Analysis of CNV around RHT for stiching

Ricardo H. Ramirez-Gonzalez

First we want to stich all the coverages for a single group.

seqnames	start	end	width	strand	norm_cov	cnv_level
chr4D_part1	18174768	18177343	2576	*	1.7185726	2
chr4D_part1	18461838	18465037	3200	*	0.9087390	1
chr4D_part1	18467438	18468037	600	*	0.0000000	0
chr4D_part1	18688131	18691130	3000	*	0.8821596	1
chr4D_part1	18696131	18698530	2400	*	1.4545589	1
chr4D_part1	18723885	18724284	400	*	2.5076514	3
chr4D_part1	18781062	18785418	4357	*	1.6233020	2
chr4D_part1	18961637	18962036	400	*	2.6892301	3

seqnames	start	end	width	strand	norm_cov	cnv_level
chr4D_part1	18173768	18177343	3576	*	2.0574271	2
chr4D_part1	18461838	18465437	3600	*	1.3768191	1
chr4D_part1	18465638	18467837	2200	*	0.0377604	0
chr4D_part1	18468638	18474386	5749	*	0.3035551	0
chr4D_part1	18686931	18687530	600	*	0.4059689	0
chr4D_part1	18688331	18697530	9200	*	0.5804821	1
chr4D_part1	18697931	18700102	2172	*	2.0290139	2
chr4D_part1	18721885	18726884	5000	*	0.9446813	1
chr4D_part1	18727685	18728824	1140	*	2.1105920	2
chr4D_part1	18778862	18785418	6557	*	2.0949333	2
chr4D_part1	18961637	18964436	2800	*	0.2380148	0

seqnames	start	end	width	strand	norm_cov	cnv_level
chr4D_part1	18464238	18465437	1200	*	1.907877	2
chr4D_part1	18465638	18469037	3400	*	1.673495	2

seqnames	start	end	width	strand	norm_cov	cnv_level
chr4D_part1	18696931	18697130	200	*	1.927437	2