Complex

DEL = Deletion

LINE = Line elements

DUP = Duplication

PAIR\_OTHER

PAIR\_INF

INF = Inferred

SGL = Single breakend

LOW\_VAF = low variant allele frequency

UNBAL\_TRANS = unbalanced translocation

RECIP\_INV = 2 facing inversions with outer breakends overlapping (concurrent double stranded breaks)

SGL\_PAIR\_INS = single break end pair insertion

INV = Inversion

RECIP\_TRANS = 2 translocations forming deletion bridges on both arms (concurrent double stranded breaks)

SGL\_PAIR\_DUP = single break end pair duplication

RECIP\_INV\_DUPS = 2 facing inversion with inner breakends overlapping (concurrent tandem duplications)

UNBAL\_TRANS\_TI = ????

RECIP\_TRANS\_DUPS = 2 translocations with facing breakends on both arms (concurrent tandem duplications)

RECIP\_TRANS\_DEL\_DUP = 2 translocations forming a deletion bridge on one arm and facing breakends on other arm

SGL\_PAIR\_DEL

FB\_INV\_PAIR

RESSOLVED\_FOLDBACK

RECIP\_INV\_DEL\_DUP = inversion enclosing inversion with opposite orientation (Tandem Duplication + Double Stranded Break)

DEL\_TI

DUP\_BE= duplication breakend???

DOUBLE\_minute

INS = insertion

DUP\_TI

RECIPROCAL = Reciprocal inversion or translocation events forming from 2 concurrent breaks interacting with each other

COMPLEX = Clusters with 3 or more variants that cannot be resolved into one of the above categories

FB= foldback

INF = Inframe or Inferred ?????