

Table S1: Genomic coordinates on the T2T-CHM13v1.0 reference genome that define the boundaries of the centromeric regions.

Chromosome	start	end
chr1	121619339	126824297
chr2	92297388	95077534
chr3	90339864	96498631
chr4	49705248	55303286
chr5	46161723	50962189
chr6	58243527	61413737
chr7	60041897	64188432
chr8	43846453	46920432
chr9	44938599	47609552
chr10	39068394	42061834
chr11	50537301	54487964
chr12	34485615	37369869
chr13	16220369	18249463
chr14	10125077	12841225
chr15	15683284	18327600
chr16	35743659	38213682
chr17	23407665	27656858
chr18	15542843	21125452
chr19	24352654	30261056
chr20	26281854	29953422
chr21	11699867	12078398
chr22	12326835	16903875
chrX	57593566	61247455