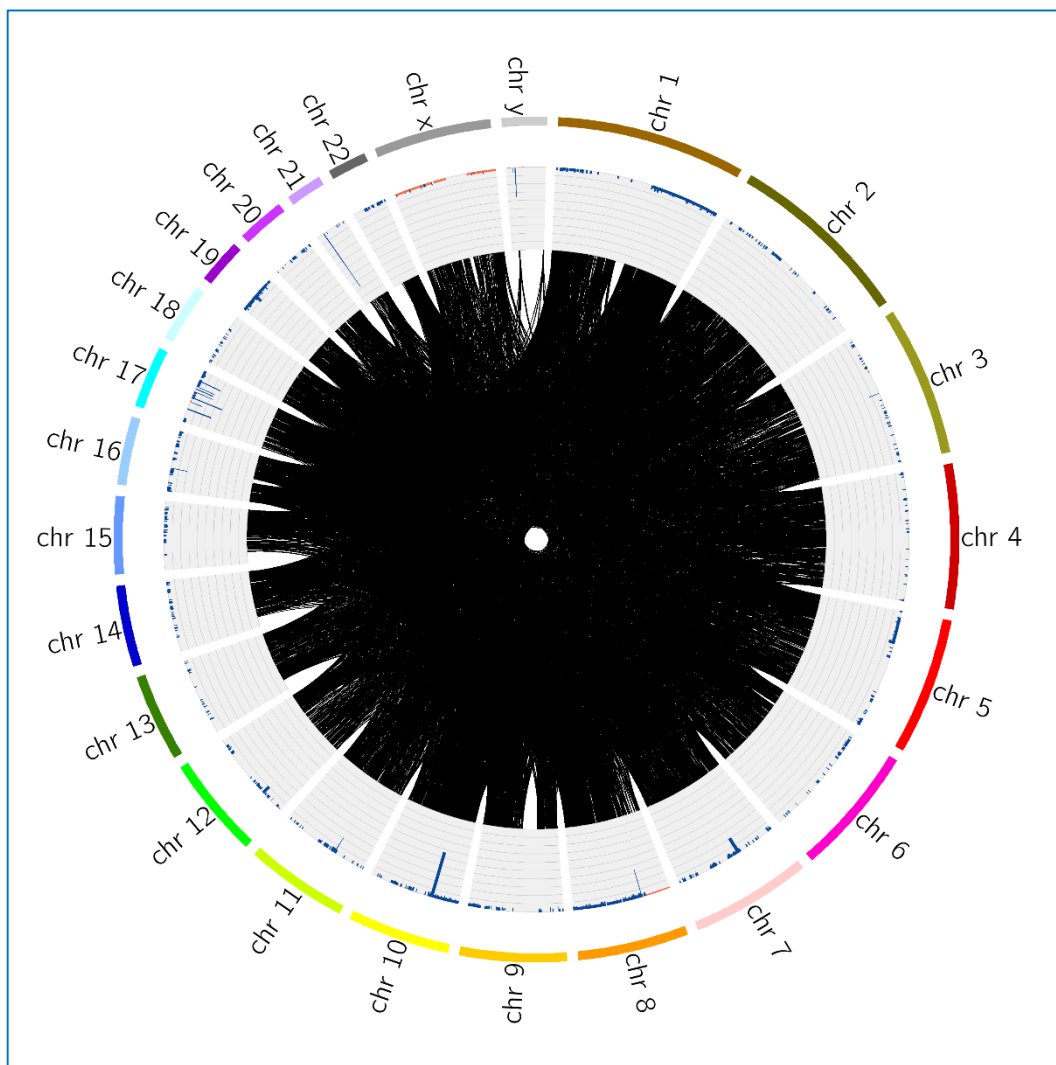
FAST – ERBB2 amplicon

p-114

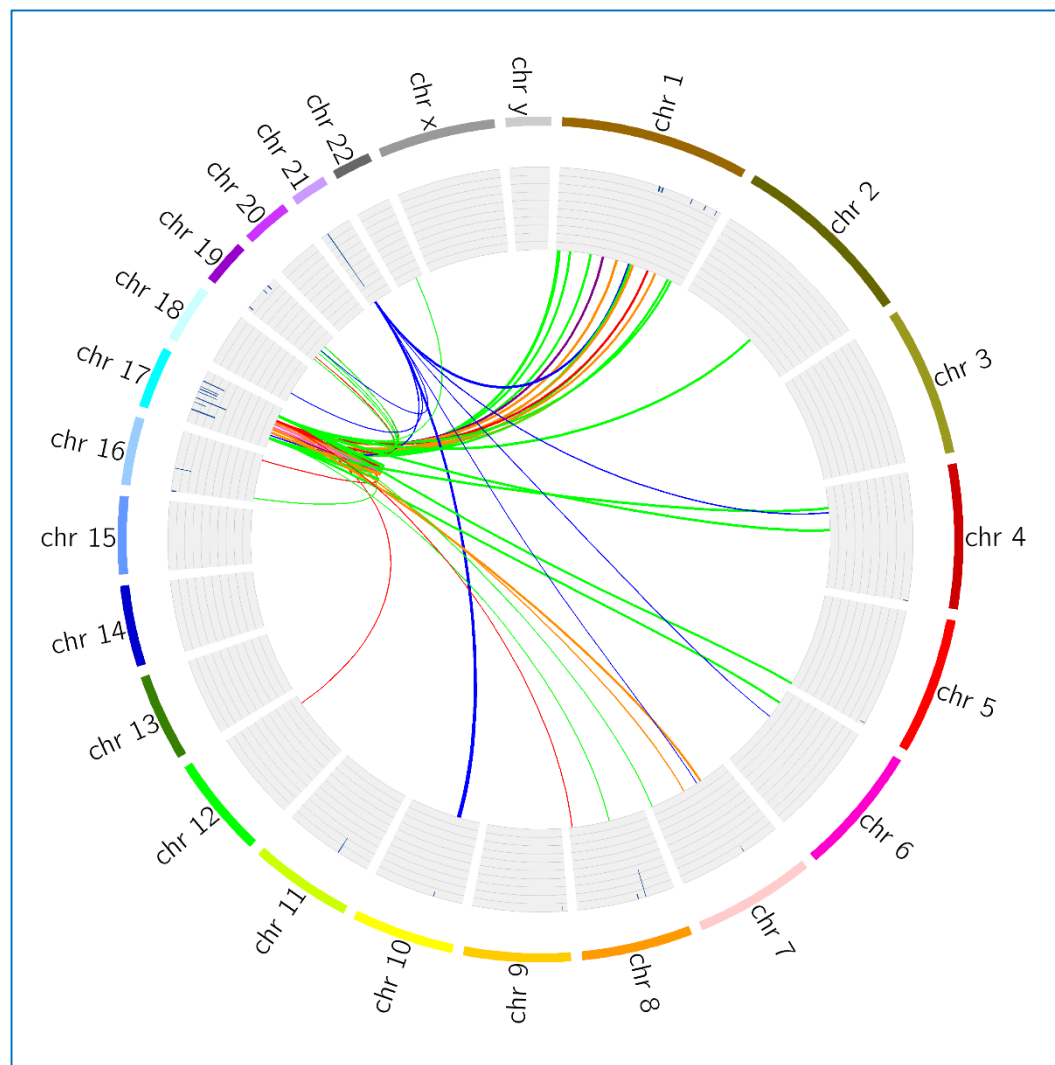


Control-FREEC

p-114

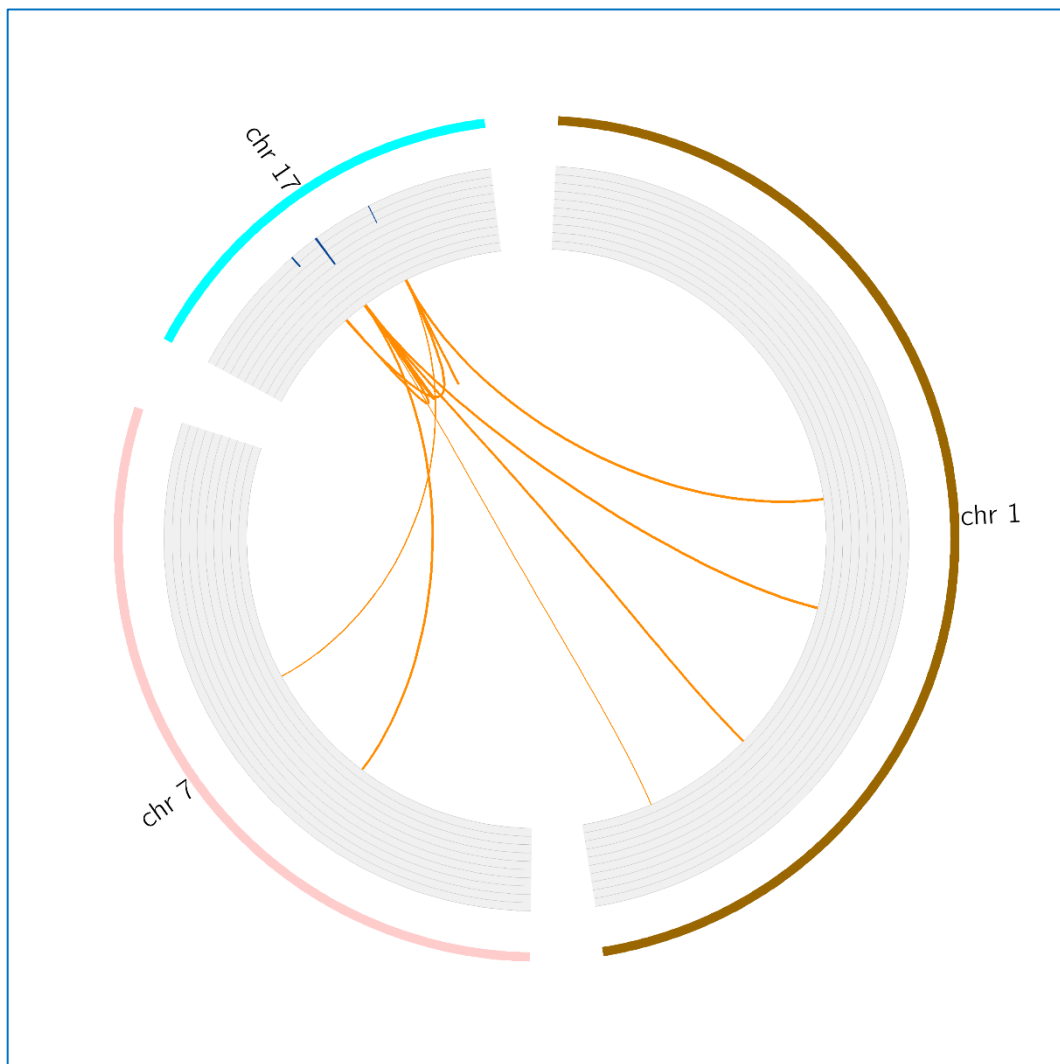


BreakDancer + Control-FREEC



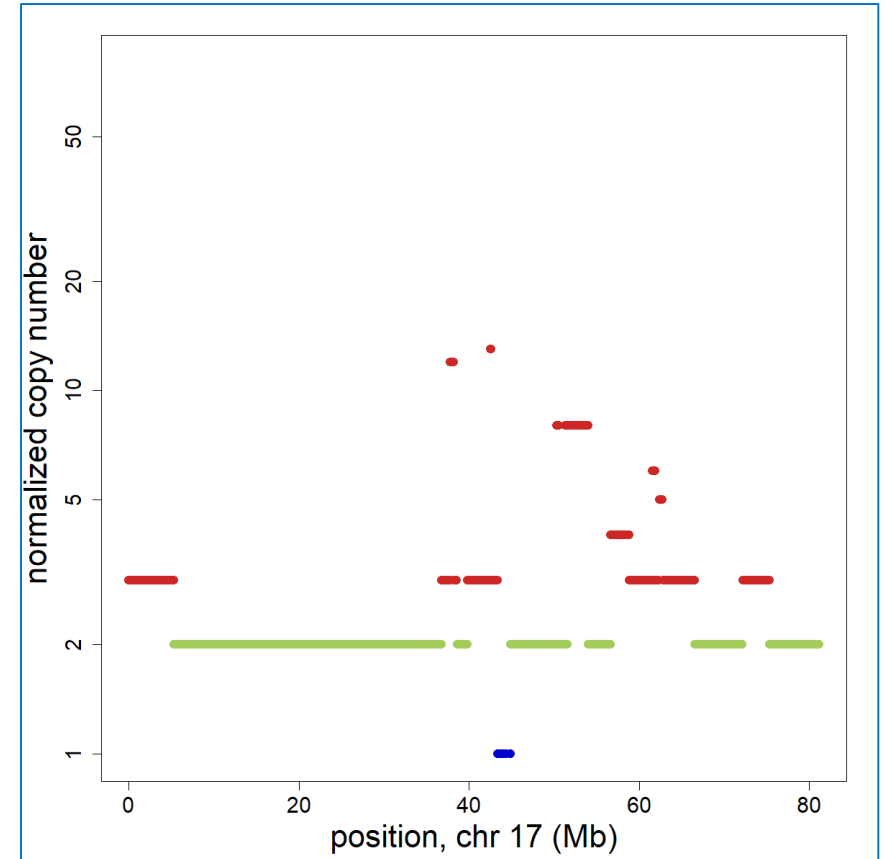
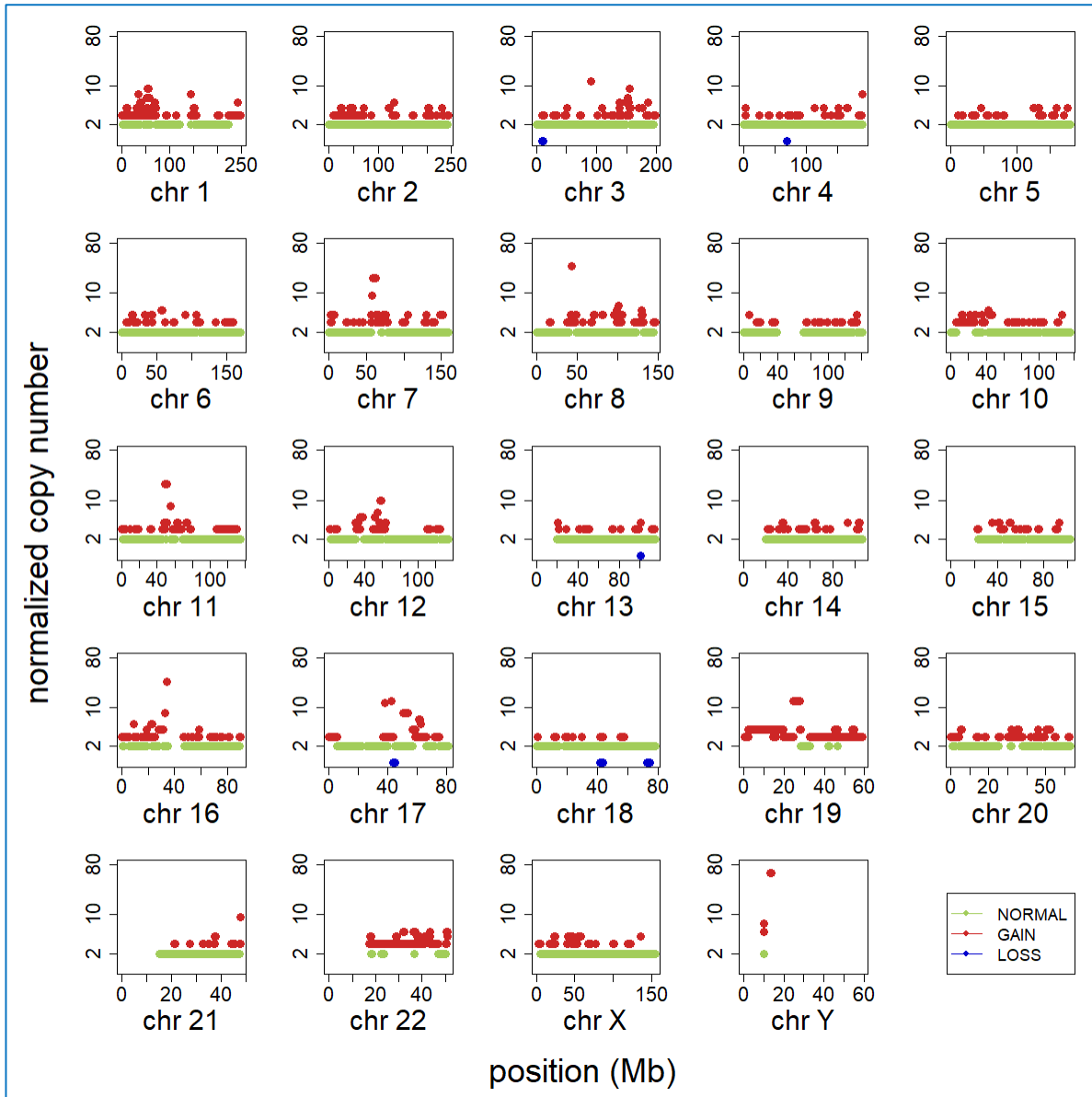
FAST - Whole Genome

p-114



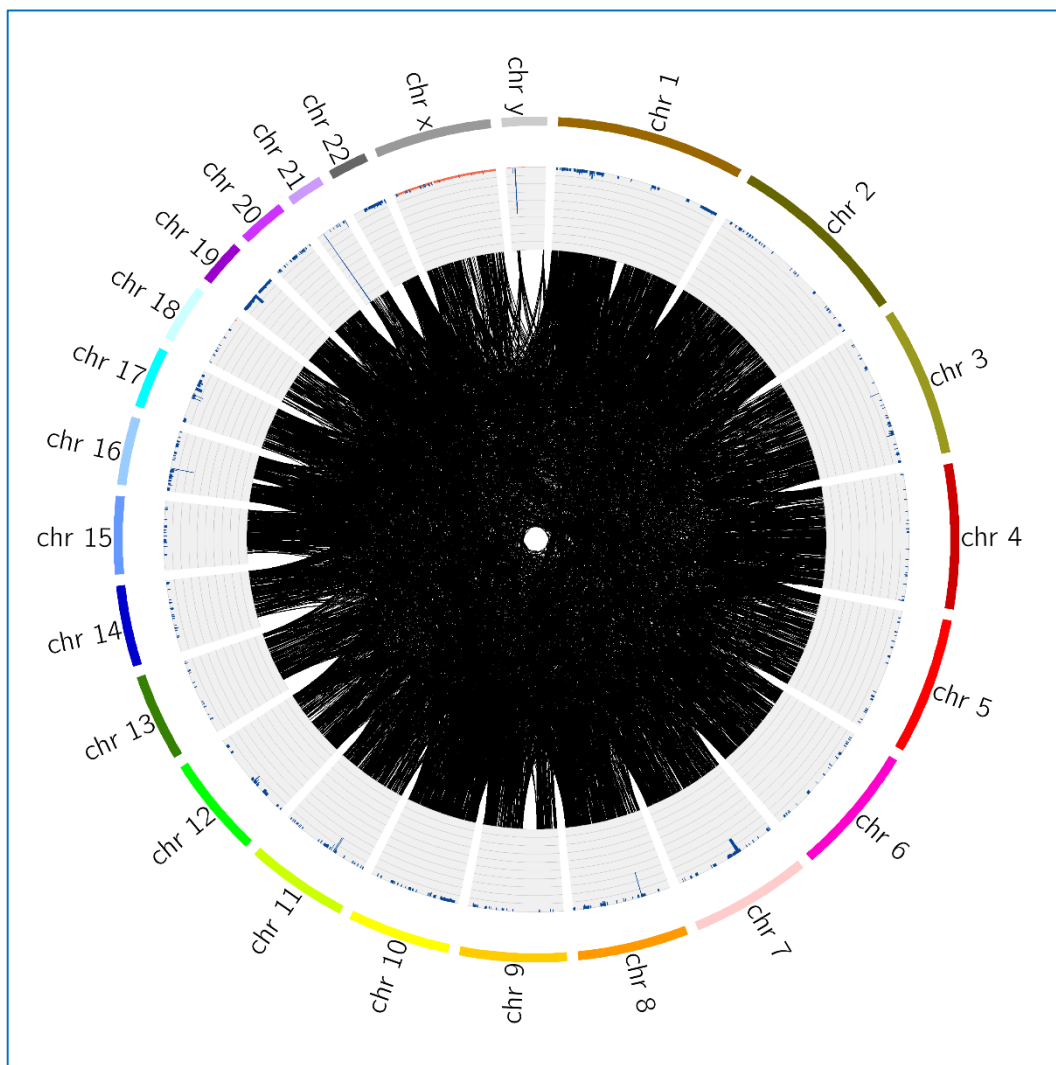
FAST – ERBB2 amplicon

p-115

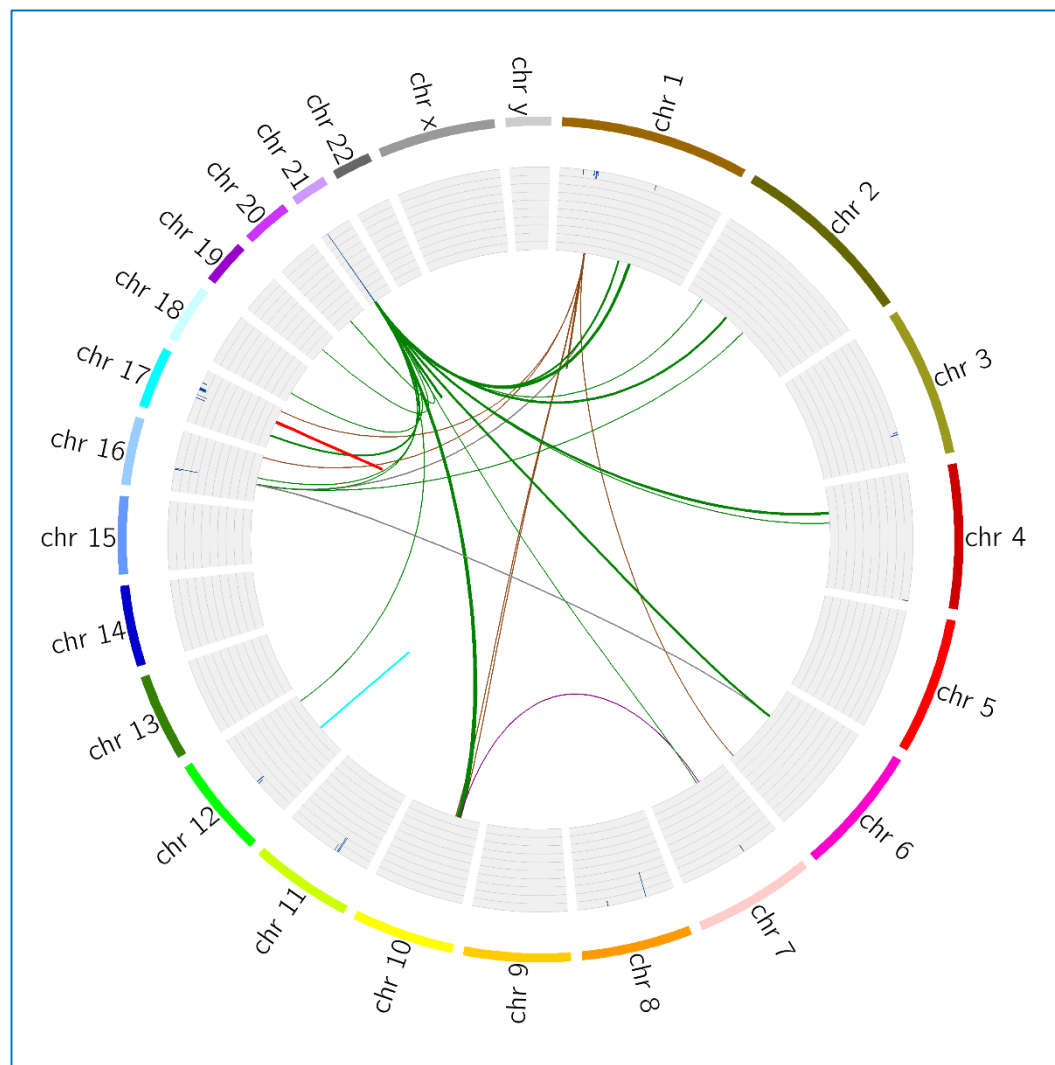


Control-FREEC

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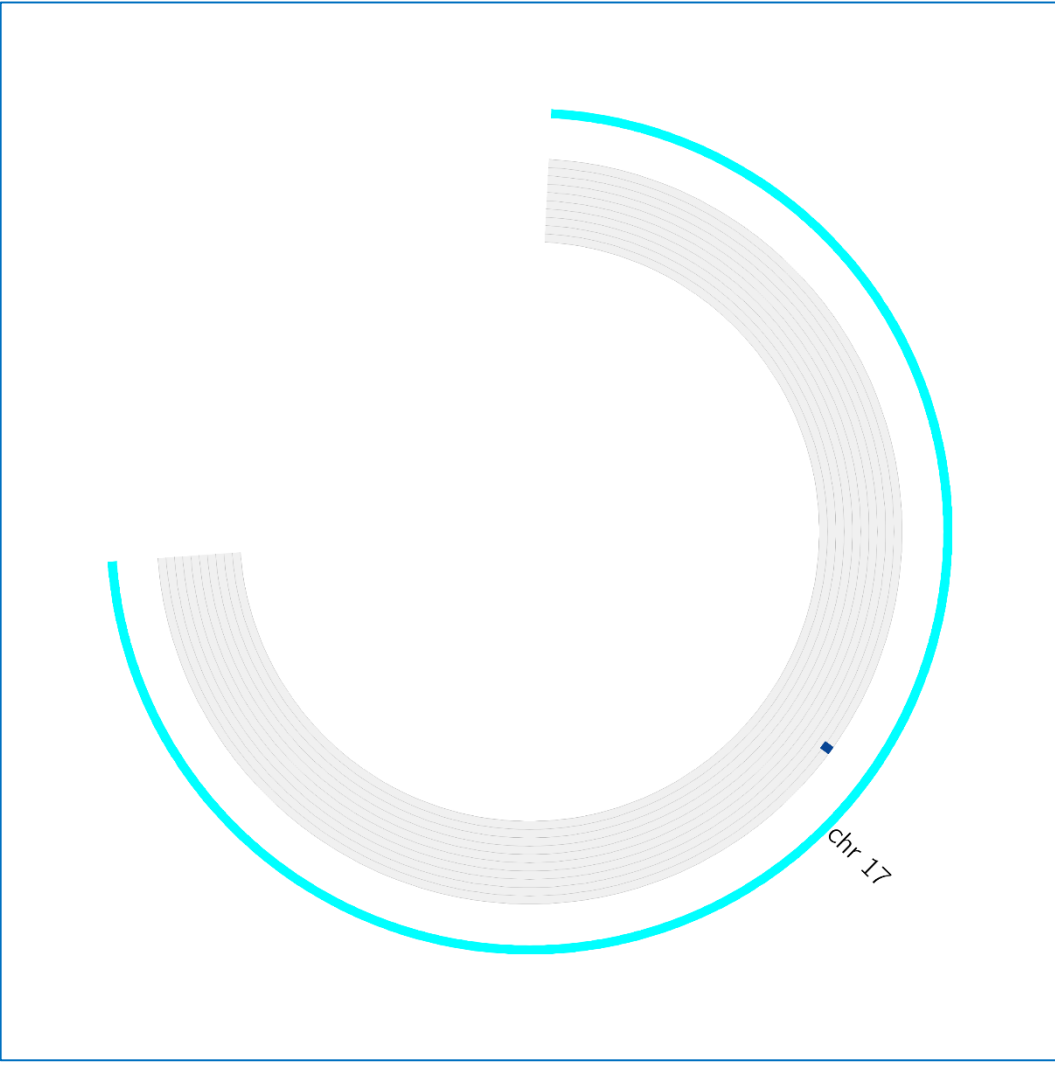


BreakDancer + Control-FREEC

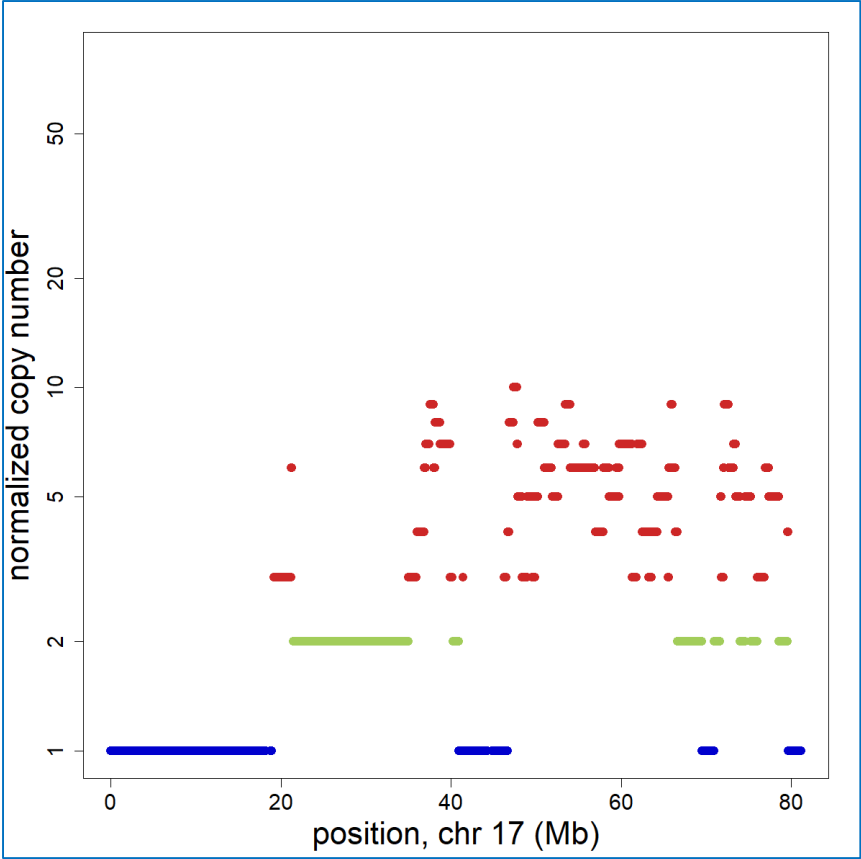
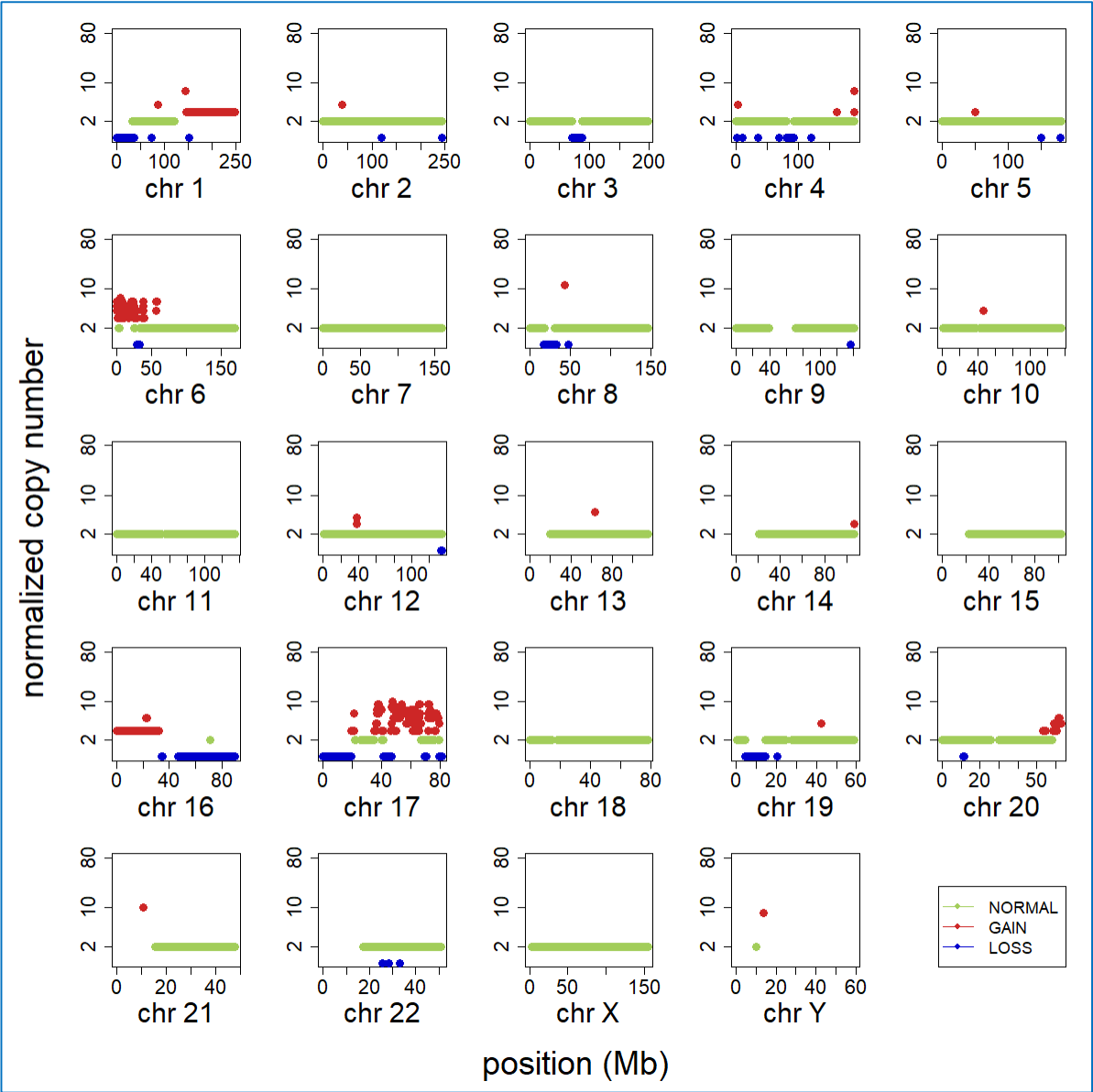


FAST - Whole Genome

p-115

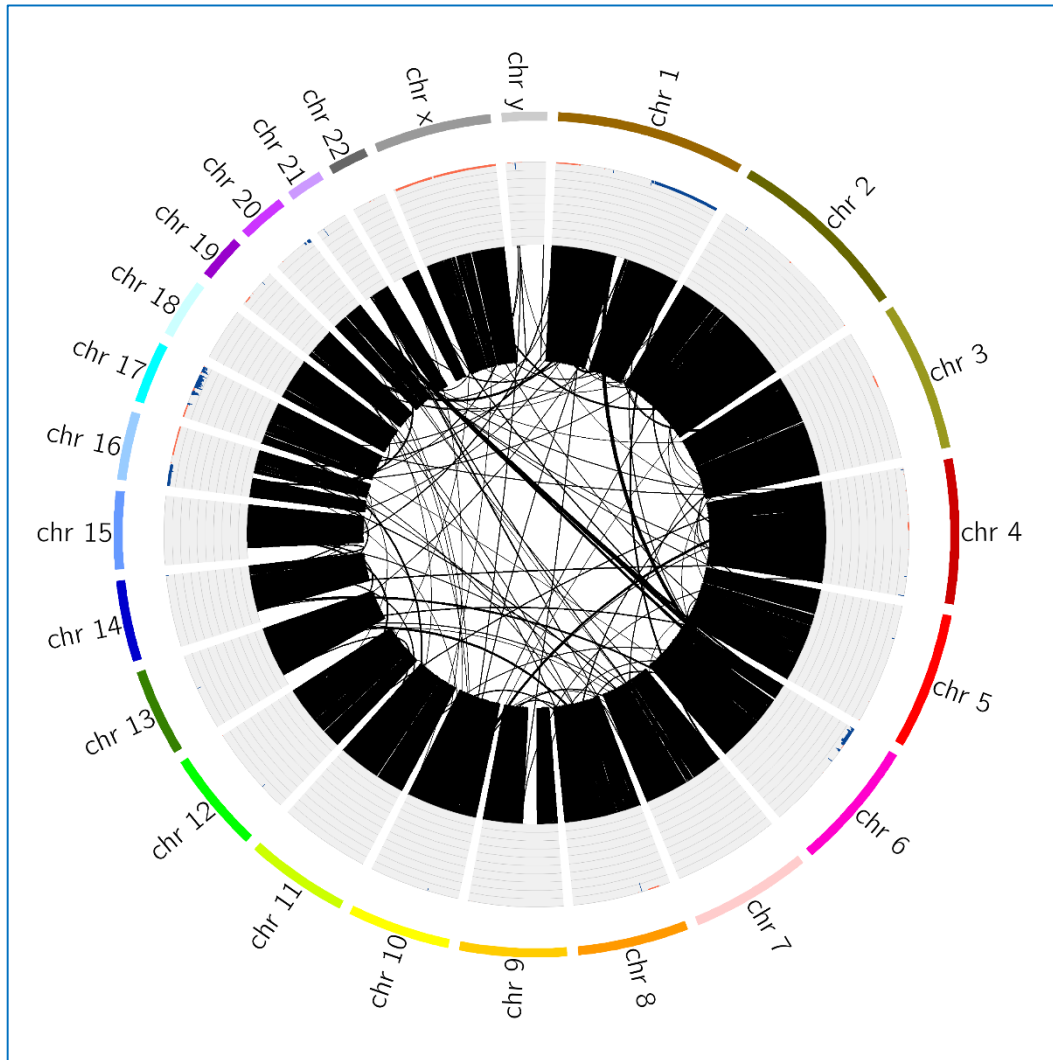


FAST – ERBB2 amplicon

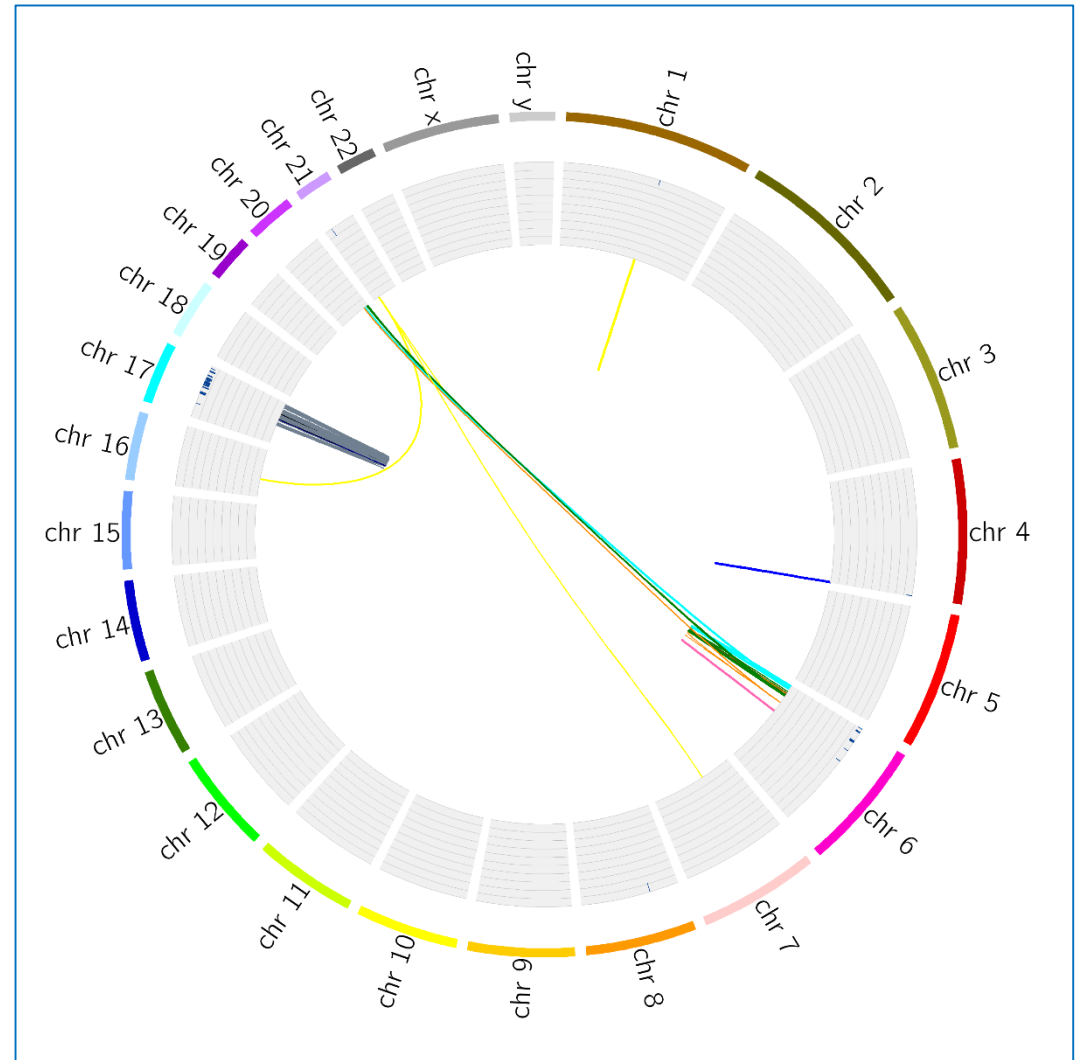


Control-FREEC

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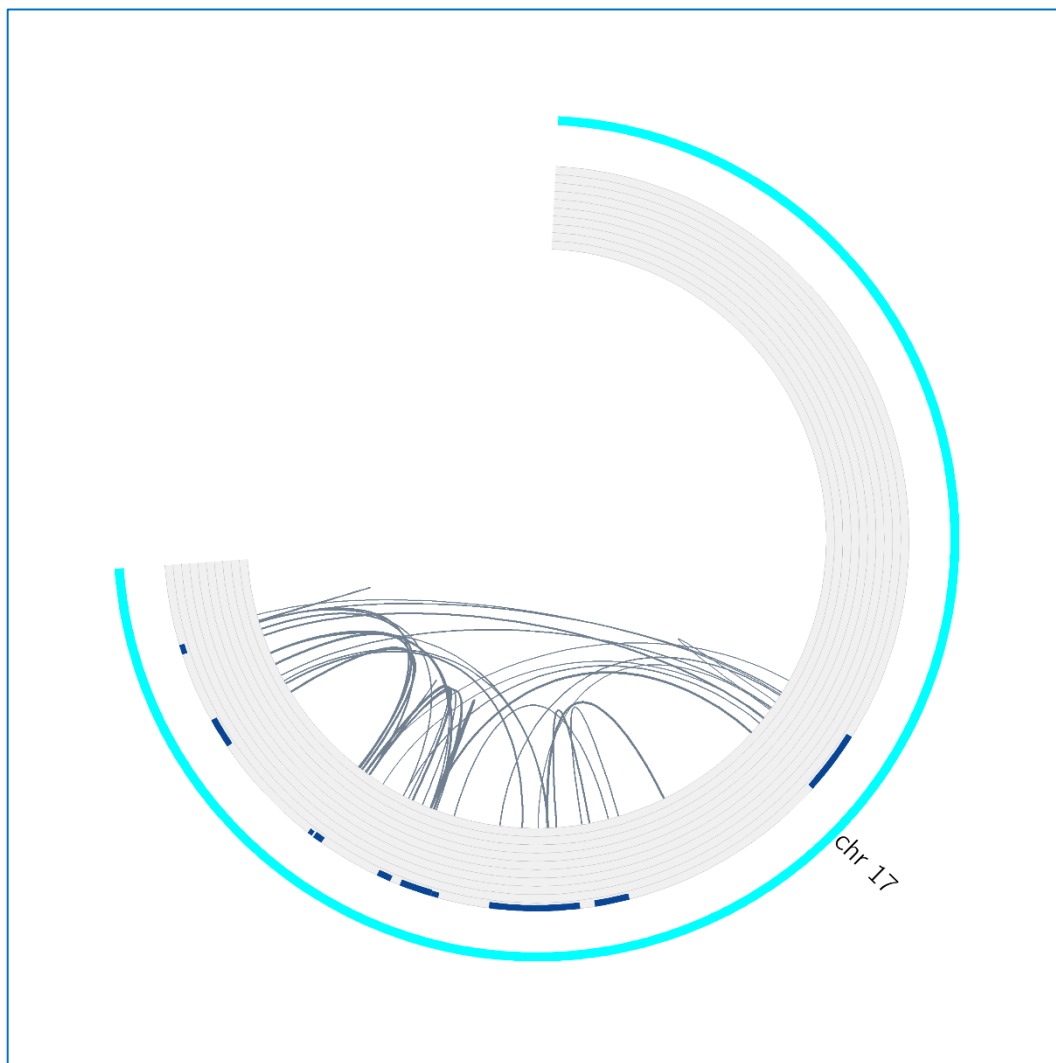


BreakDancer + Control-FREEC

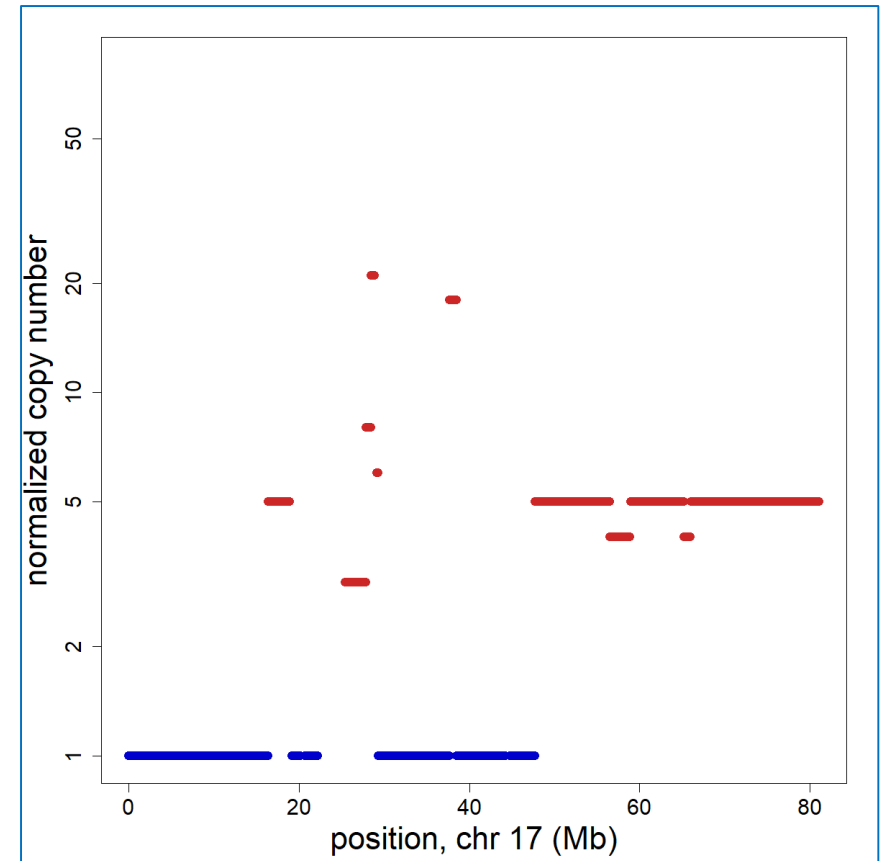
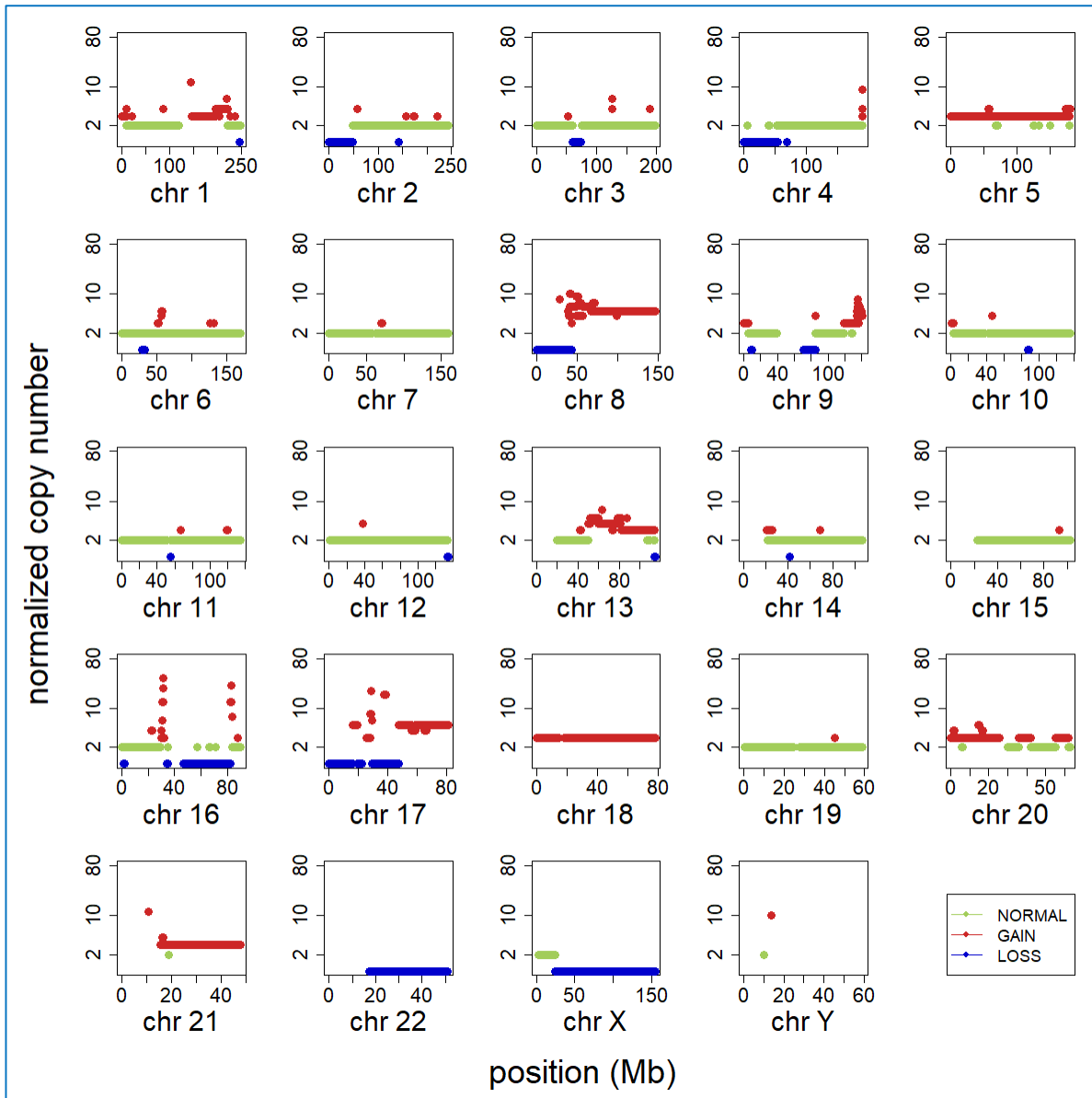


FAST – Whole Genome

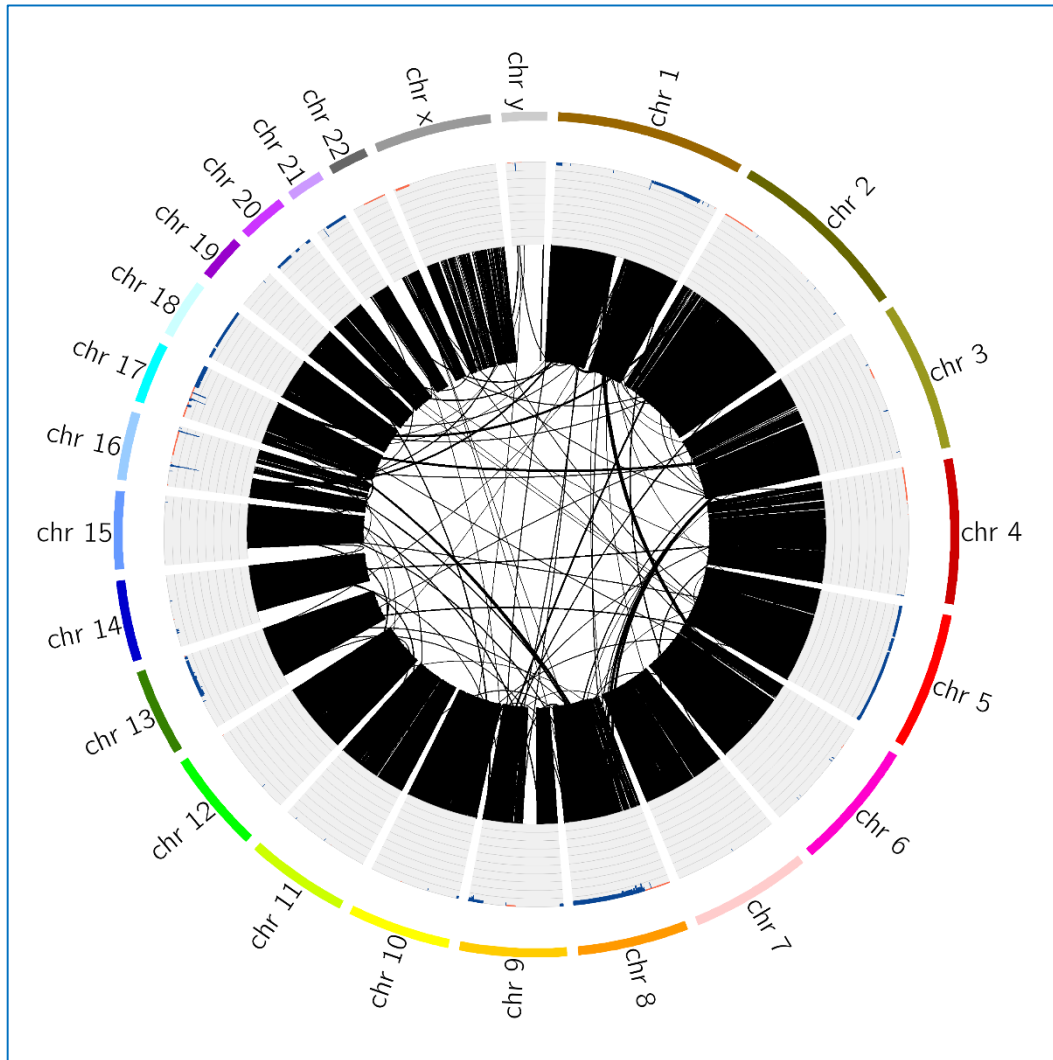
p-119



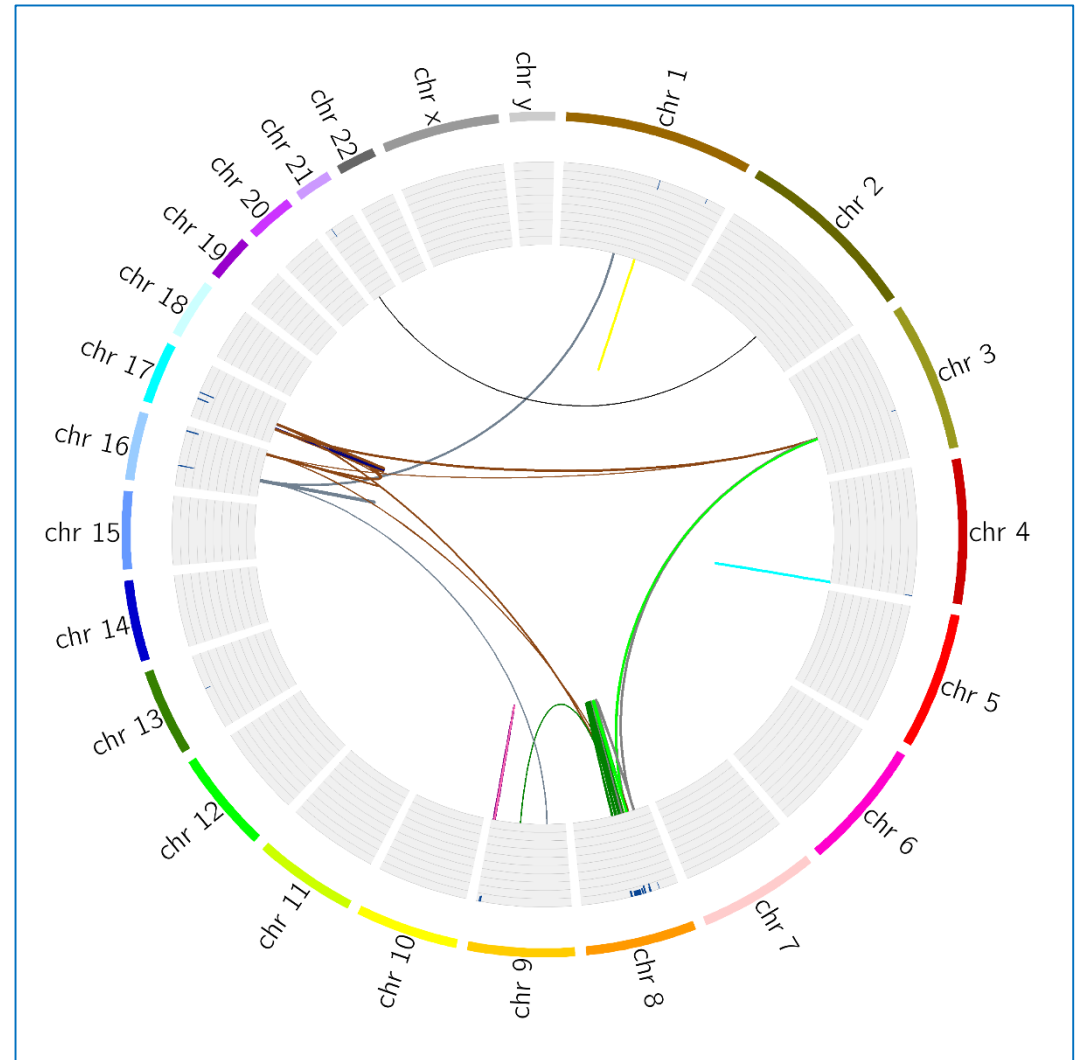
FAST – ERBB2 amplicon



Control-FREEC

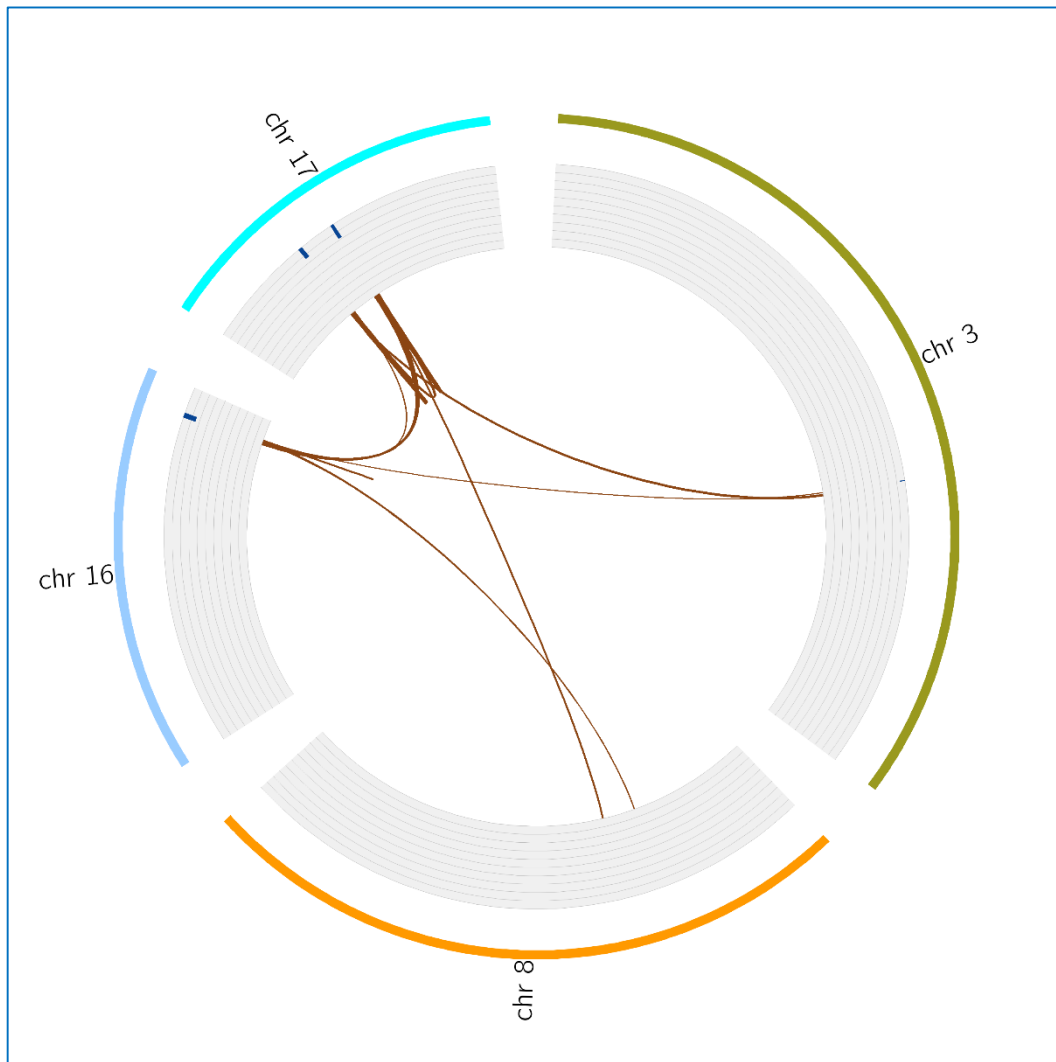


BreakDancer + Control-FREEC

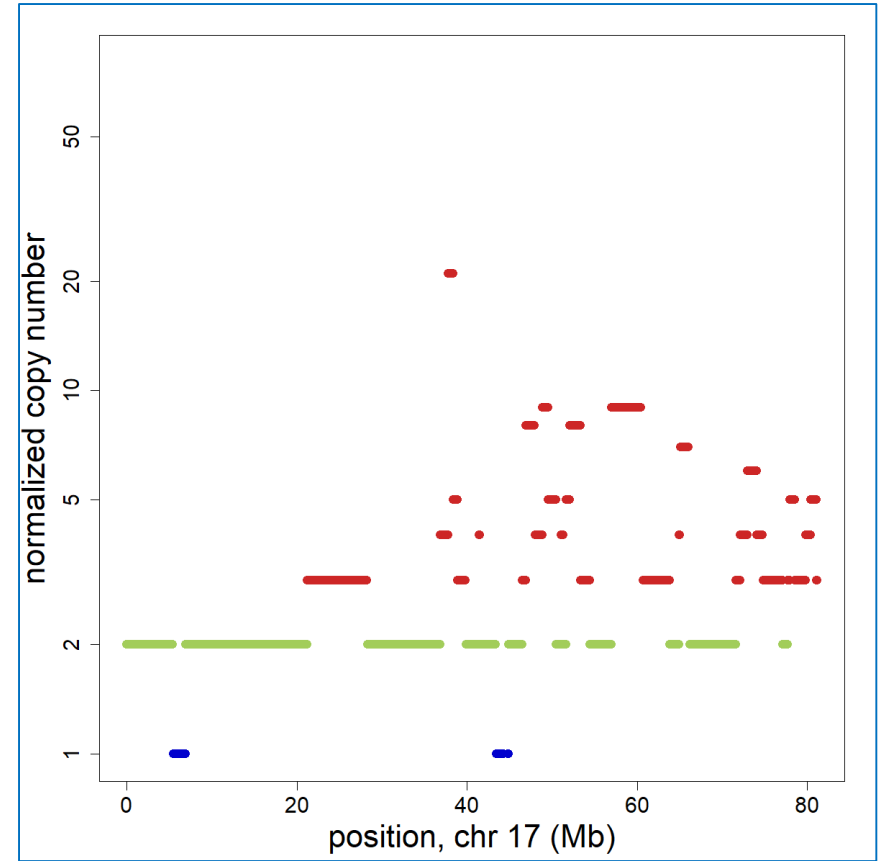
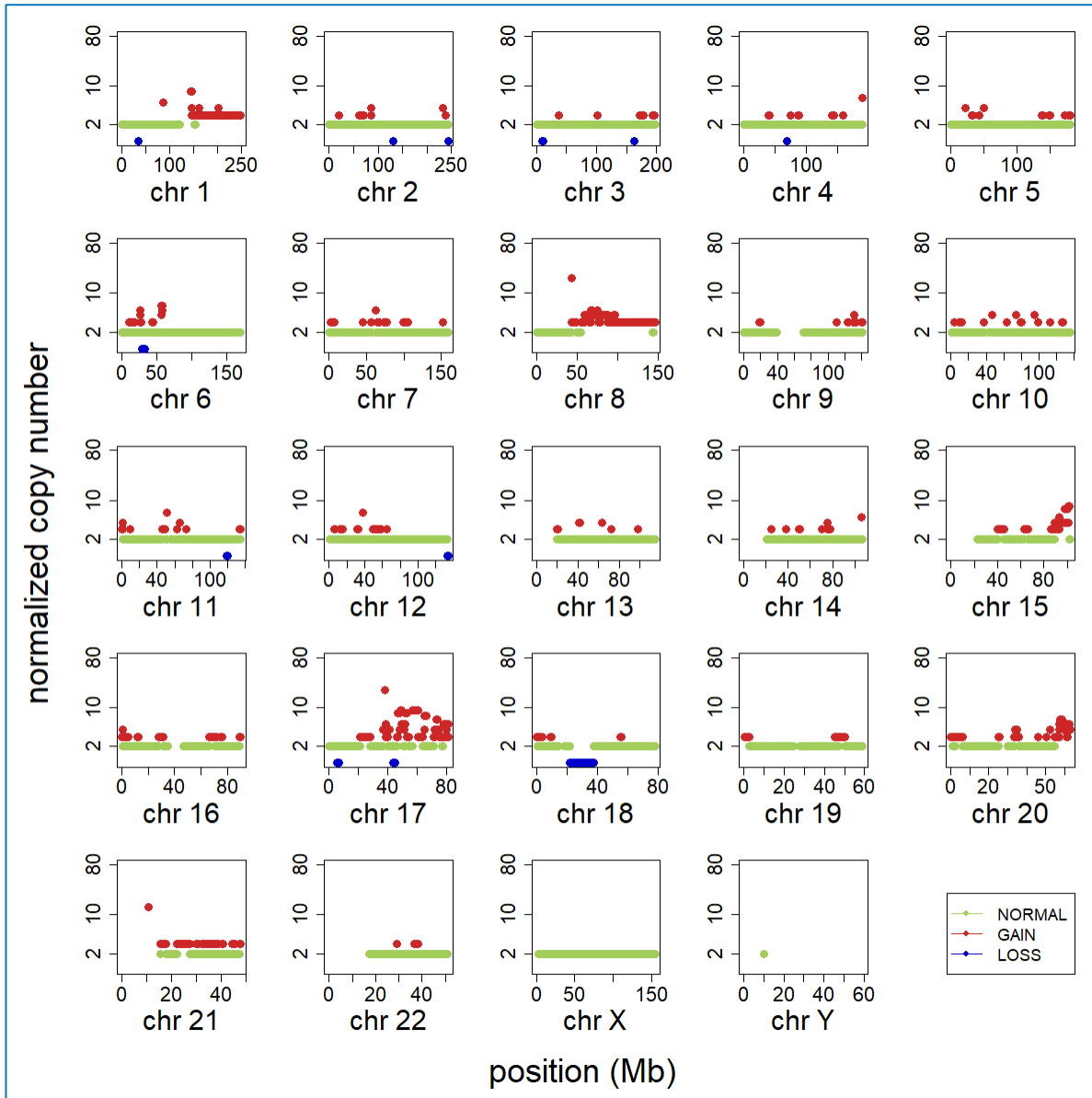


FAST - Whole Genome

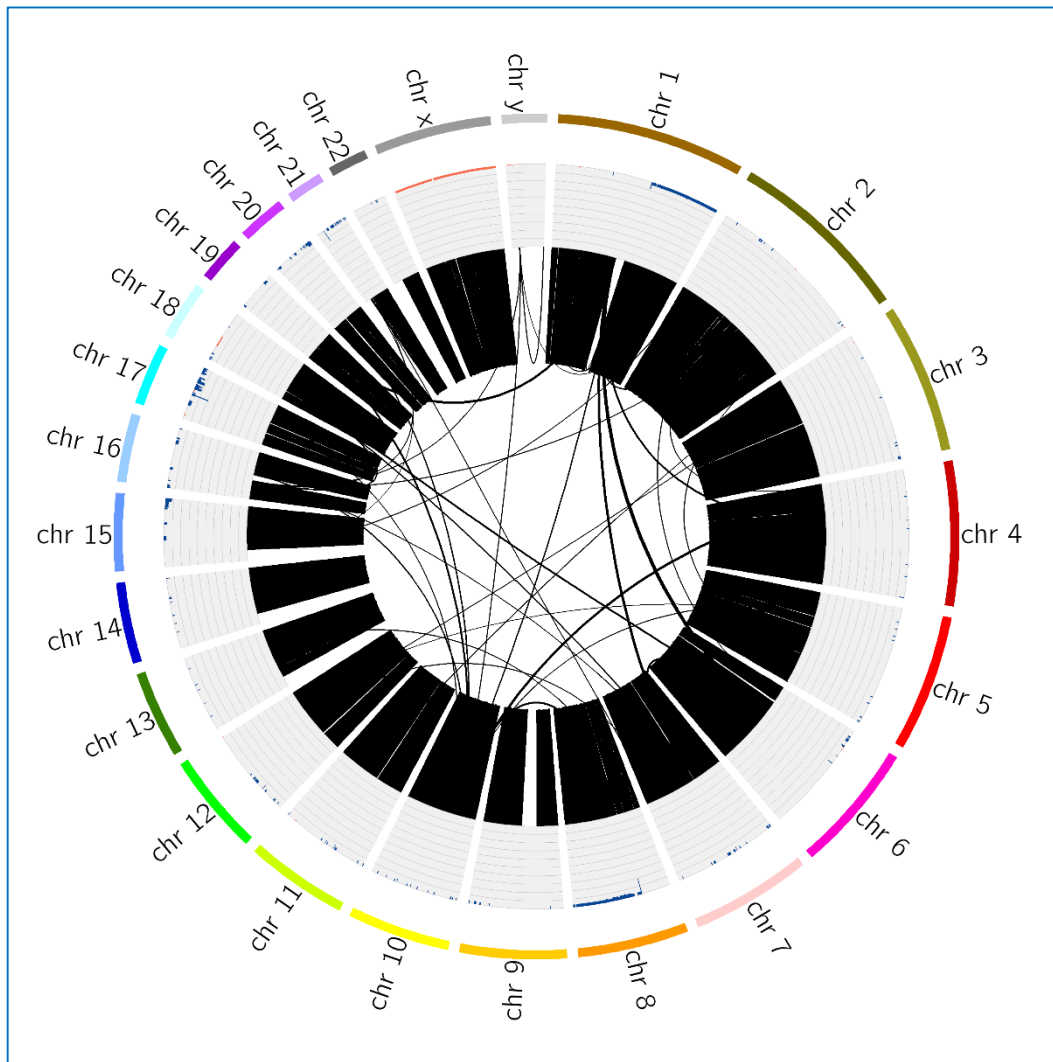
166



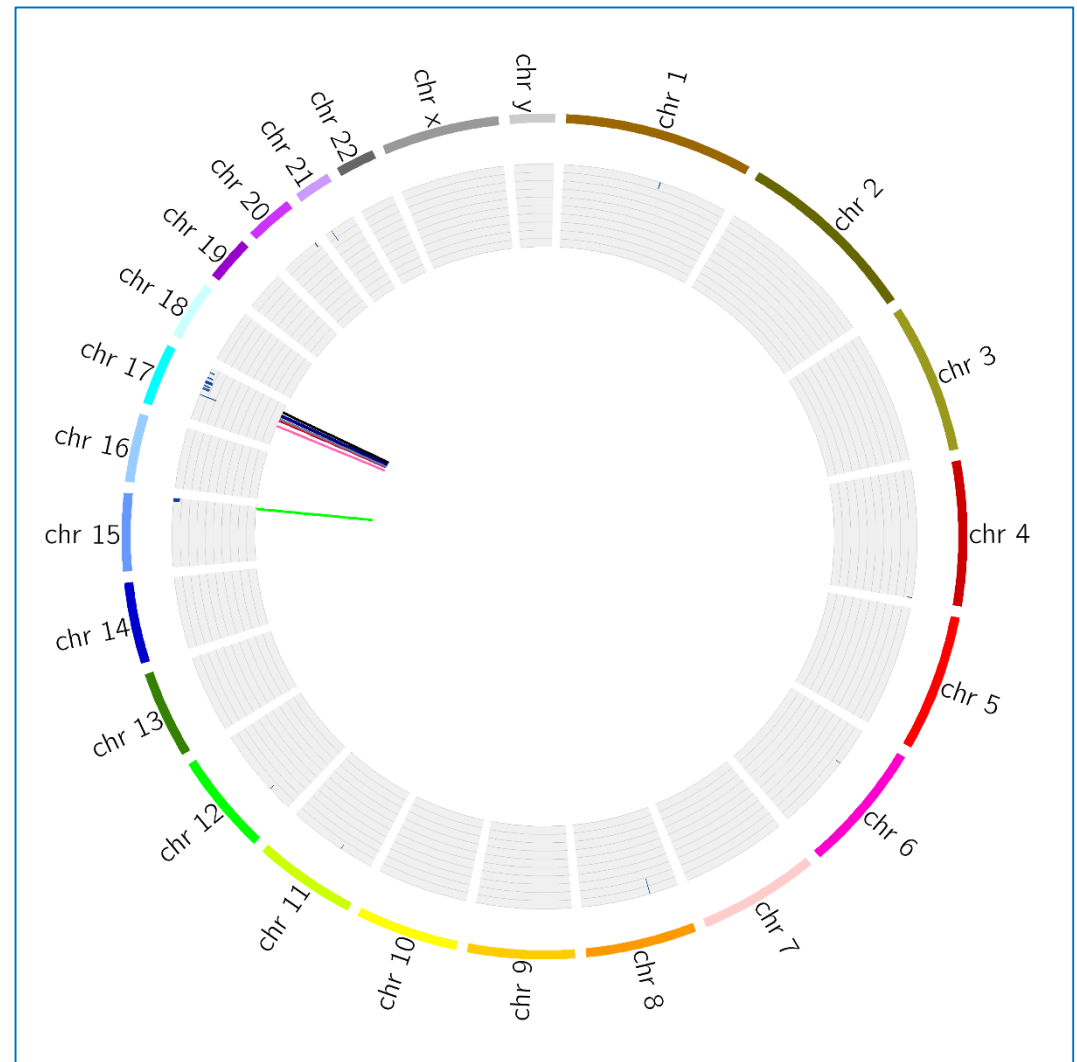
FAST – ERBB2 amplicon



p-203

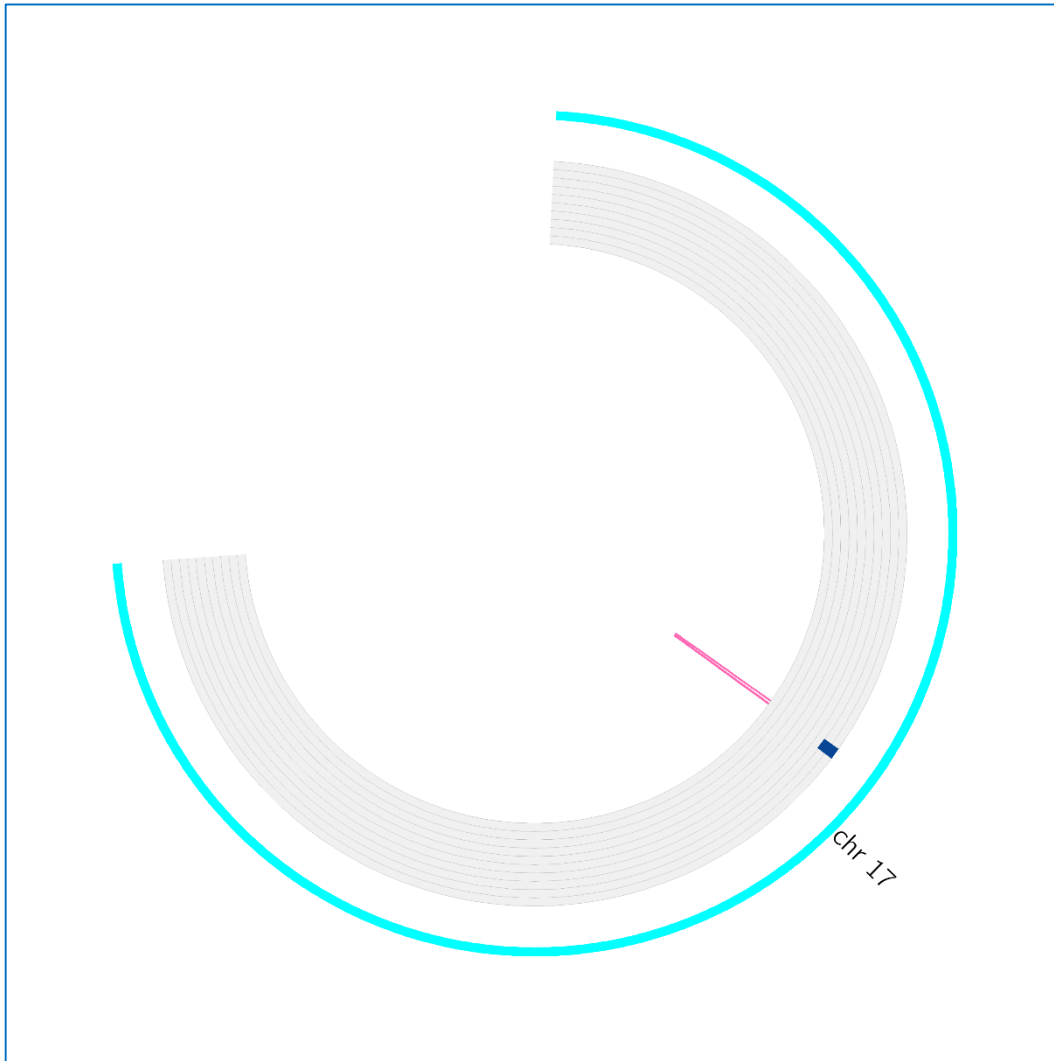


BreakDancer + Control-FREEC

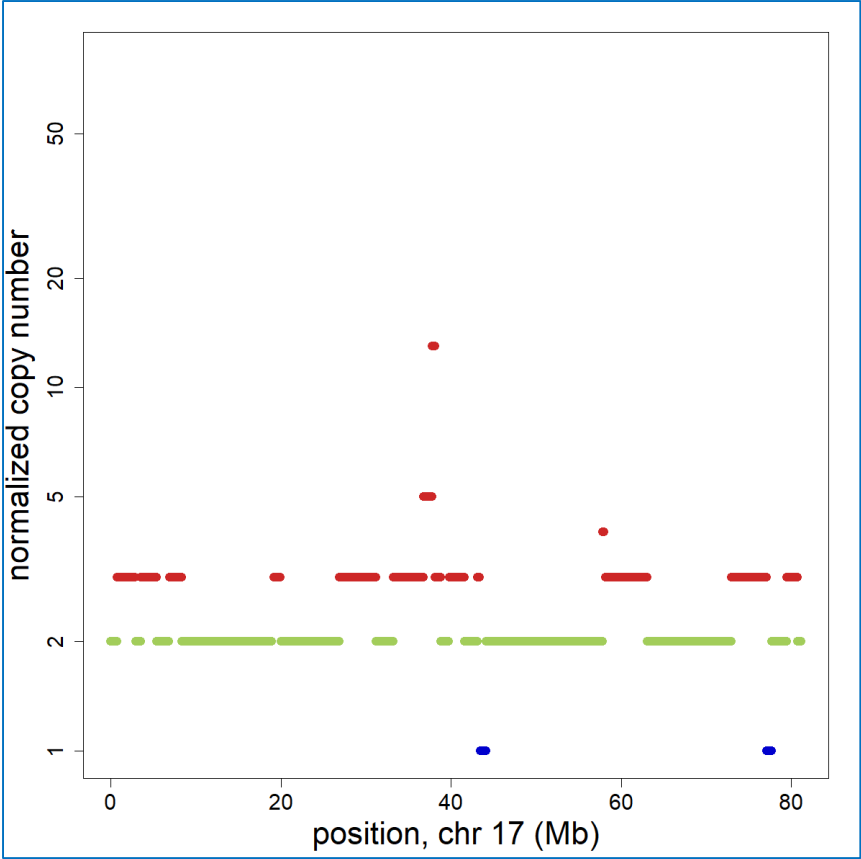
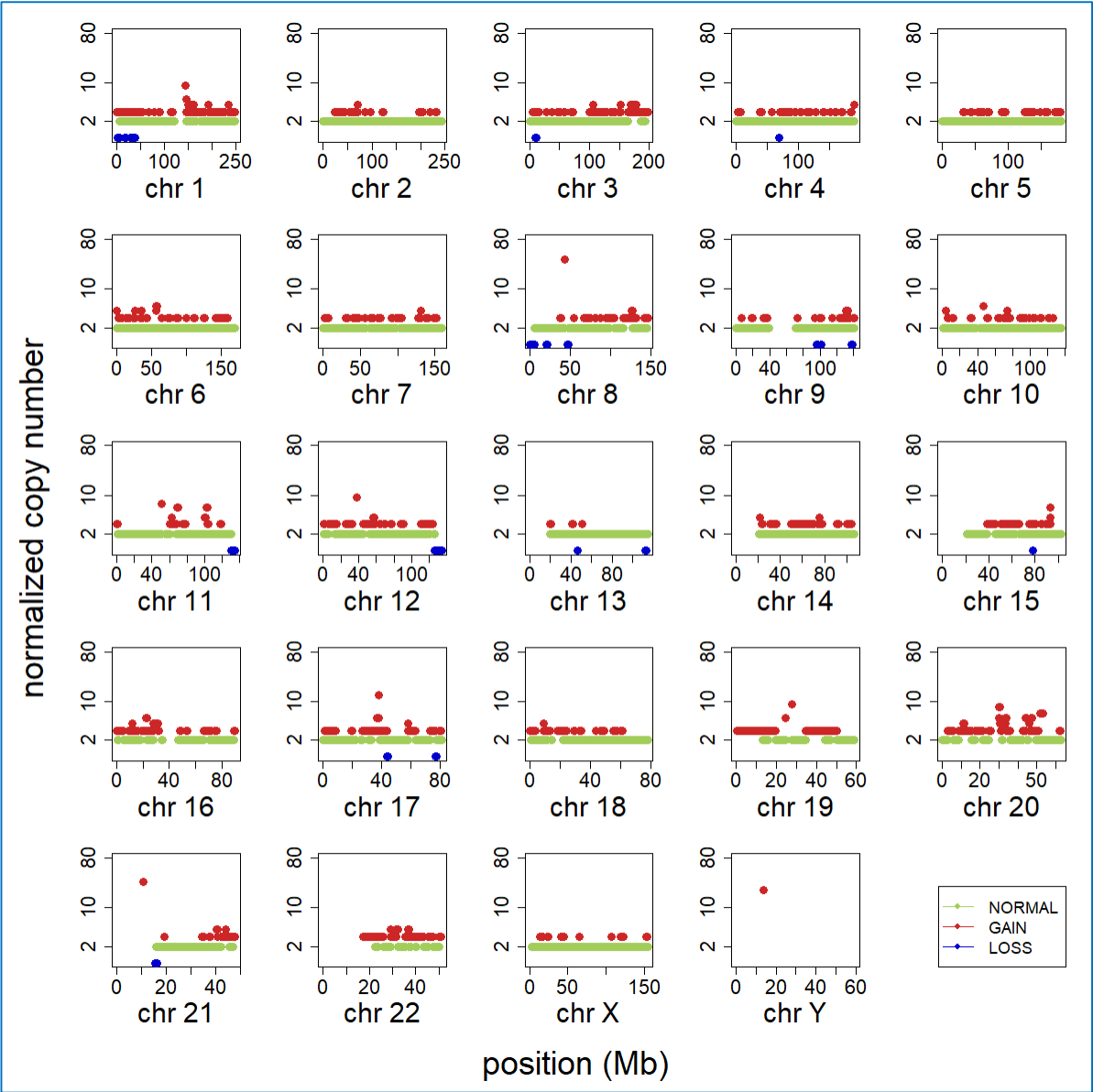


FAST - Whole Genome

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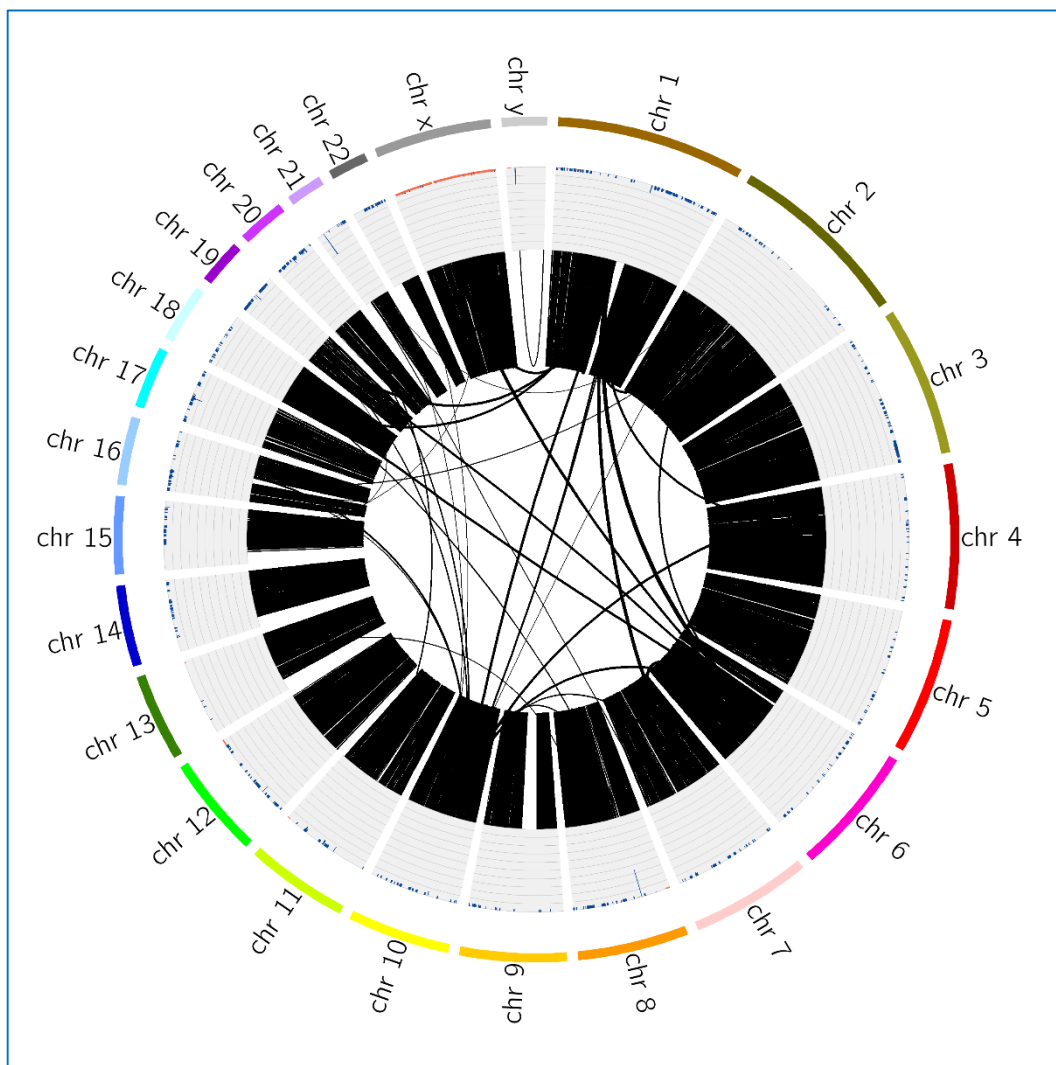


FAST – ERBB2 amplicon

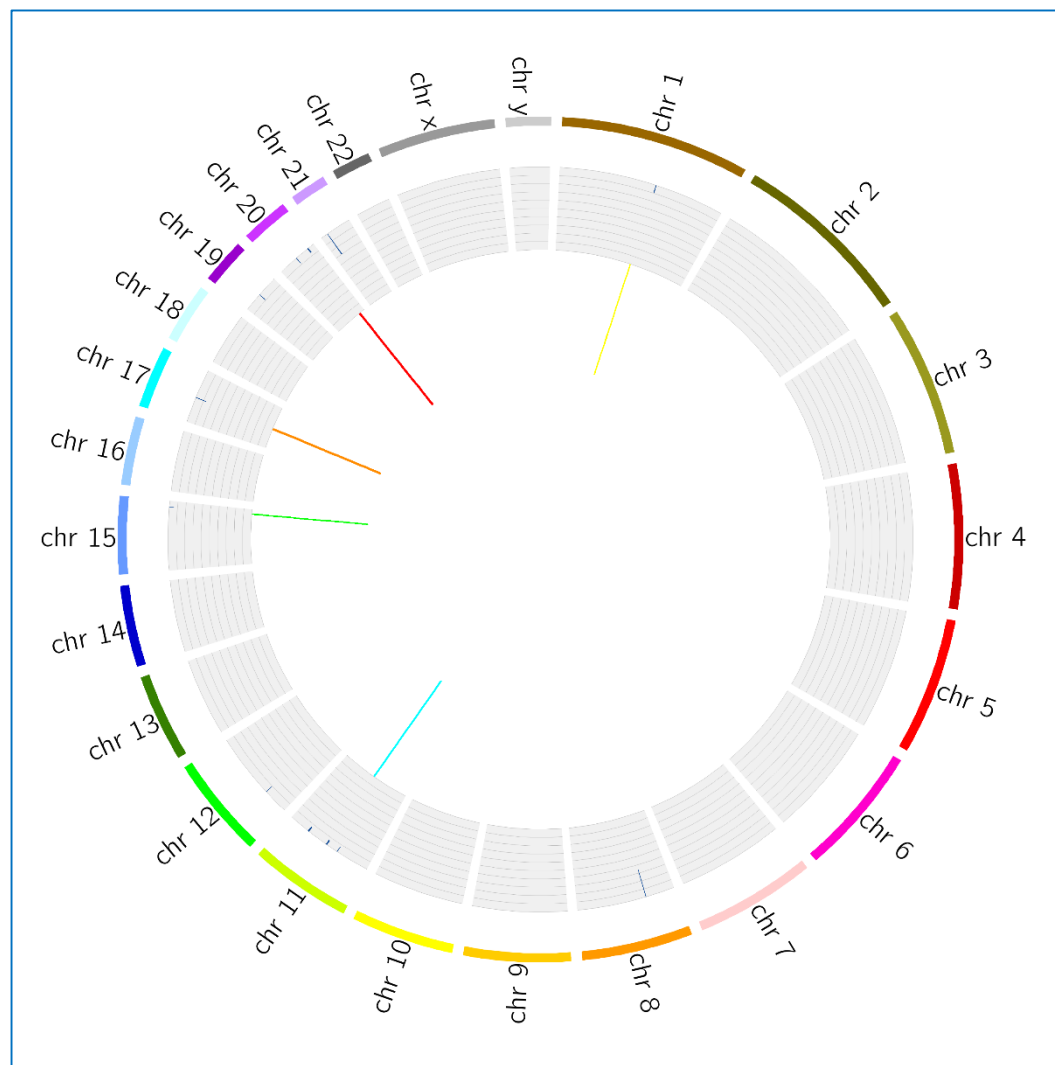


Control-FREEC

p-204

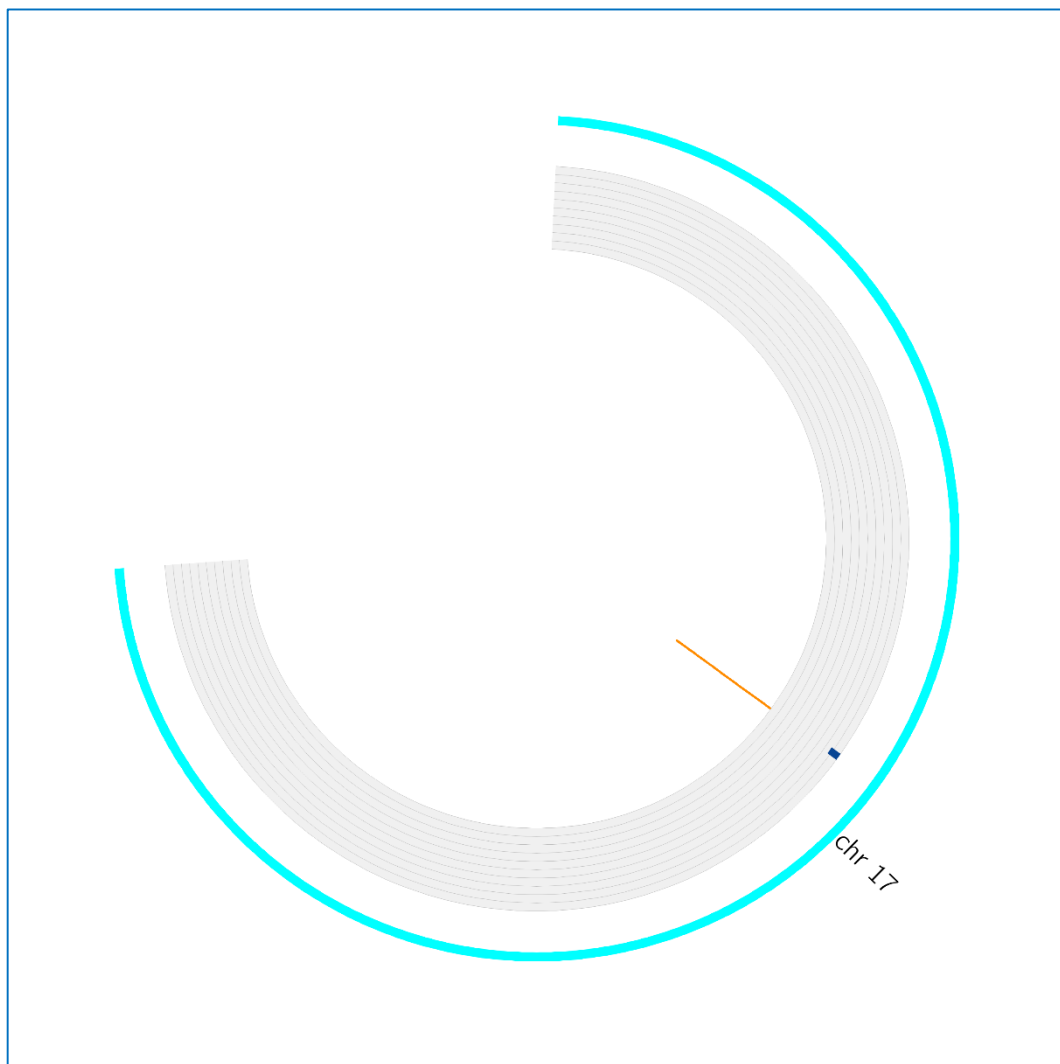


BreakDancer + Control-FREEC



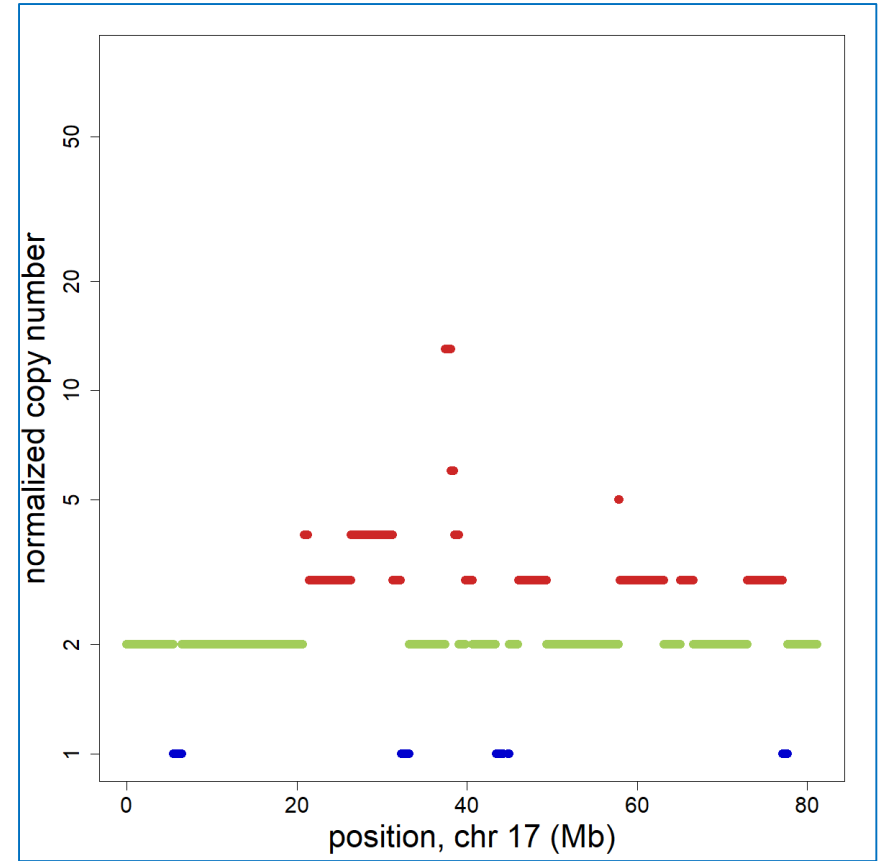
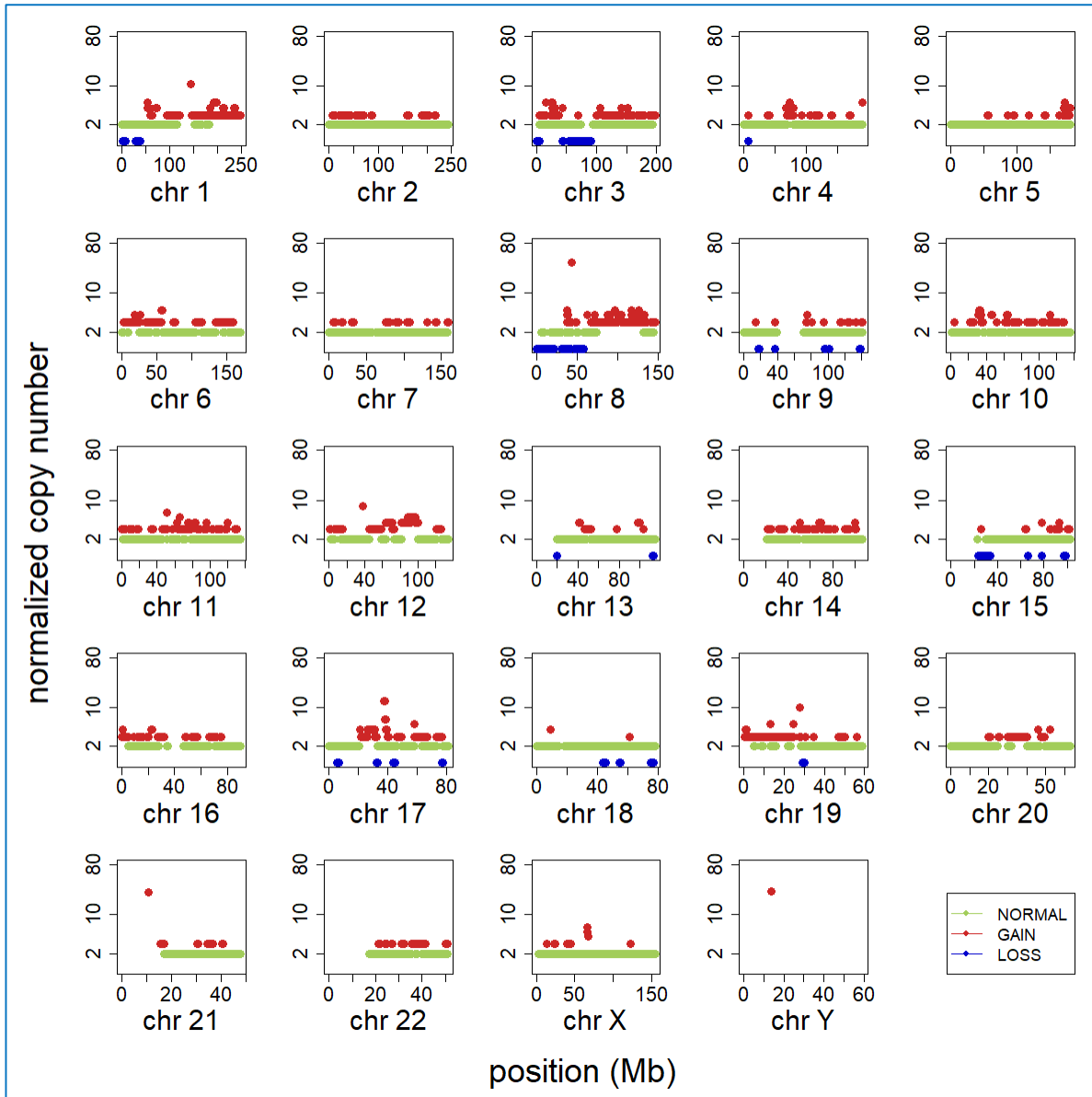
FAST - Whole Genome

p-204



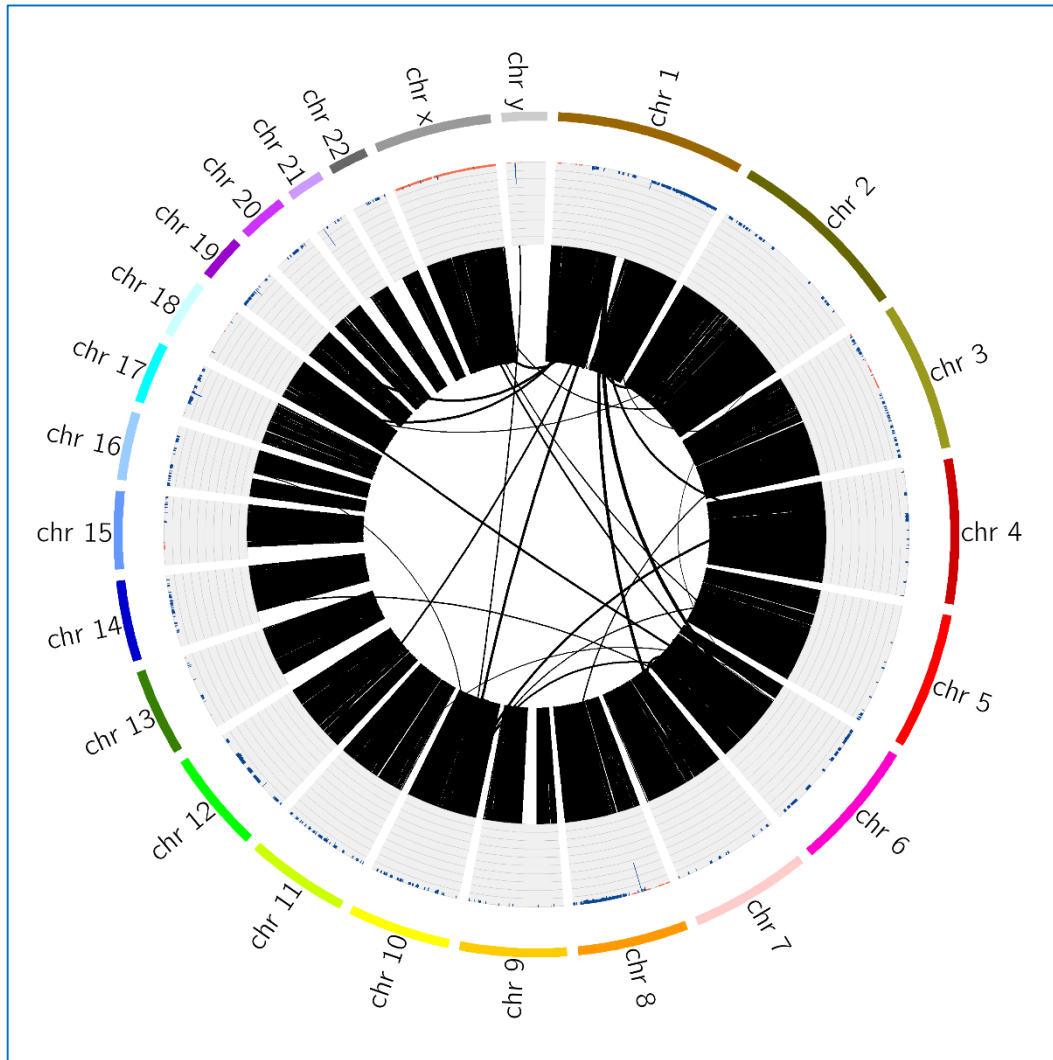
FAST – ERBB2 amplicon

p-205

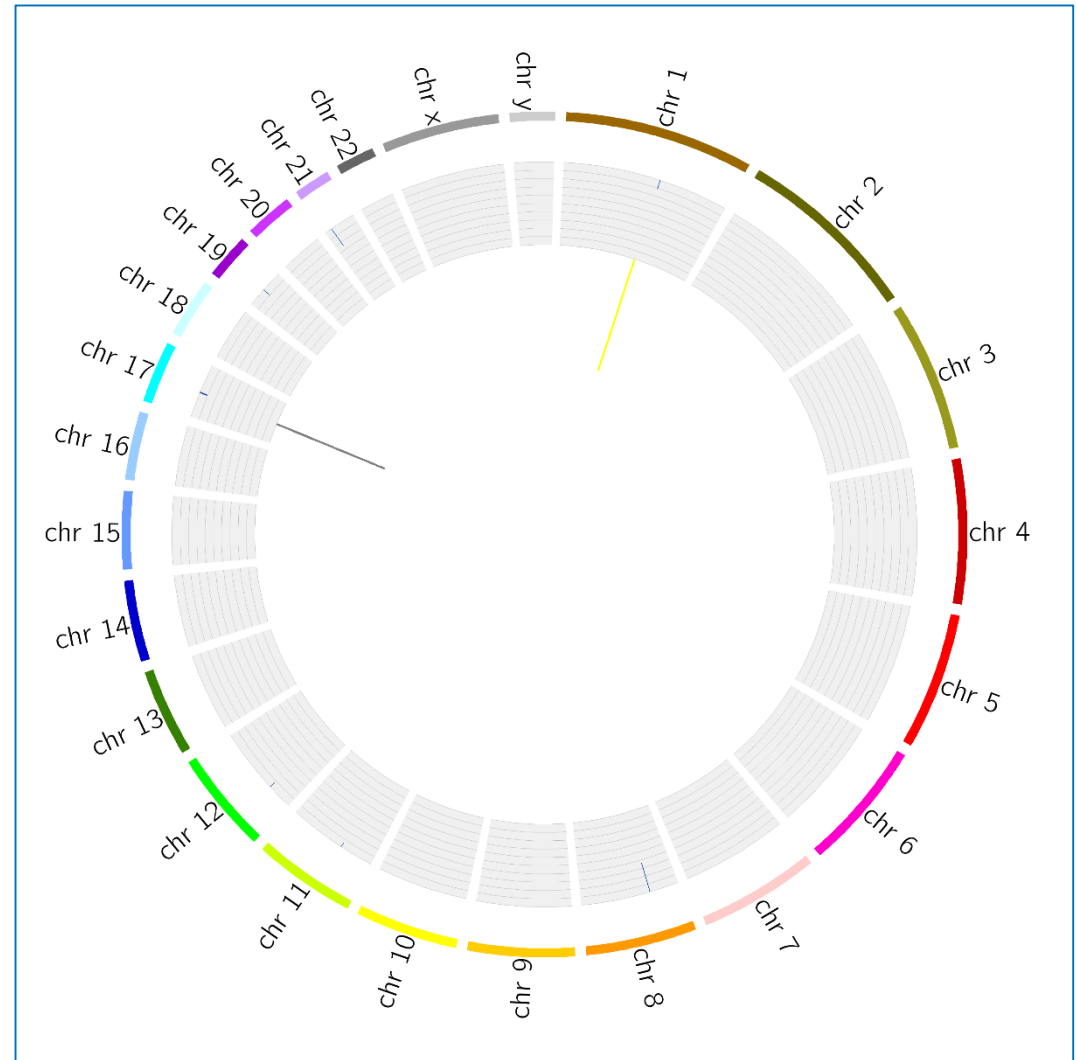


Control-FREEC

p-205

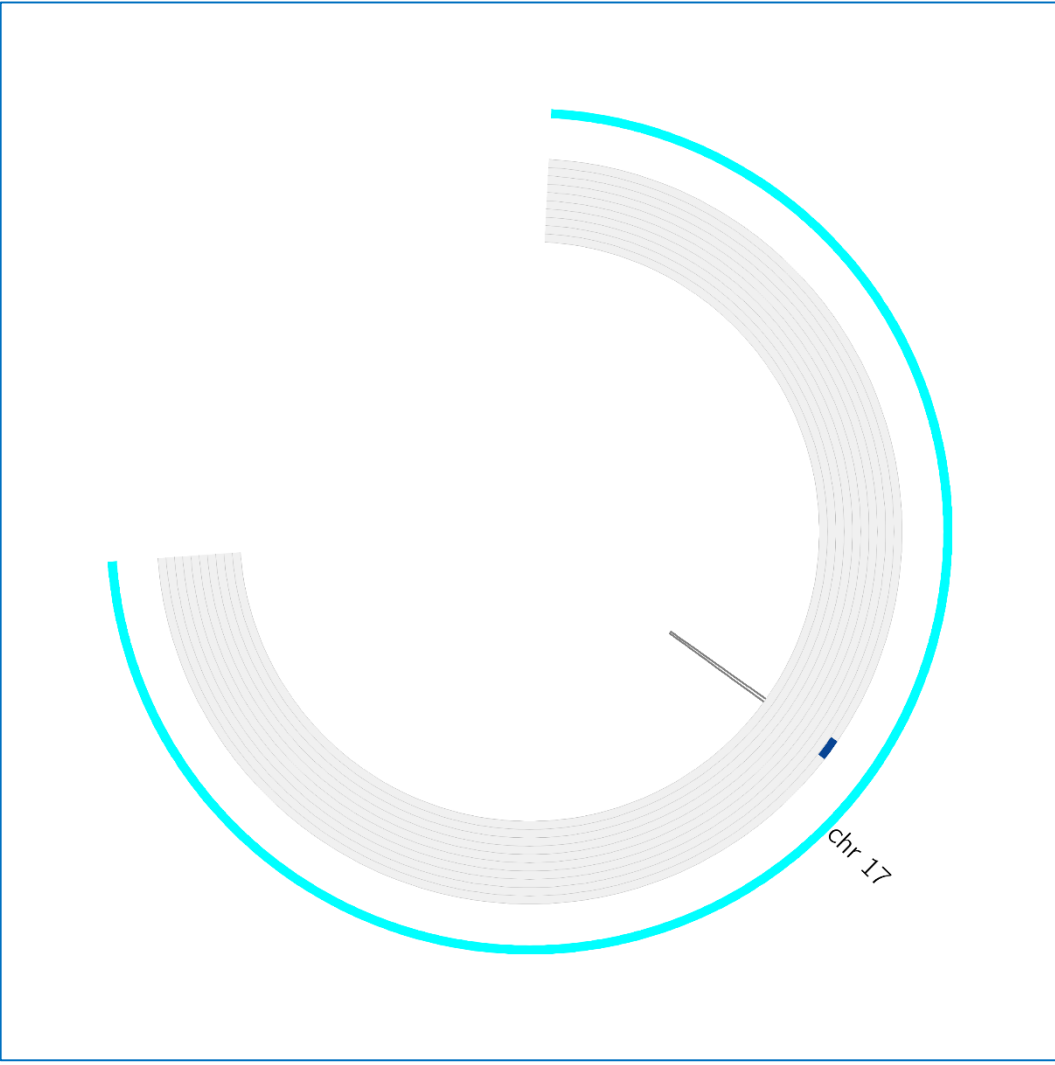


BreakDancer + Control-FREEC

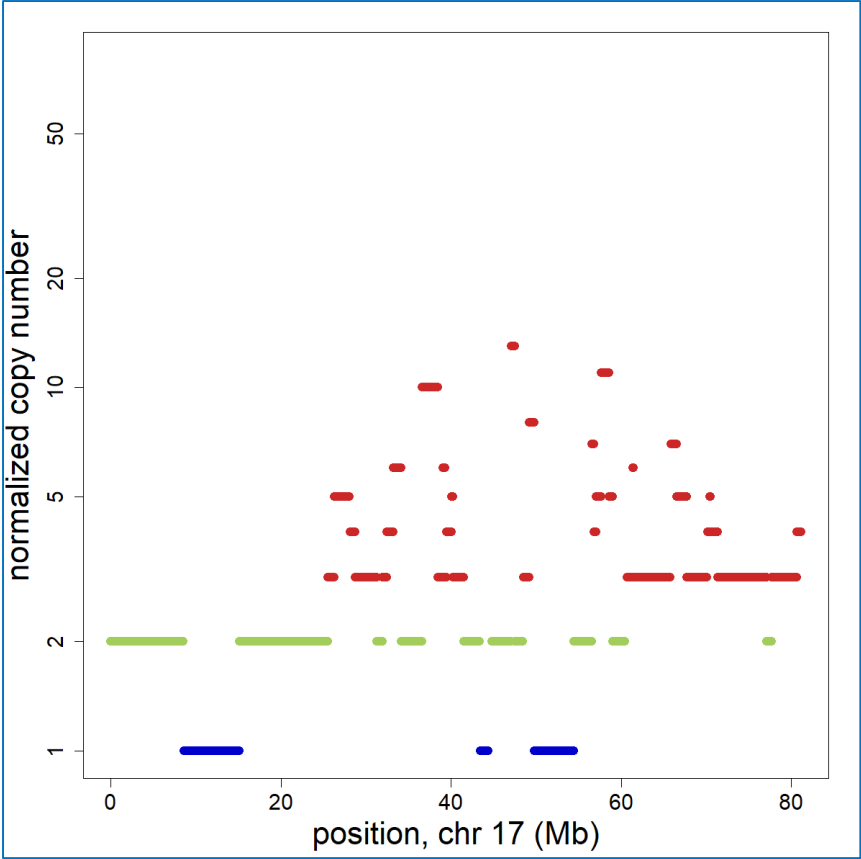
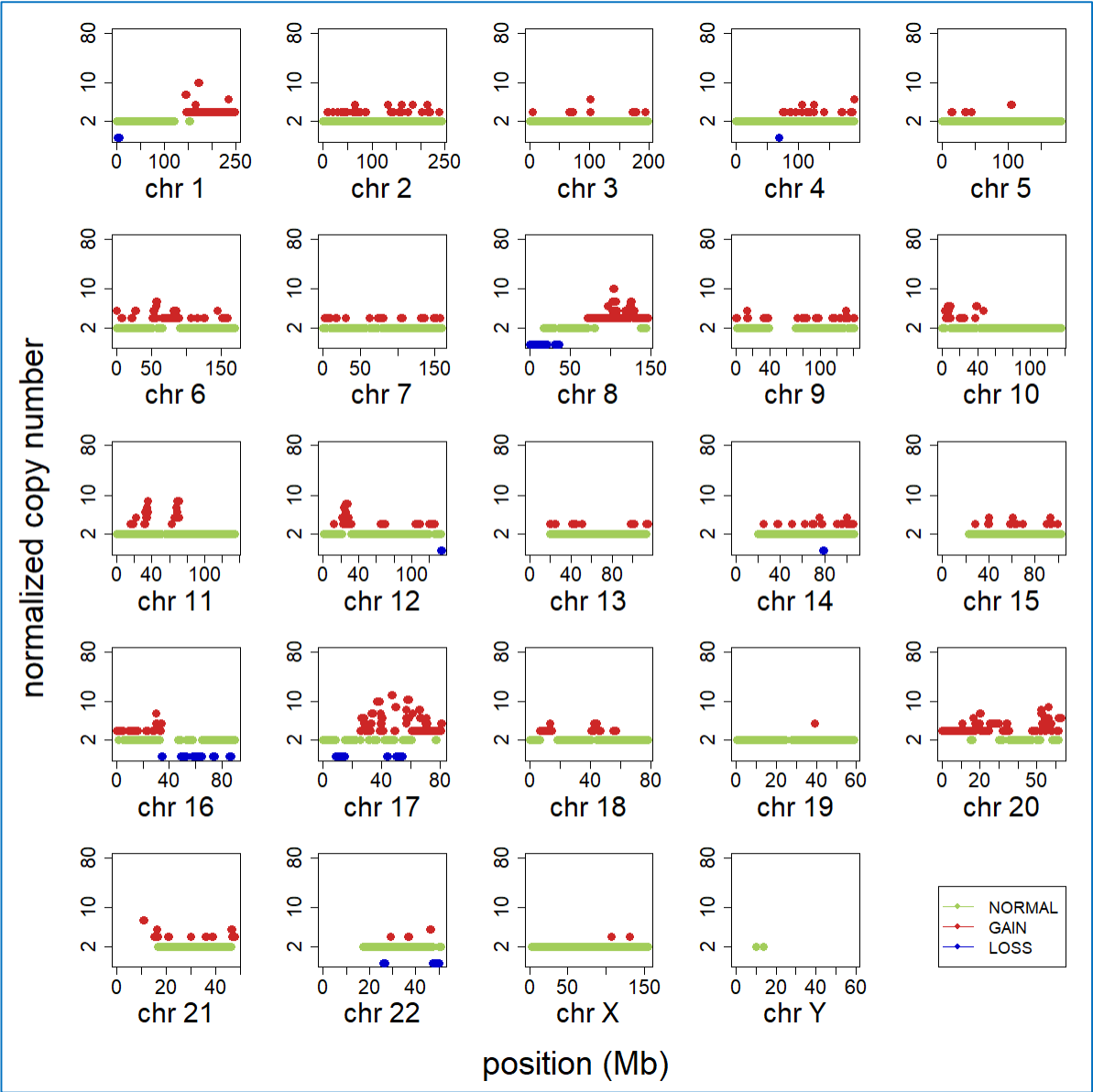


FAST - Whole Genome

p-205

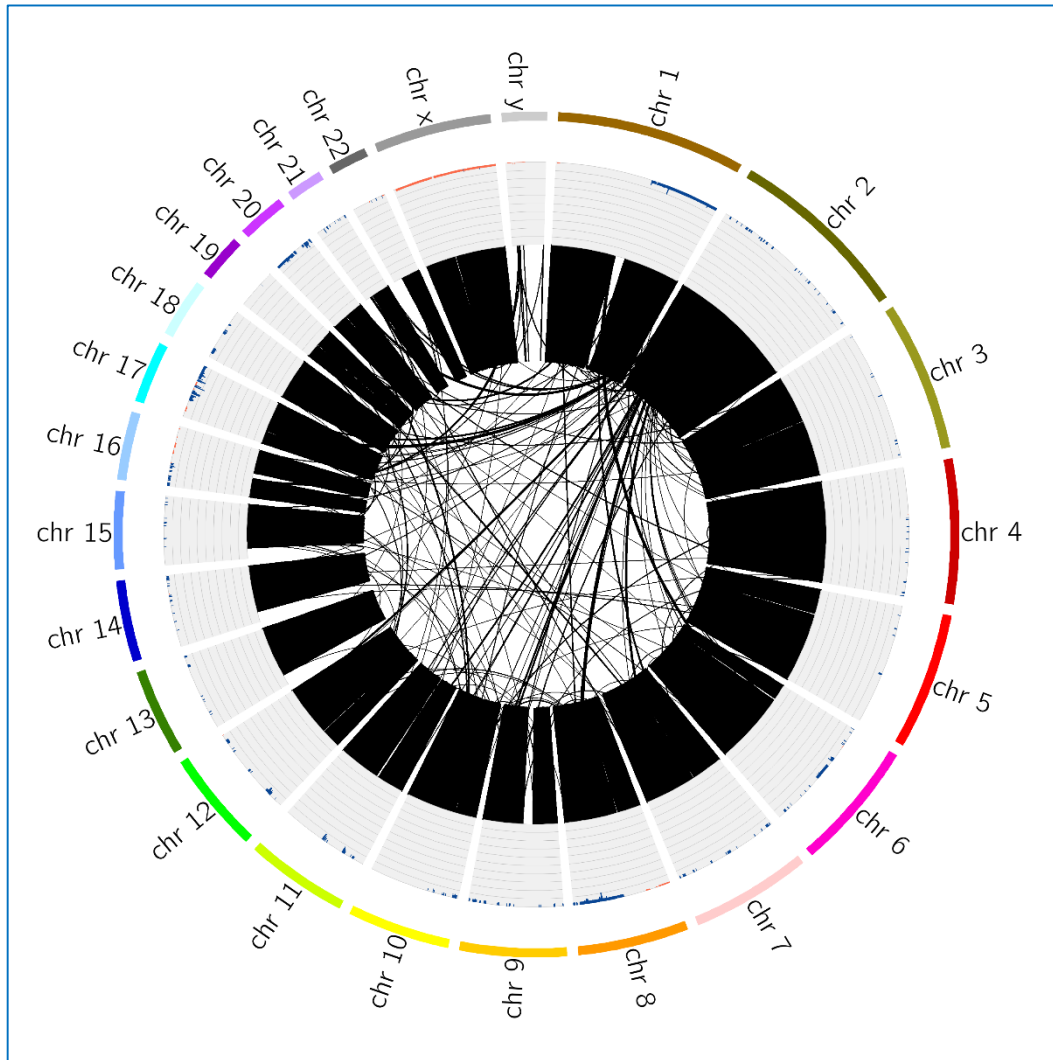


FAST – ERBB2 amplicon

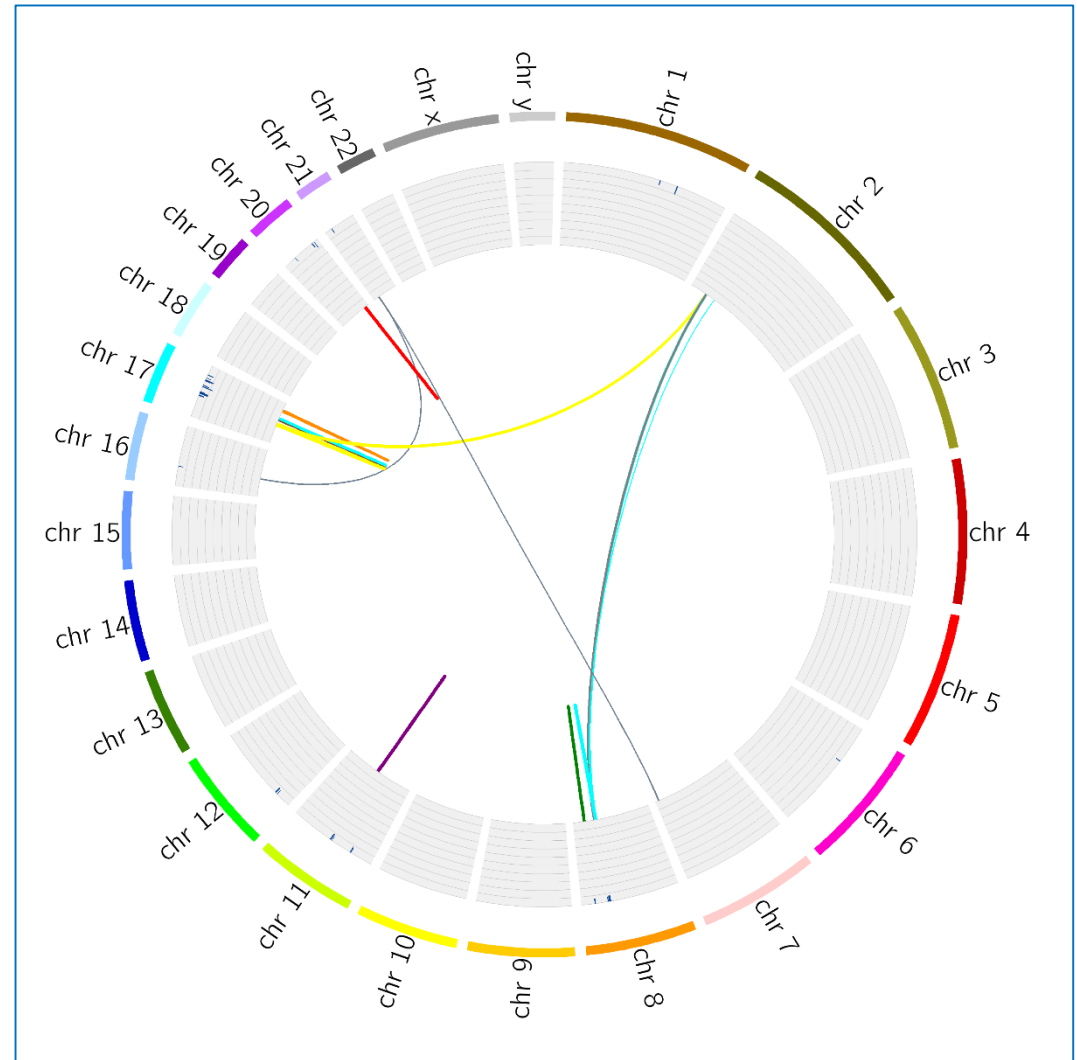


Control-FREEC

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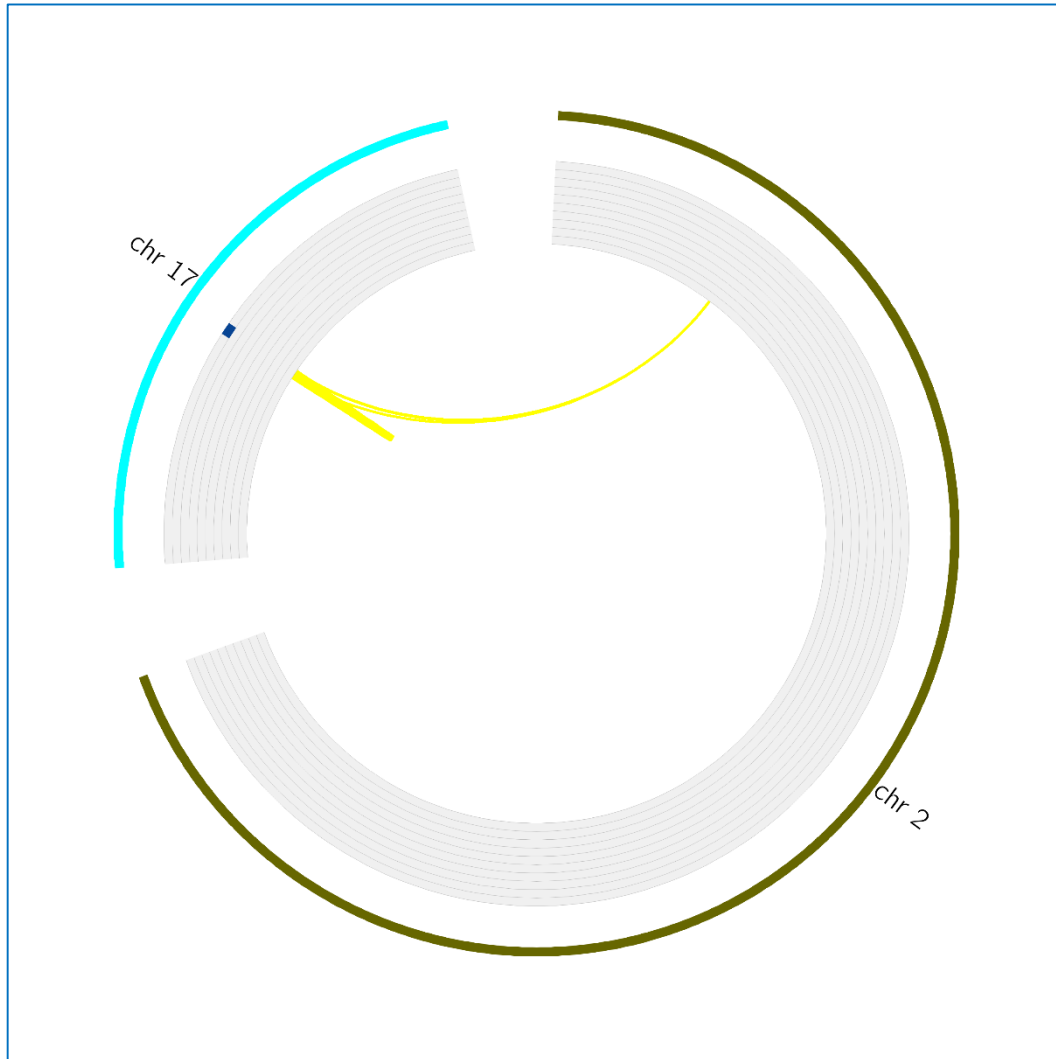


BreakDancer + Control-FREEC

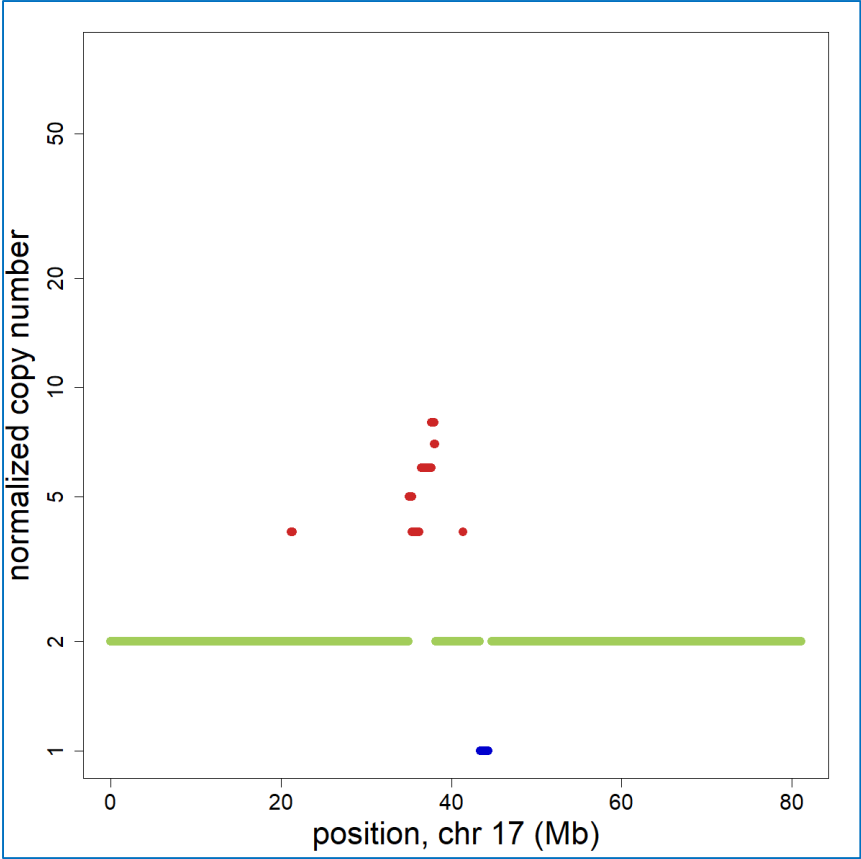
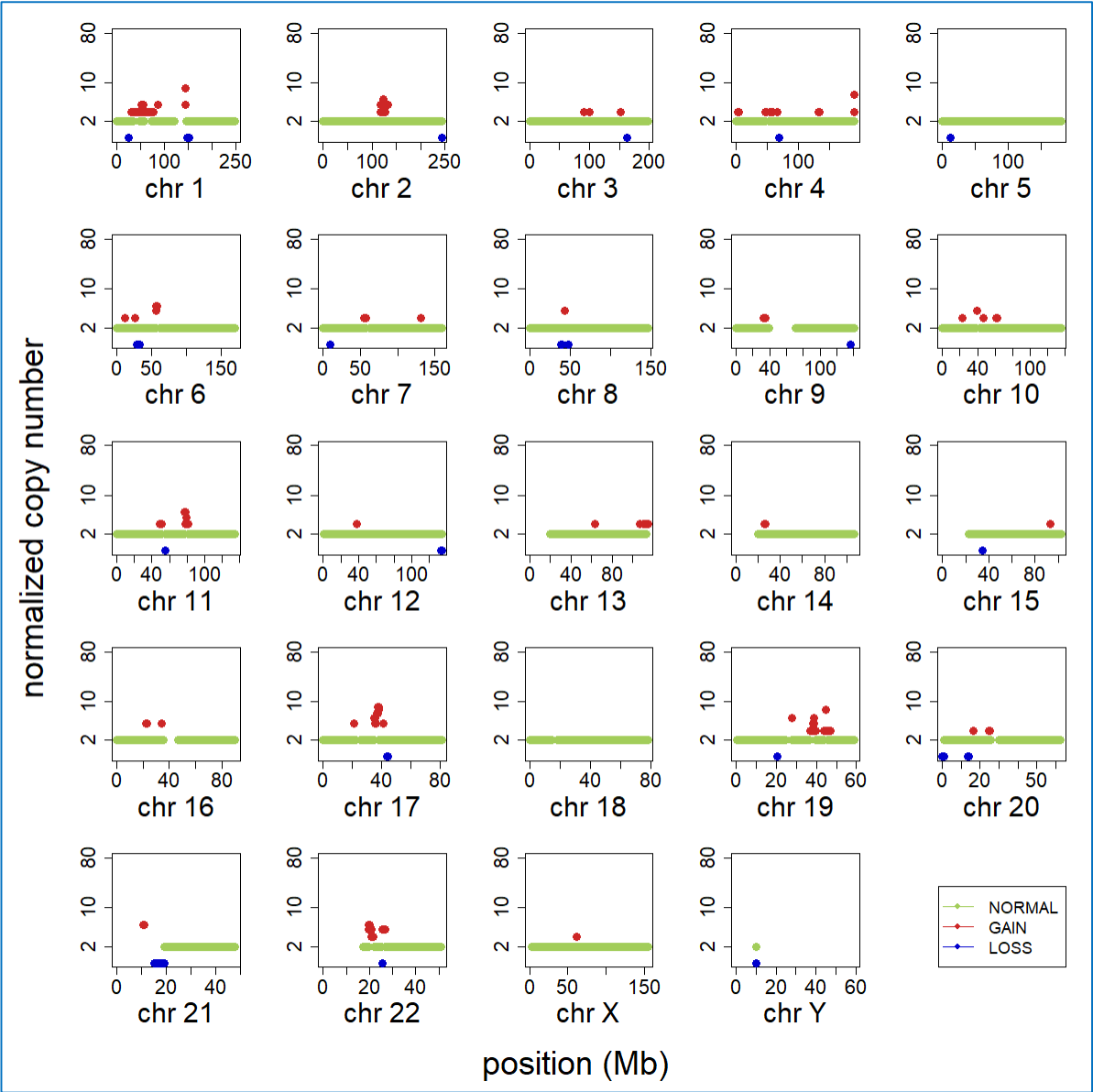


FAST - Whole Genome

p-209

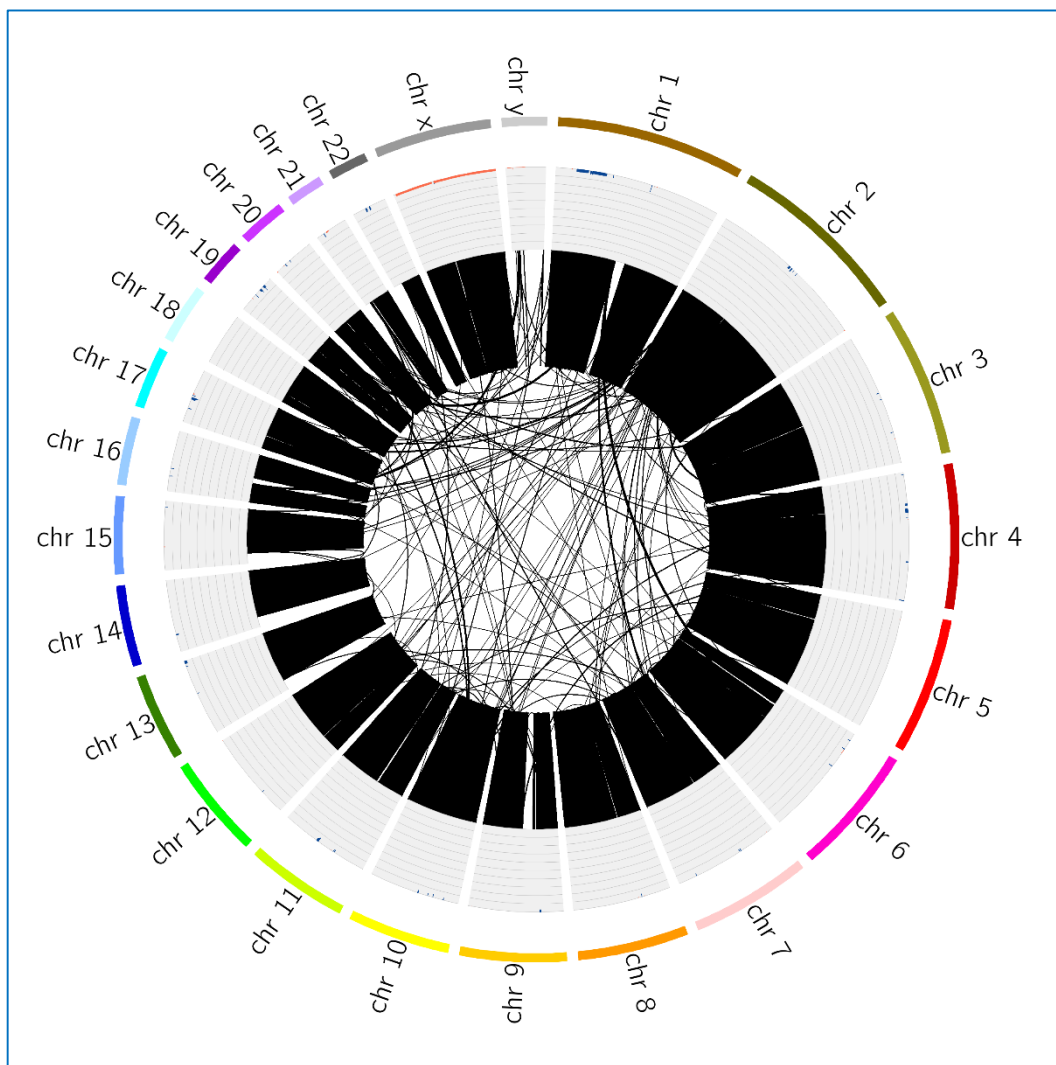


FAST – ERBB2 amplicon

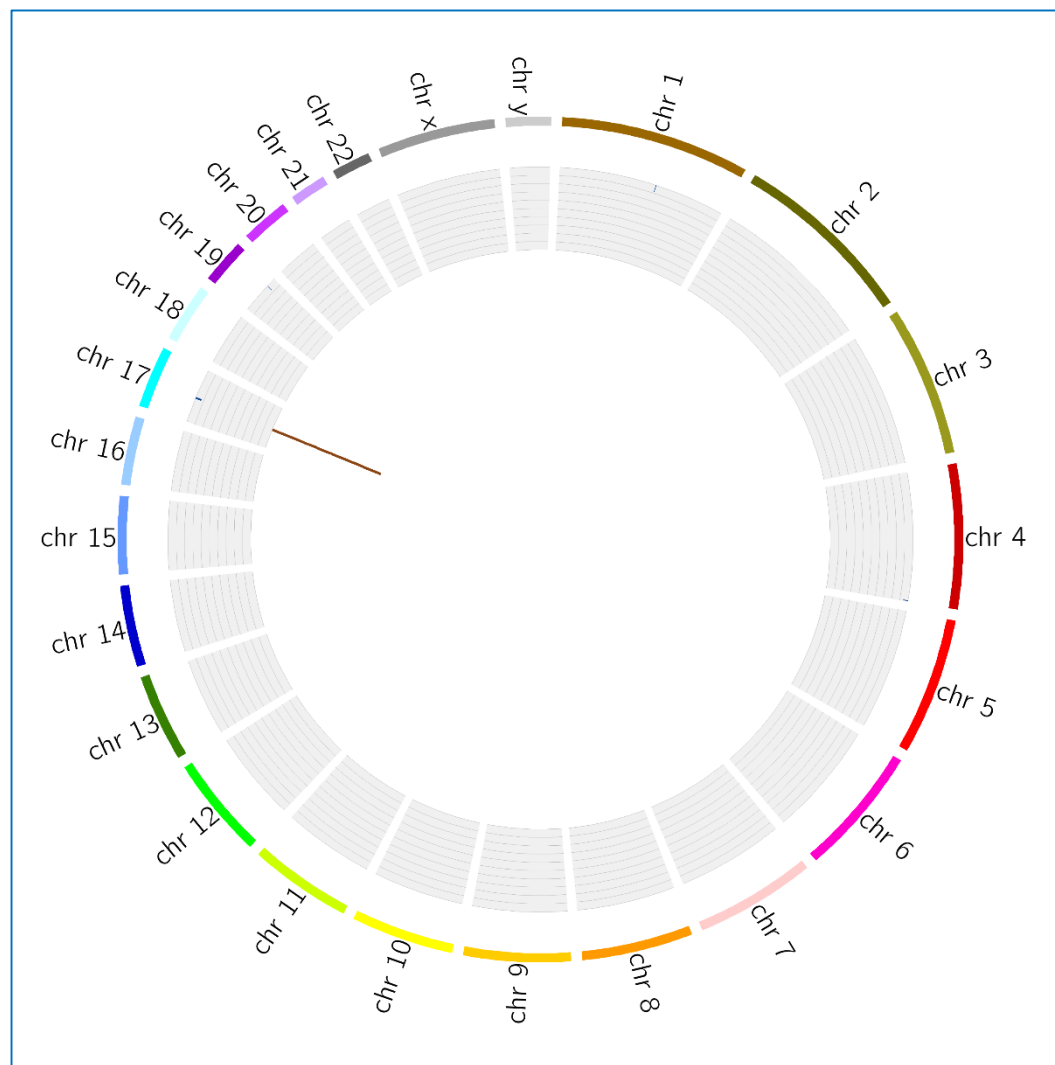


Control-FREEC

p-214

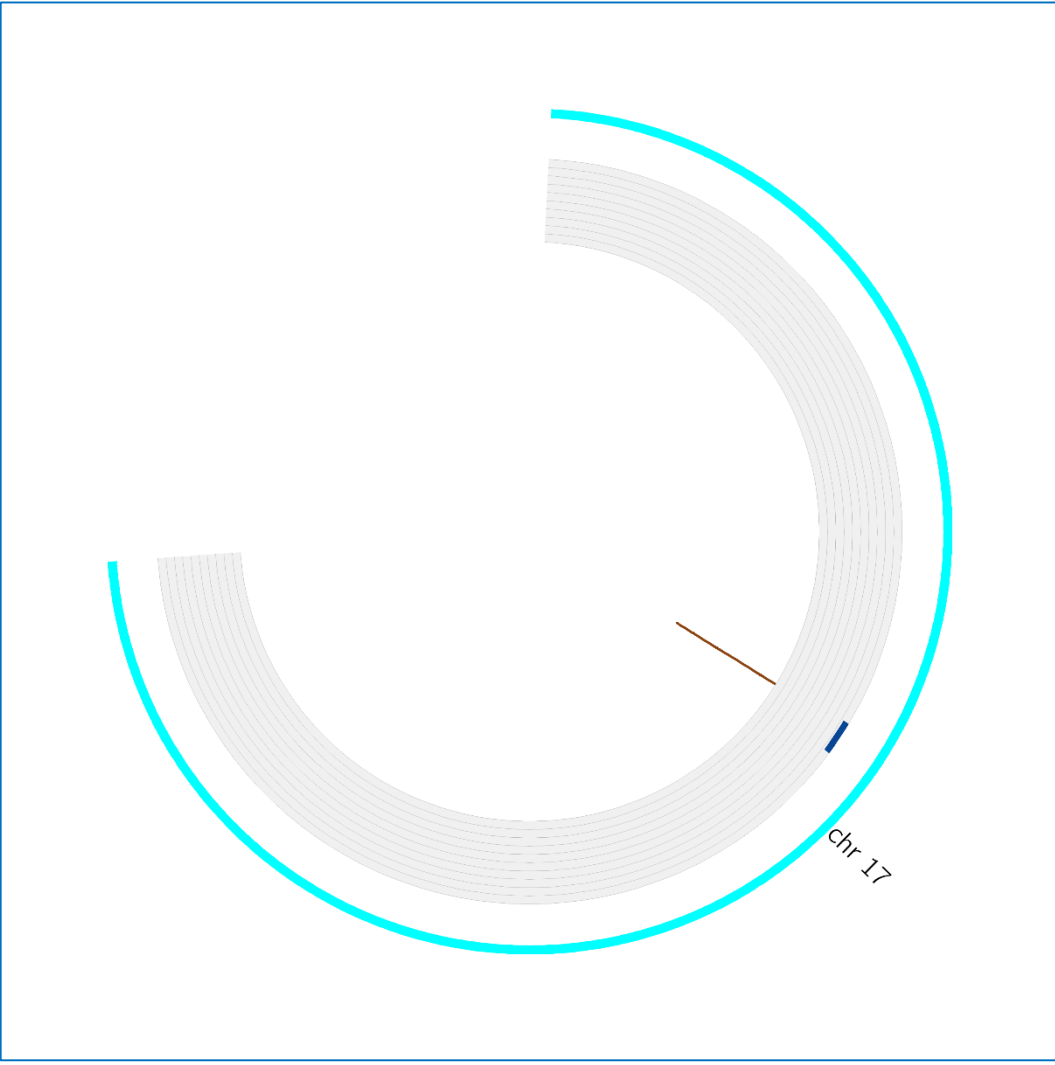


BreakDancer + Control-FREEC

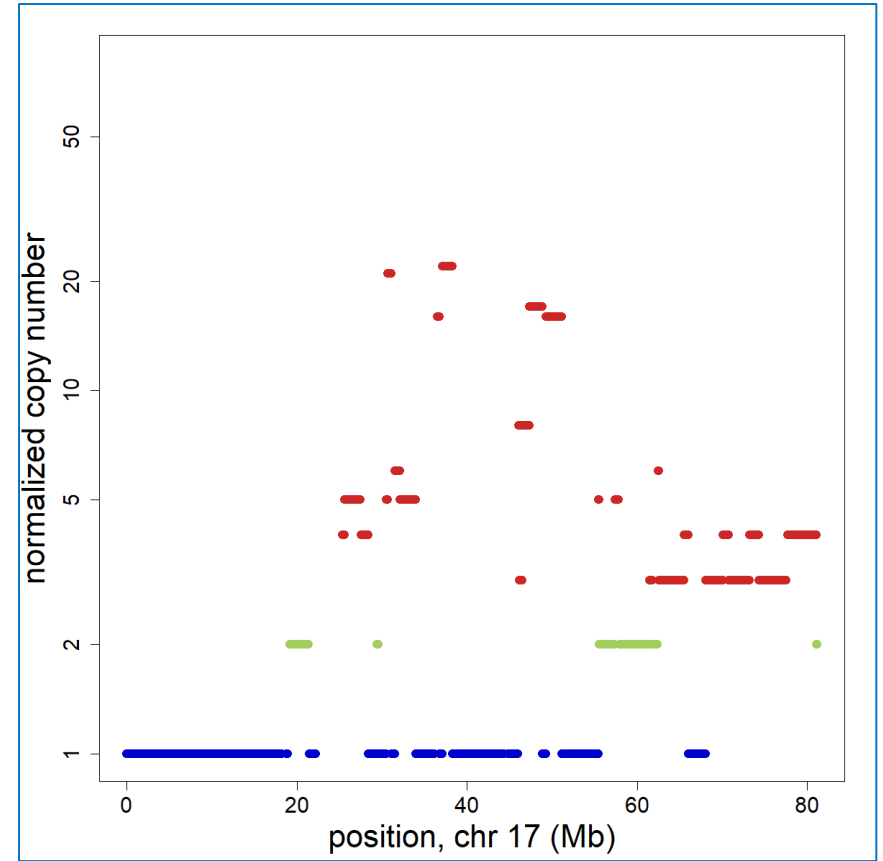
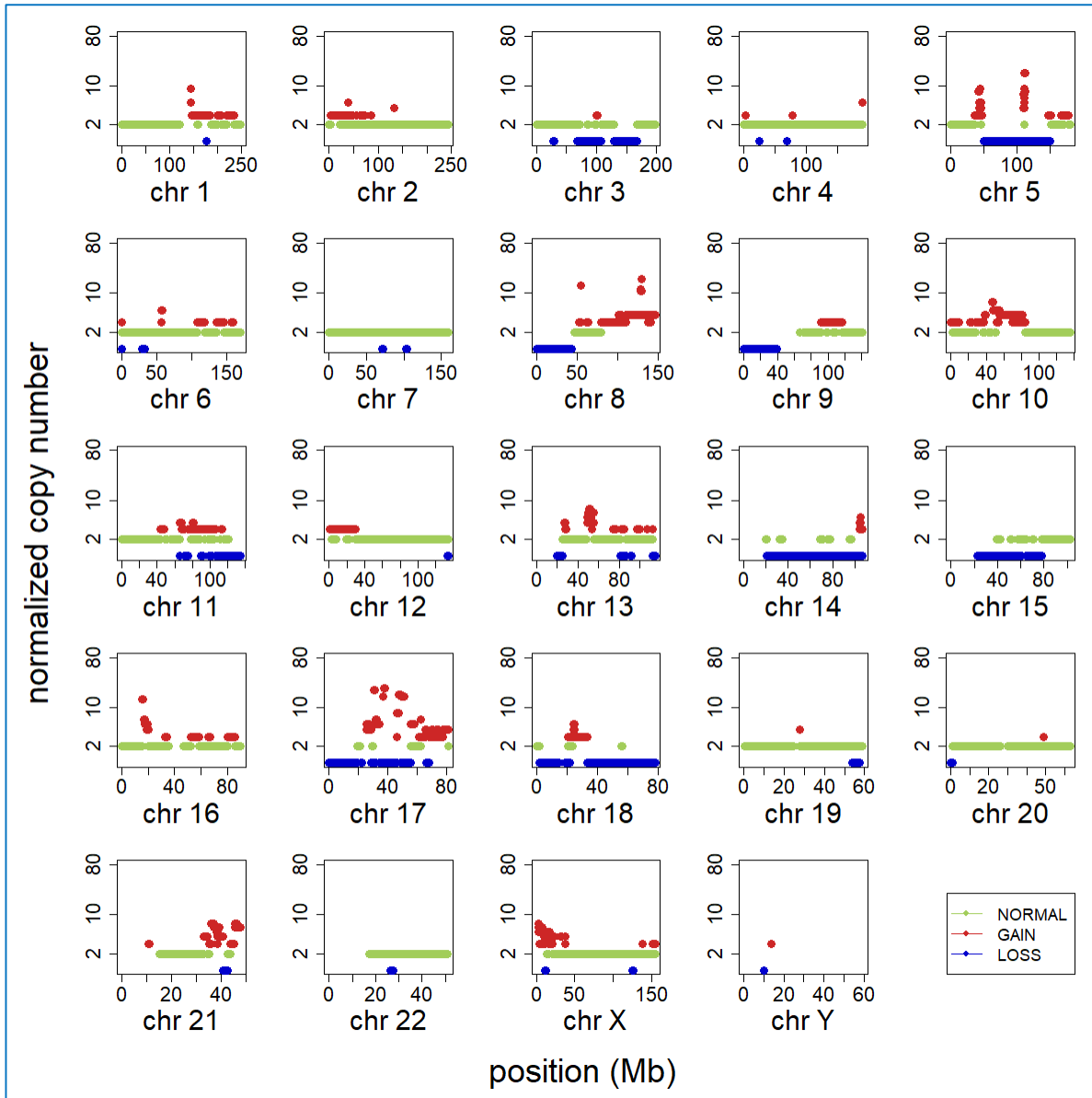


FAST - Whole Genome

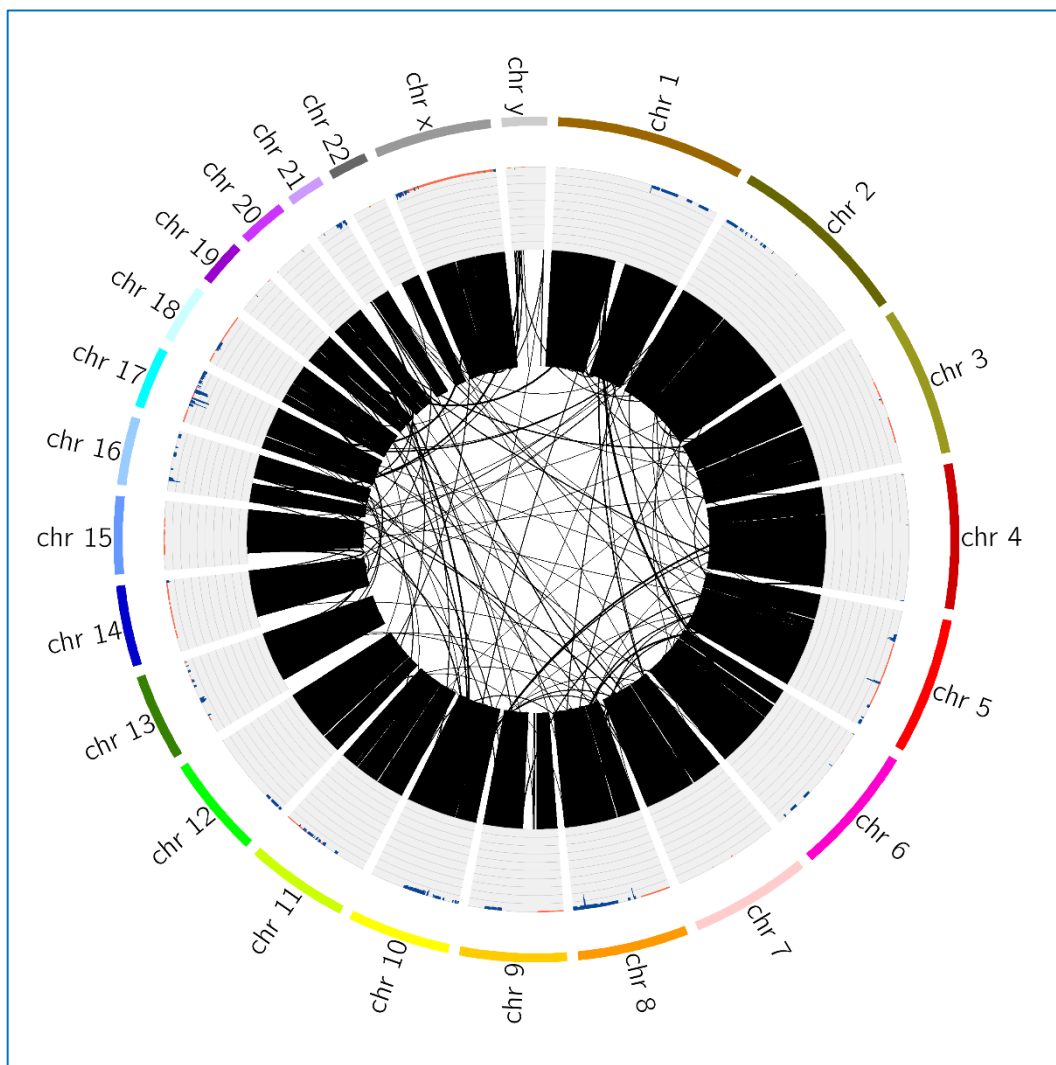
p-214



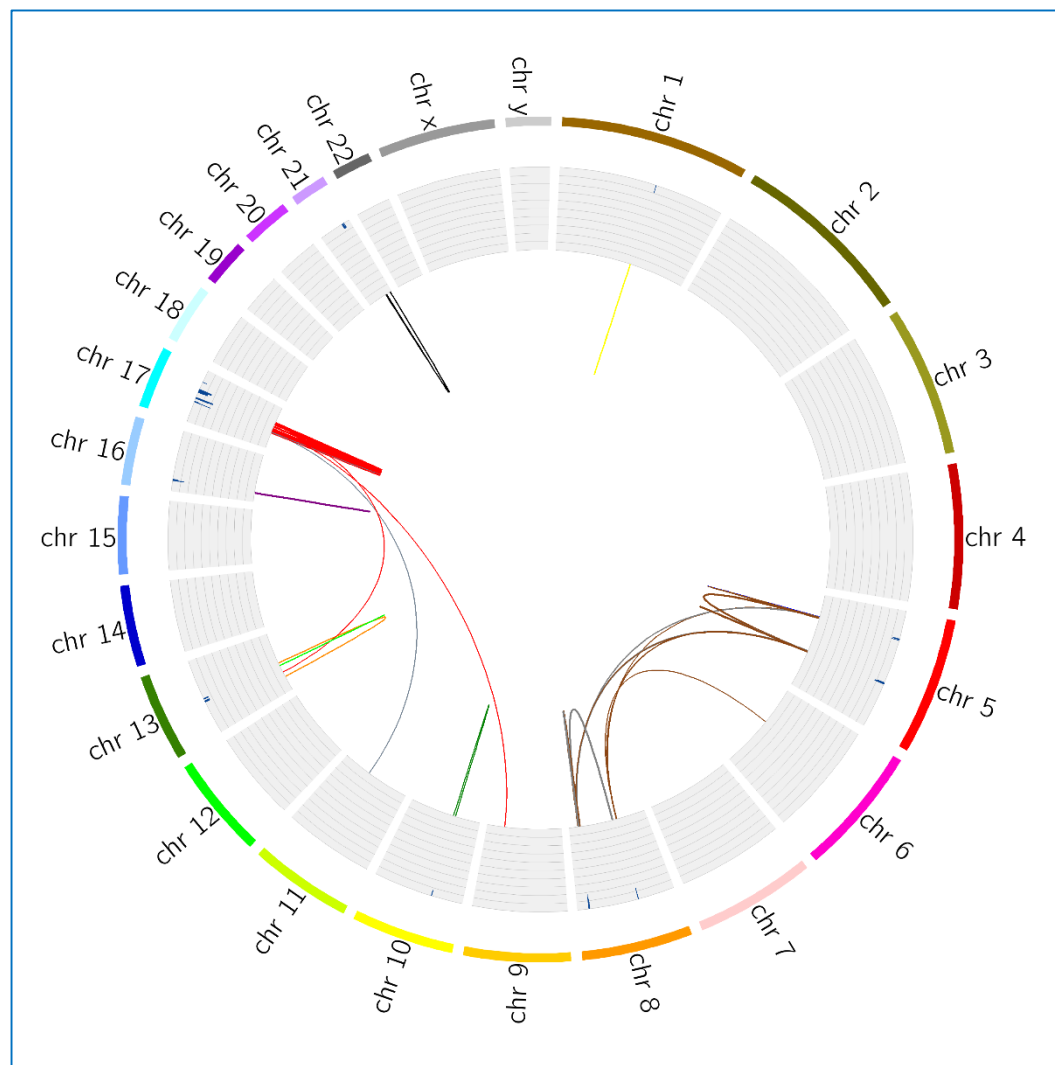
FAST – ERBB2 amplicon



p-215

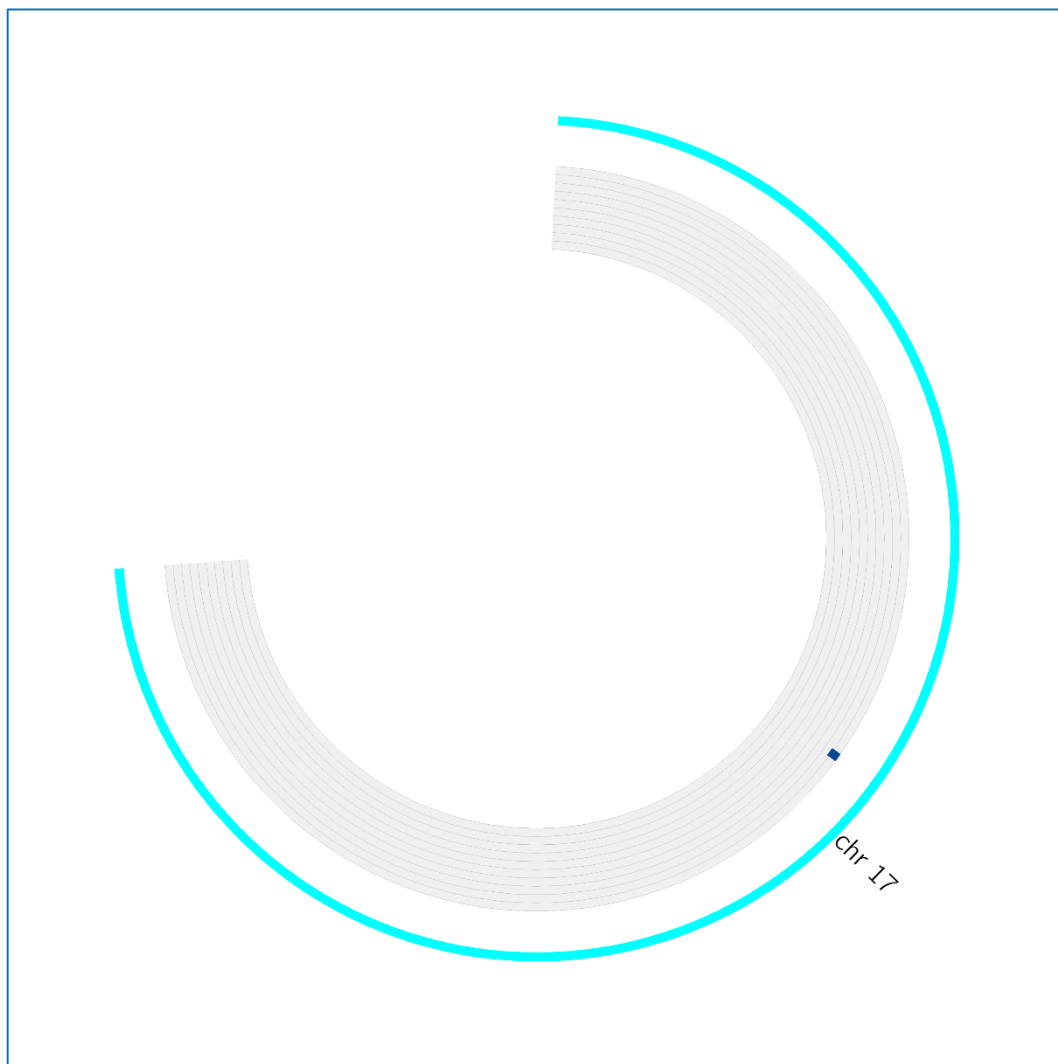


BreakDancer + Control-FREEC



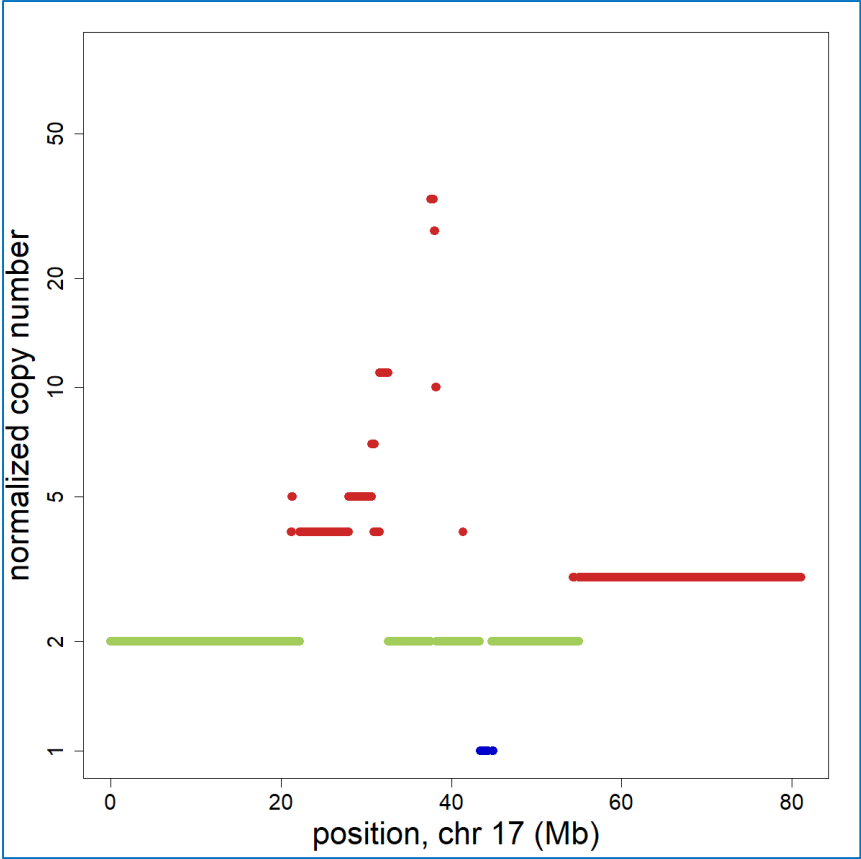
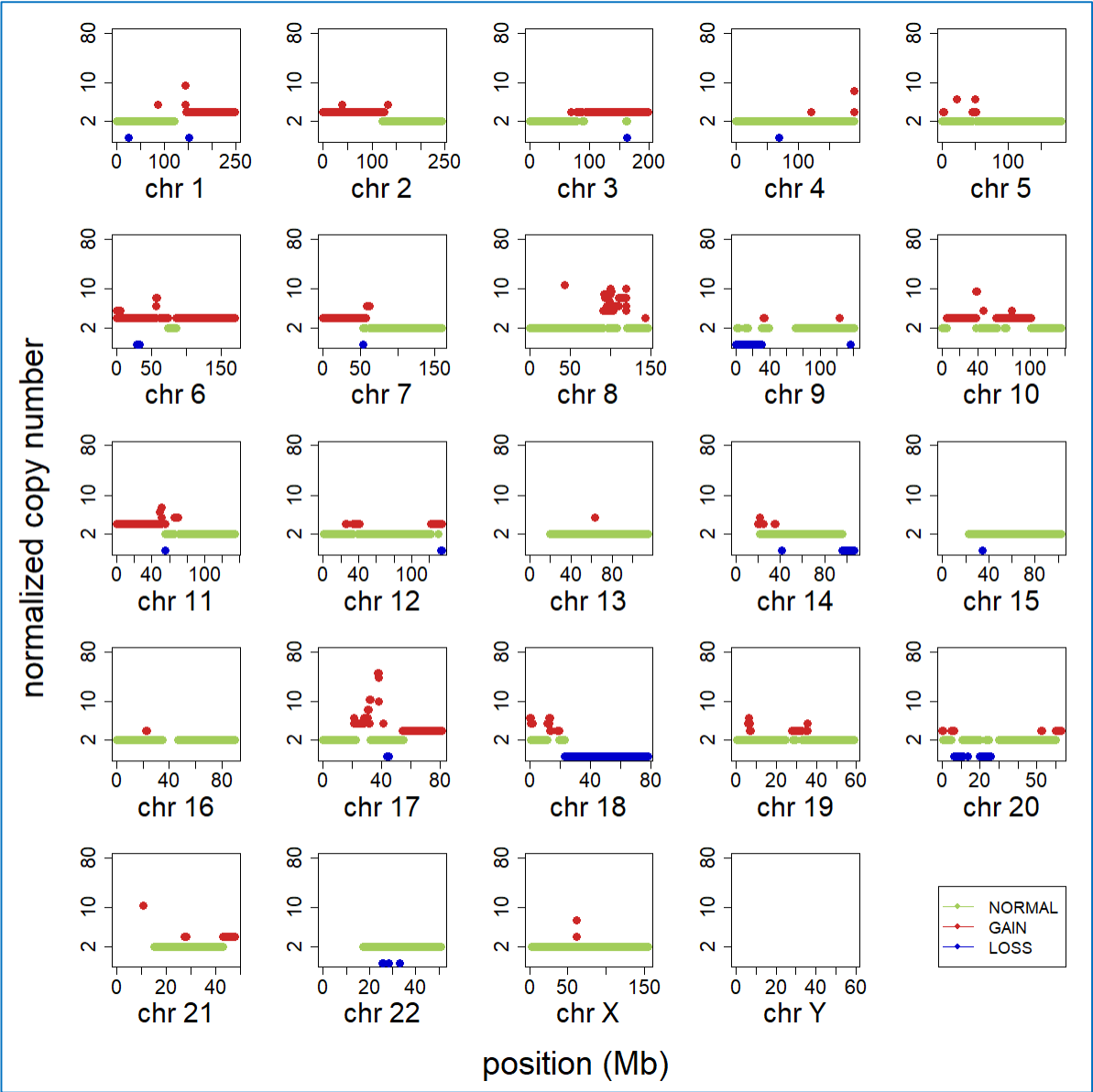
FAST - Whole Genome

p-215



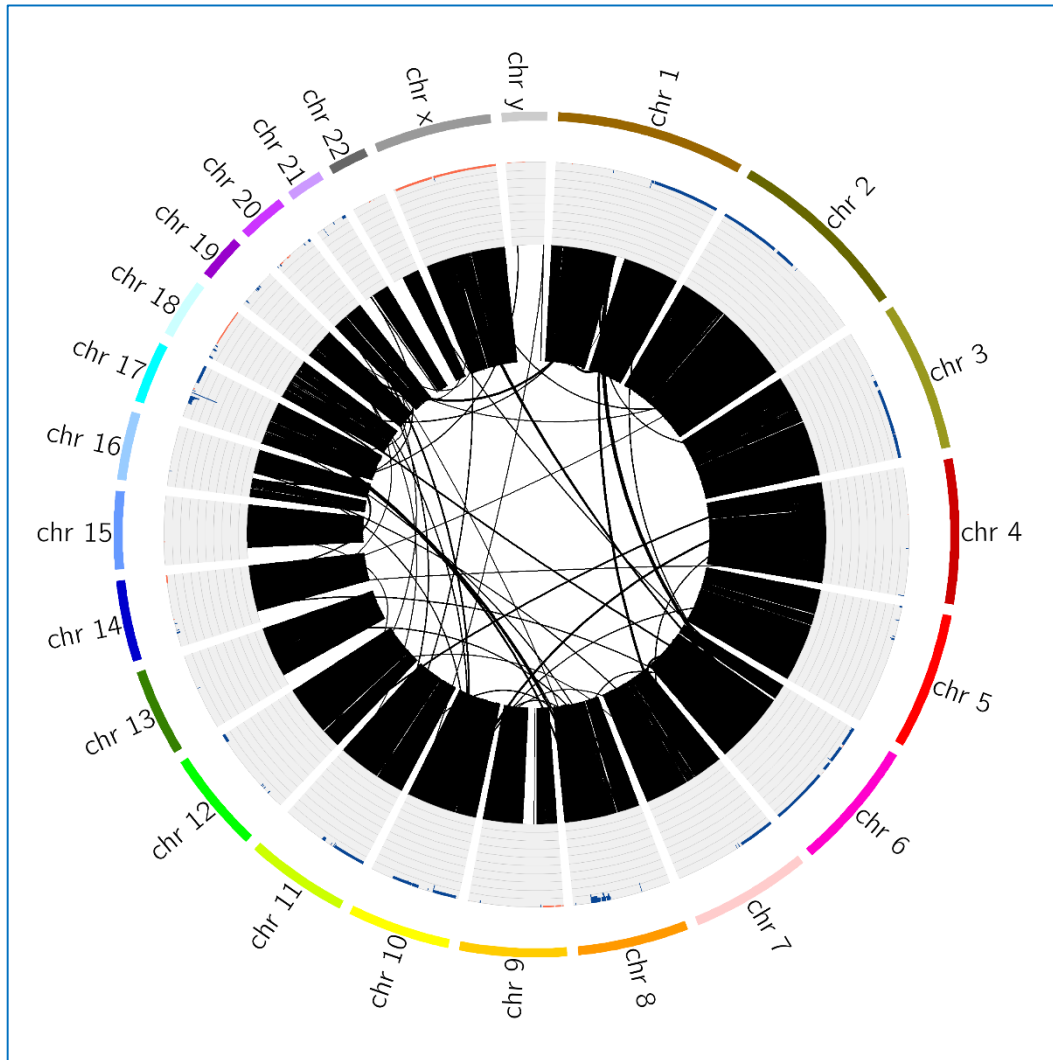
FAST – ERBB2 amplicon

p-216

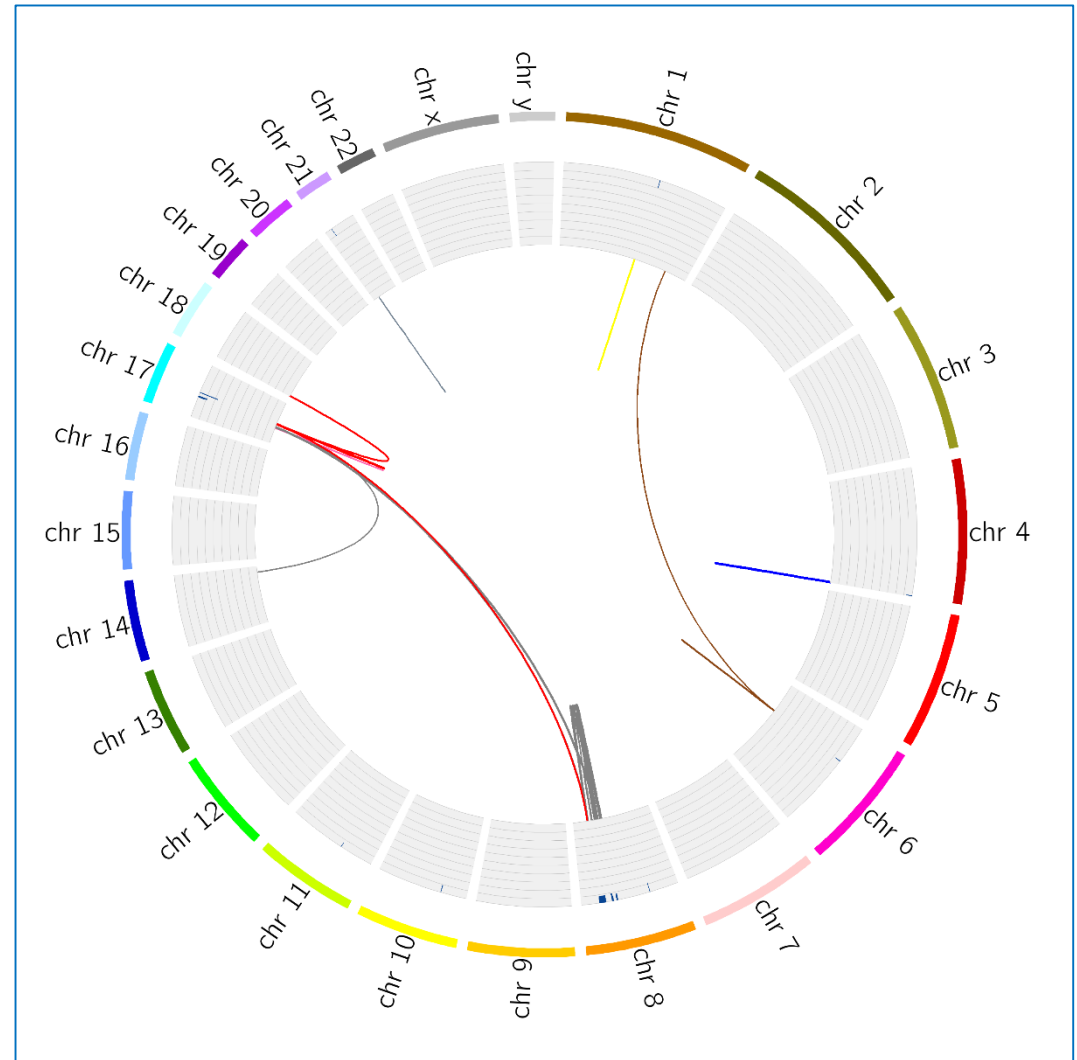


Control-FREEC

p-216

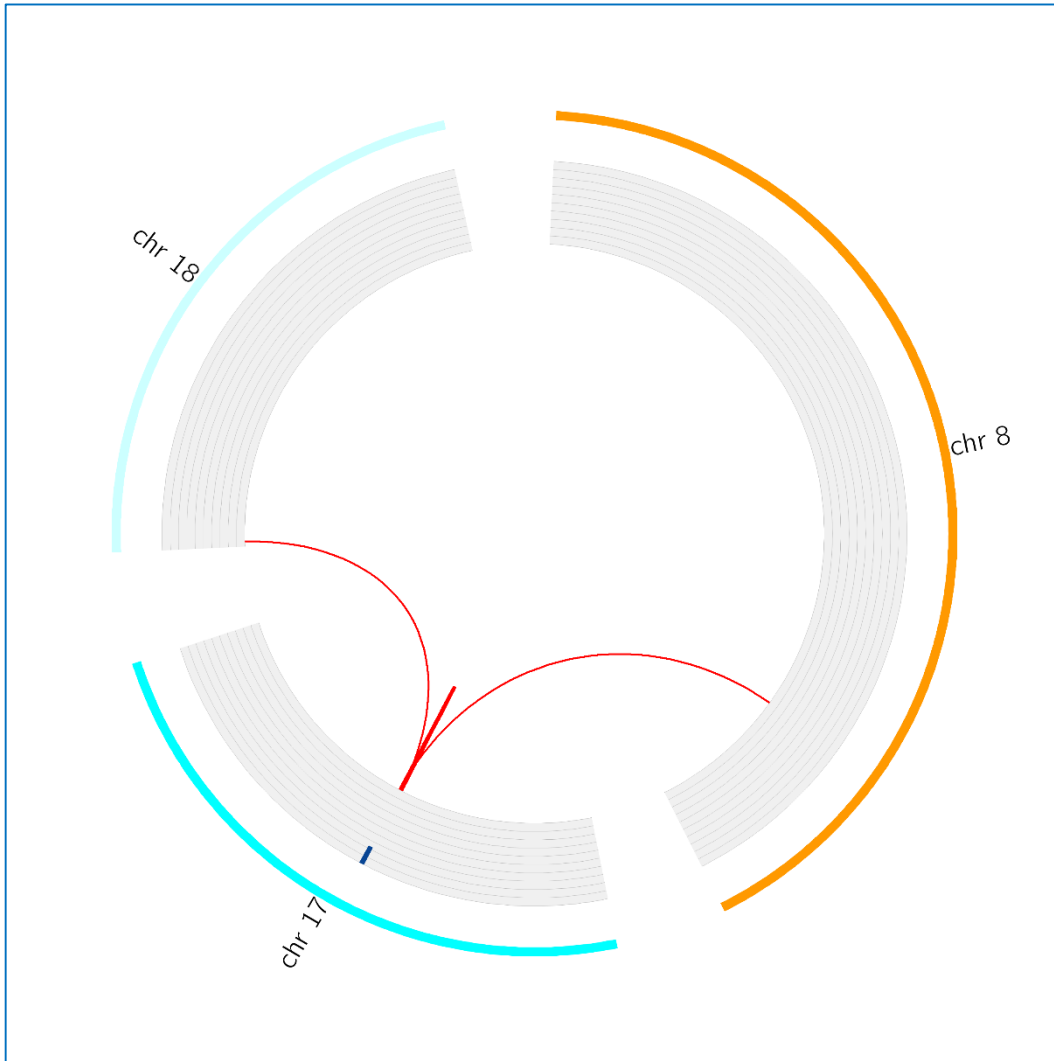


BreakDancer + Control-FREEC



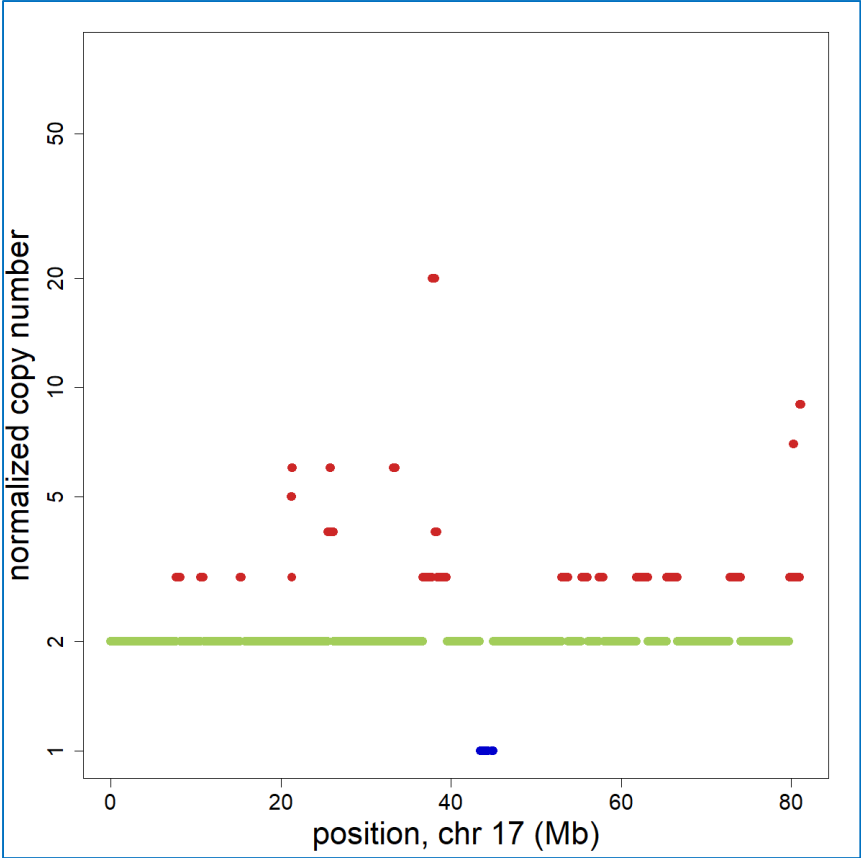
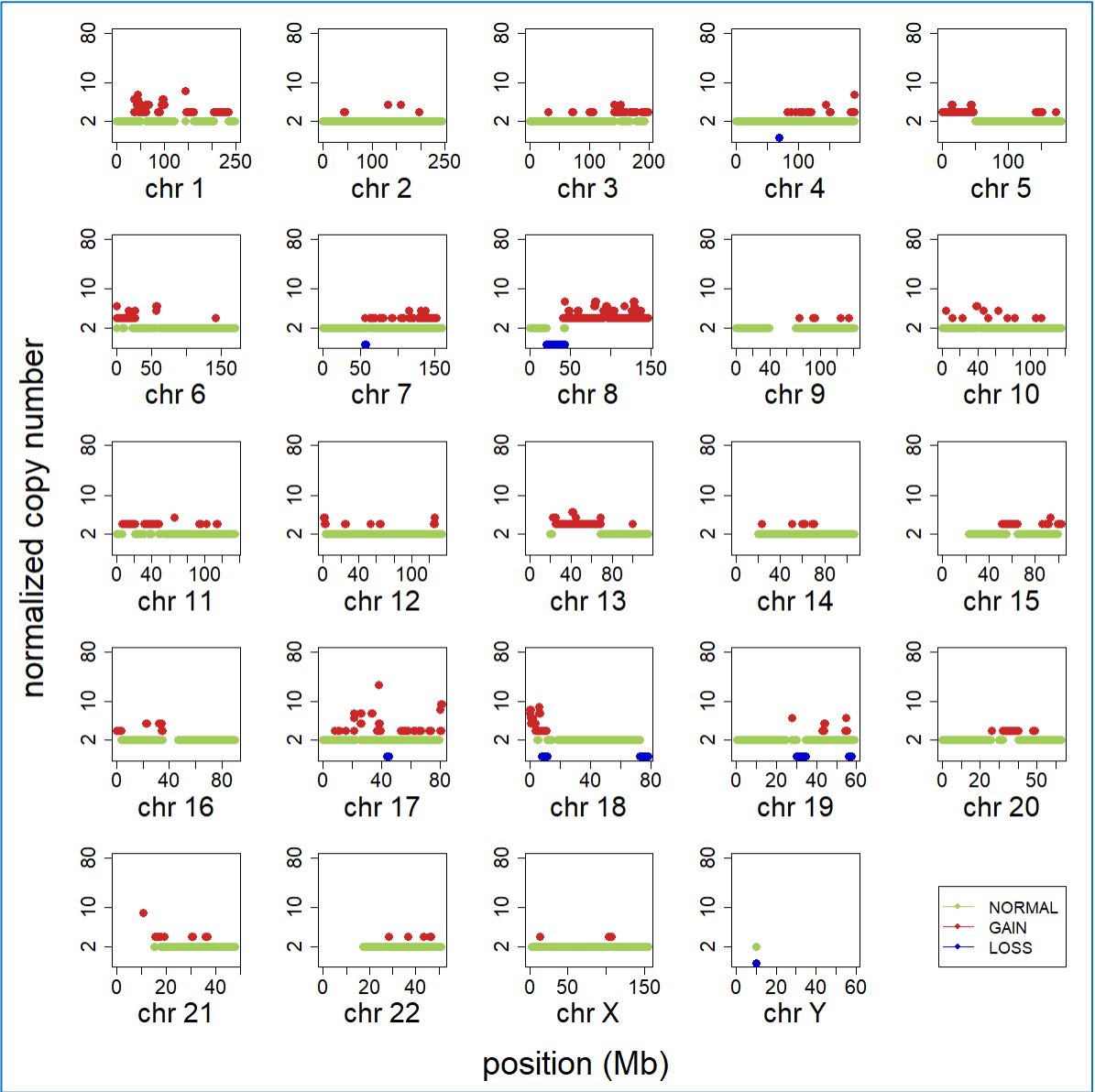
FAST - Whole Genome

p-216



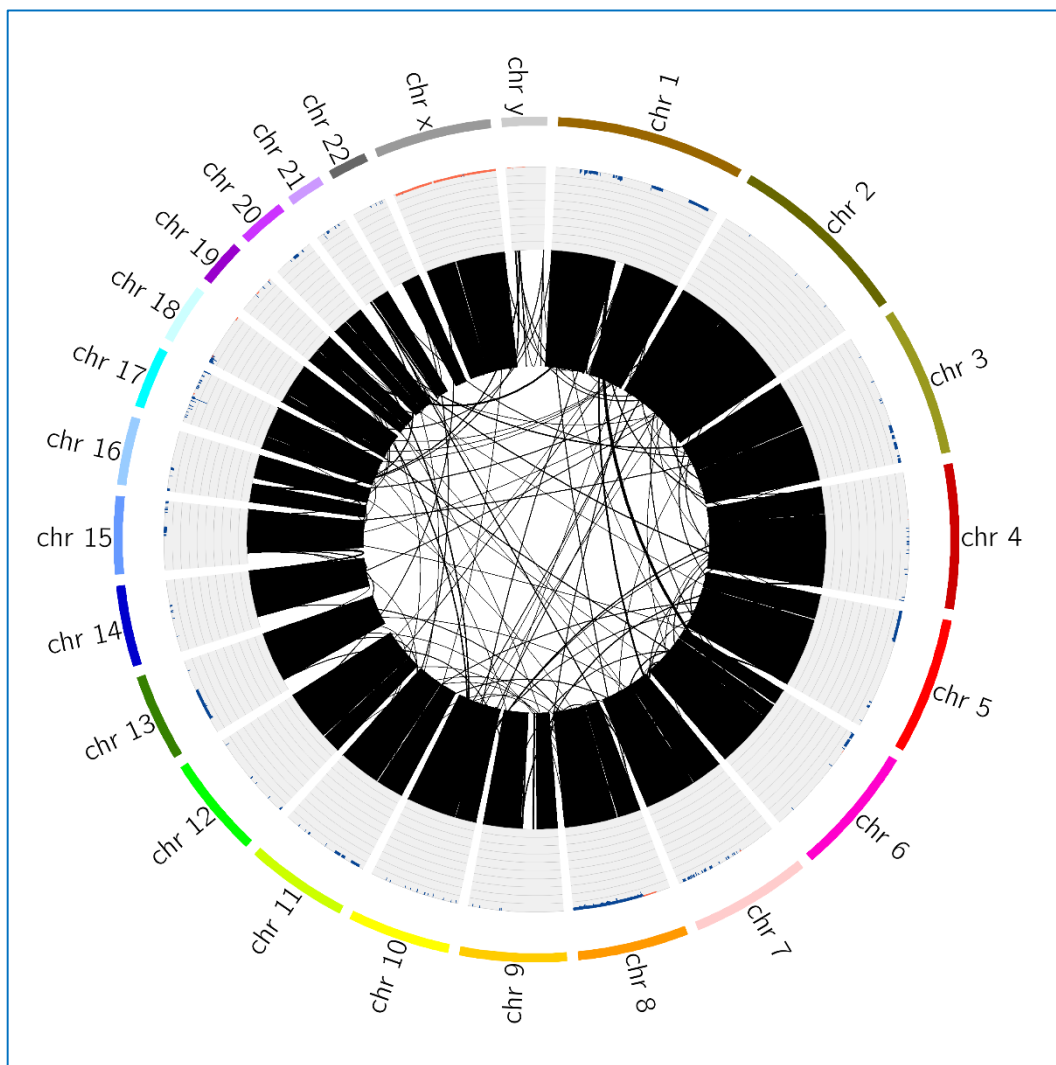
FAST – ERBB2 amplicon

p-217

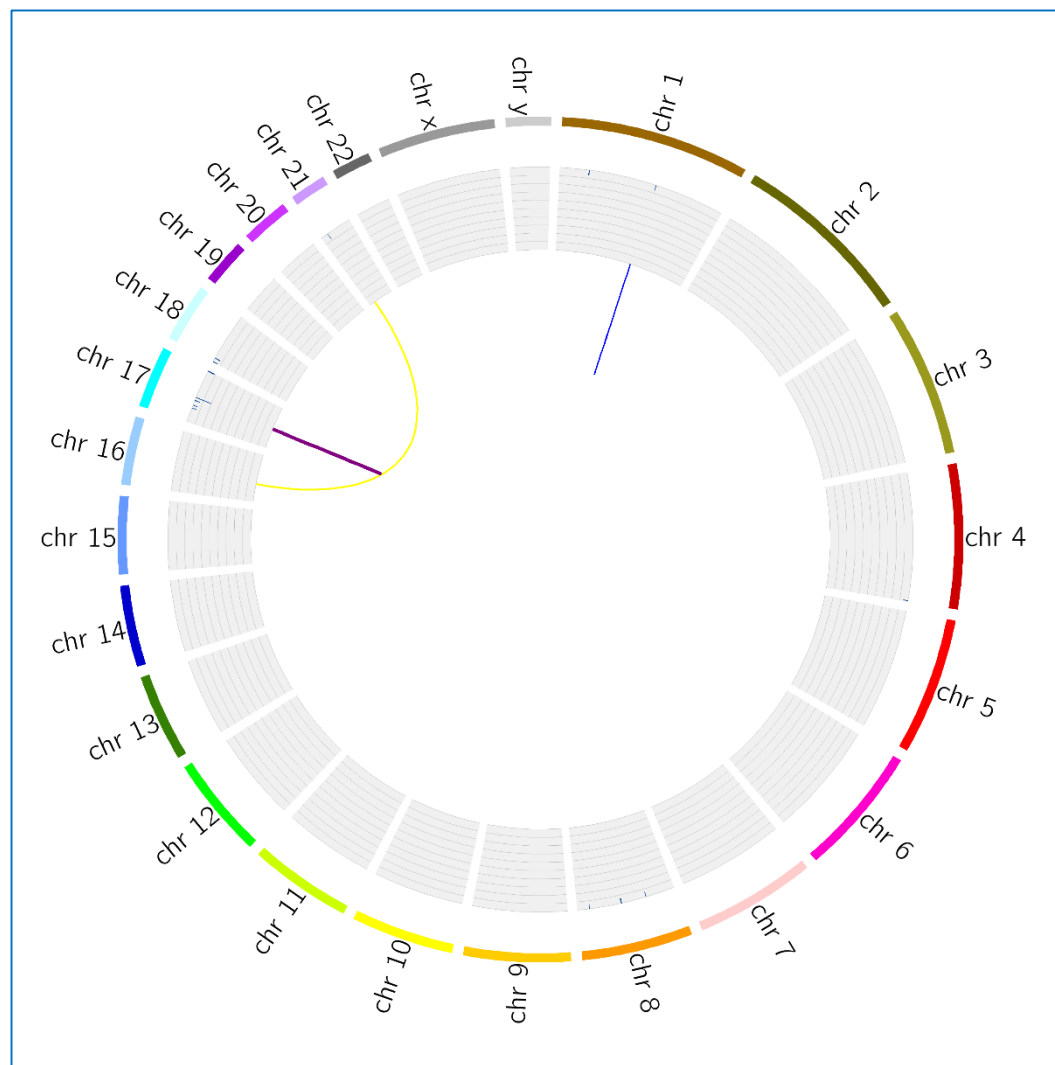


Control-FREEC

p-217

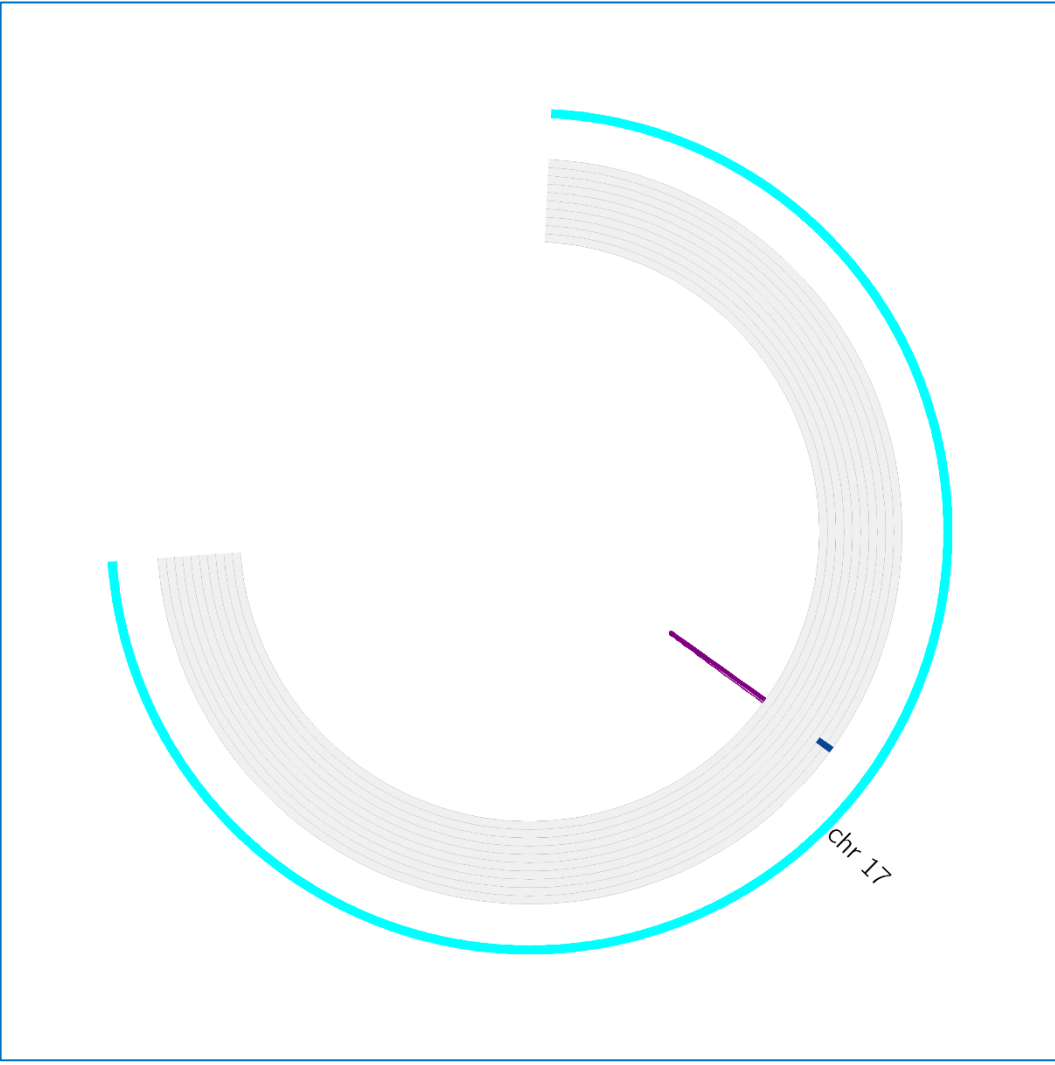


BreakDancer + Control-FREEC



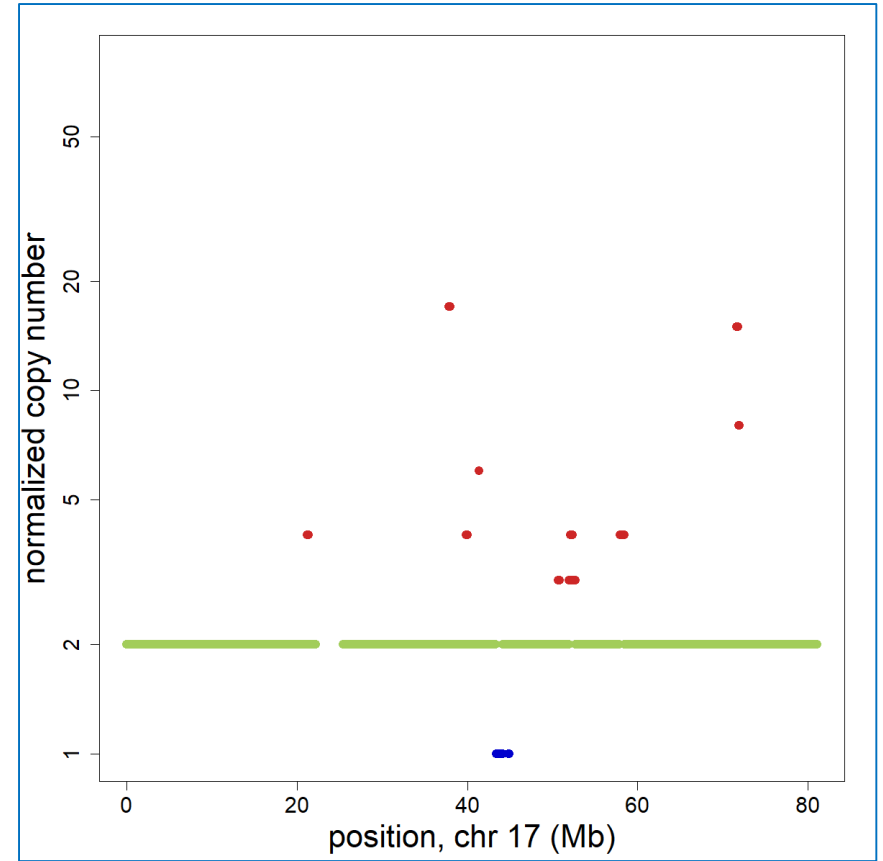
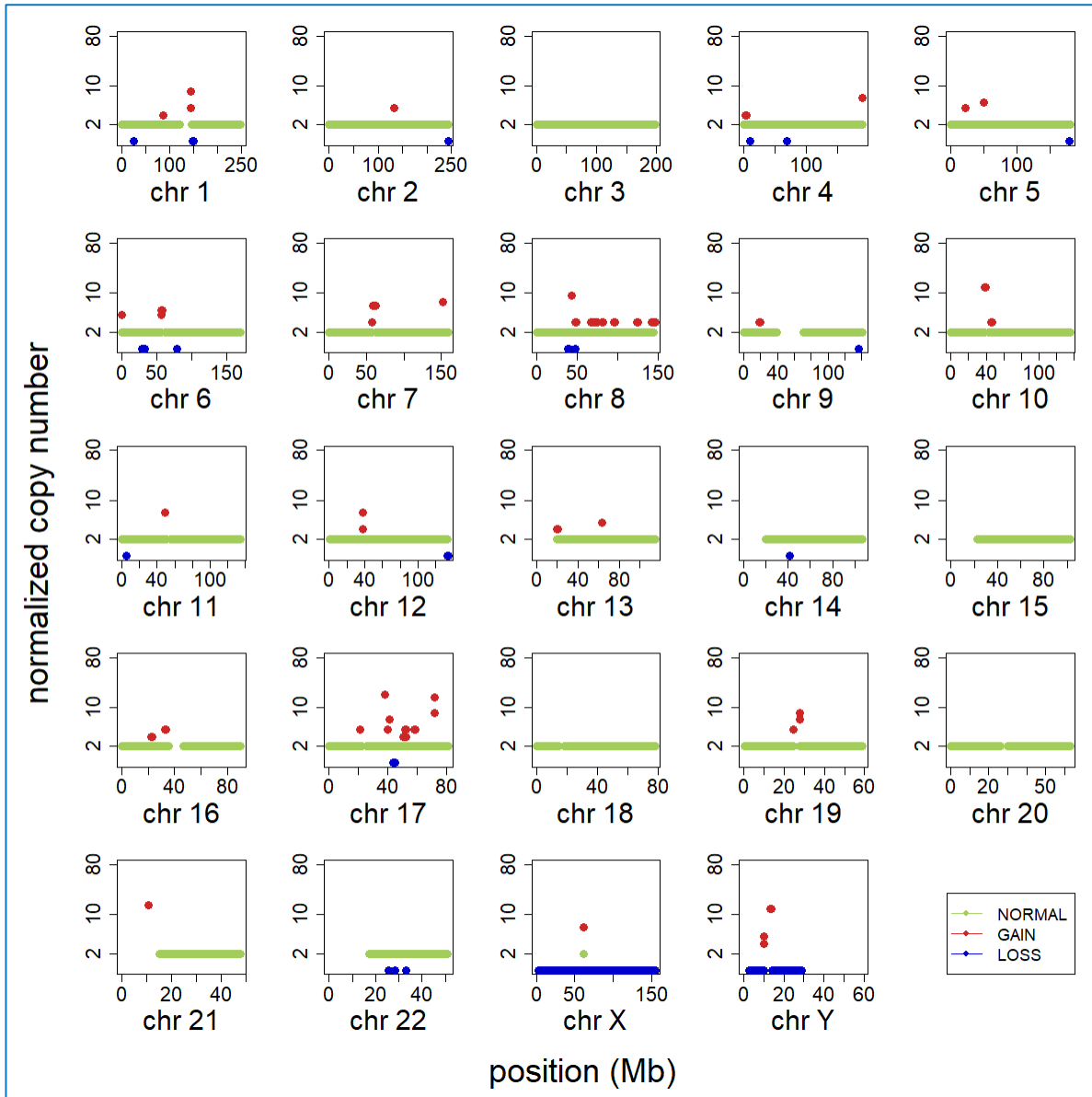
FAST - Whole Genome

p-217



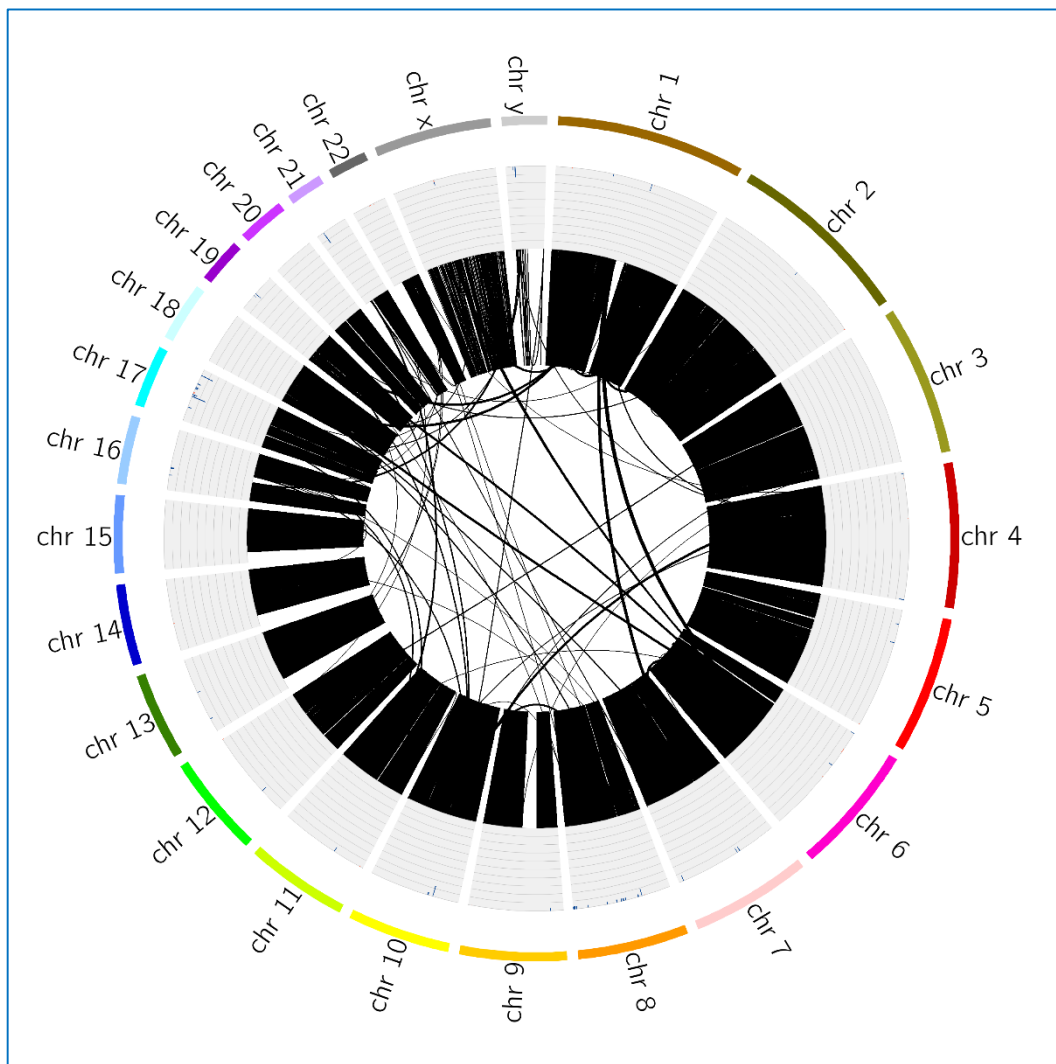
FAST – ERBB2 amplicon

p-218

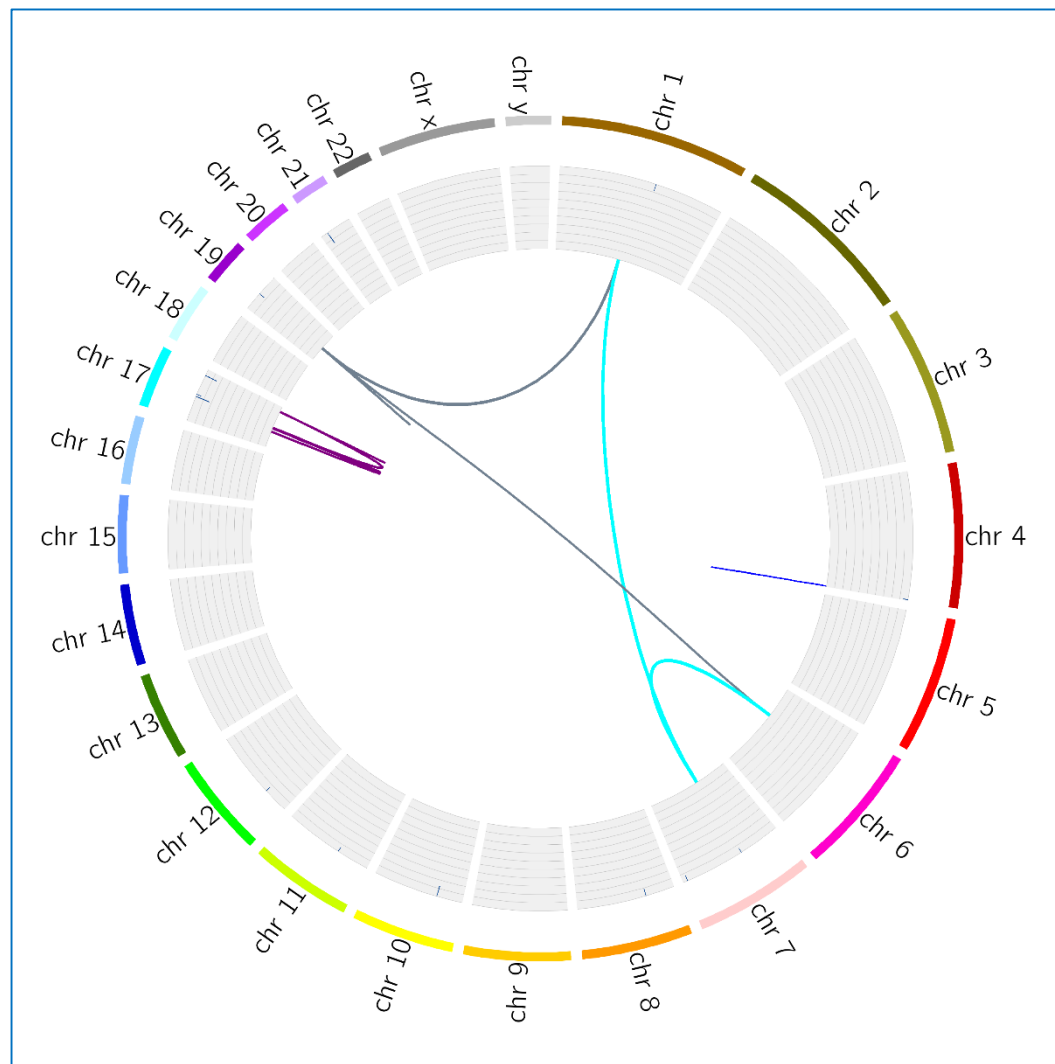


Control-FREEC

p-218

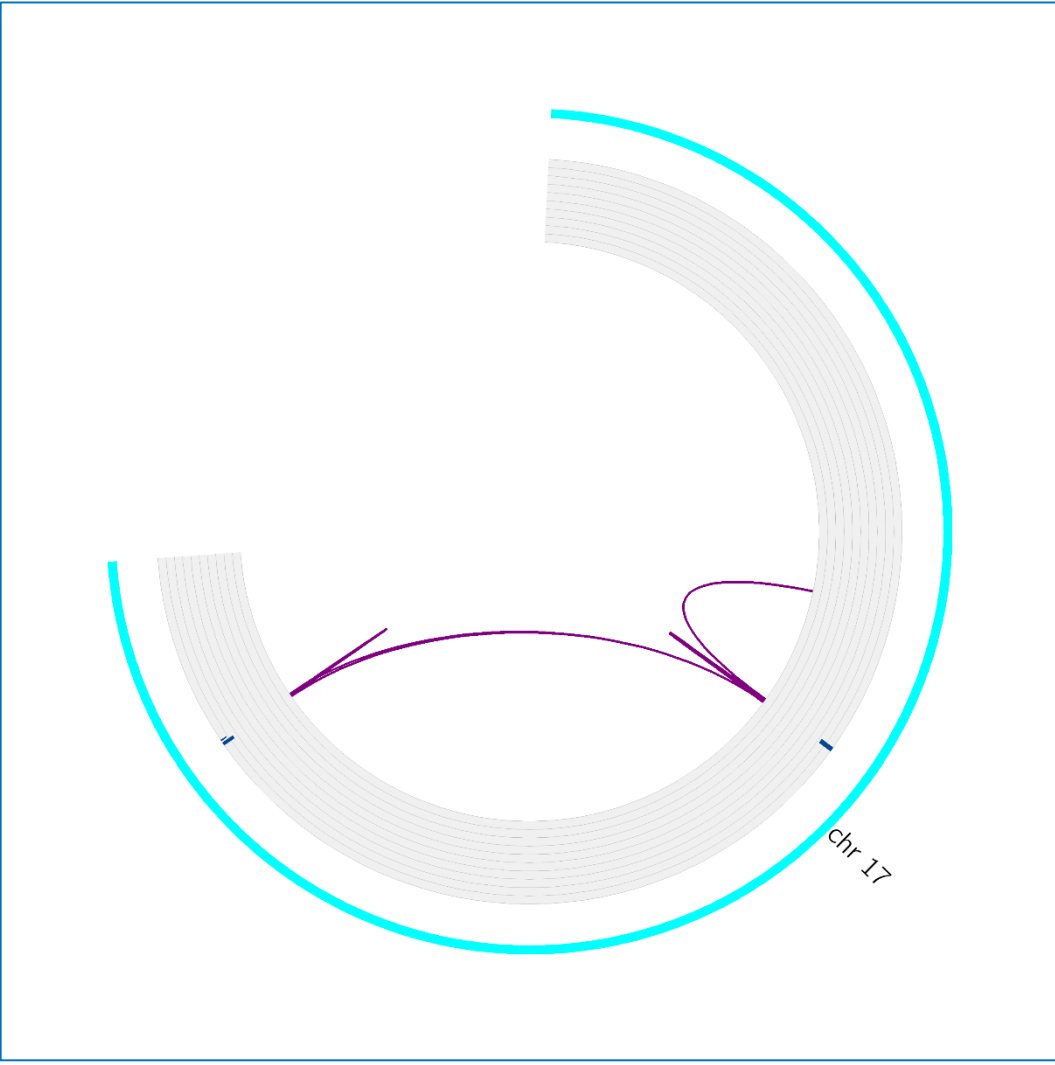


BreakDancer + Control-FREEC



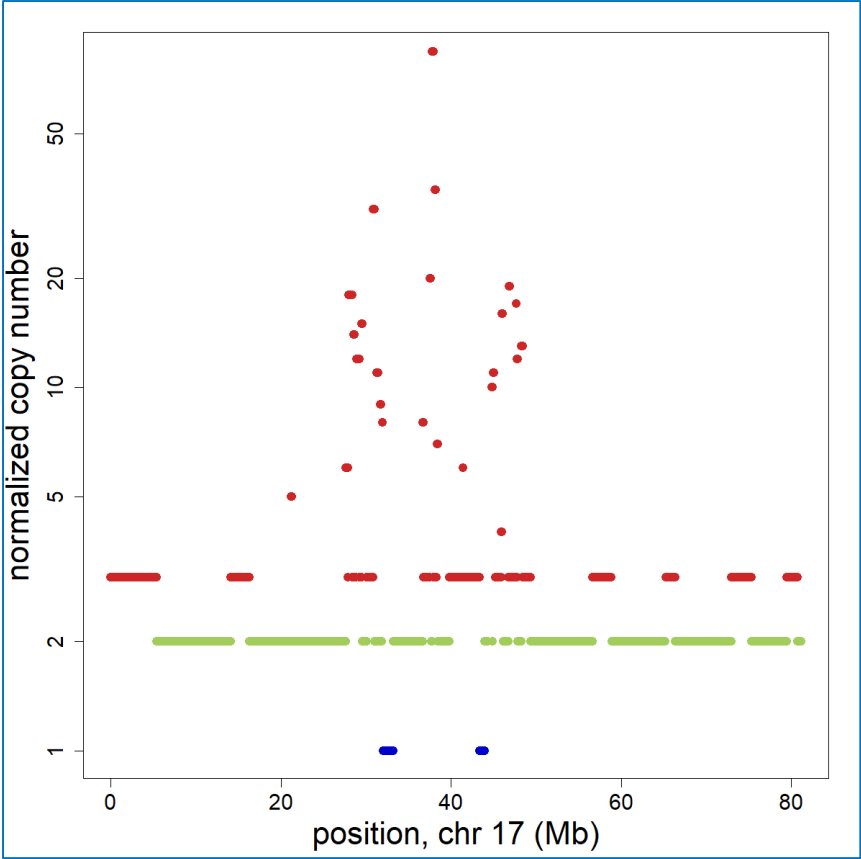
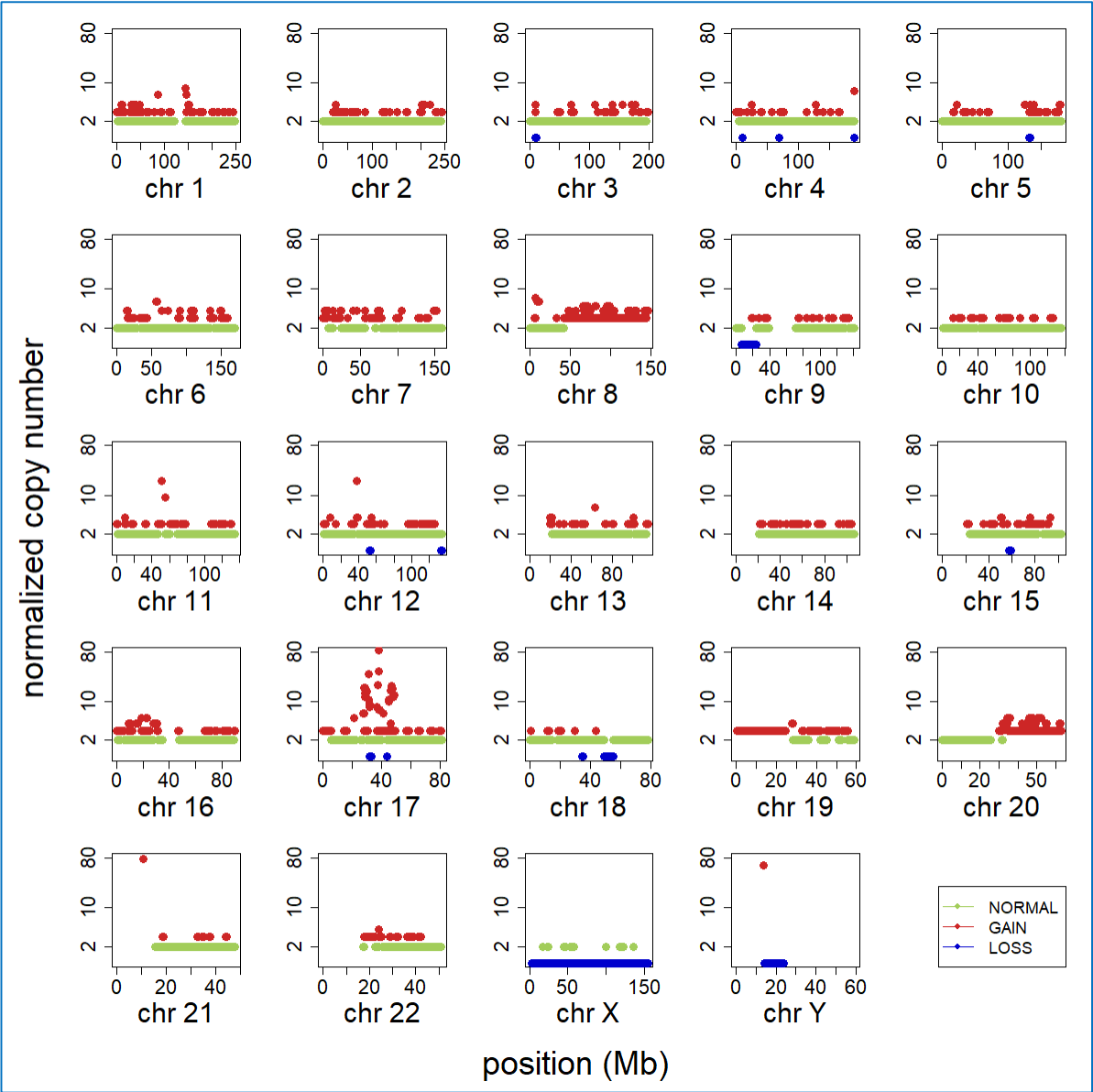
FAST – Whole Genome

p-218



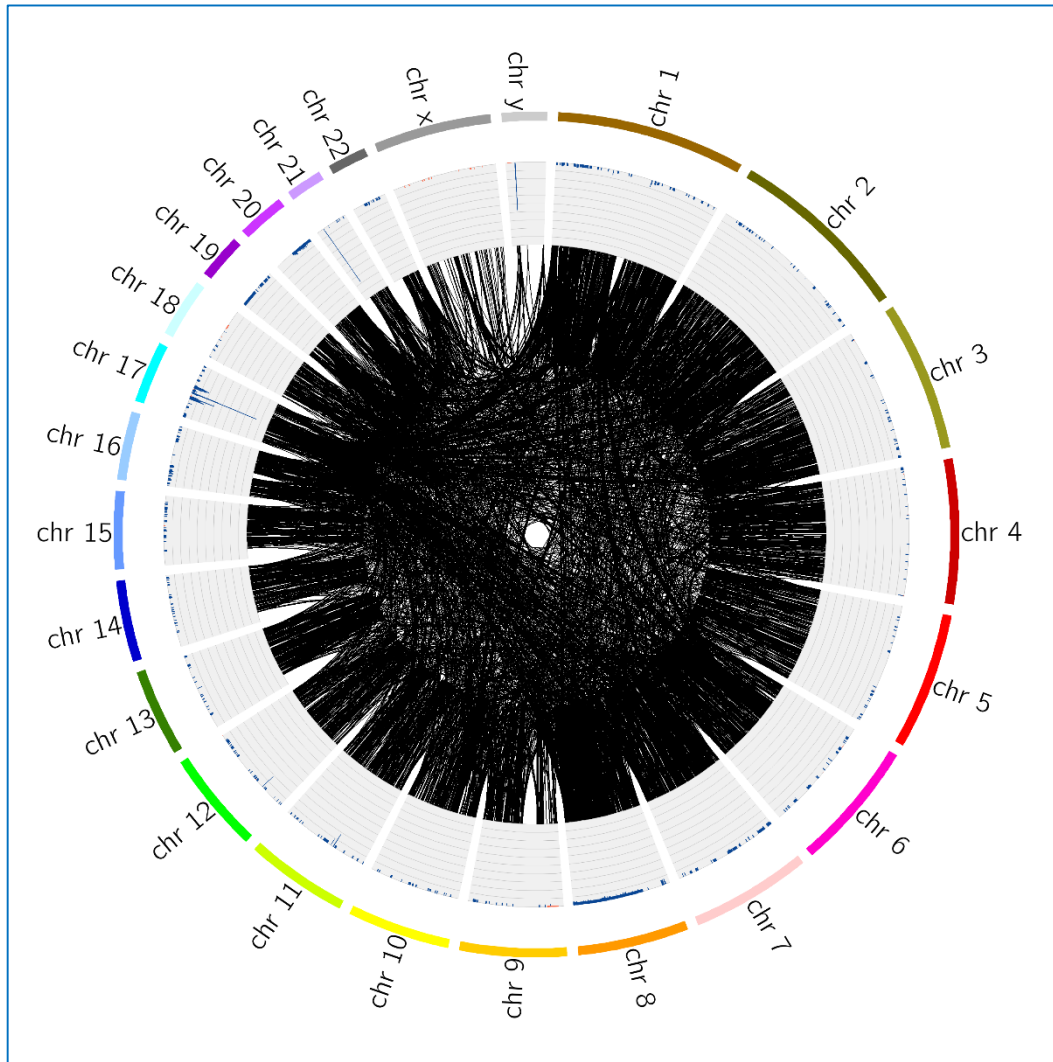
FAST – ERBB2 amplicon

p-6890

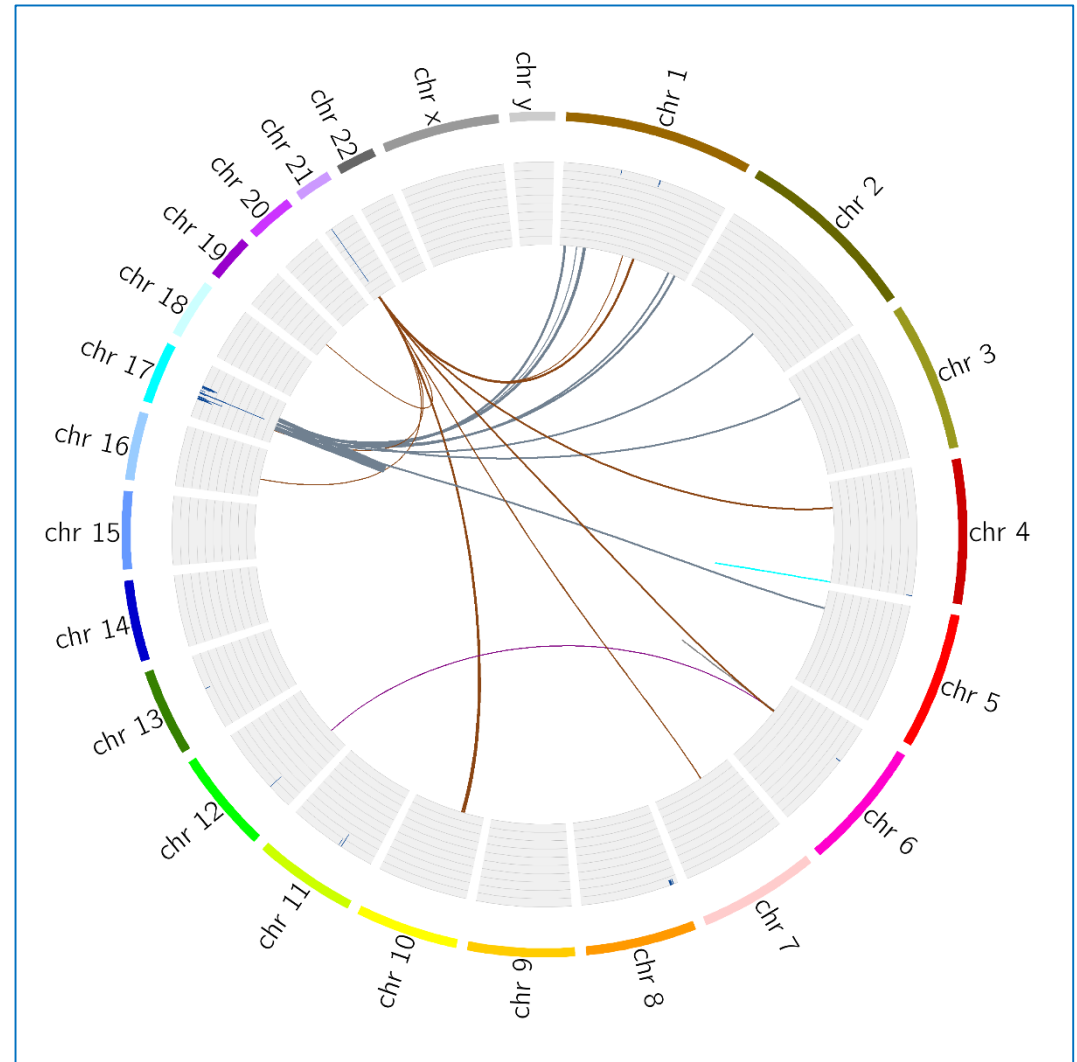


Control-FREEC

p-6890

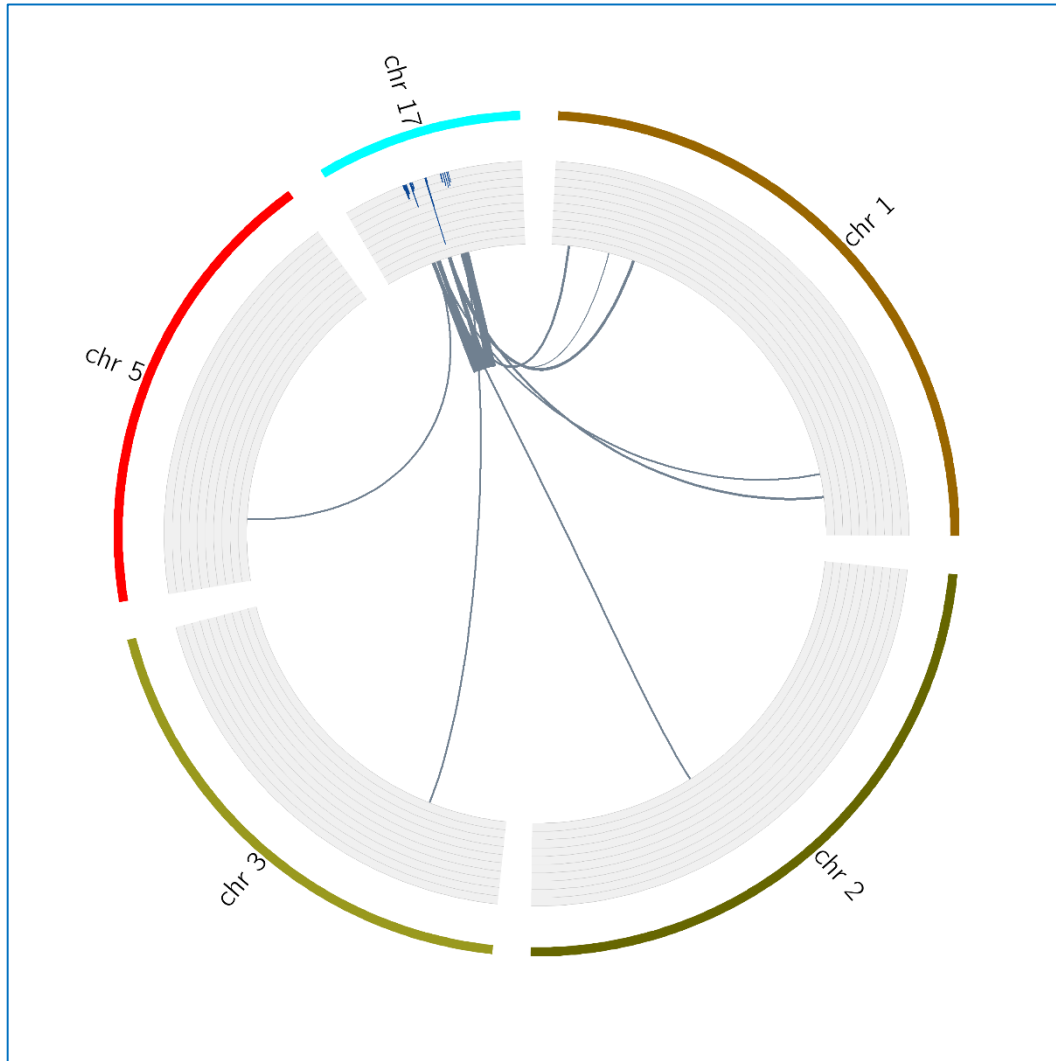


BreakDancer + Control-FREEC



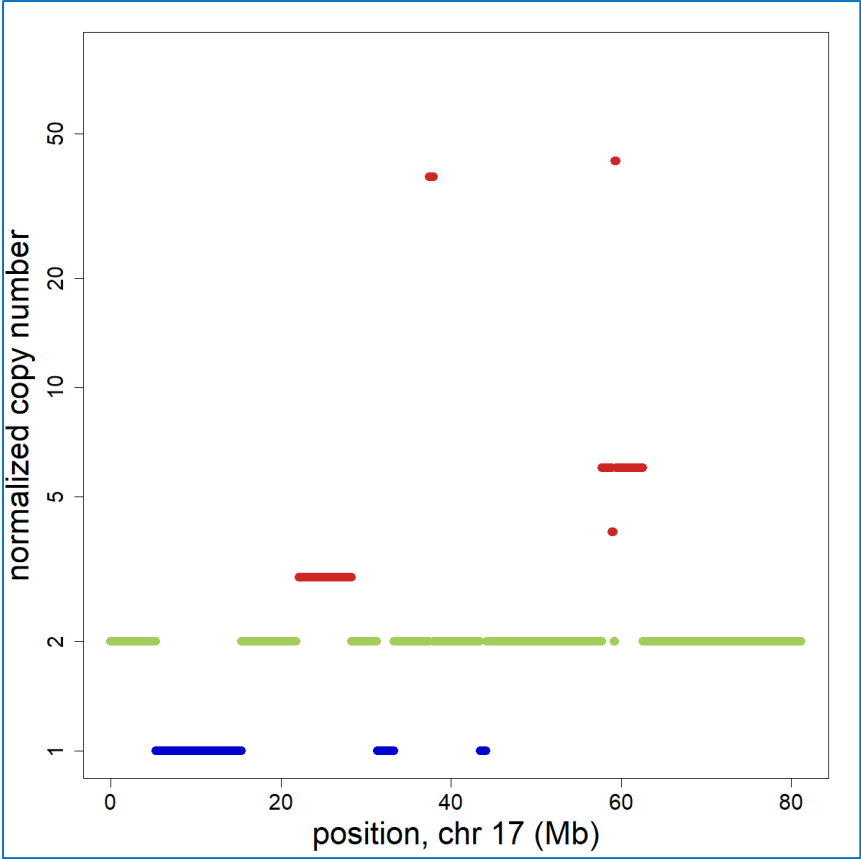
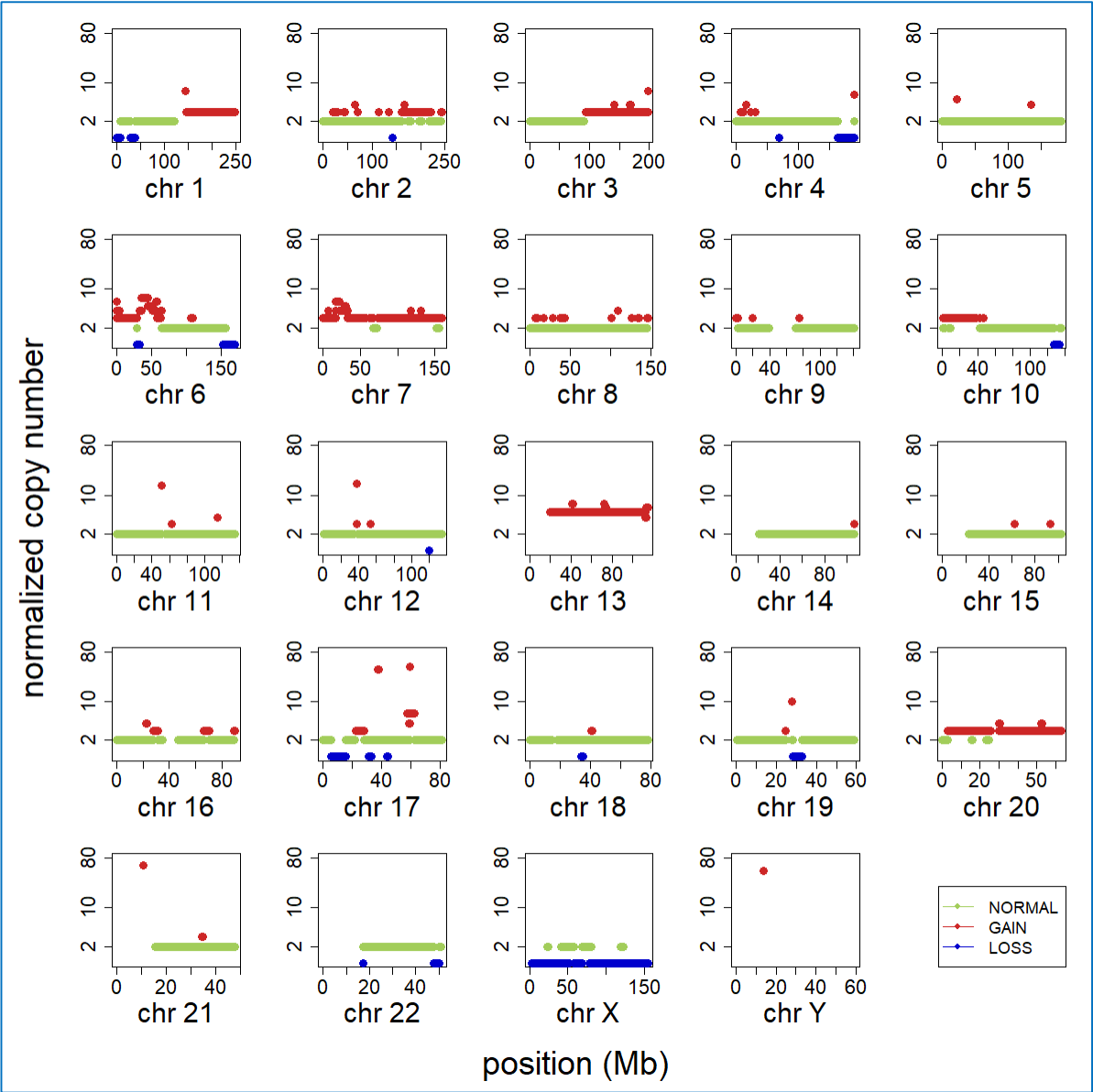
FAST - Whole Genome

p-6890



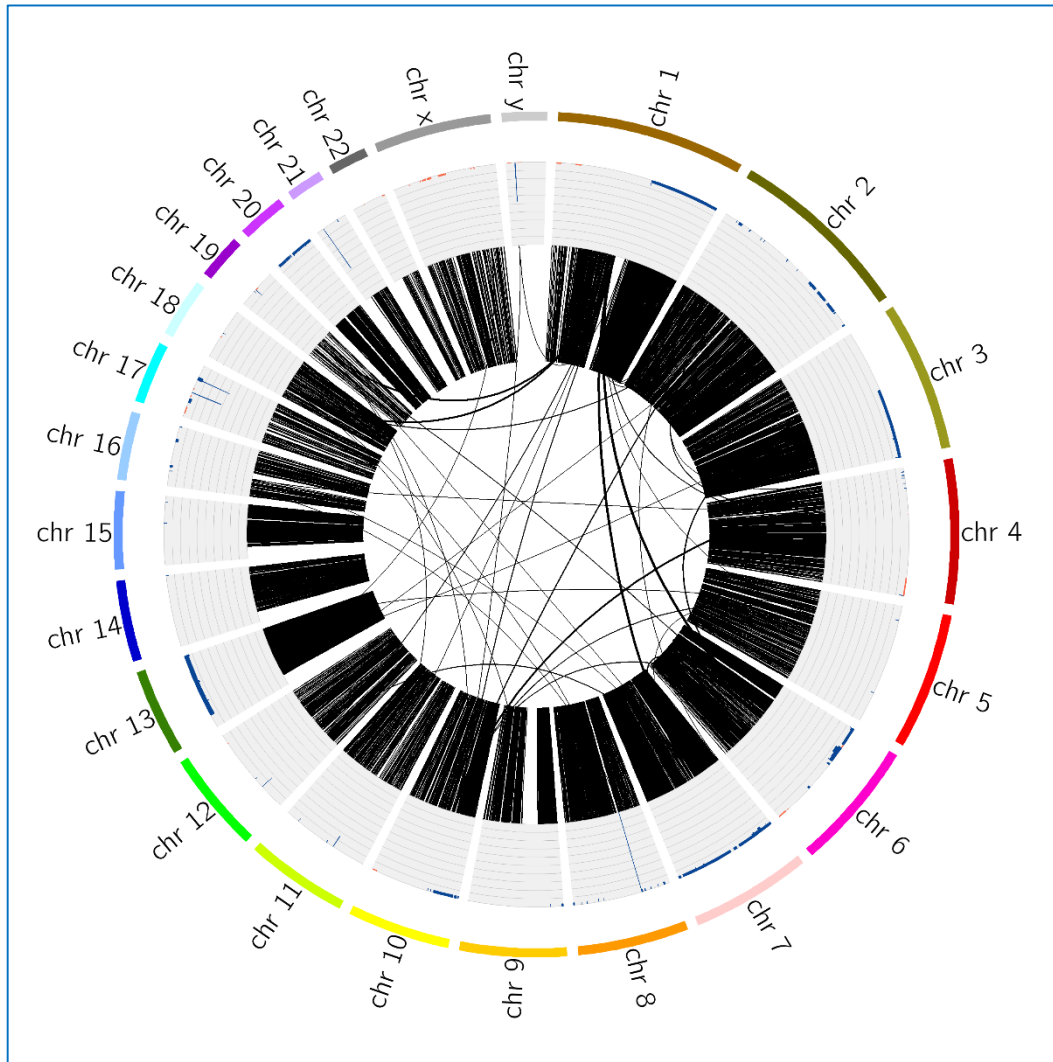
FAST – ERBB2 amplicon

p-8191

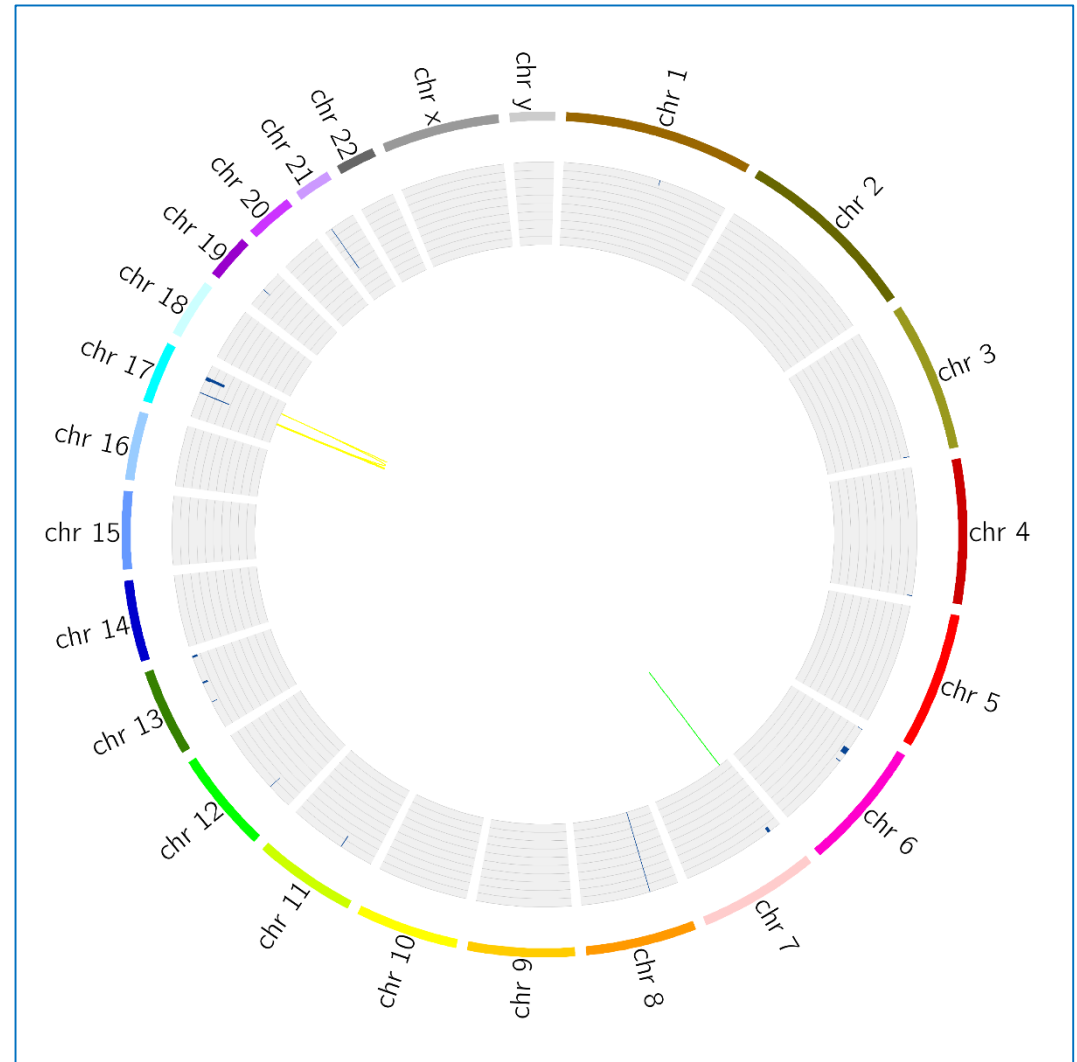


Control-FREEC

p-8191

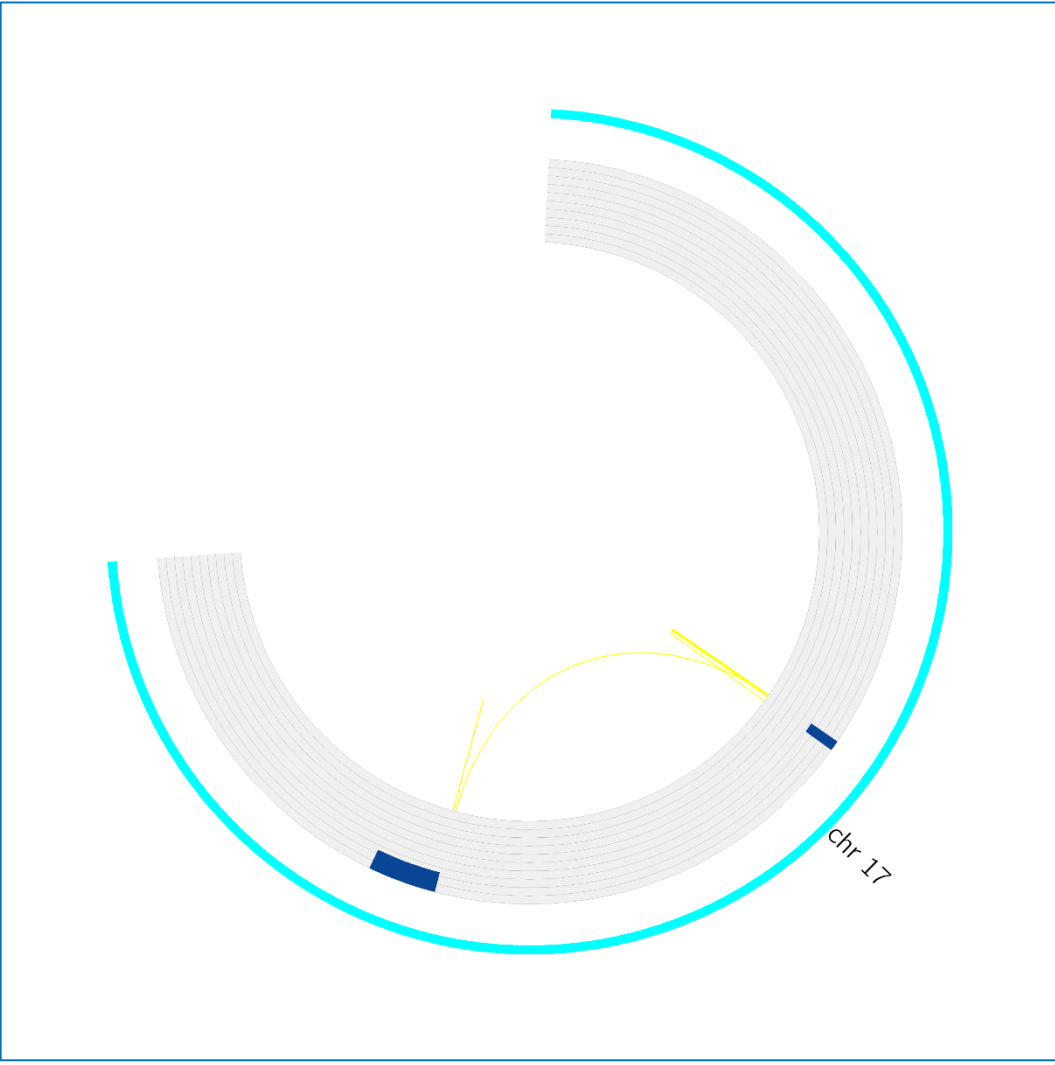


BreakDancer + Control-FREEC

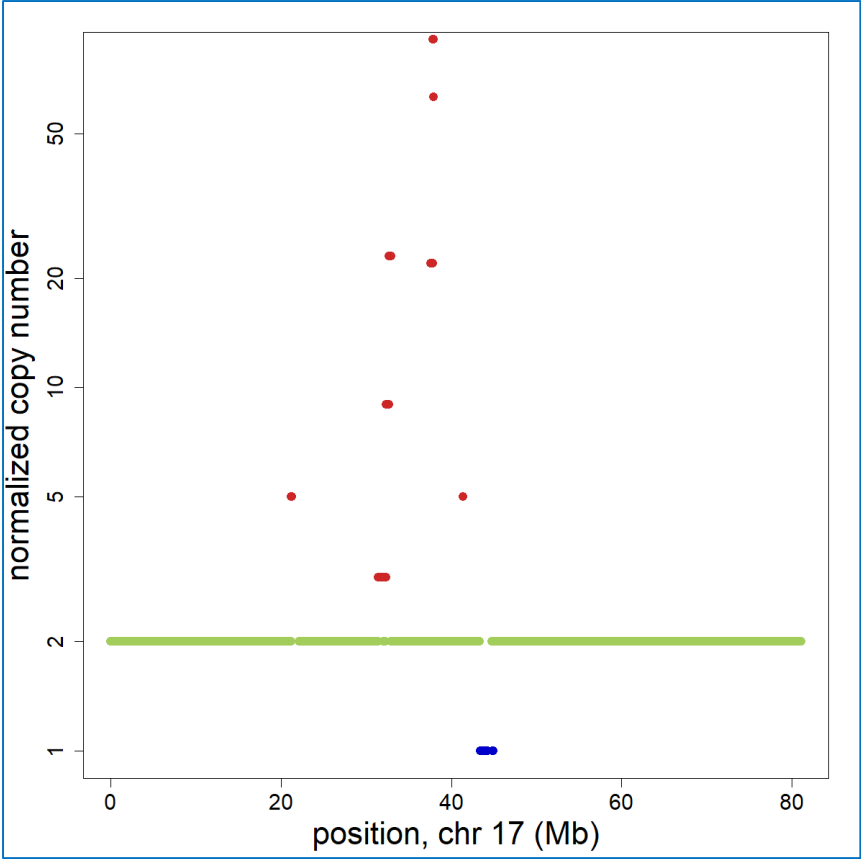
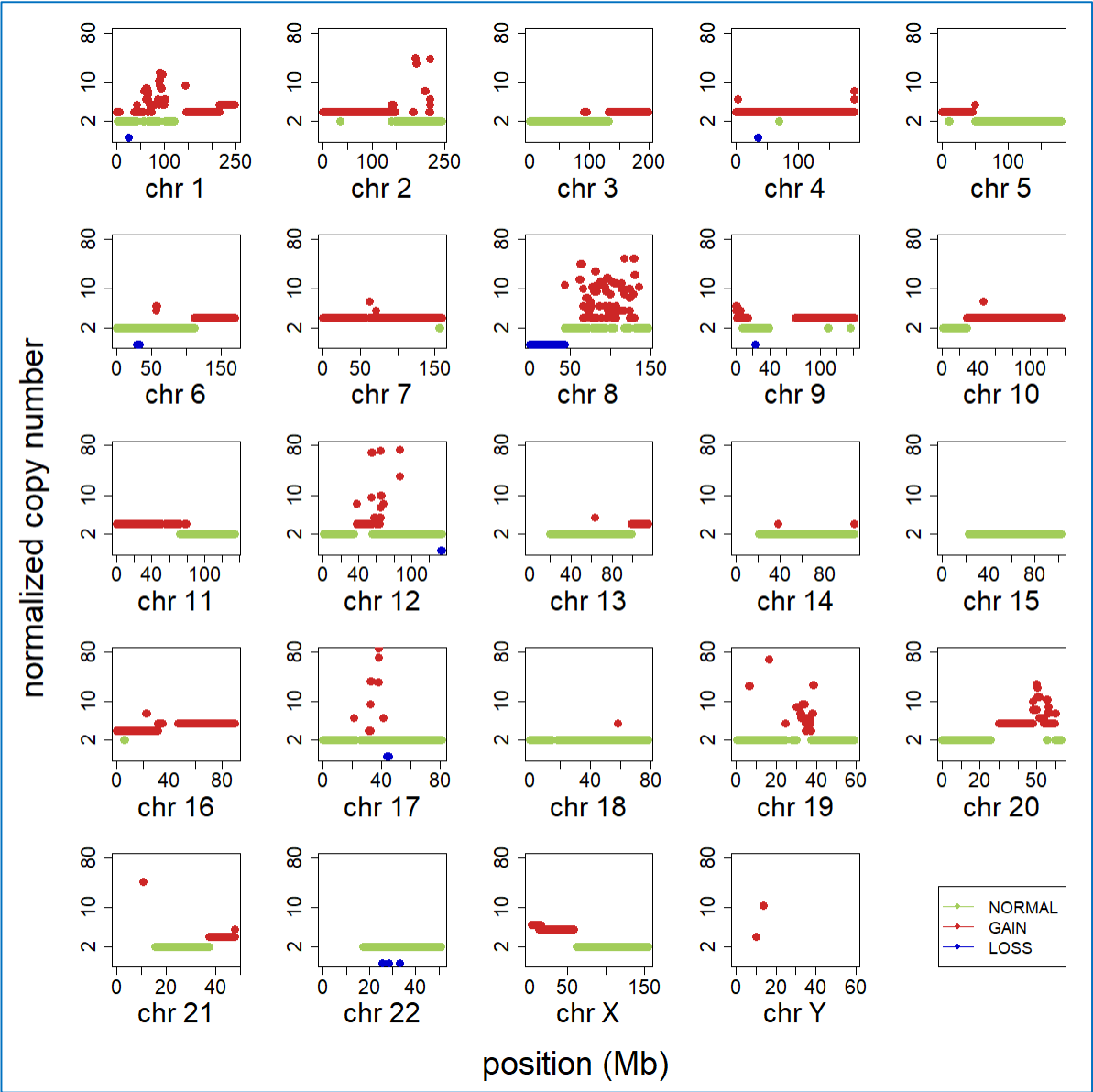


FAST - Whole Genome

p-8191

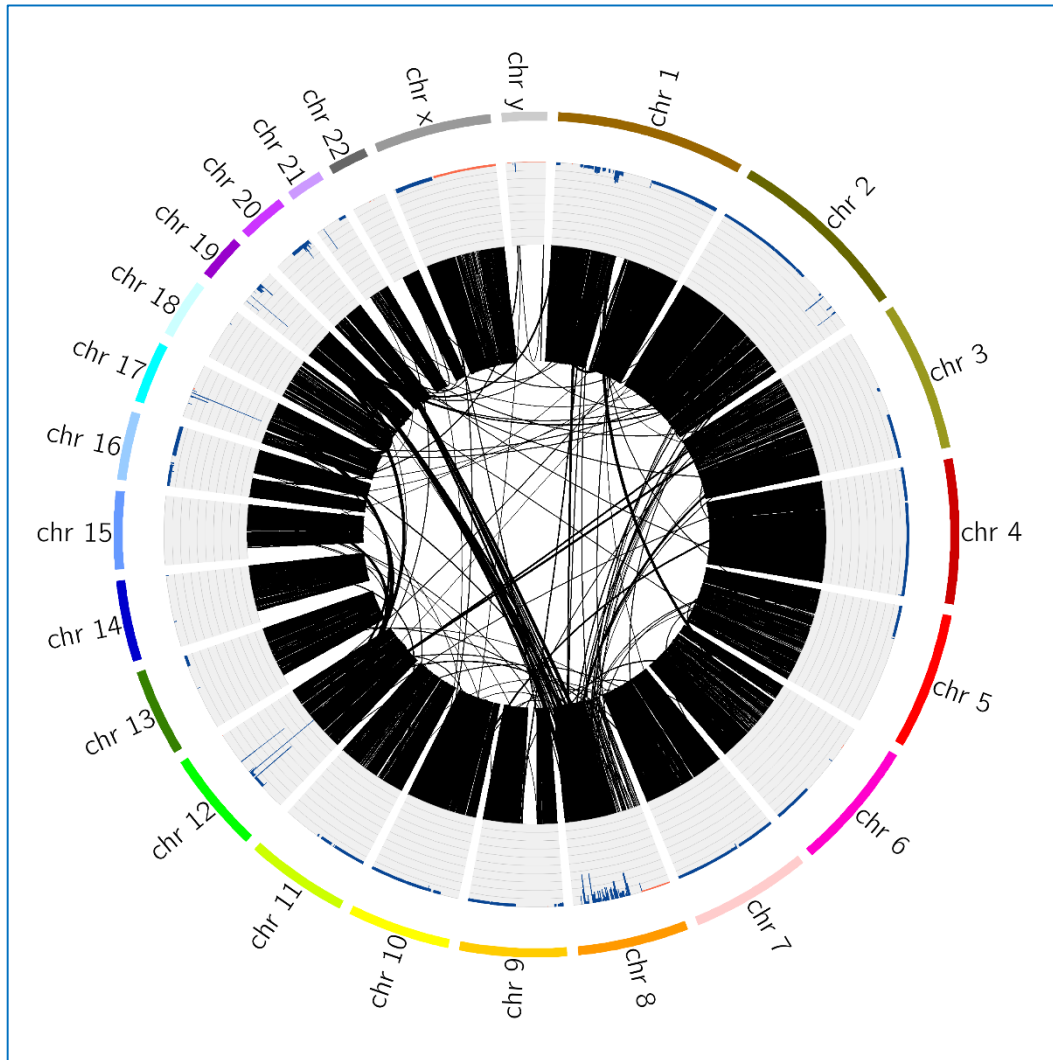


FAST – ERBB2 amplicon

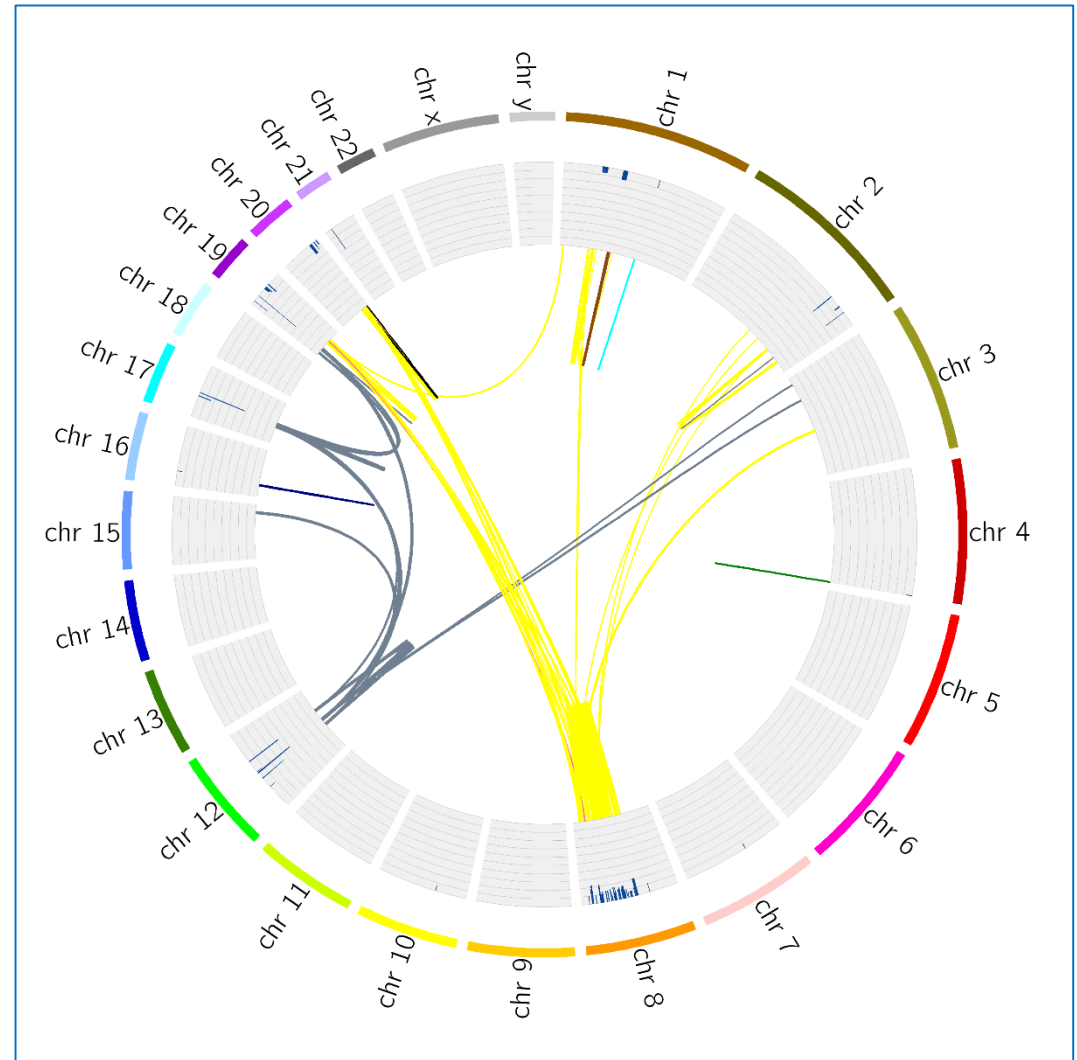


Control-FREEC

20983

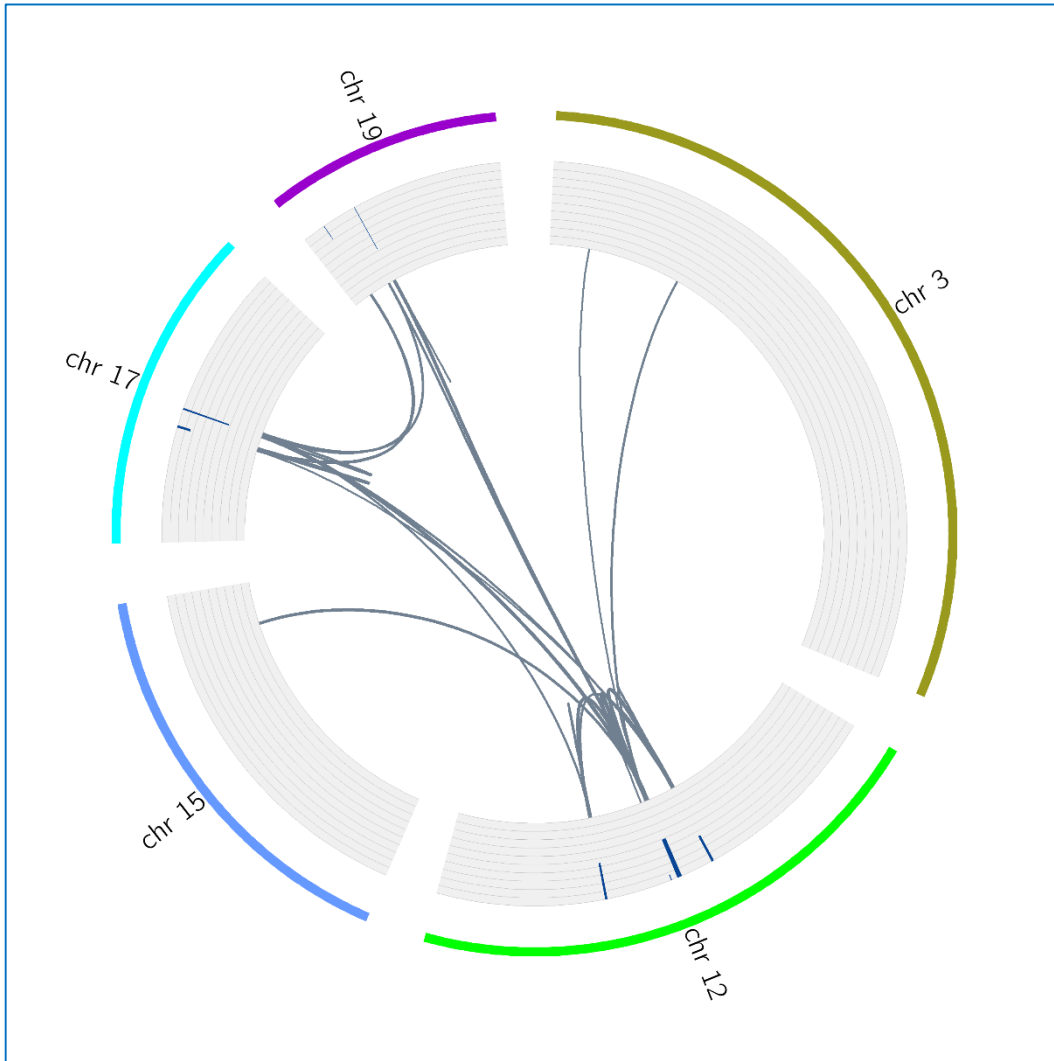


BreakDancer + Control-FREEC



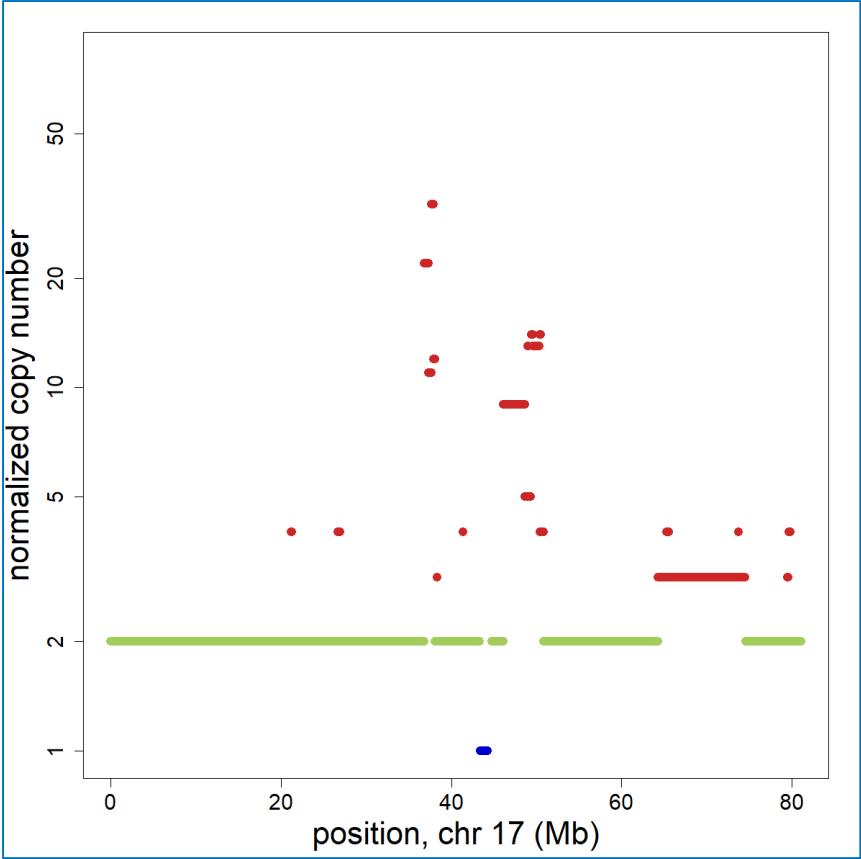
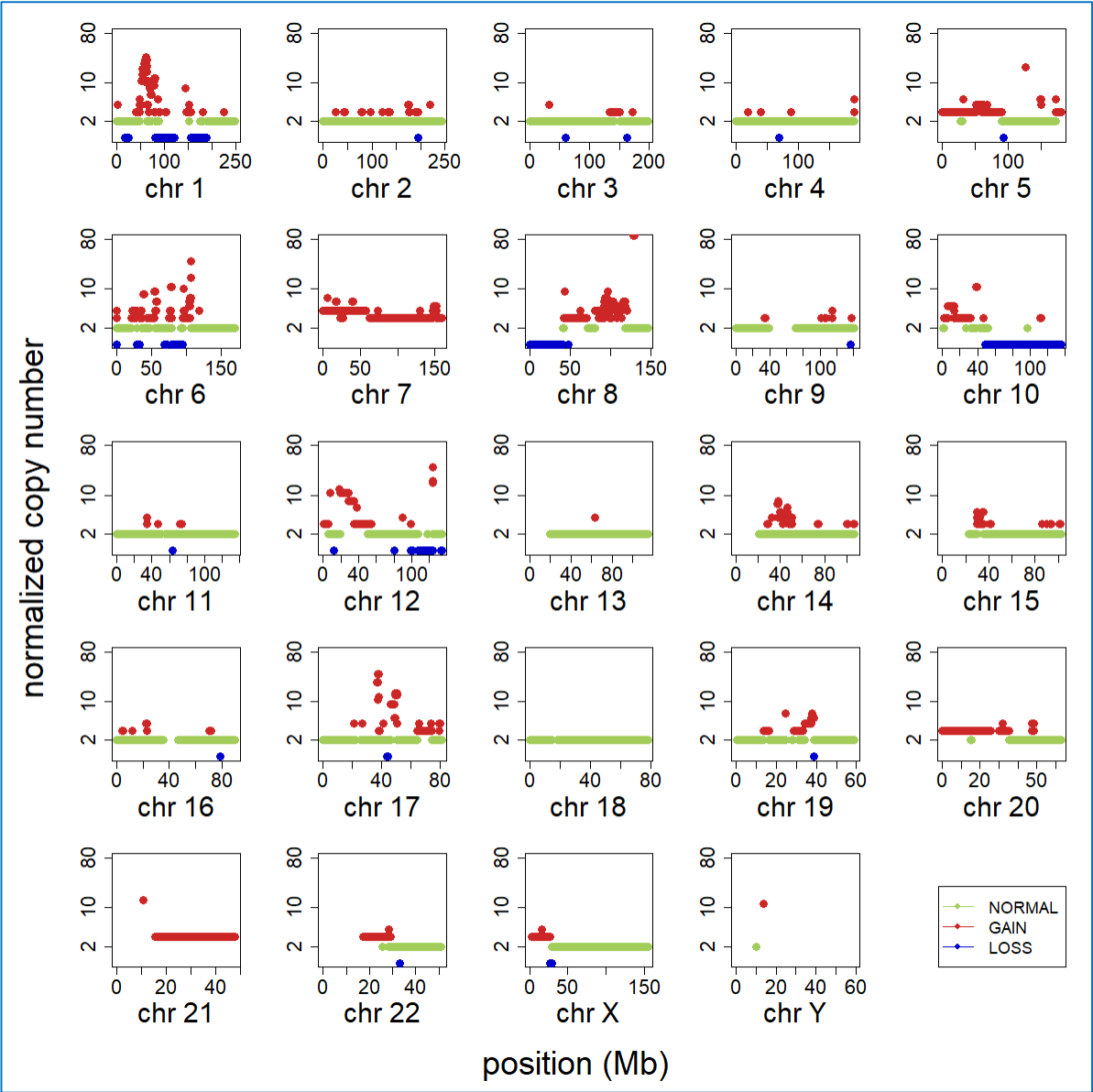
FAST – Whole Genome

20983



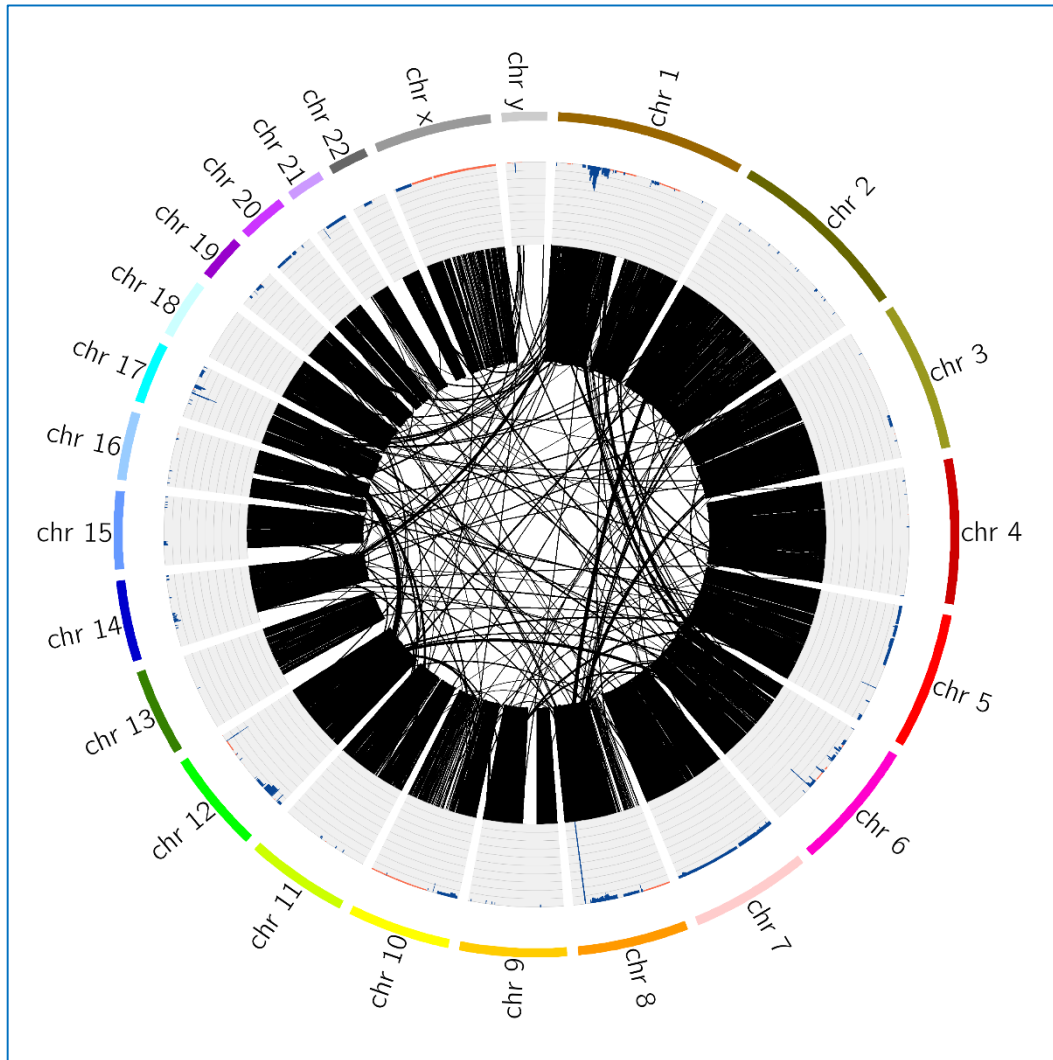
FAST – ERBB2 amplicon

80990

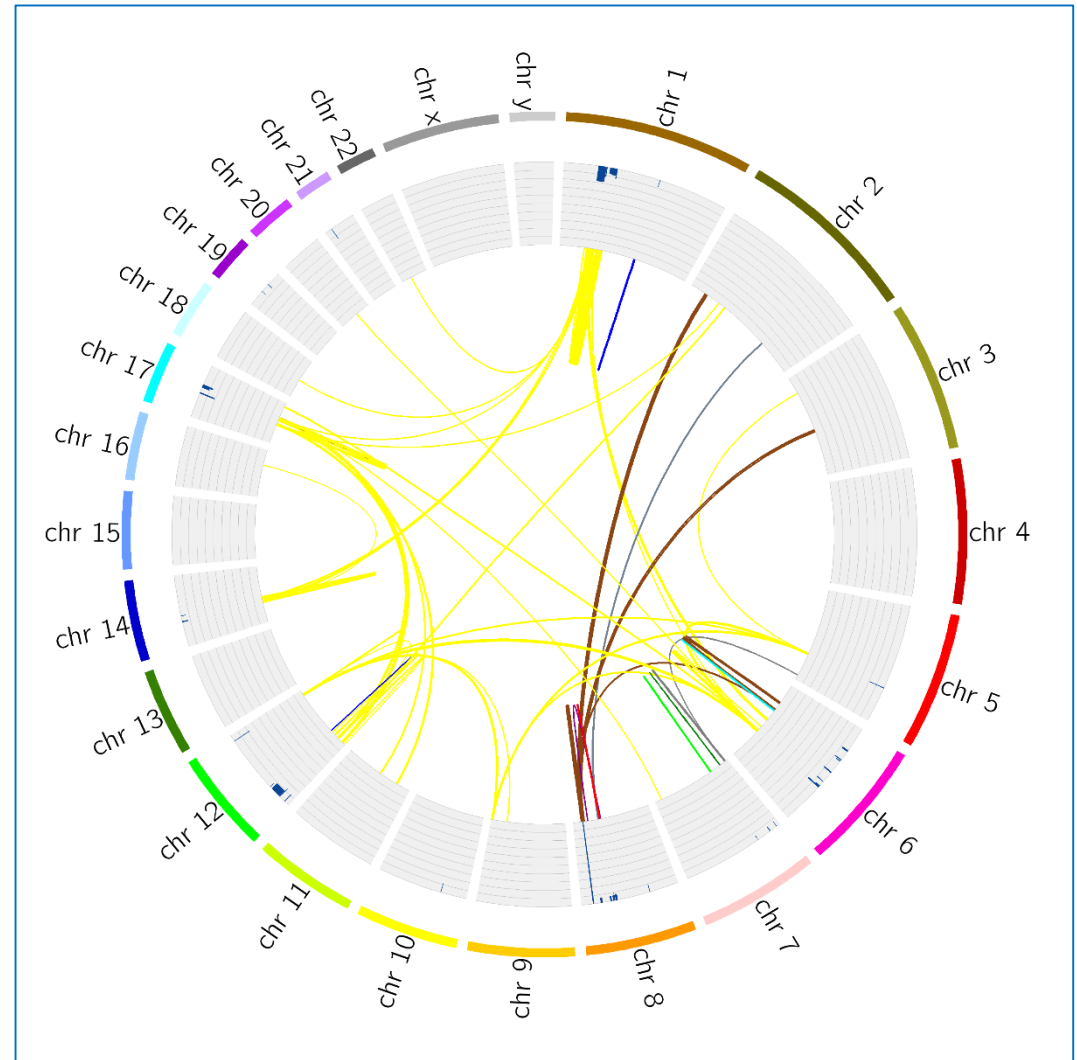


Control-FREEC

80990

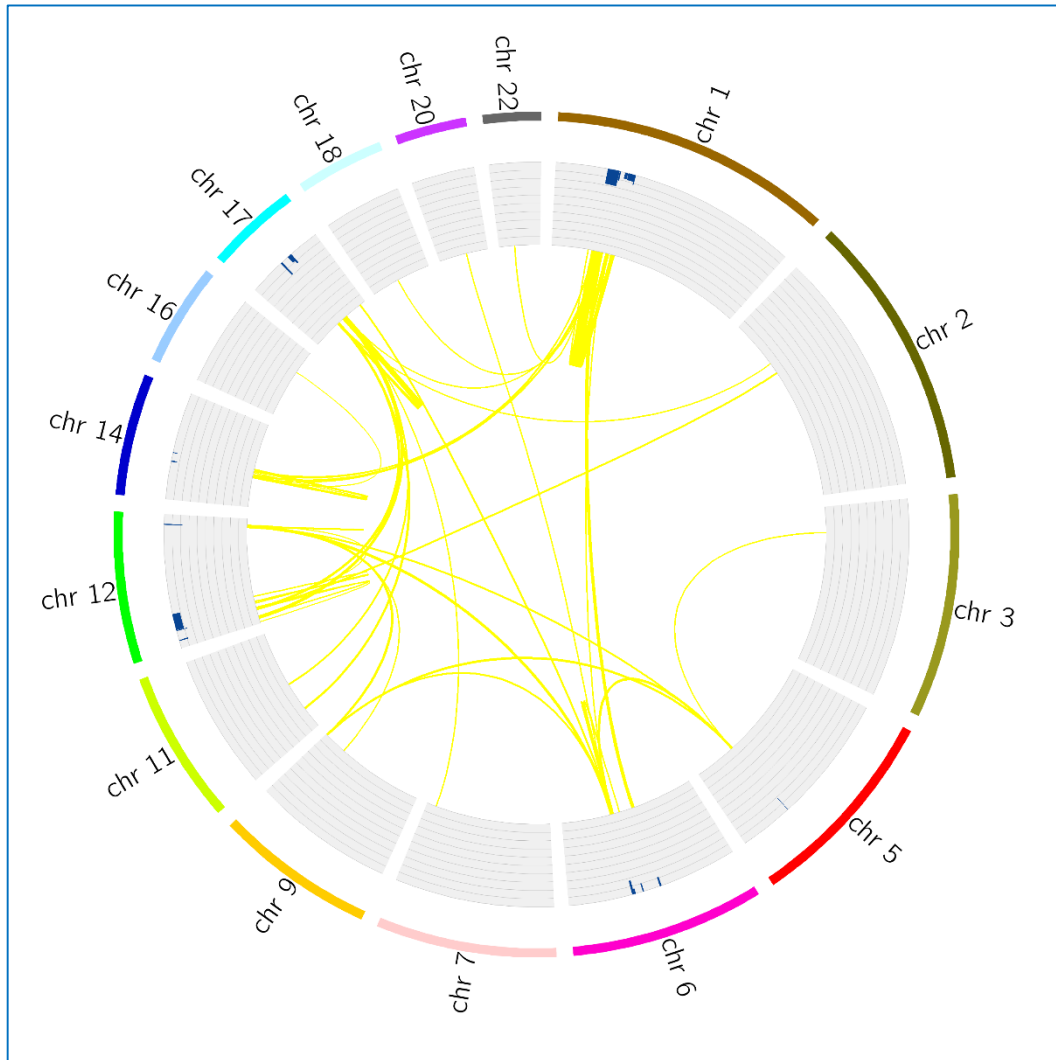


BreakDancer + Control-FREEC



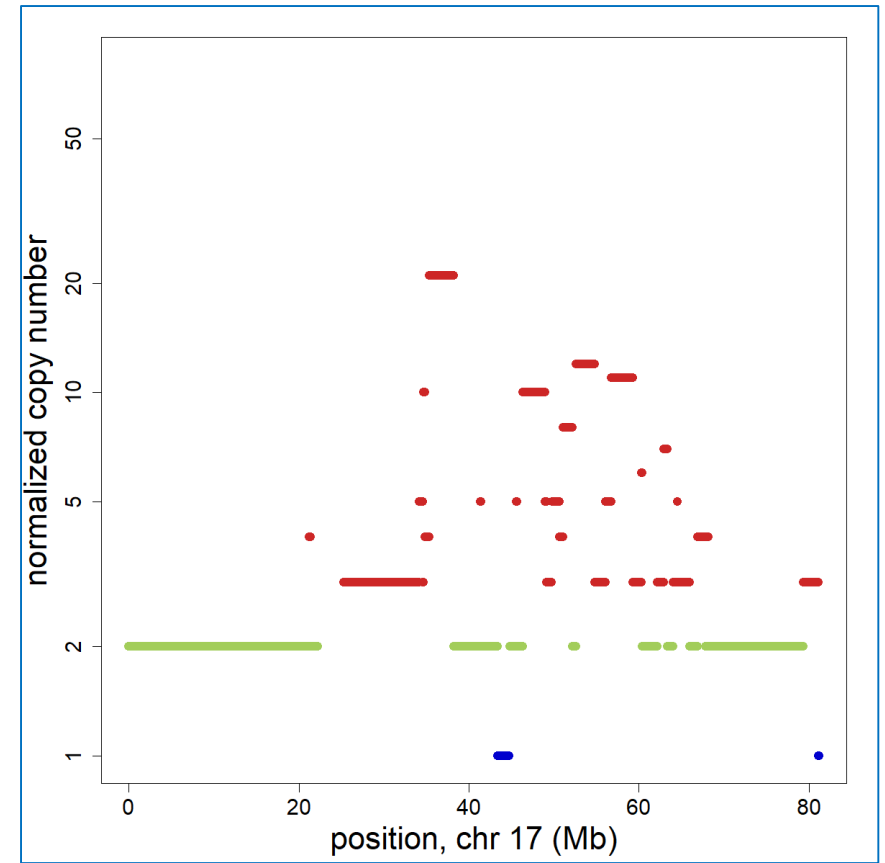
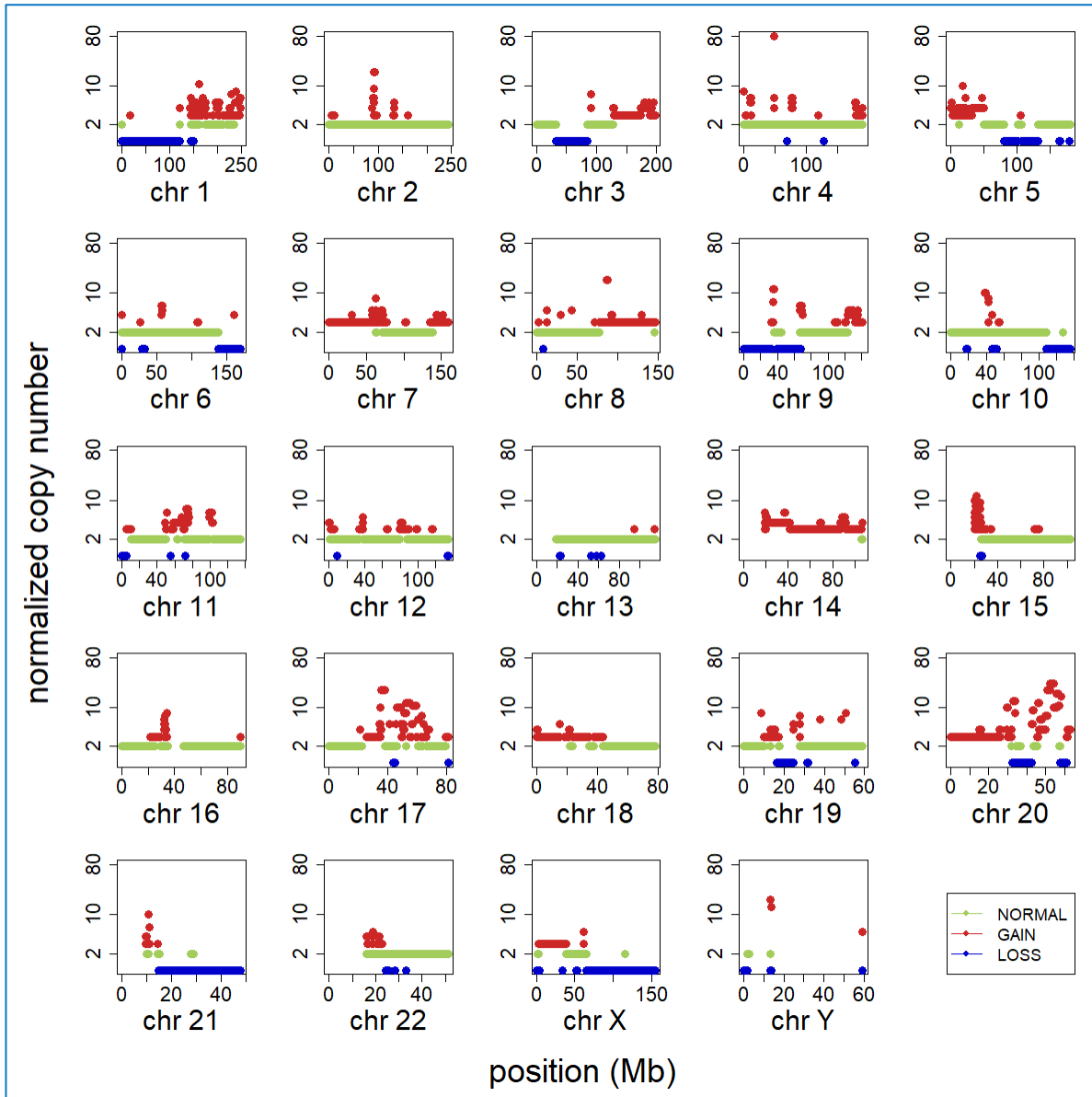
FAST - Whole Genome

80990



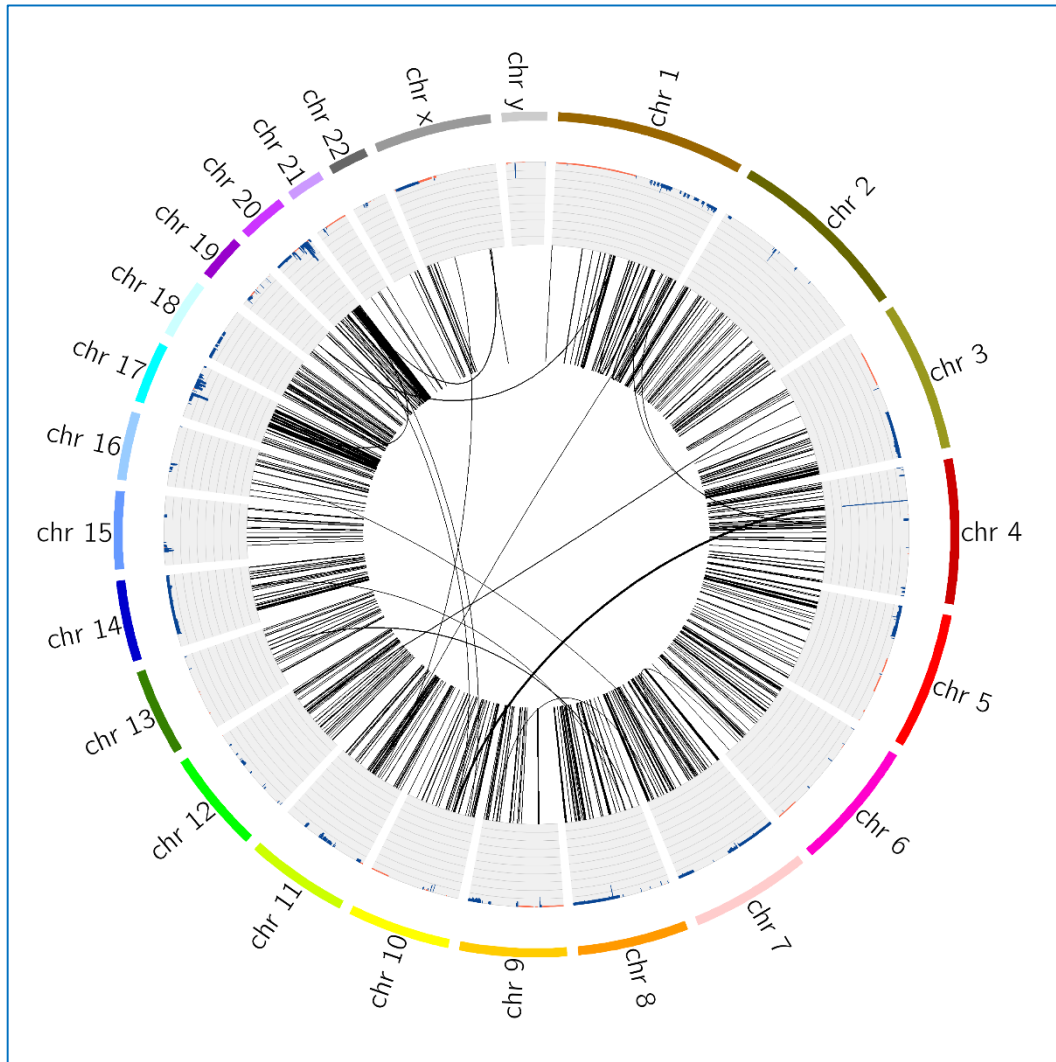
FAST – ERBB2 amplicon

BT474

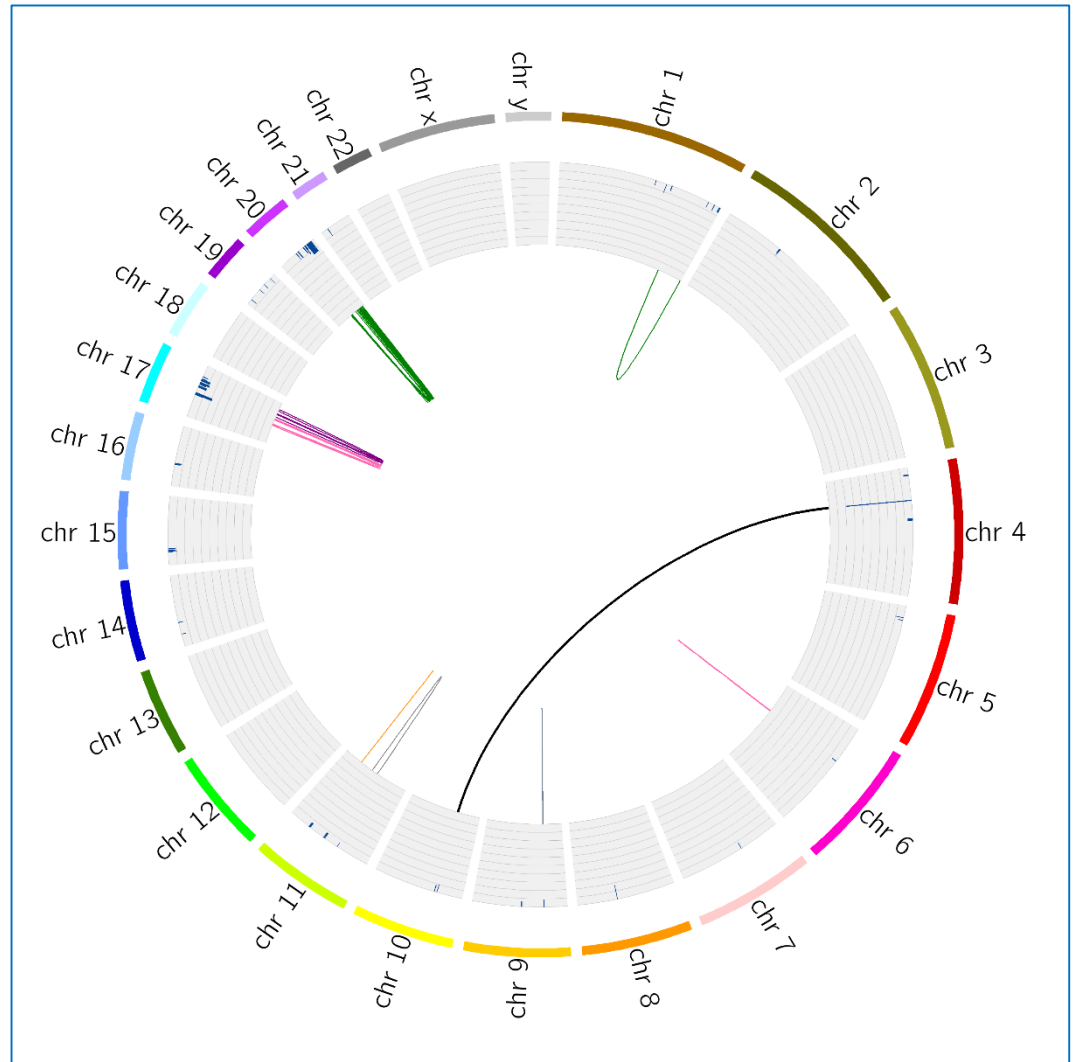


Control-FREEC

BT474

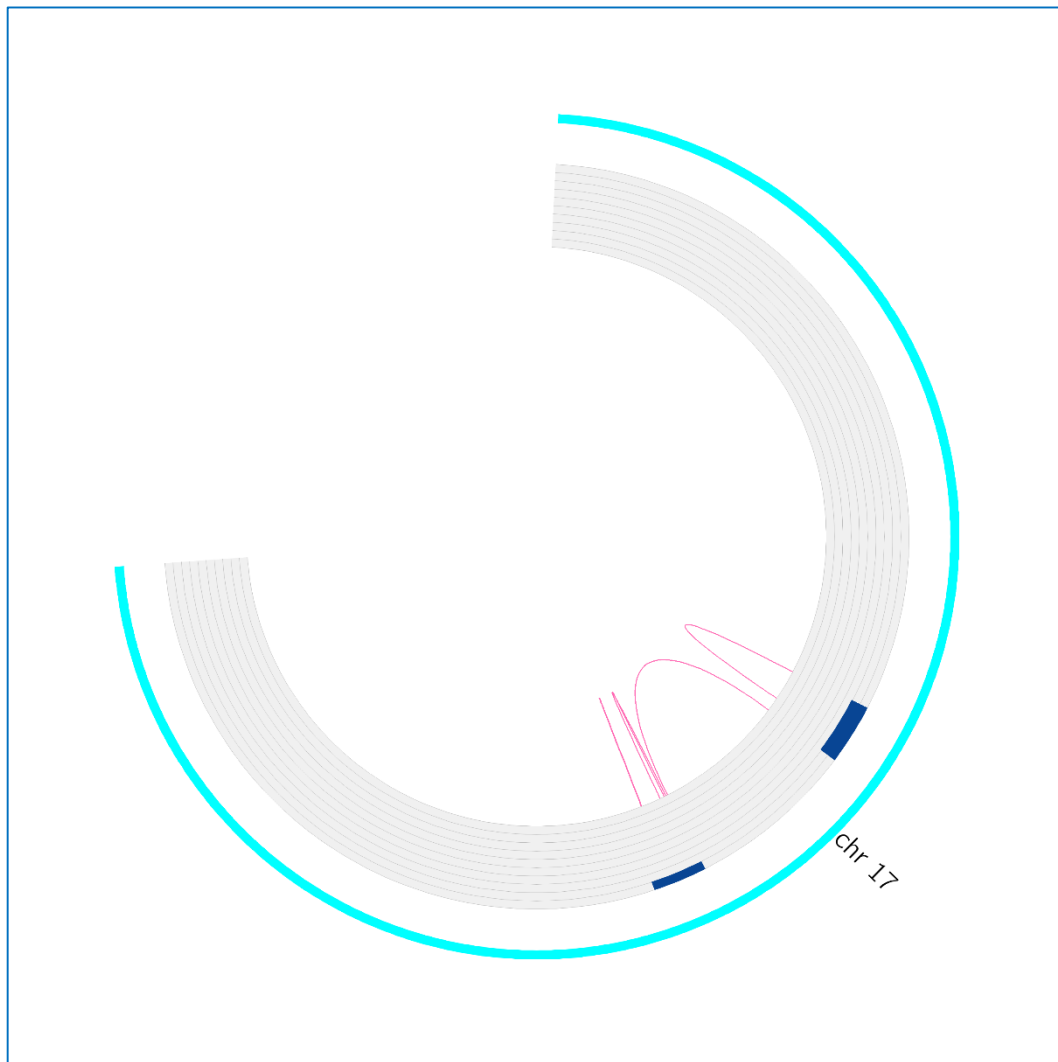


BreakDancer + Control-FREEC



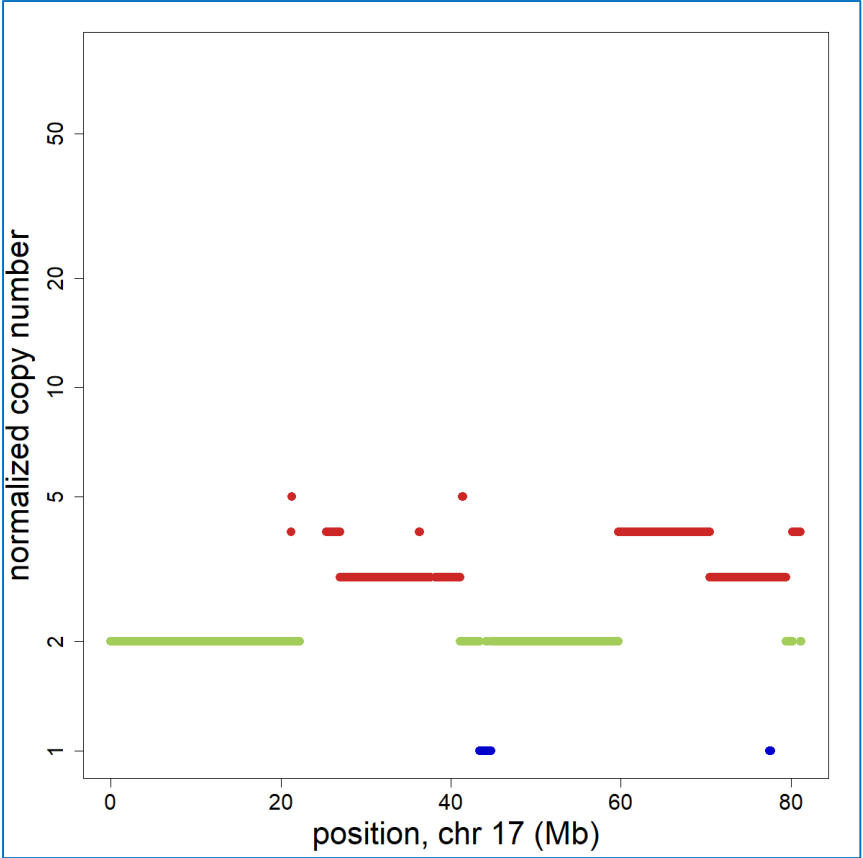
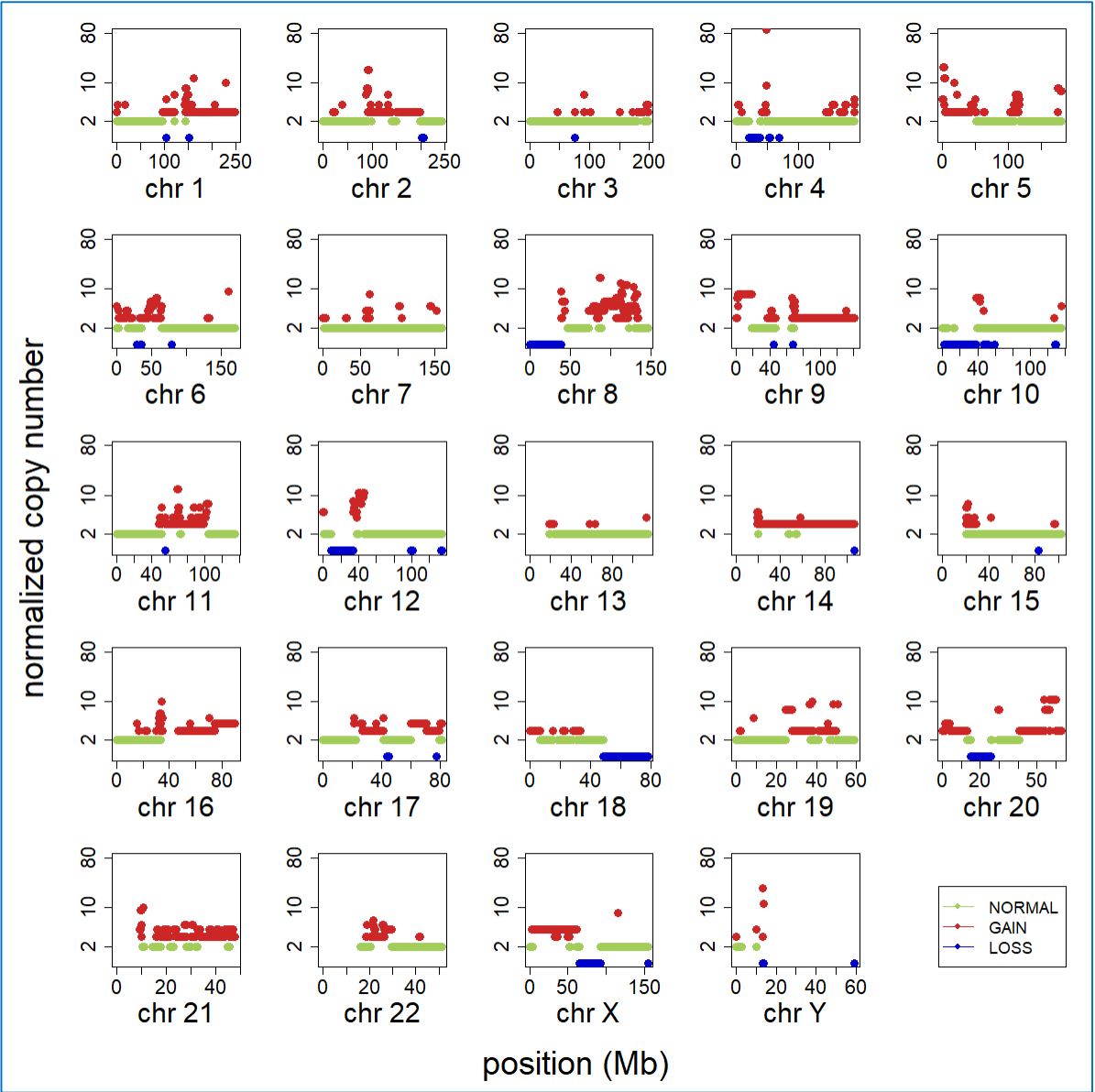
FAST - Whole Genome

BT474



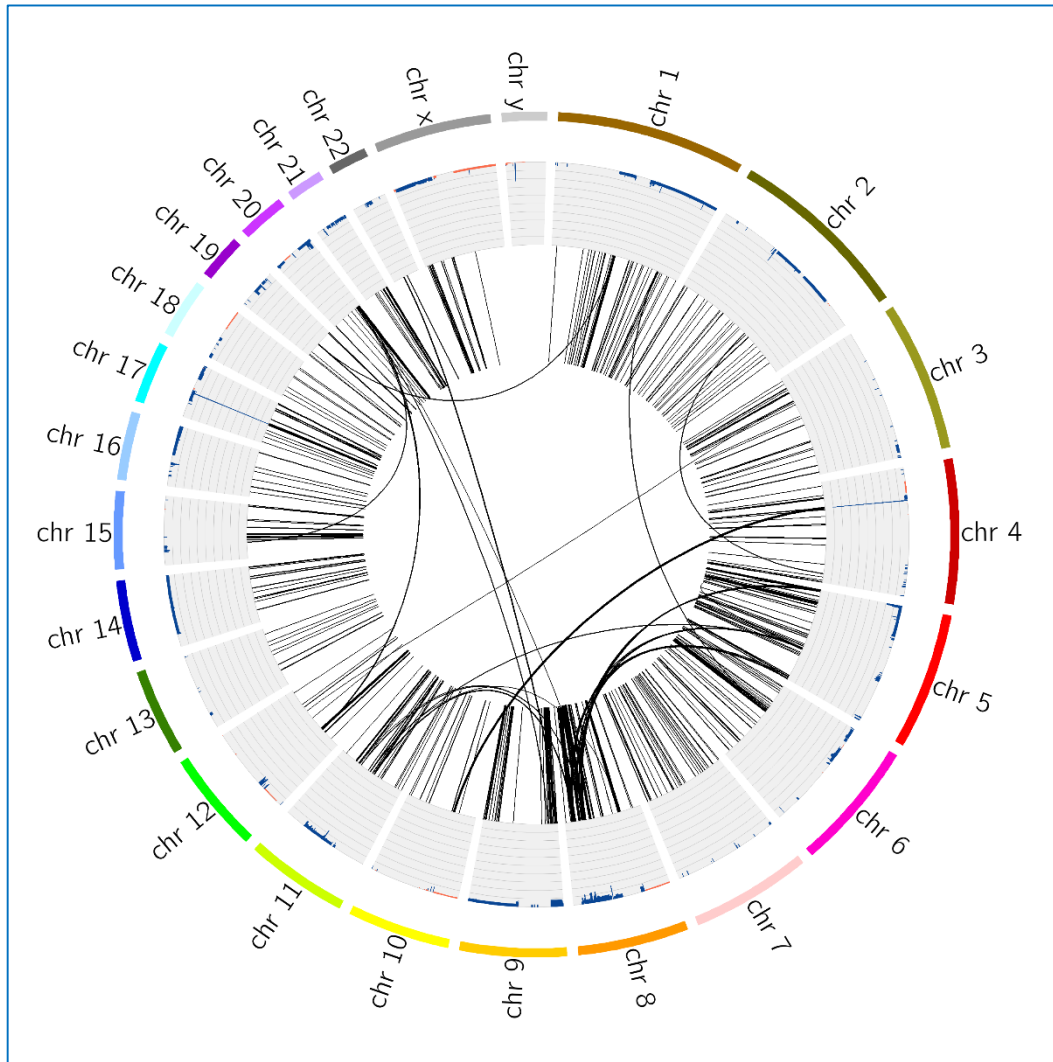
FAST – ERBB2 amplicon

HCC1954

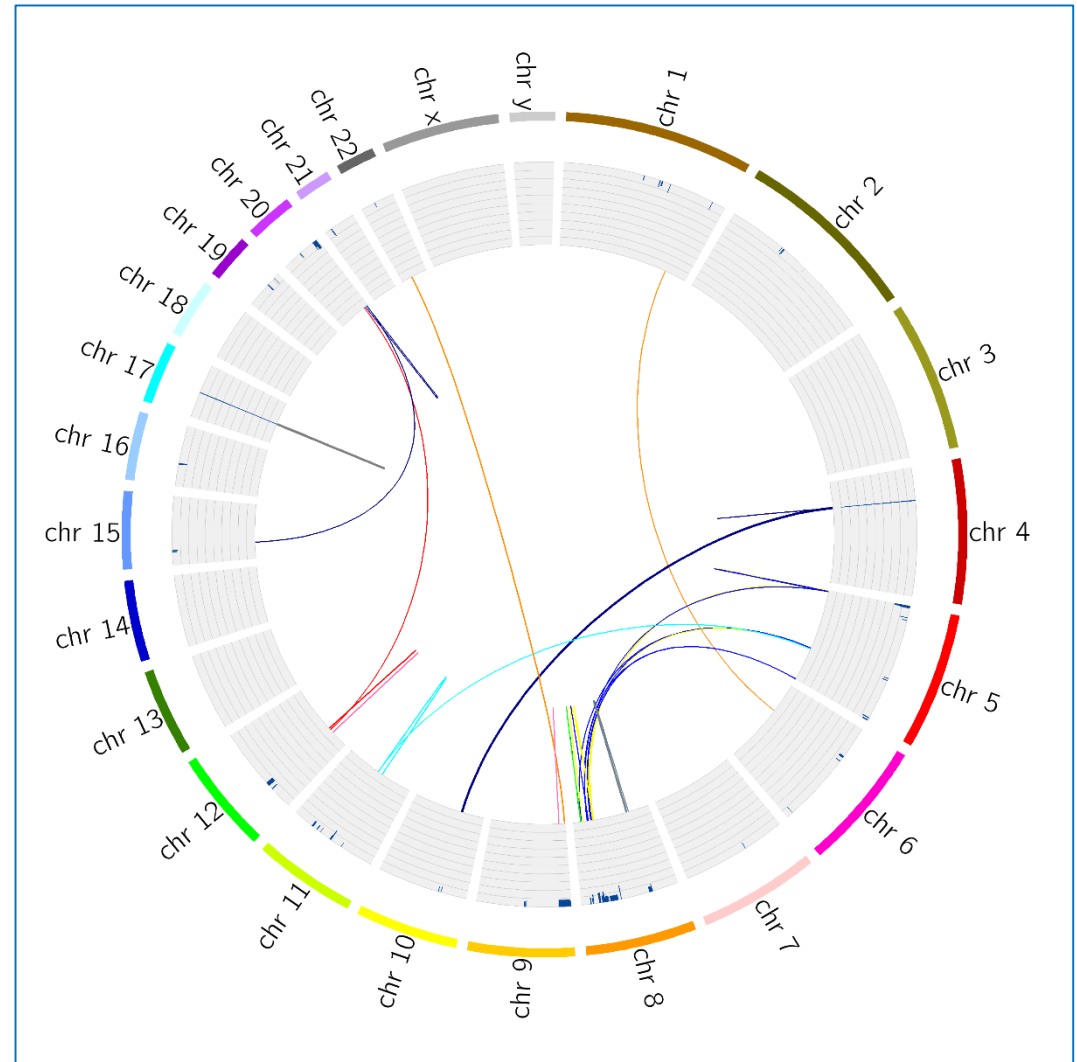


Control-FREEC

HCC1954

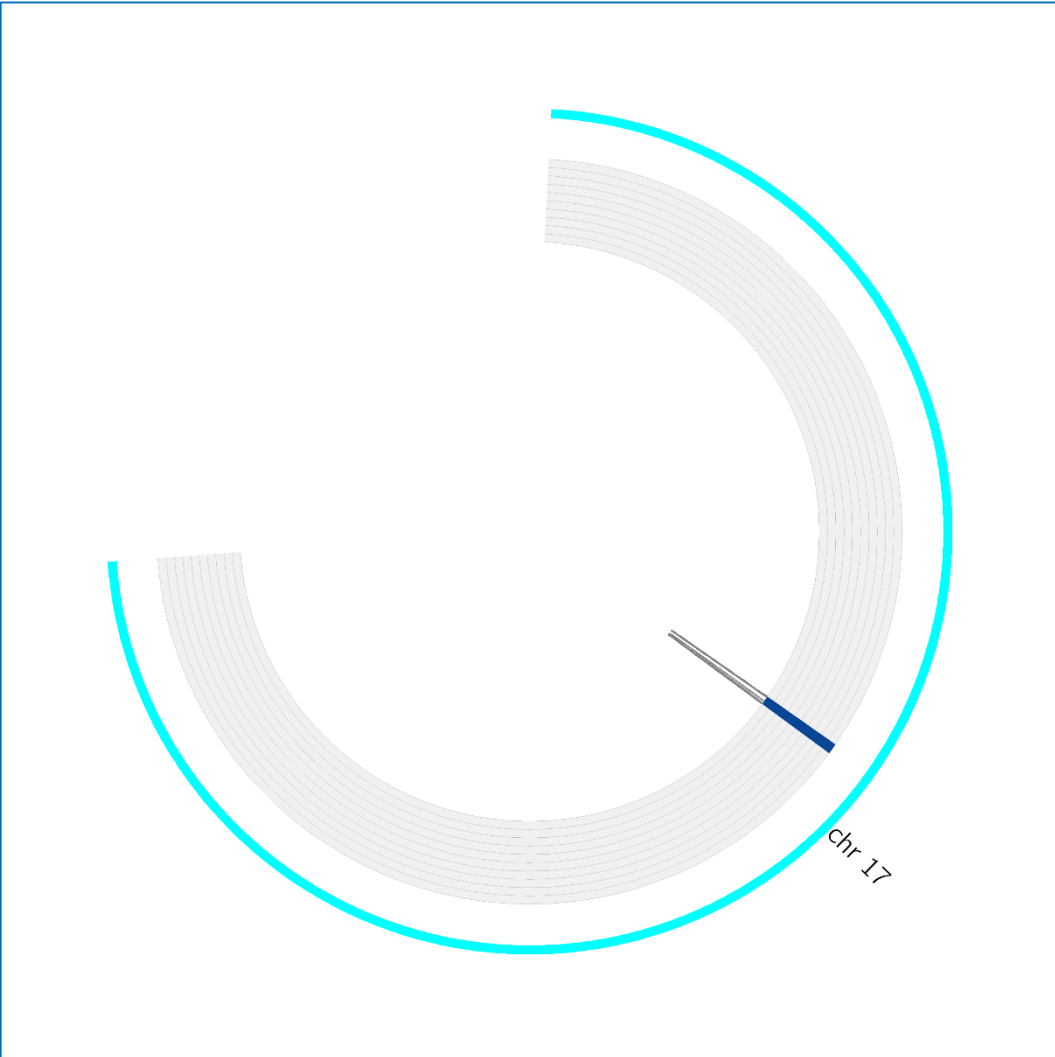


BreakDancer + Control-FREEC



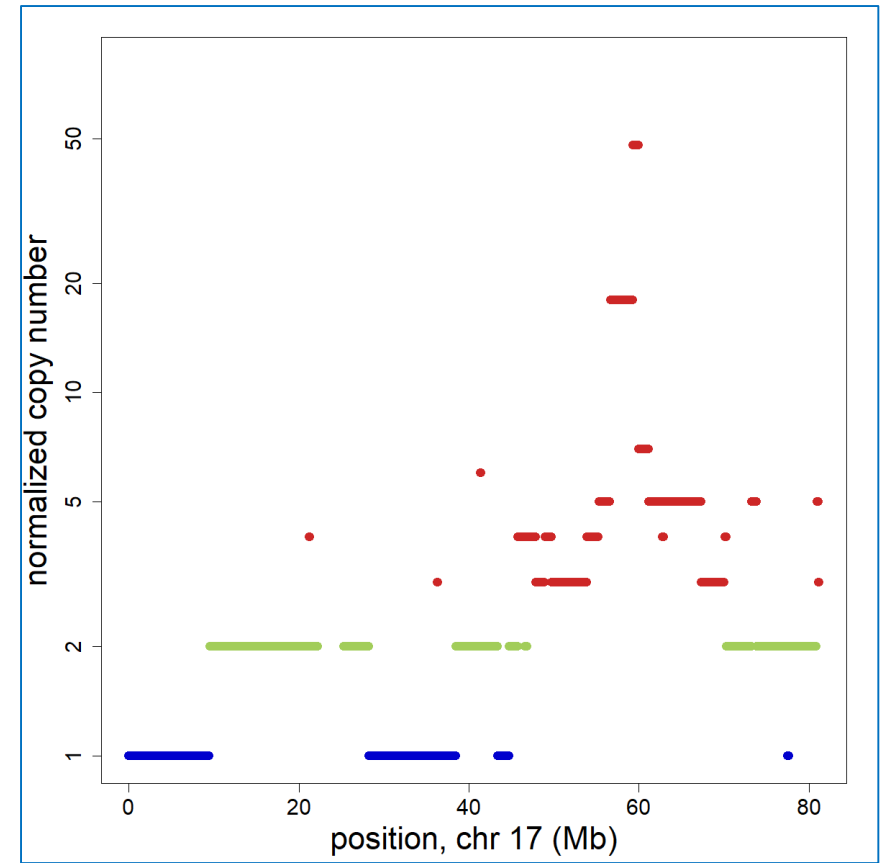
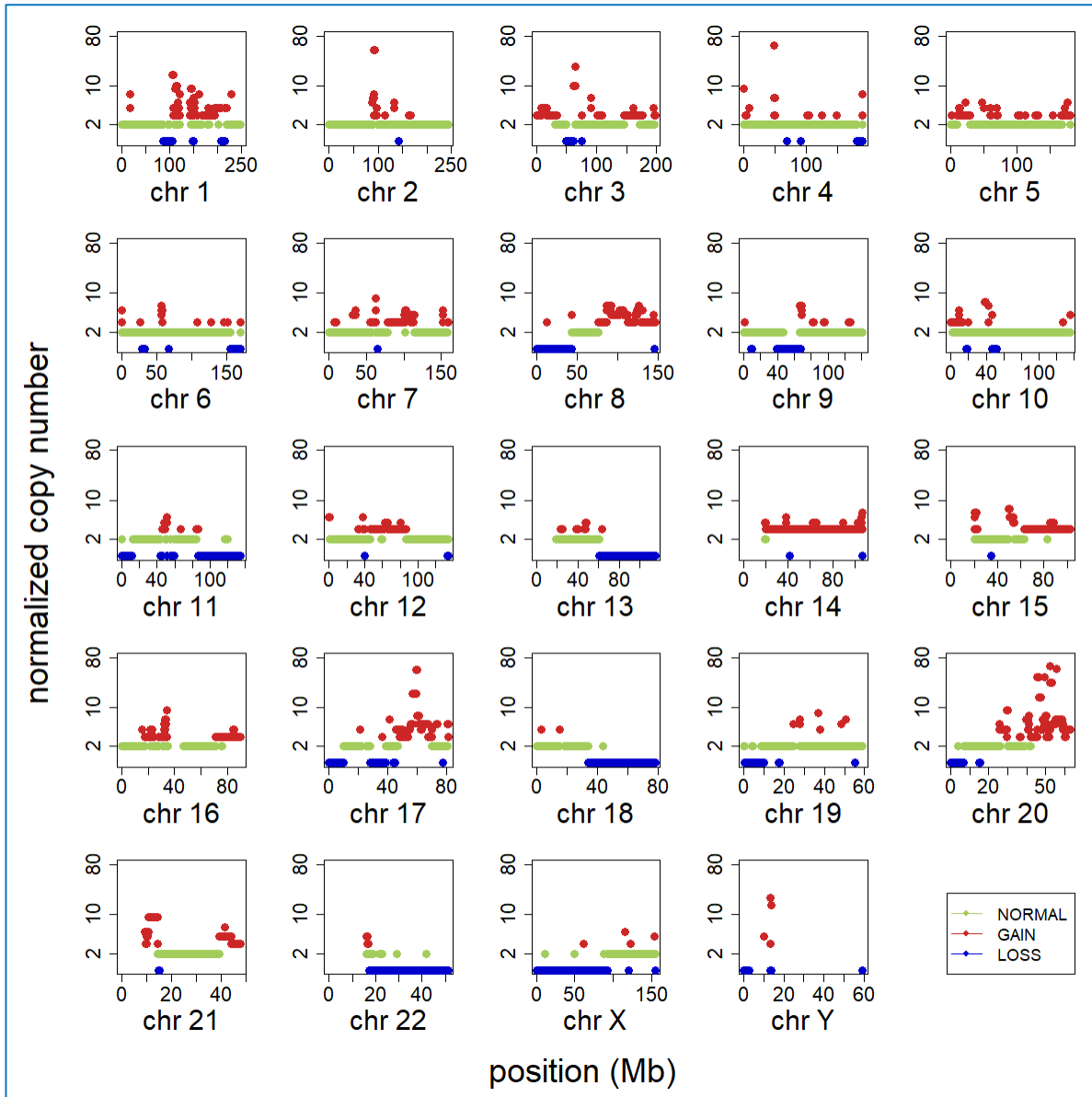
FAST - Whole Genome

HCC1954



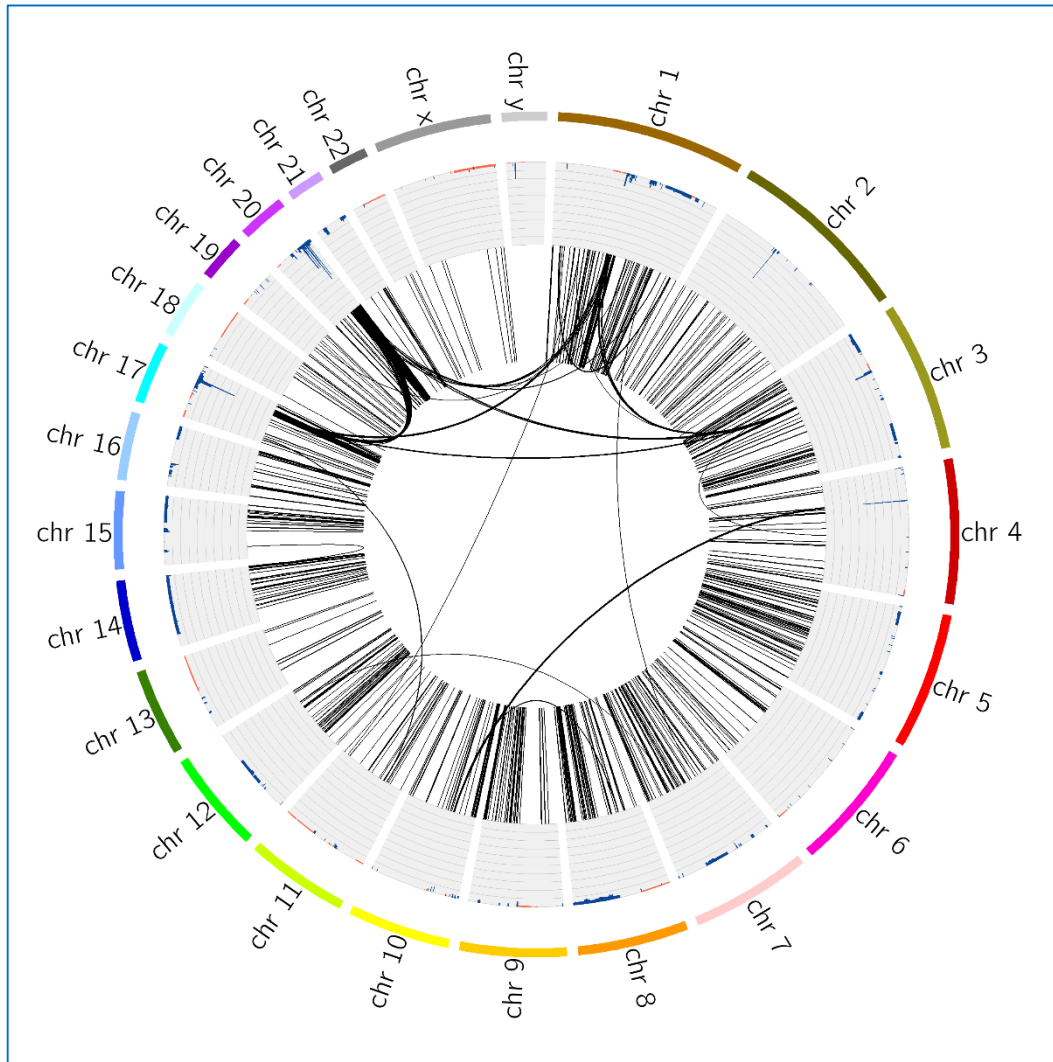
FAST – ERBB2 amplicon

MCF7

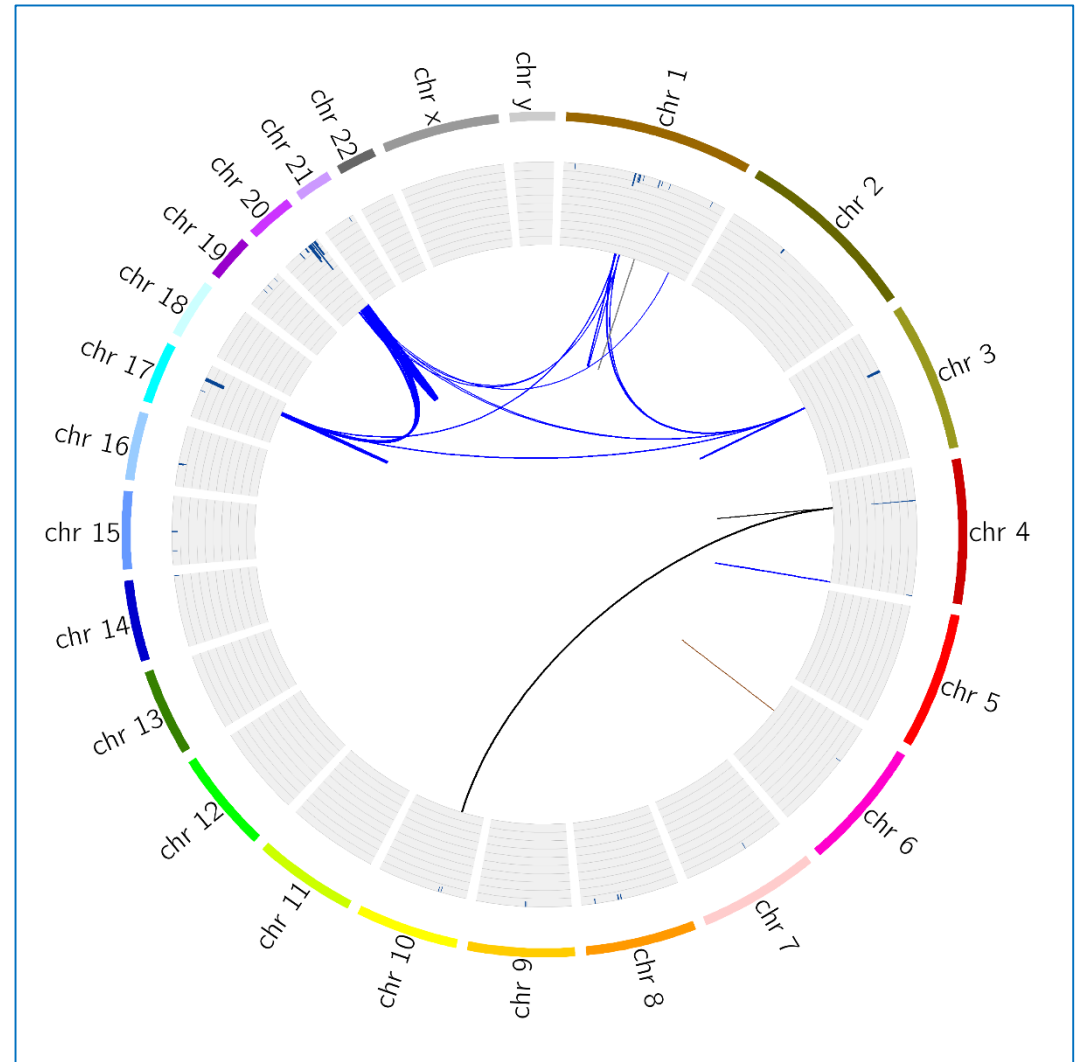


Control-FREEC

MCF7



BreakDancer + Control-FREEC



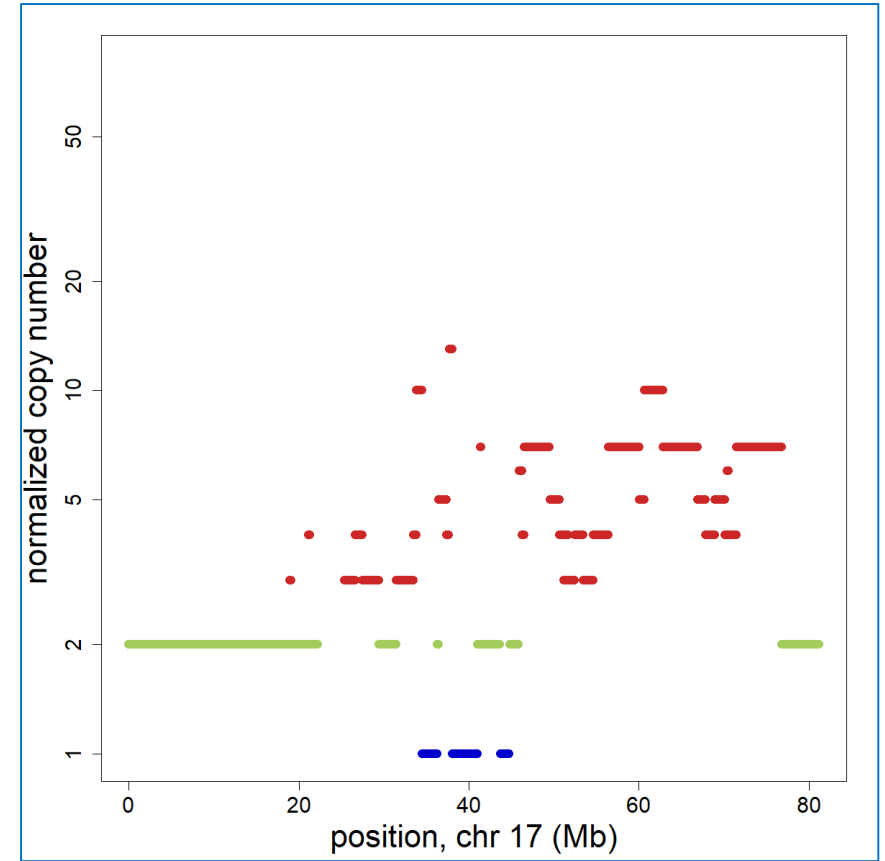
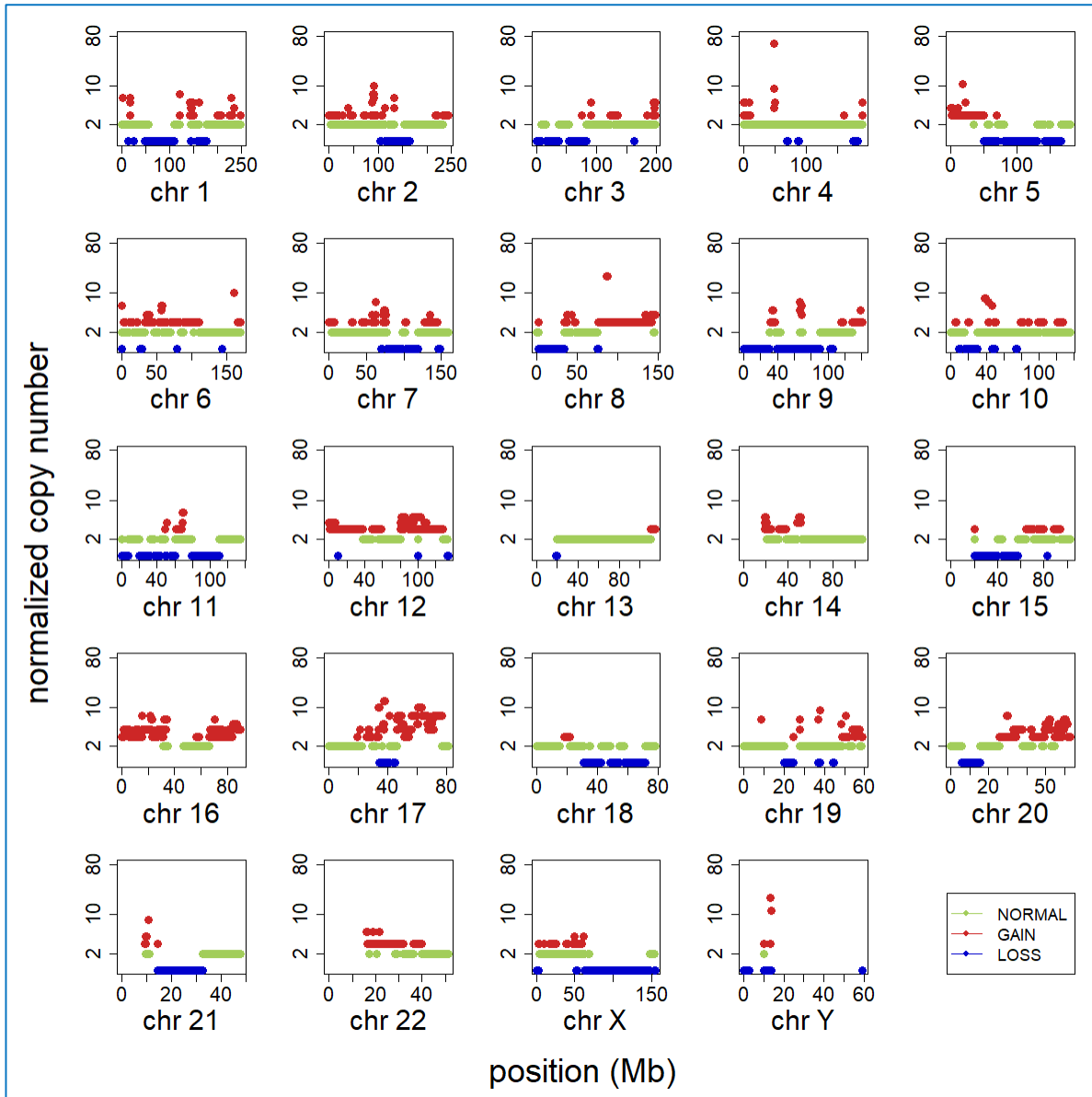
FAST - Whole Genome

MCF7

No FAST data for this sample

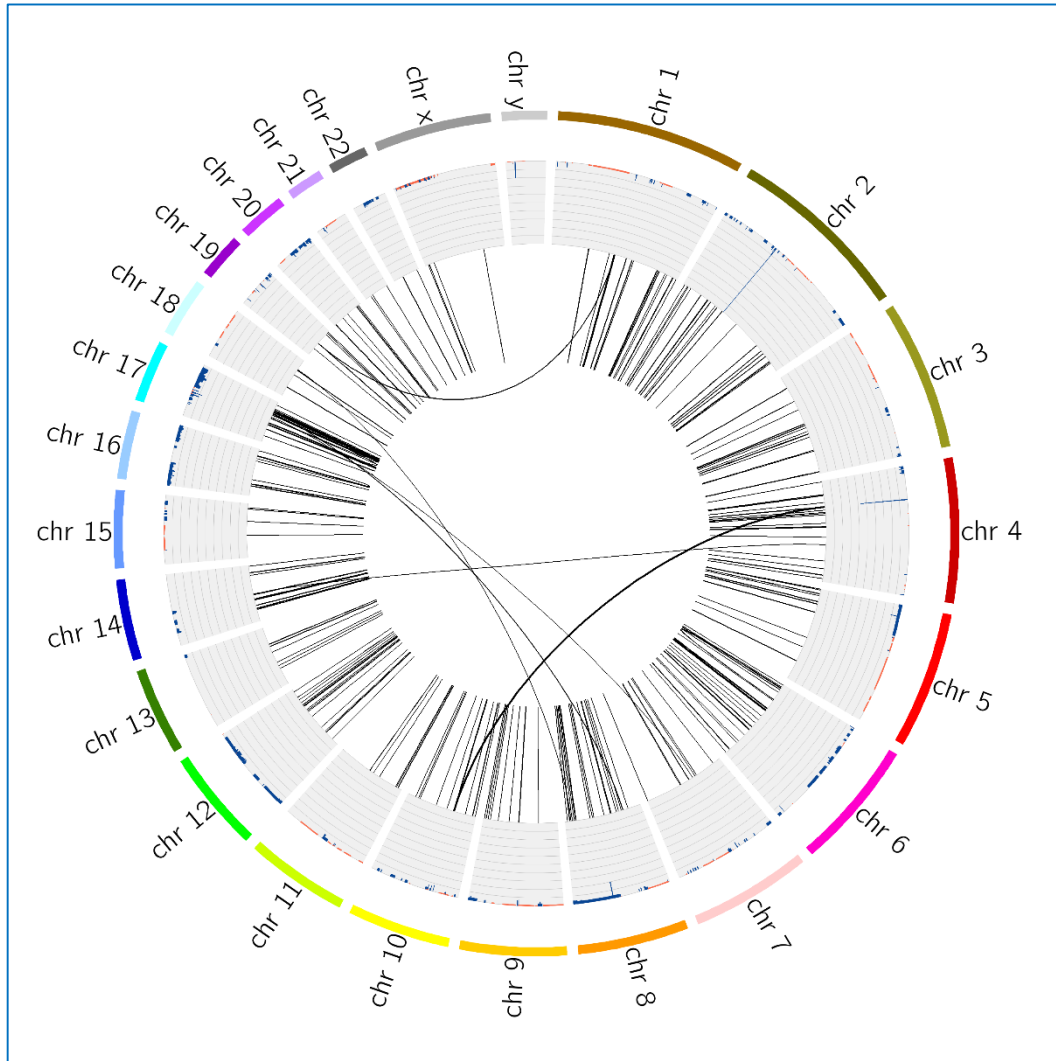
FAST – ERBB2 amplicon

MDA361

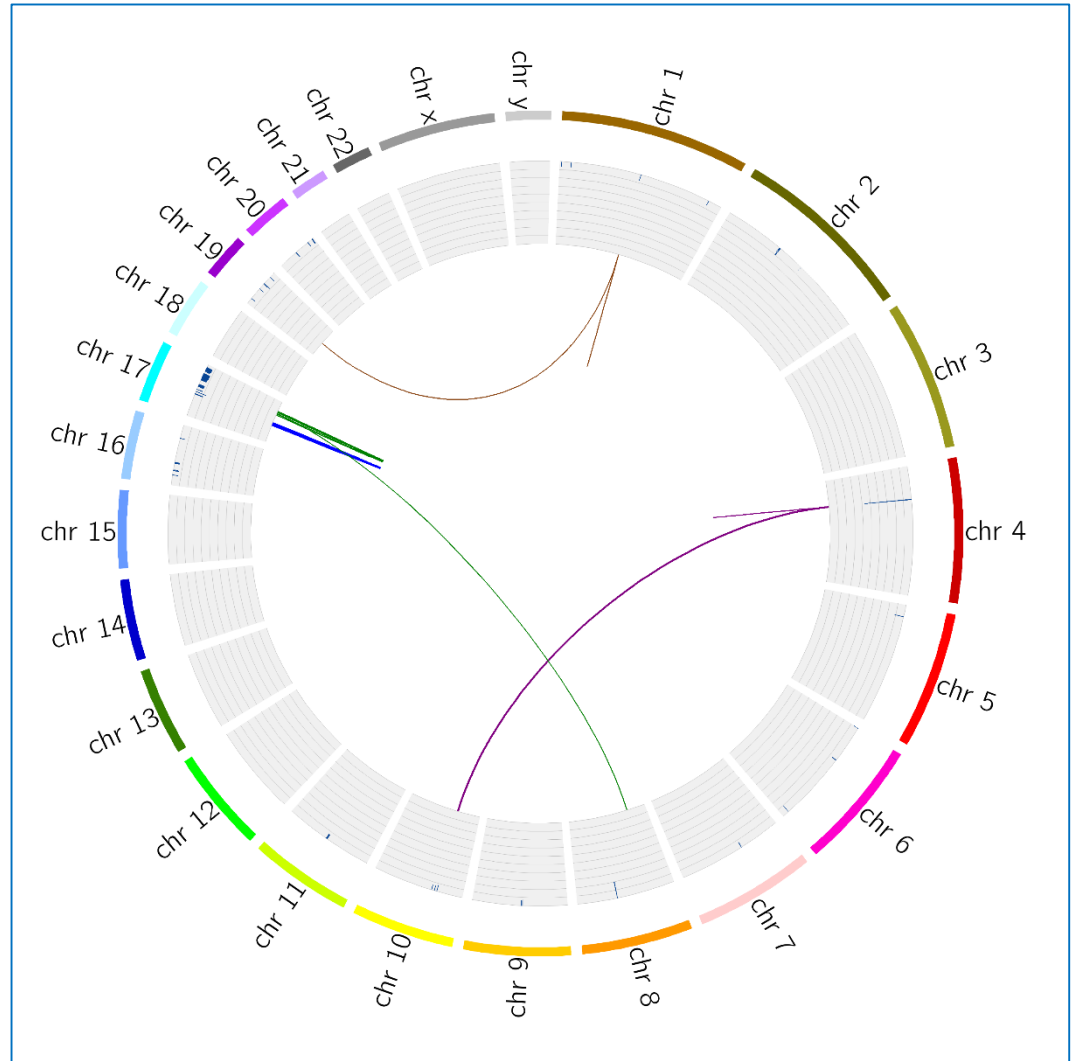


Control-FREEC

MDA361

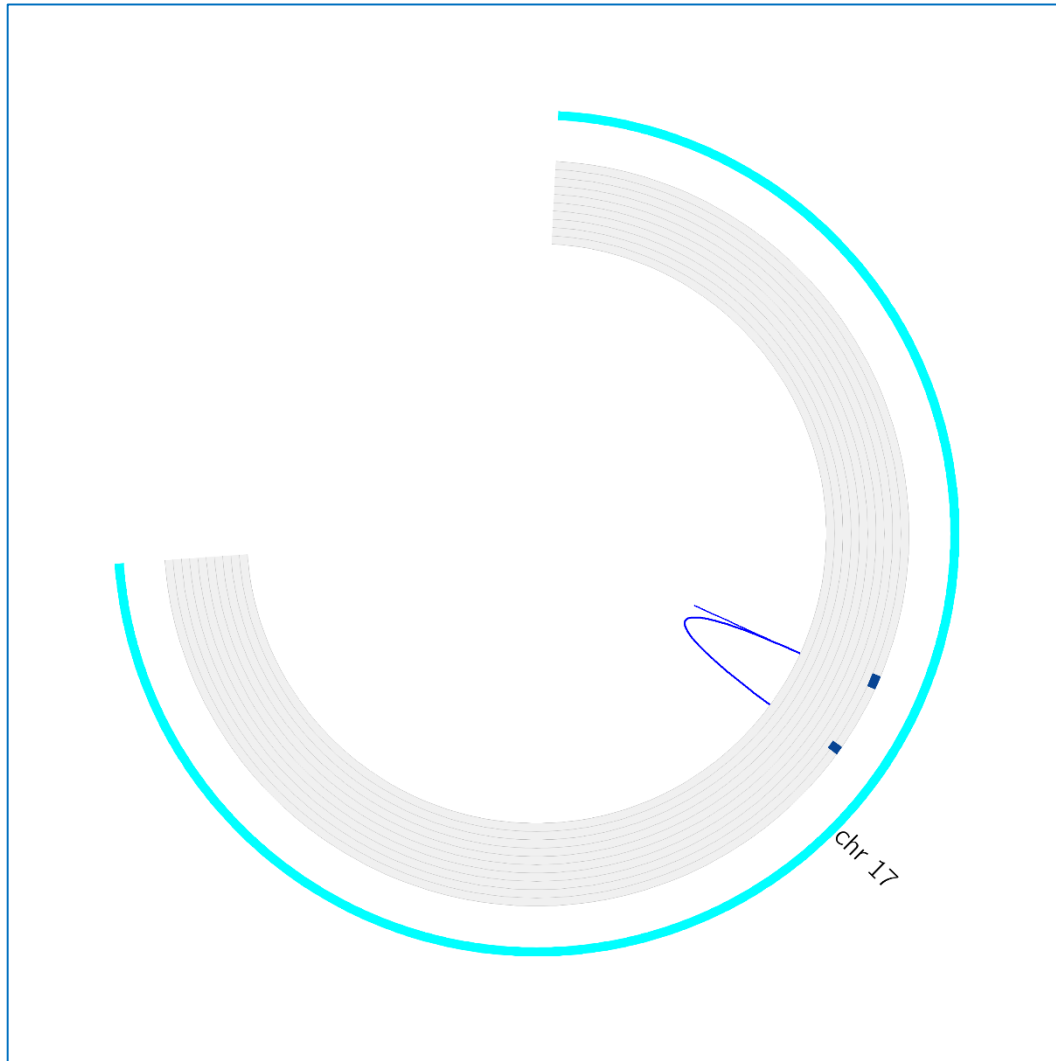


BreakDancer + Control-FREEC



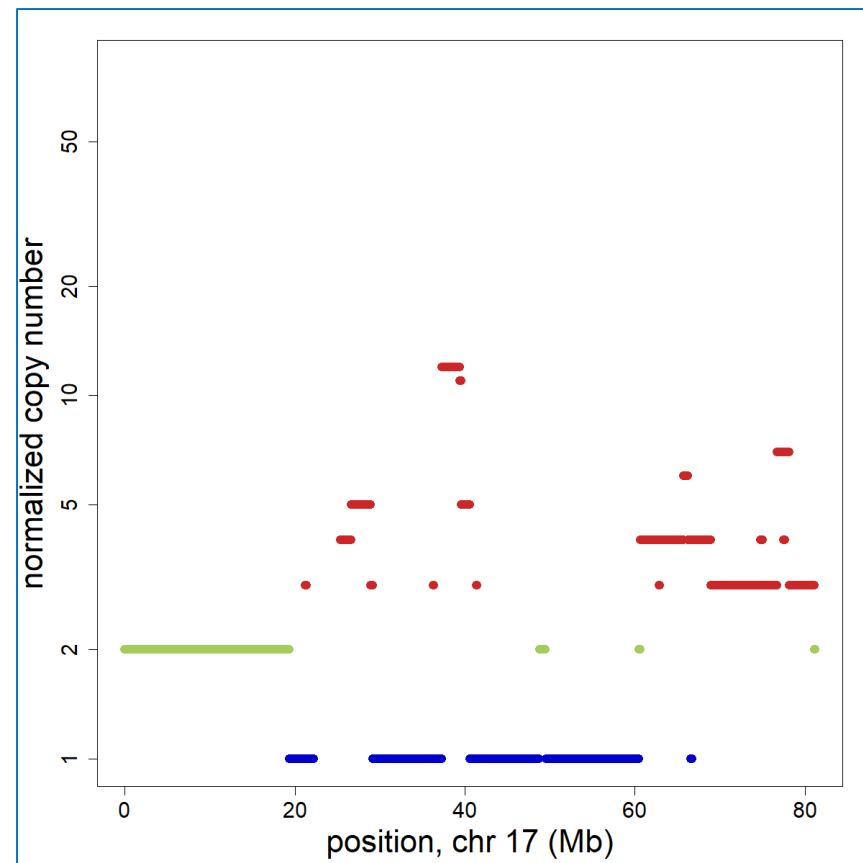
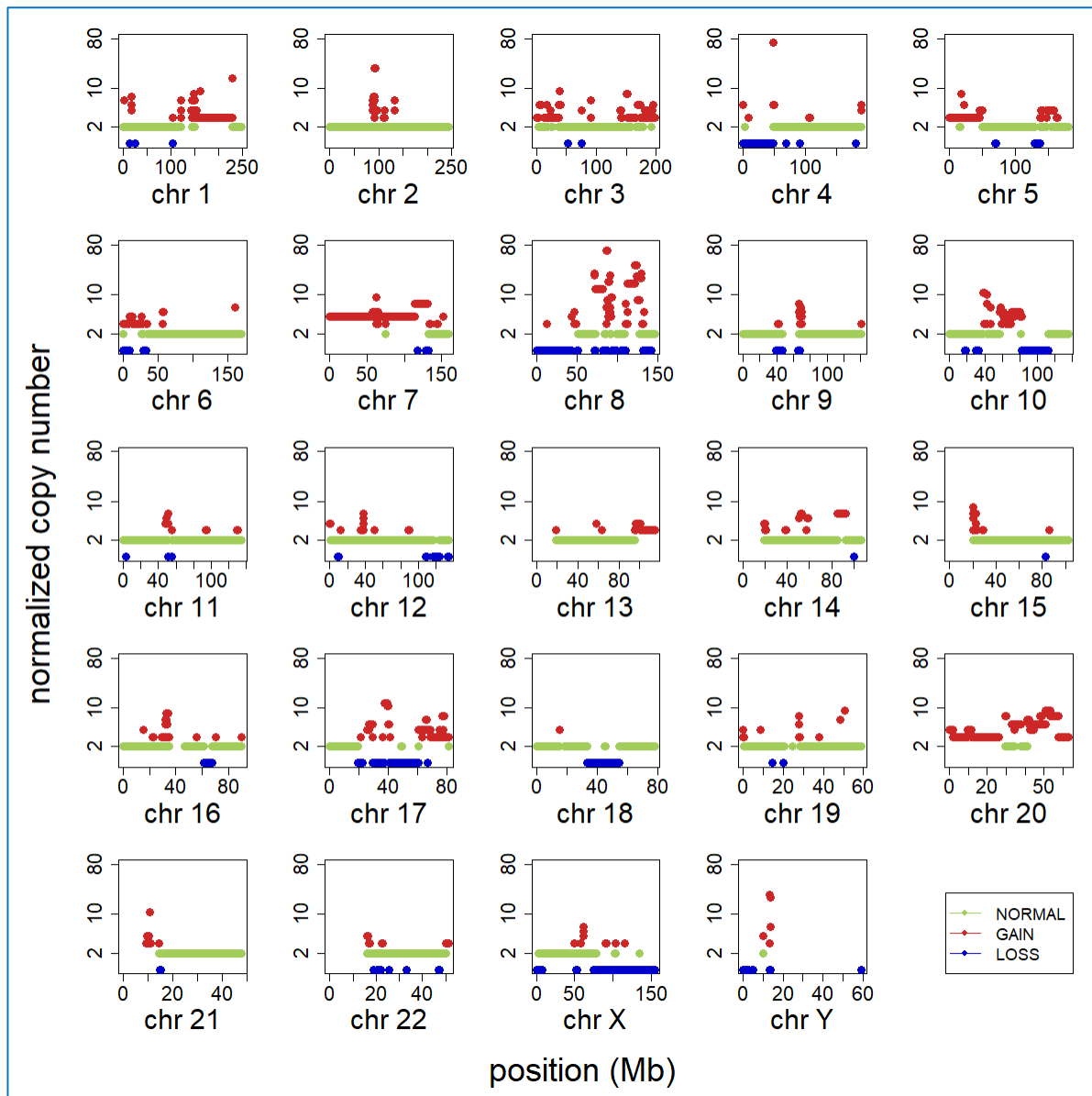
FAST - Whole Genome

MDA361



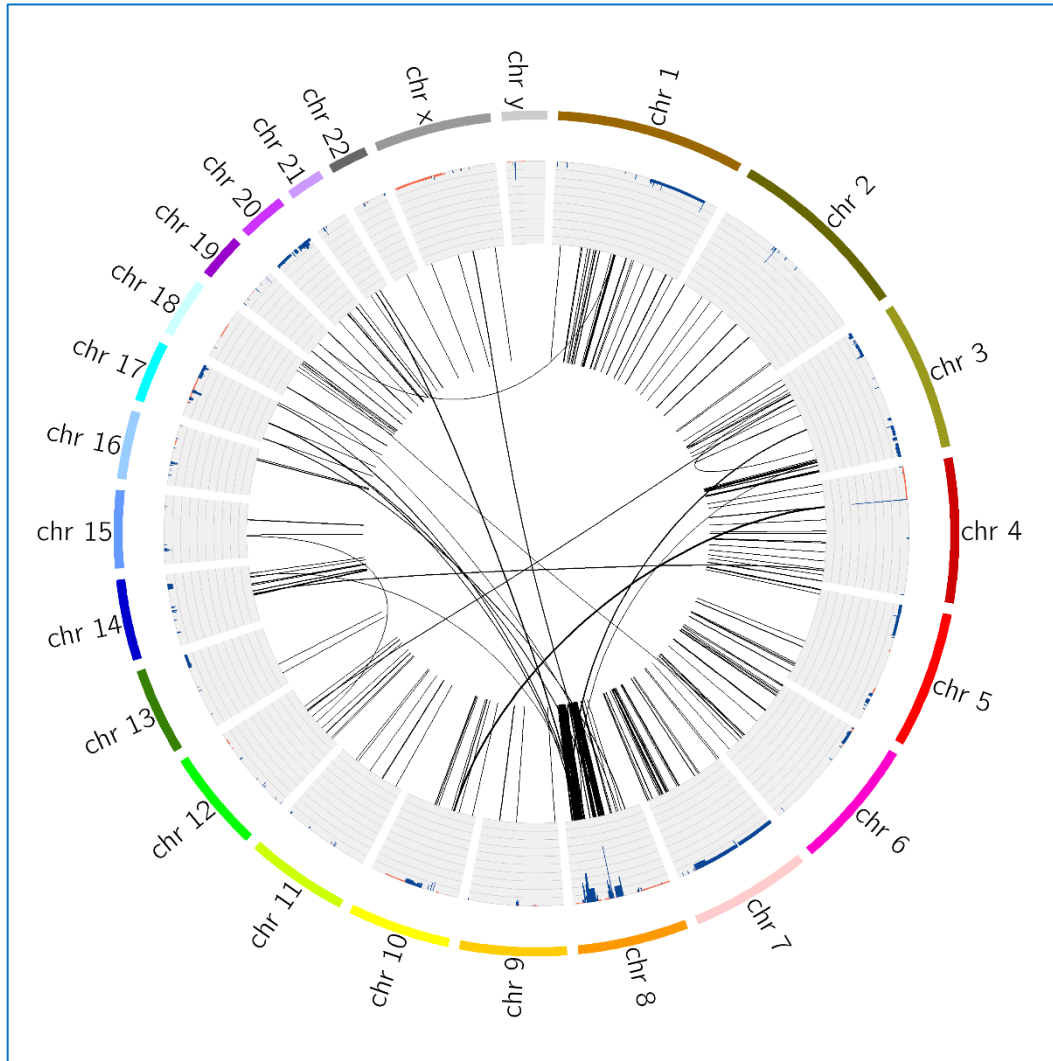
FAST – ERBB2 amplicon

SKBR3

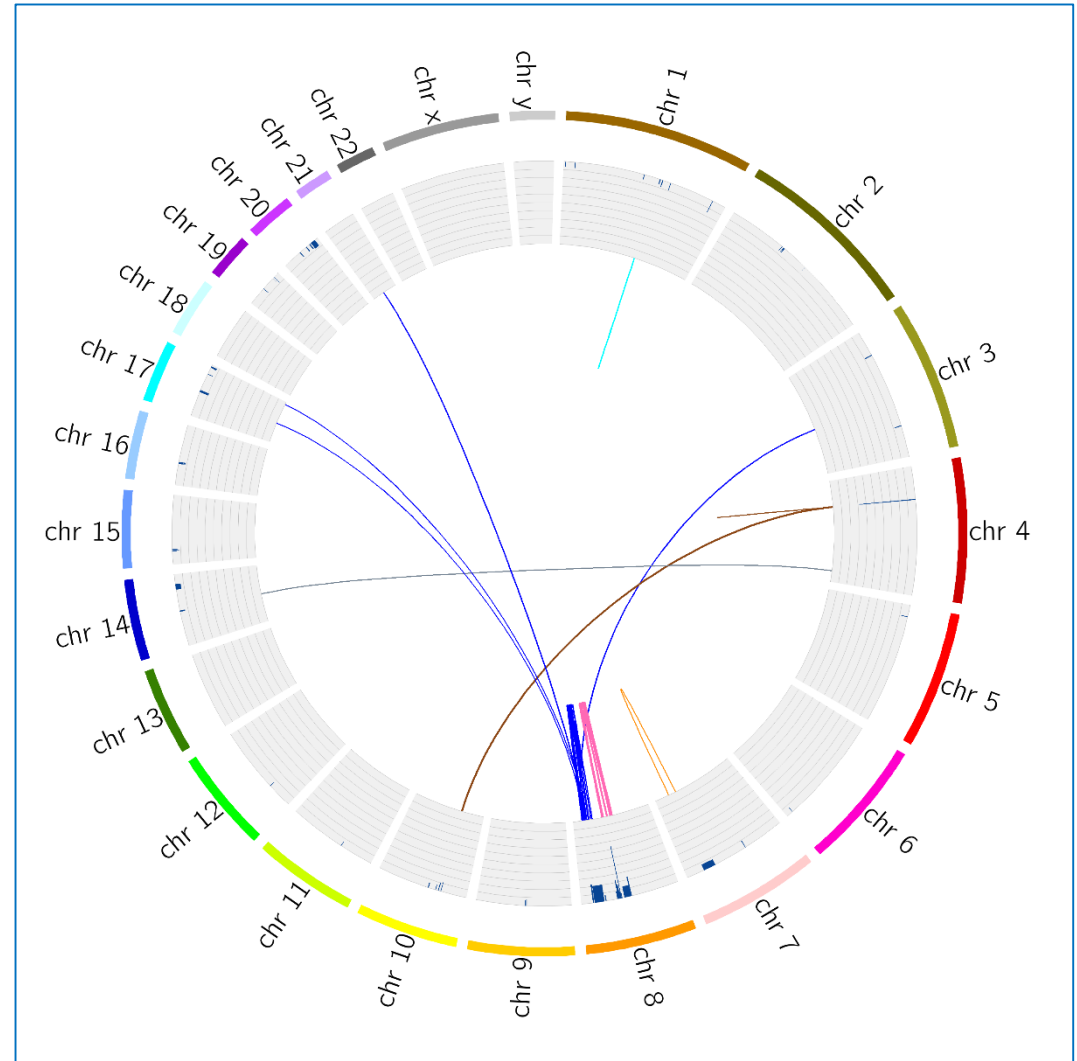


Control-FREEC

SKBR3

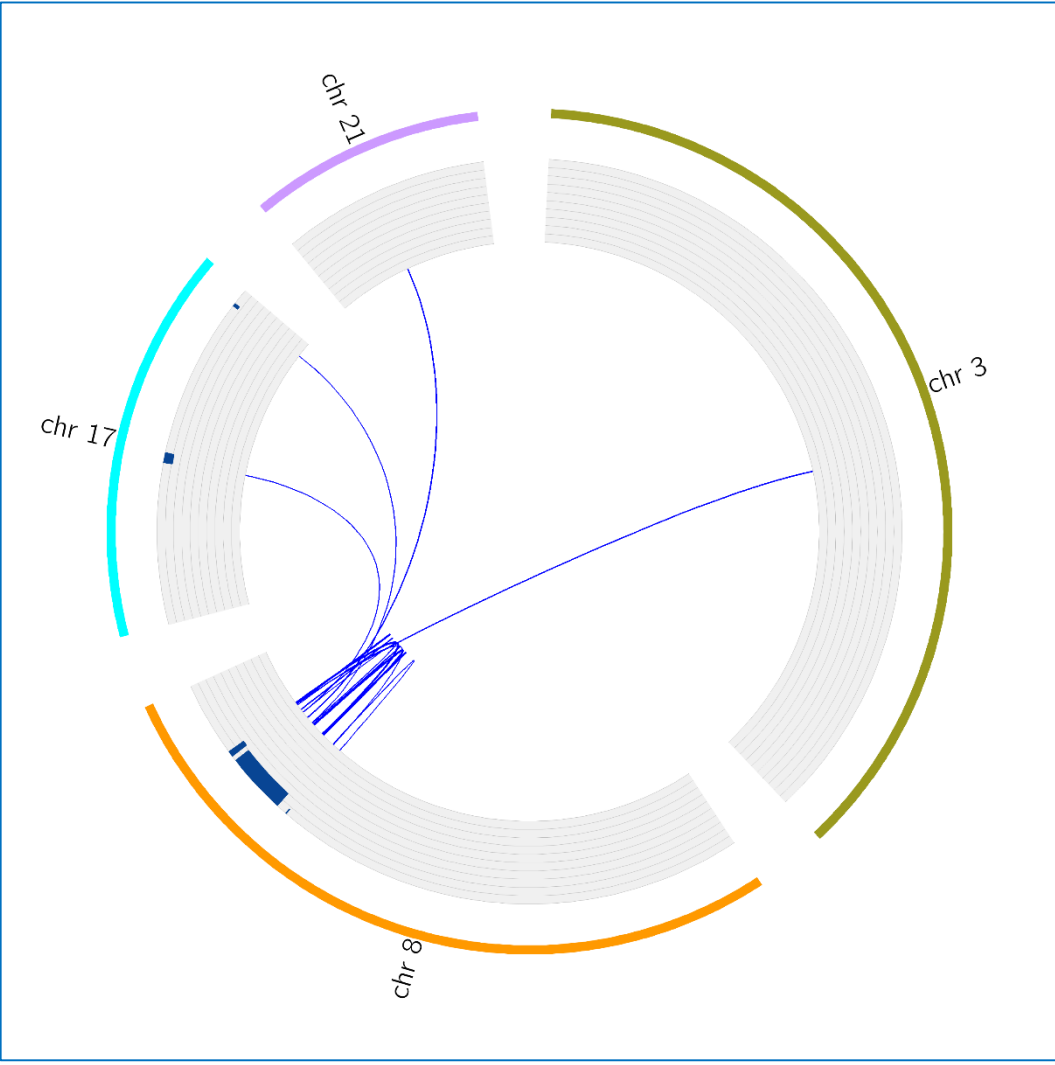


BreakDancer + Control-FREEC



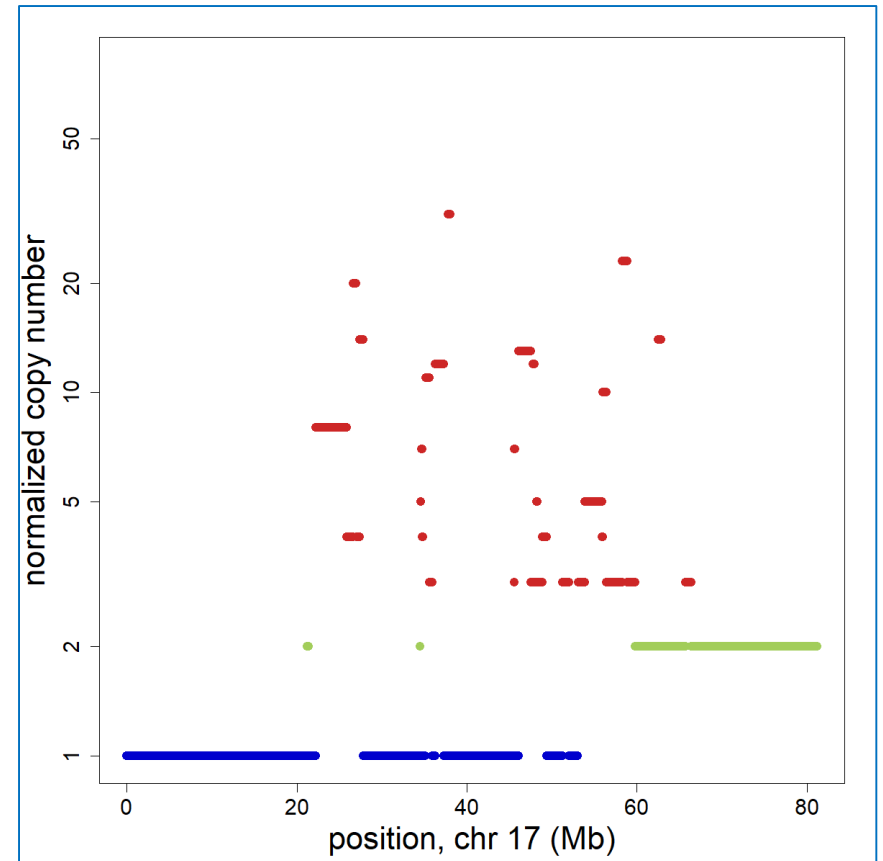
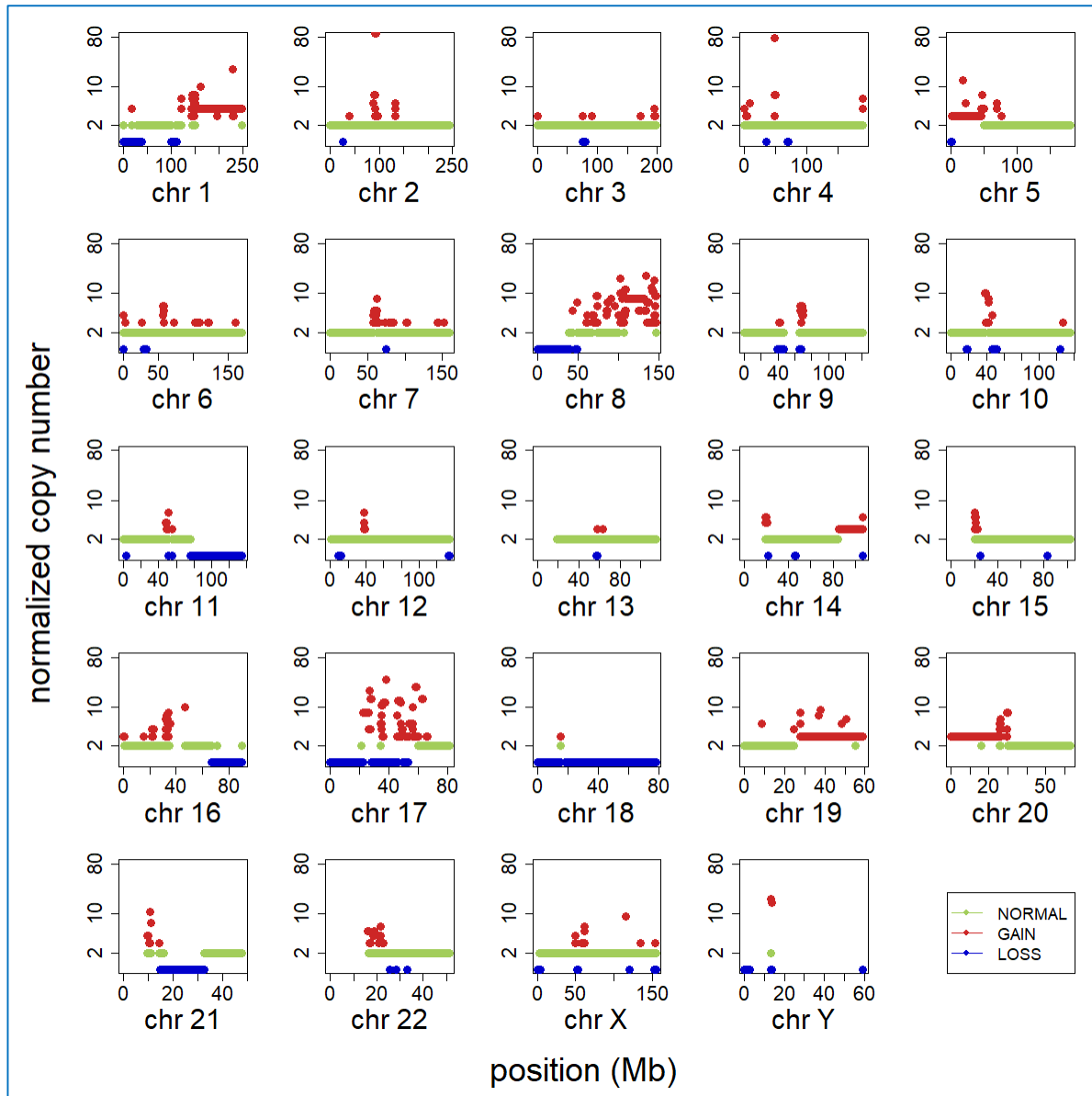
FAST – Whole Genome

SKBR3



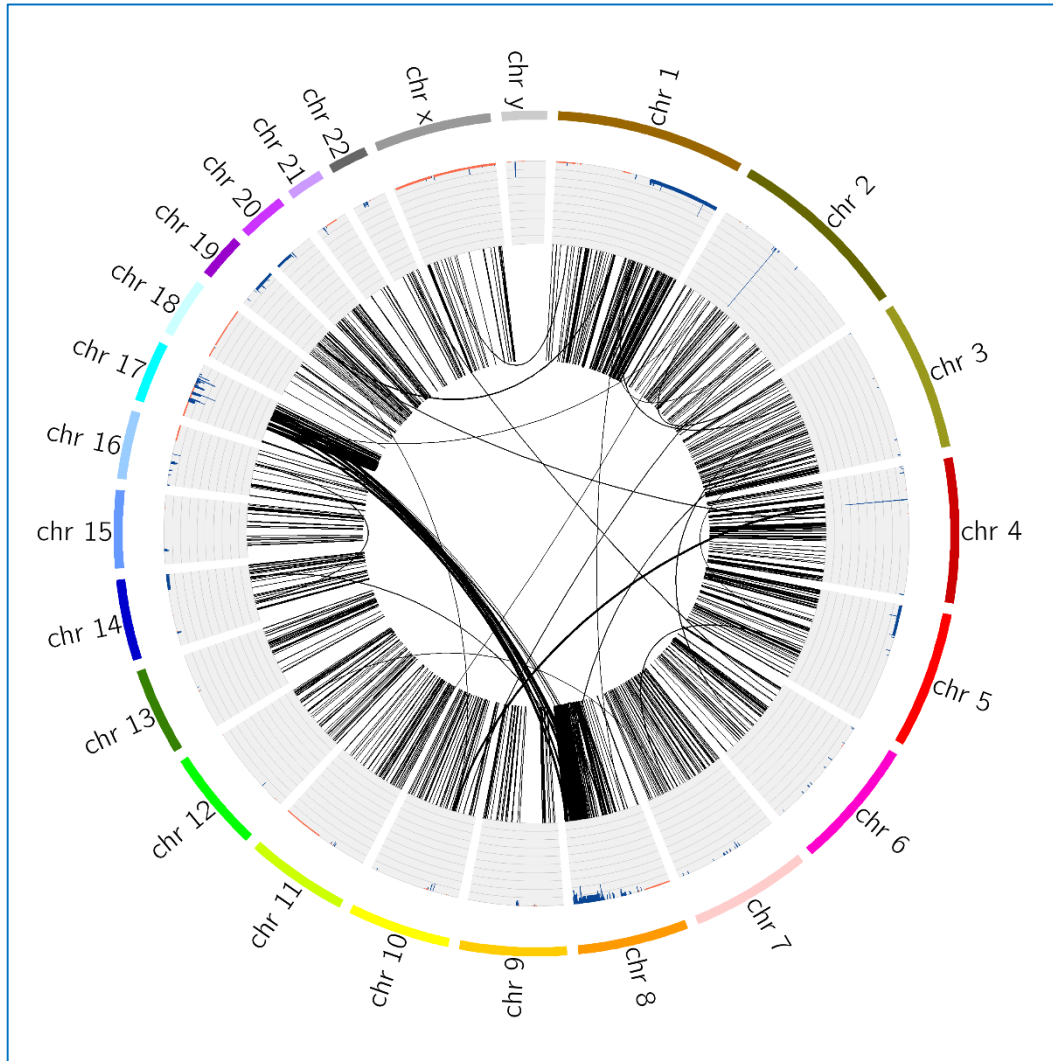
FAST – ERBB2 amplicon

ZR-75-30

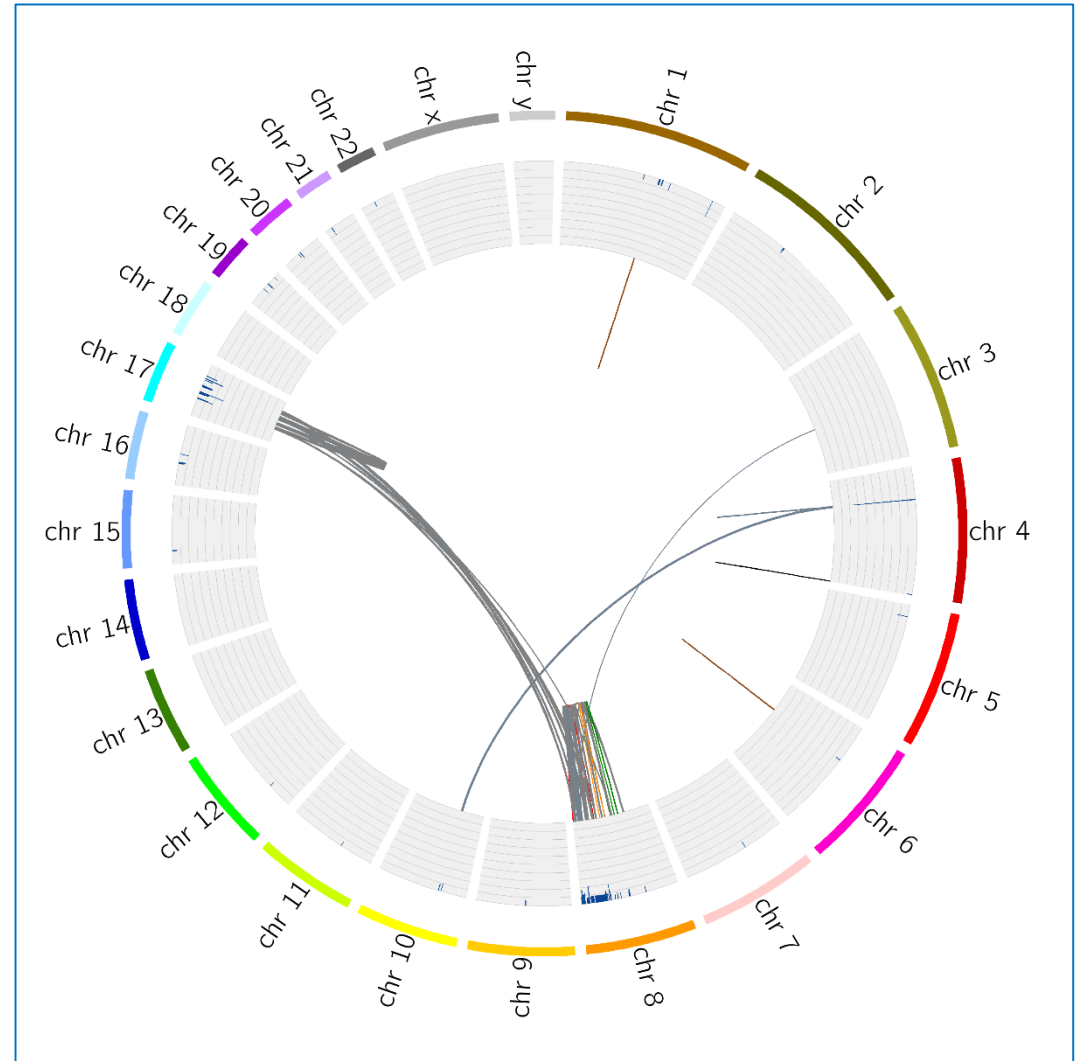


Control-FREEC

ZR-75-30

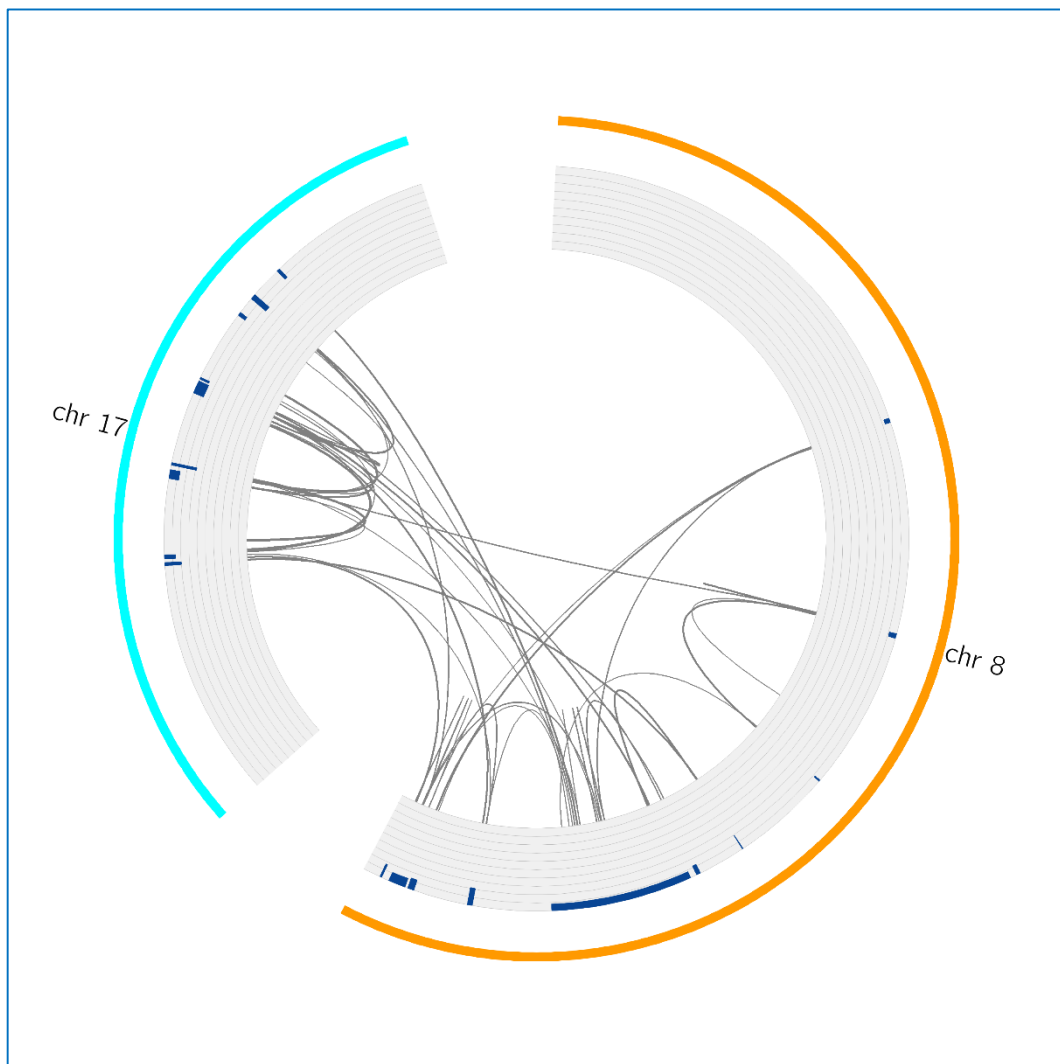


BreakDancer + Control-FREEC



FAST - Whole Genome

ZR-75-30



FAST – ERBB2 amplicon