del(1)(p36.22)

- deletion on Chr1: 10350879(p36.22) - 11018745(p36.22)

- all genes near breakpoints: ['RNU6-9', 'EXOSC10-AS1', 'MASP2', 'CENPS', 'MIR6859-4', 'MIR6859-1', 'C1orf127', 'MIR1302-10', 'MTOR-AS1', 'RNU6-2', 'CENPS-CORT', 'FAM138C', 'PGD', 'UBE4B', 'KIF1B', 'PEX14', 'FAM138F', 'DDX11L1', 'RNU6-8', 'RNU6-7', 'MIR1302-11', 'RNU6-1', 'FAM138A', 'MTOR', 'WASH7P', 'DFFA', 'SRM', 'DDX11L17', 'MIR1302-9', 'EXOSC10', 'LOC729737', 'TARDBP', 'ANGPTL7', 'CORT', 'MIR6859-3', 'MIR1302-2', 'MIR6859-2', 'FAM138D', 'OR4F5']

- genes near breakpoints documented in DDG2P:
PEX14(601791): PEROXISOME BIOGENESIS DISORDER COMPLEMENTATION GROUP K(601791)
MTOR(601231): Smith-Kingsmore syndrome(616638)

- all genes with -1 CN: ['KIF1B', 'PGD', 'CENPS-CORT', 'CENPS', 'CORT', 'DFFA', 'PEX14', 'CASZ1', 'C1orf127', 'TARDBP']

- genes with -1 CN documented in DDG2P:
PEX14(601791): PEROXISOME BIOGENESIS DISORDER COMPLEMENTATION GROUP K(601791)

del(15)(q13.2)

- deletion on Chr15: 30158909(q13.2) - 30505167(q13.2)

- all genes near breakpoints: ['ULK4P2', 'GOLGA8IP', 'GOLGA8T', 'DNM1P50', 'CHRFAM7A', 'GOLGA8Q', 'WHAMMP1', 'LOC100288203', 'GOLGA8N', 'LINC02249', 'ULK4P1', 'GOLGA8J', 'GOLGA8H', 'ULK4P3', 'LOC100288637', 'LOC102725021', 'CHRNA7', 'LOC100996413', 'TJP1', 'LINC02256', 'ARHGAP11B', 'GOLGA8R']

- genes near breakpoints documented in DDG2P: None

- all genes with -1 CN: ['LINC02249', 'CHRNA7', 'CHRFAM7A', 'DNM1P50', 'GOLGA8R', 'LOC102725021', 'LOC100288203', 'WHAMMP1']

- genes with -1 CN documented in DDG2P: None