inv(17)(p11.2)

- inversion on Chr17: 16806184(p11.2) - 18509508(p11.2)

- all genes near breakpoints: ['TNFRSF13B', 'KRT16P1', 'EVPLL', 'SCGB1C2', 'FAM106C', 'MIR6778', 'LOC284191', 'CCDC144A', 'LINC02091', 'SMCR8', 'ZNF286B', 'TBC1D28', 'USP32P1', 'KRT17P5', 'ZNF624', 'LGALS9C', 'TOP3A', 'TBC1D27P', 'USP32P2', 'DOC2B', 'LINC02076', 'CCDC144B', 'KRT16P2', 'FOXO3B', 'TRIM16L', 'KRT17P1', 'FAM106A', 'KRT17P2', 'LINC02090', 'SHMT1']

- genes near breakpoints documented in DDG2P:

TNFRSF13B(604907): IMMUNODEFICIENCY, COMMON VARIABLE, 2(240500)

TOP3A(601243): Bloom Syndrome like Disorder(No disease mim)