Structural variations in HCC1954. Genomic coordinates of all structural variations found in HCC1954 genome, strand of the sequences and genes in the structural variation regions. Genomic coordinates are indexed to the reference genome sequence NCBI 36.1 / hg18.

Interchromosomal rearrangements.

CHR12:39622580-39622666 (+) [CNTN1] <=> CHR20:57868850-57868926 (-) [SYCP2]
CHR15:29158557-29158648 (+) [TRPM1] <=> CHR20:59346861-59346978 (-) [CDH4]
CHR1:26328554-26328561 (+) [PDIK1L] <=> CHR13:26931719-26931740 (-) [MTIF3]
CHR1:9043932-9043970 (+) [SLC2A5] <=> CHR14:92782818-92782879 (+) [BTBD7]
CHR1:26328553-26328561 (-) [PDIK1L] <=> CHR14:87307435-87307535 (+) [NoGene]
CHR1:107915031-107915083 (-) [VAV3] <=> CHR2:229753752-229753817 (+) [PID1]
CHR1:4569314-4569380 (-) [NoGene] <=> CHR3:136499354-136499384 (-) [NoGene]
CHR1:91625474-91625492 (-) [HFM1] <=> CHR4:77026212-77026219 (-) [PPEF2]
CHR1:107914608-107914624 (+) [VAV3] <=> CHR5:71182496-71182513 (+) [NoGene]
CHR2:132729300-132729330 (+) [NoGene] <=> CHR16:33870711-33870781 (+) [NoGene]
CHR2:132733241-132733259 (+) [NoGene] <=> CHR16:33868618-33868646 (+) [NoGene]
CHR2:132749517-132749526 (+) [NoGene] <=> CHR16:14488415-14488451 (-) [PARN]
CHR2:132733796-132733837 (+) [NoGene] <=> CHR17:42621517-42621527 (+) [CDC27]
CHR2:132735241-132735246 (+) [NoGene] <=> CHR17:42604314-42604325 (+) [CDC27]
CHR2:132749837-132750010 (+) [NoGene] <=> CHR24:136348069-136348187 (-) [NoGene]
CHR2:132754595-132754650 (+) [NoGene] <=> CHR5:71182614-71182644 (+) [NoGene]
CHR3:137710402-137710405 (+) [STAG1] <=> CHR16:33857818-33857831 (+) [NoGene]
CHR5:1455040-1455111 (+) [SLC6A3] <=> CHR8:112664974-112665055 (-) [NoGene]
CHR5:1610815-1610939 (+) [NoGene] <=> CHR8:114686584-114686649 (+) [NoGene]
CHR5:2027278-2027353 (+) [NoGene] <=> CHR8:107324418-107324514 (+) [NoGene]
CHR5:3262085-3262180 (+) [NoGene] <=> CHR8:119873668-119873810 (+) [NoGene]
CHR5:114843636-114843723 (+) [NoGene] <=> CHR8:131470258-131470383 (-) [NoGene]
CHR5:114846618-114846691 (+) [NoGene] <=> CHR8:131509317-131509416 (+) [NoGene]
CHR5:114882837-114882902 (+) [FEM1C] <=> CHR8:131462904-131462996 (+) [NoGene]
CHR5:115177922-115178010 (-) [CDO1] <=> CHR8:129279291-129279403 (+) [NoGene]
CHR5:115180478-115180559 (+) [CDO1] <=> CHR8:130950225-130950287 (-) [FAM49B]
CHR5:116868566-116868647 (-) [NoGene] <=> CHR8:109290109-109290257 (-) [EIF3E]
CHR5:175115077-175115108 (+) [NoGene] <=> CHR8:117580286-117580304 (+) [NoGene]
CHR5:176308950-176309019 (+) [UIMC1] <=> CHR8:126109549-126109625 (+) [SQLE]
CHR5:176387847-176387908 (-) [ZNF346] <=> CHR8:127991842-127991921 (+) [NoGene]
CHR5:176458228-176458383 (+) [FGFR4] <=> CHR8:131950751-131950844 (-) [ADCY8]
CHR5:176598995-176599071 (+) [NSD1] <=> CHR8:129272516-129272603 (+) [NoGene]
CHR5:179367610-179367716 (+-) [RNF130] <=> CHR8:107902732-107902814 (+) [NoGene]
CHR5:179373840-179373929 (-) [RNF130] <=> CHR8:129277658-129277744 (+) [NoGene]
CHR5:179381598-179381664 (+) [RNF130] <=> CHR8:107905524-107905576 (+) [NoGene]
CHR5:179386176-179386261 (+) [RNF130] <=> CHR8:130934181-130934279 (+) [FAM49B]
CHR5:179441156-179441262 (-) [RNF130] <=> CHR8:129271032-129271110 (+) [NoGene]
CHR5:180392979-180393074 (-) [BTNL9] <=> CHR8:119282275-119282389 (-) [SAMD12]
CHR5:180408238-180408304 (-) [BTNL9] <=> CHR8:129286009-129286110 (-) [NoGene]
CHR5:180602102-180602236 (+) [GNB2L1] <=> CHR8:111592190-111592287 (-) [NoGene]
CHR5:180601913-180602071 (-) [GNB2L1] <=> CHR8:112775975-112776121 (+) [NoGene]
CHR5:180602061-180602128 (+) [GNB2L1] <=> CHR8:133281184-133281258 (+) [KCNQ3]
CHR5:180603244-180603293 (-) [GNB2L1] <=> CHR8:111963108-111963225 (-) [NoGene]
CHR5:180605070-180605155 (+) [GNB2L1] <=> CHR8:124967348-124967429 (+) [FER1L6]

CHR6:119600269-119600362 (+) [MAN1A1] <=> CHR8:82917210-82917323 (+) [SNX16]
CHR8:39416759-39416795 (+) [NoGene] <=> CHR11:69629641-69629762 (-) [ANO1]
CHR8:39420687-39420753 (+) [NoGene] <=> CHR11:69630273-69630373 (+) [ANO1]
CHR8:107684681-107684719 (-) [OXR1] <=> CHR11:68683507-68683574 (-) [NoGene]
CHR8:130637454-130637533 (+) [NoGene] <=> CHR11:60028750-60028853 (+) [MS4A12]

Deletions.
CHR1: 156993554-156994630
CHR1: 208001923-208002563
CHR2: 134977150-134978340
CHR2: 151749445-151749734
CHR4: 67948809-67949056
CHR5: 1096457-1096751
CHR5: 1097808-1099831
CHR5: 1189580-1189728
CHR5: 1223335-1223870
CHR5: 12239497-12239791
CHR5: 20054659-20054966
CHR6: 31445832-31449951
CHR8: 100136070-100144101
CHR8: 108648681-108648862
CHR8: 129282242-129285997
CHR8: 98269324-98269661
CHR9: 135853422-135853796
CHR9: 13953776-13955077
CHR9: 139892447-139893323
CHR10: 130071031-130071255
CHR11: 102107033-102107266
CHR14: 90109500-90109672
CHR17: 60702538-60702850
CHR19: 3945559-3945905
CHR20: 59418861-59419036
CHR21: 36597977-36598205

Inversions.
CHR5: 1379418-114852972
CHR5: 175113225-175147686
CHR8: 107903187-131460104
CHR8: 109603808-128241346
CHR8: 127925334-130546523
CHR8: 128994839-129282422
CHR8: 129281579-131459111
CHR17: 34893449-34894401
CHR17: 34901093-34901801
CHR17: 35069218-35069594
CHR17: 35389833-35391152

Tandem duplications.
CHR3: 196024713-196027587
CHR5: 1183700-1183617

CHR6: 35862673-35874689
CHR20: 59337857-59337772