

Table 1. BAC clones

Clone name	Chromosome location	Genes
RP11-76D17	chr2:14,578,555–14,758,698	<i>FAM84A</i>
RP11-163G14	chr2:14,523,320–14,693,212	<i>FAM84A</i>
RP11-832L20	chr2:15,224,381–15,427,182	<i>NAG</i>
RP11-422A6	chr2:15,598,791–15,735,658	<i>DDX1</i>
RP11-480N14	chr2:15,958,001–16,125,748	<i>MYCN</i>
RP11-369M18	chr2:16,567,320–16,777,162	<i>FAM49A</i>
RP11-1152L17	chr2:17,535,078–17,772,286	<i>VSNL1</i>
RP11-1031P4	chr18:42,010,266–42,184,163	<i>C18orf25</i>
RP11-594A17	chr18:44,137,938–44,305,300	none
RP11-229B6	chr18:45,697,171–45,864,397	<i>MYO5B</i>
RP11-624I21	chr6:49,742,298–49,789,242	<i>PKG2/CRISP2</i>

Table 2. Integrated SKY/mBAND karyotypes

Cell line	SKY/mBAND composite karyotypes
LAN5	Clone 1: (10/20 cells) 46,XY,der(1)t(1;17)(p33;q21.2),del(6)(q21),der(8)t(7;8)(?q32.1*;p23.3),9~43 dmin Clone 2: (10/10 cells) 46,XY,der(1)t(1;17)(p33;q21.2),del(6)(q21),9~43 dmin
GOTO	44,X?Y,der(1)t(1;2)(p32;hsr2p24pter),der(2)t(2;15)(p23;q?),del(4)(q13.1q13.3),dup(5)(q14q21),+der(7)(8?→8?::15q? →q11::7p11→7qter),der(8)(8pter→8q23::2p22→2p23::17q22→q25::8q24→8qter),der(9)t(9;15)(pter;q26), del(11)(p?),del(11q23),del(13)q22),-14,der(14)t(6;14)(q11;p11),-15,der(15) (16pter→16qter::14qter→14q11::15p11→qter),-16,del(20)(p11.2?),der(21)t(2;21)(?;?q21),der(21)t(8;21)(?;?)
Y79	46,X,X,+der(1)(hsr18q21.1,hsr18q23::hsr2p24→2p16→2p12::1p11→1qter),der(2)(11?→11?::2?q36→2?q24::2p?22→ 2qter::11?→11?),del(3)(q27),der(4)t(4;17)(p16;q21.3),del(5)(p13.2),der(6)t(6;21)(q24;q21),der(6)(7q?31→7q?3::6pter →6qter),del(7)(q11),?pinv(8)(p11q13),der(9)t(9;13)(p11;q11),del(10)(?p10?p12),der(11)t(8;11)(q13;p15),der(12)t(X;1 2)(q21;q24),der(12)t(7;12)(q11;q24),der(13)t(13;13)(p10;q13)×2,dup(15)(?q15?q22)×2,del(16)(?q12?q13),der(20)t(?9; 20)(?p11;q13),inv(21)(q11q22)
IMR32	Clone 1: (7/20 cells) 47~48,XY,+1,der(1)(hsr2p24,2p14::17q21.2~17q25.3::1p33→1q44)×2,der(16)t(15;16)(q15.2;q22), der(19)t(6;19)(?;q13.43) Clone 2: (7/20 cells) 49,XY,+dup(1)(p32.3p36.3),der(1)(hsr2p24,2p14::17q21.2→17q25.3::1p33→1q44)×2,+6,+12, der(16)t(15;16)(q15.2;q22)

Table 3. Selected genes analyzed by aCGH in GOTO

Region	Basepair location	Genes
Peak 1	chr2:5,750,250–5,758,968	<i>SOX11</i>
Peak 2	chr2:10,180,186–10,505,221	<i>RRM2, HPCAL1, ODC1</i>
Peak 3	chr2:15,999,497–16,004,580	<i>MYCN</i>
Peak 4	chr2:20,734,731–151,032,955	<i>FLJ21820, GDF7, HS1BP3, RHO8</i>

Table 4. Selected genes analyzed by aCGH in Y79

Region	Basepair location	Genes
Peak 1	chr18:41,817,500–42,435,624	<i>PSTPIP2, ATP5A1, CCDC5, C18orf25, RNF165, LOXHD1</i>
Peak 2	chr18:43,821,492–44,643,582	none
Peak 3	chr18:45,563,872–46,046,863	<i>ACAA2, CCDC11</i>
Peak 4	chr18:72,336,465–72,534,580	<i>FLJ44313, FLJ44881</i>