

Variation Meeting

07/29/2015

Structural Variations in IBC Samples

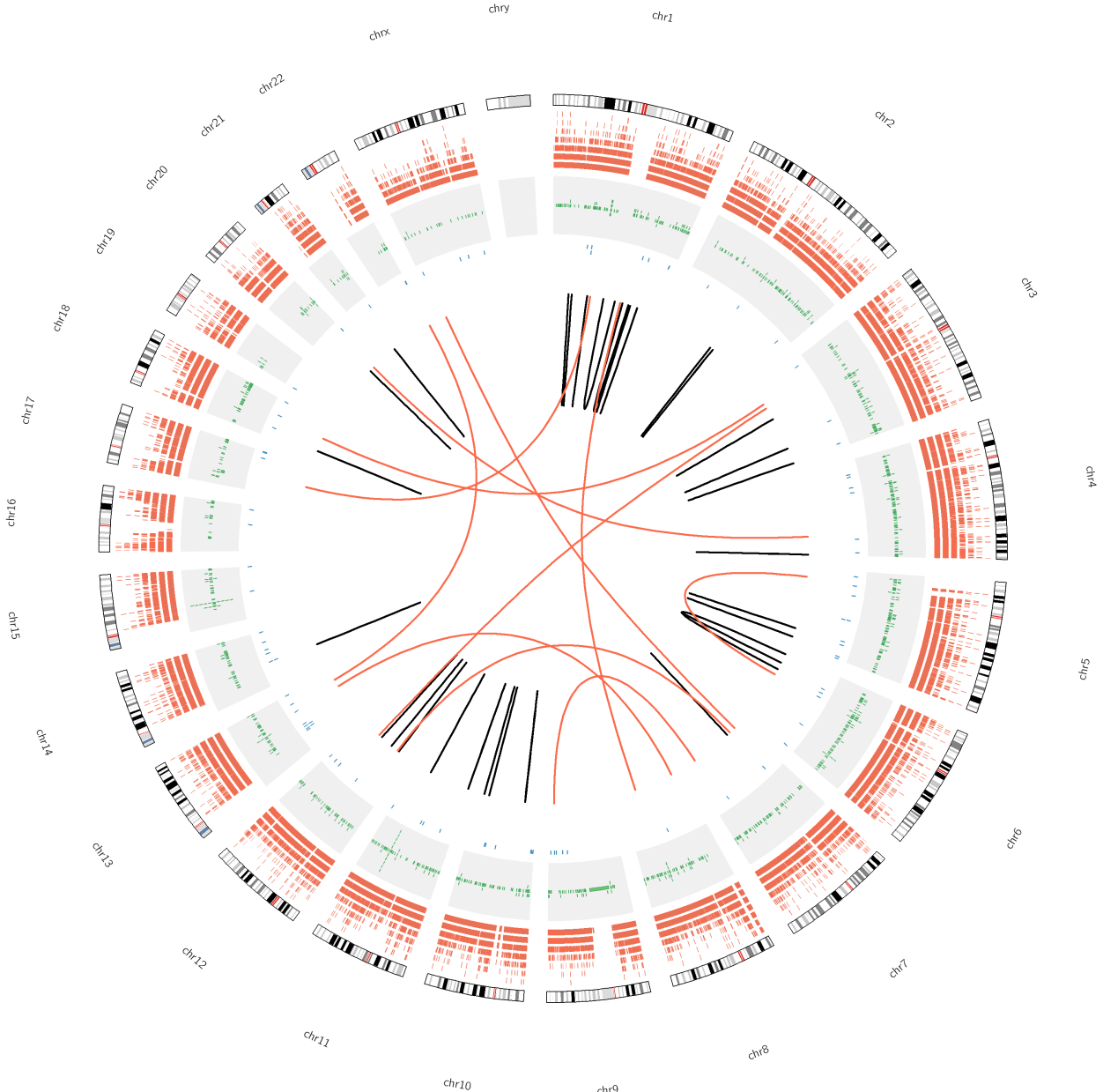
SV Type	IBC_228_germline	IBC_228_somatic	IBC_298_germline	IBC_298_somatic
DEL	1362	9	1220	33
DUP	91	27	62	33
INV	1	0	0	0
ITX	36	26	39	13
CTX	37	7	32	16
Total	1527	69	1353	94

IBC Structural variation characteristic

SV Type	Min Length	Max Length	Avg Length
DEL_germline	40 bp	33.89 mb	0.029 mb
DEL_somatic	0.289 kb	9.65 mb	1.75 mb
DUP_germline	40 bp	12.22kb	0.593 kb
DUP_somatic	4.89 kb	76.78 mb	4.99 mb

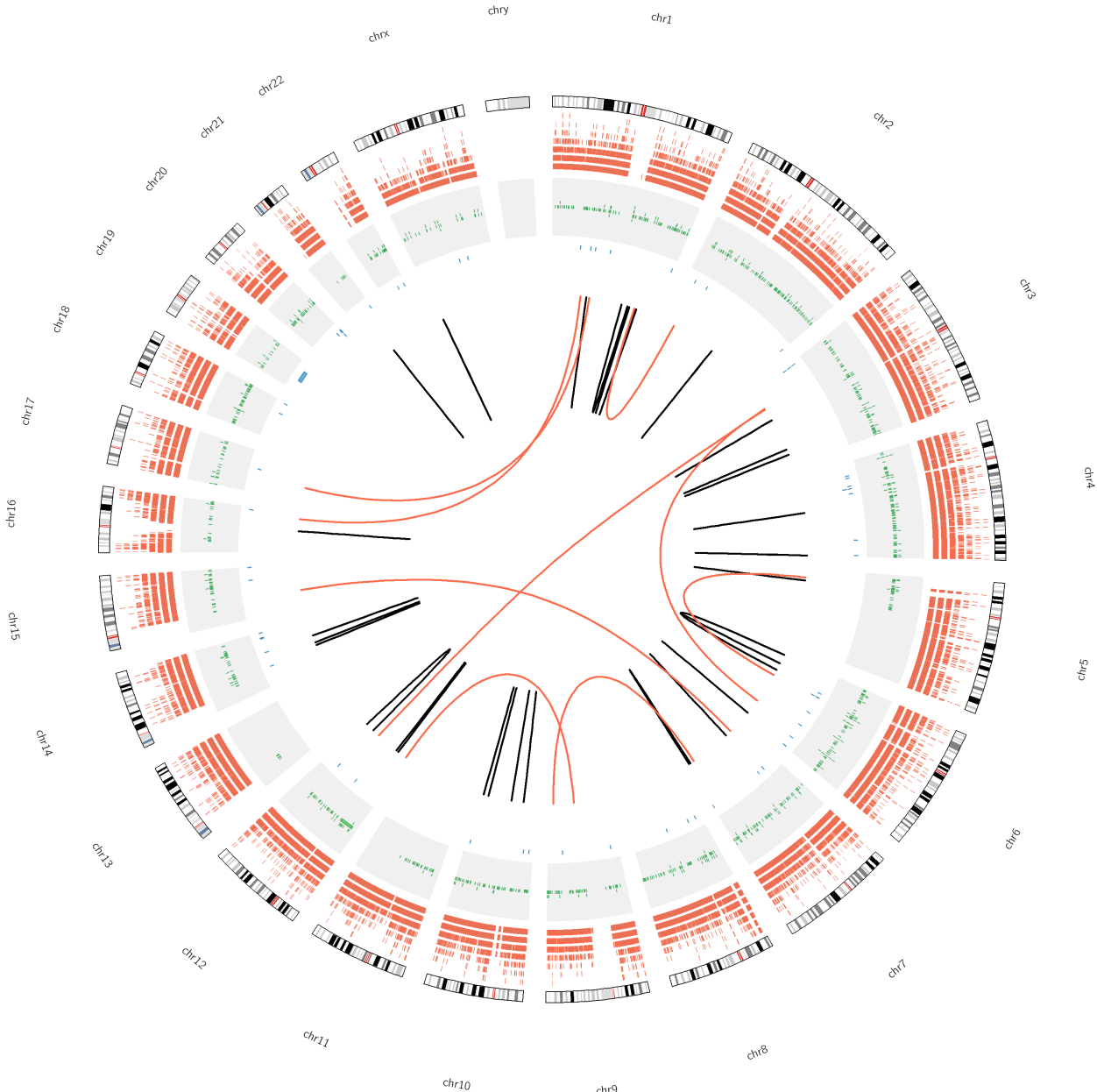
SV Type	Min Length	Max Length	Avg Length
DEL_germline	40 bp	21.71 mb	0.019 mb
DEL_somatic	53 bp	47.50 mb	3.87 mb
DUP_germline	40 bp	21.56 mb	0.348 mb
DUP_somatic	62 bp	140.65 mb	1.93 mb

Germline variations in IBC across chromosomes



Germline variations in IBC across chromosomes

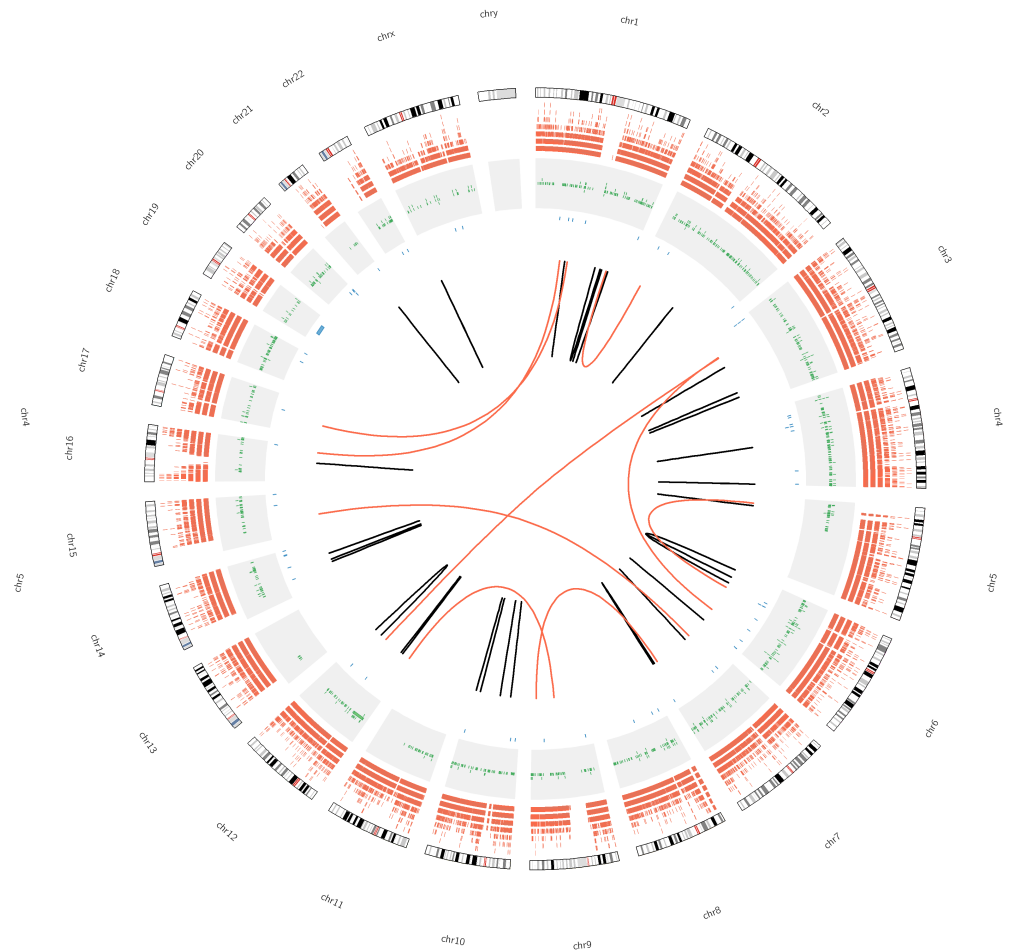
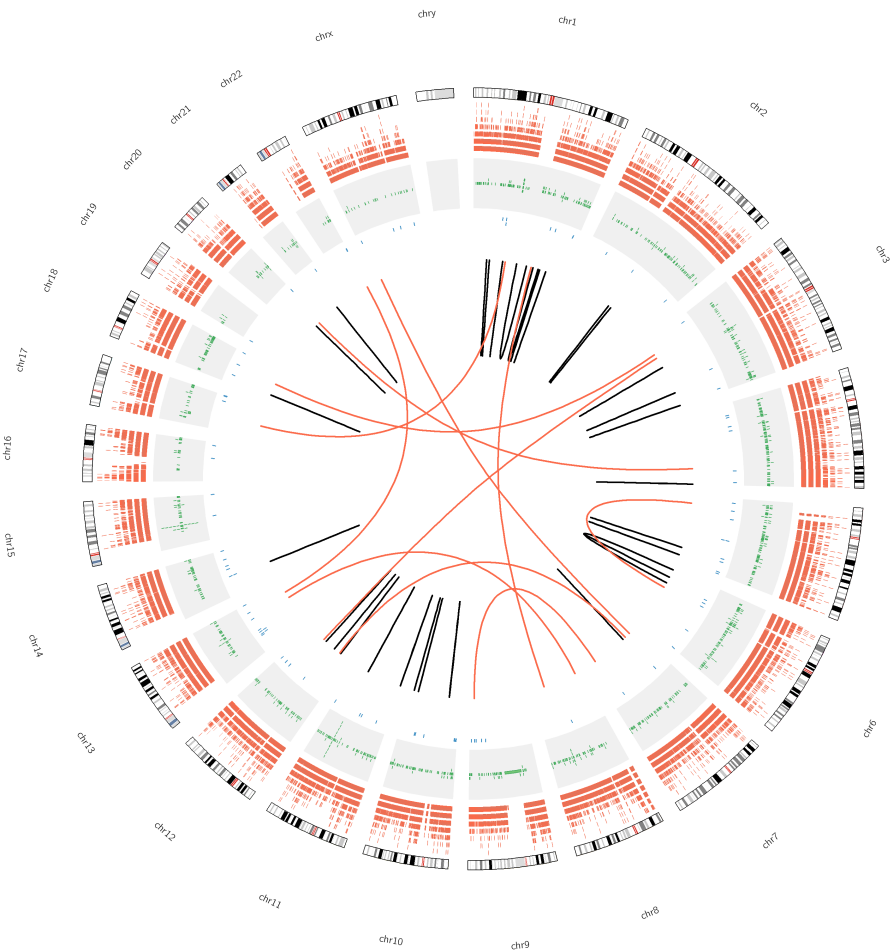
IBC 298



Germline variations in IBC across chromosomes

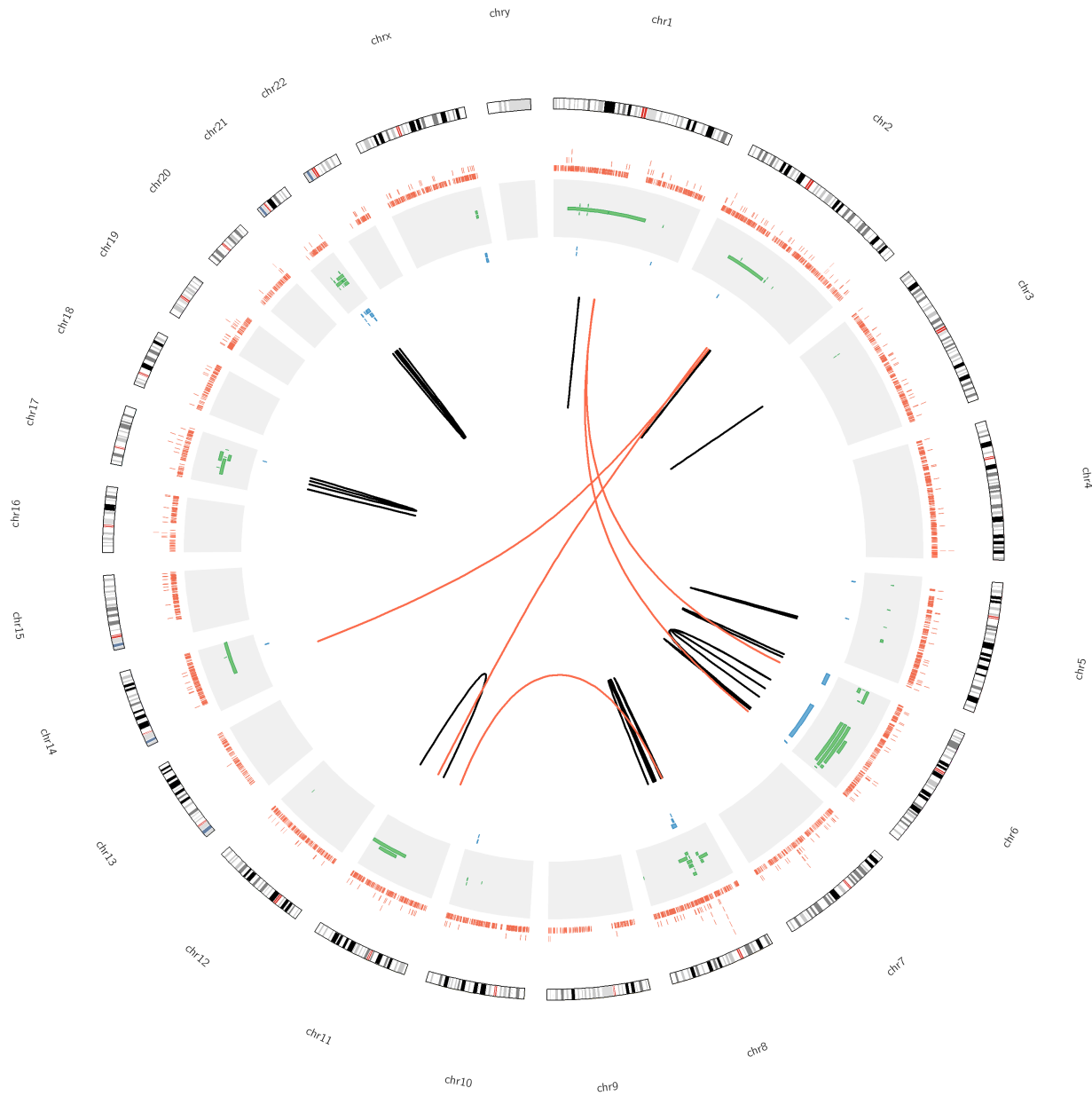
IBC 228

IBC 298

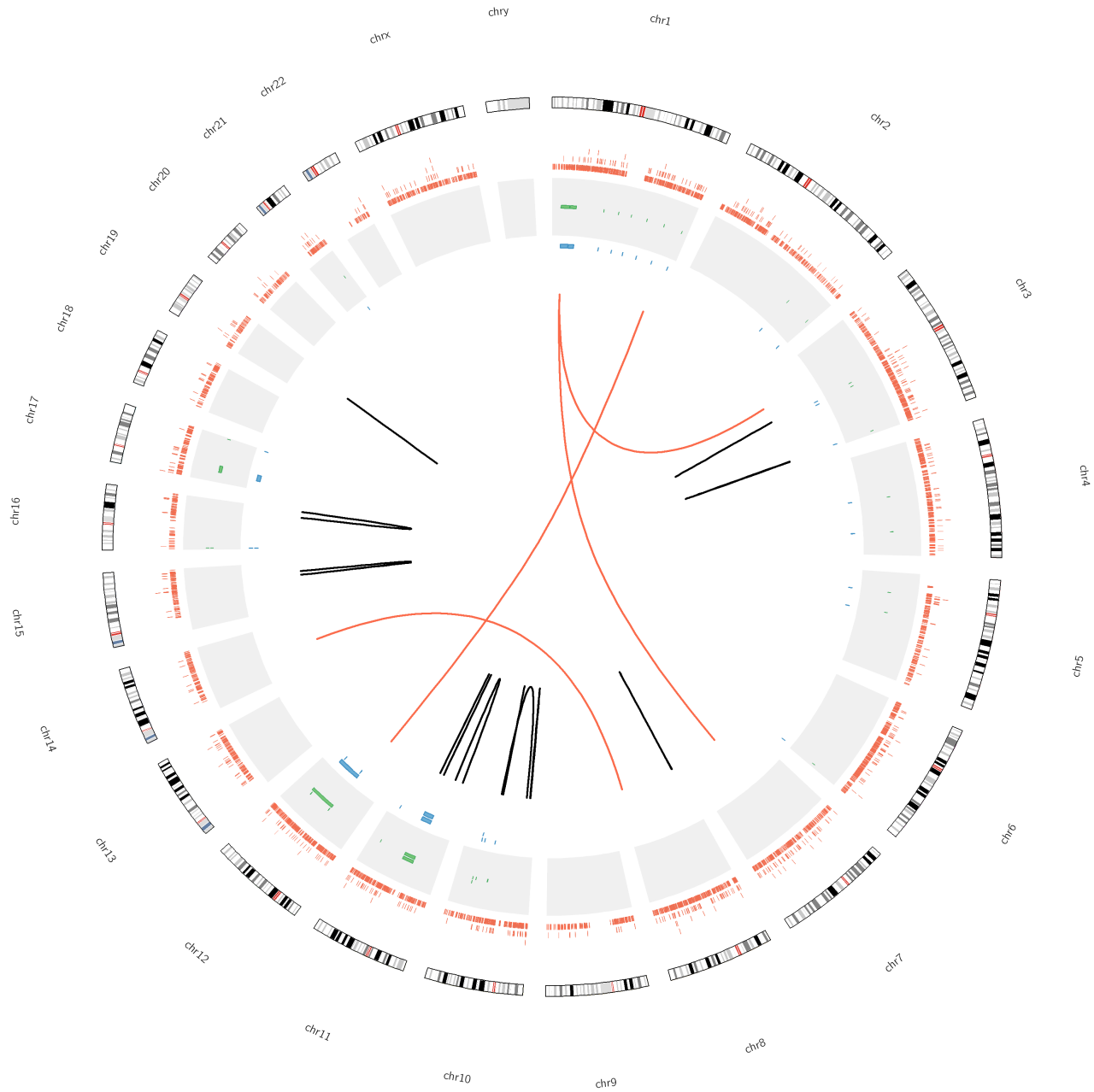


Somatic variations in IBC across chromosomes

IBC 228



Somatic variations in IBC across chromosomes



IBC 298