



**Cytogenetic characterization of HN1957.** (A) The array CGH profile shows copy number alterations on several chromosomes. Green bars (top down) represent copy number gains at the corresponding position in the genome. Red bars (bottom up) indicate copy number losses. Bars reaching beyond the middle axis (probability >0.5) were called as gains or losses. (B) The spectral karyotype of a representative metaphase reveals various chromosomal alterations: 75,XX,+X,+2xdel(X)(p13→qter),+1,+2,+der(3)t(3;14)(p11→qter;qter→q11),+4,+5,+i(5)(p10),+6,+7,+2xder(8)t(5;8)(?;p10→qter),+2x9,+der(9)t(X;9)(?;p13→qter),+der(10)t(10;17)(p10→qter;qter→q10),+2x11,+del(11)(pter→q10?),+12,+13,der(14)t(13;14)(qter→q11;p11→qter),+15,+i(15)(q10),+16,+17,+19,+2x20,+21,i(22)(q10). White arrows indicate chromosomes with color junctions.