

Supplementary Table SI. The list of 331 BAC clones, for which the average signal ratios in T-samples differed significantly from those in both C- and N-samples.

BAC clone ID	Location *
RP11-41H8	1p36.33
RP11-51D17	1p36.32
RP11-476D13	1p36.22
RP11-169K16	1p36.13
RP11-145C4	1p36.13
RP11-276L11	1p35.2
RP11-89P8	1p35.2
RP11-104P21	1p35.1
RP11-88J24	1p34.3
RP11-89N10	1p34.3
RP11-221L2	1p32.2
RP11-181B18	1p31.1
RP11-193E22	1p31.1
RP11-237C19	1p31.1
RP11-259N12	1p21.1
RP11-110J1	1q23.1
RP11-536C5	1q23.2
RP11-91G14	1q23.2
RP11-28D10	1q24.2
RP11-212K9	1q25.3
RP11-65I22	1q32.1
RP11-335O13	1q32.1
RP11-70G20	1q32.1
RP11-249H15	1q32.1
RP11-145I13	1q32.2
RP11-79M12	1q32.2
RP11-161F11	1q32.3
RP11-45L21	1q41
RP11-192M1	1q42.12
RP11-123I5	1q42.2
RP11-155C15	1q42.2
RP11-188A4	1q43
RP11-91E9	2p24.3
RP11-88F6	2p23.3
RP11-57F9	2p23.2
RP11-90D1	2p16.1
RP11-91G19	2p13.3
RP11-84M16	2p11.2
RP11-89O22	2q12.1
RP11-1L22	2q21.2
RP11-81P1	2q24.1
RP11-57C6	2q33.1
RP11-53G6	2q35
RP11-91C14	2q36.3-2q37.1
RP11-121D3	3p26.3
RP11-91K4	3p25.3
RP11-105H19	3p25.3
RP11-57D6	3p25.2
RP11-41F5	3p24.3-3p24.2
RP11-119L2	3p22.1

RP11-81N21	3p21.33-3p21.32
RP11-91M18	3p21.31
RP11-91M15	3q11.2
RP11-153K19	3q13.2
RP11-169N13	3q13.33
RP11-162J10	3q22.3
RP11-326J2	3q29
RP11-317B7	4p16.3
RP11-7A6	4p16.2
RP11-75N18	4p16.1
RP11-101J14	4p16.1
RP11-17I9	4p16.1
RP11-160F4	4p15.1
RP11-17P19	4q21.21
RP11-81P7	4q32.1
RP11-91A5	5p14.3
RP11-190C5	5q11.2
RP11-59G13	5q11.2
RP11-174I22	5q12.1
RP11-480H11	5q12.3
RP11-87D20	5q12.3
RP11-91I17	5q14.1
RP11-89G4	5q23.3
RP11-21C10	5q31.1
RP11-233E5	5q31.2
RP11-79K4	5q31.3
RP11-91G17	5q33.2
RP11-105L4	5q35.2
RP11-13F18	6p25.3
RP11-24N8	6p25.1
RP11-177C16	6p24.3
RP11-91C13	6p24.3
RP11-27F12	6p23
RP11-119C22	6p21.31
RP11-425A7	6p21.31
RP11-552E20	6p21.2
RP11-105P7	6p21.2
RP11-284E1	6p12.1
RP11-88N6	6q12
RP11-554D15	6q13
RP11-177G23	6q14.1
RP11-32O2	6q14.3
RP11-79I12	6q21
RP11-721G11	6q22.1
RP11-138M12	6q22.31
RP11-177M14	6q23.2
RP11-557H15	6q23.2
RP11-91G15	6q23.3
RP11-472G23	6q25.1
RP11-79G16	7p21.2
RP11-89B15	7p21.1
RP11-34N11	7p15.1
RP11-89N17	7p14.3
RP11-115G23	7p14.2

RP11-146C1	7p13
RP11-11D14	7p12.3
RP11-91C9	7p12.1
RP11-90C3	7q11.21
RP11-49N15	7q21.3
RP11-110C11	7q31.2
RP11-48O1	7q31.32
RP11-81B7	7q32.1
RP11-79K23	7q35-7q36.1
RP11-106C6	7q36.1
RP11-81I21	7q36.1
RP11-58F7	7q36.3
RP11-241I4	8p23.1
RP11-80B8	8p23.1
RP11-89M8	8p21.3
RP11-90M13	8p21.2
RP11-232J22	8p21.2
RP11-116F9	8p21.1
RP11-89N2	8p12
RP11-265K5	8p12
RP11-100B16	8p12-8p11.23
RP11-88J18	8q24.12
RP11-150N13	8q24.13
RP11-184M21	8q24.22
RP11-88M23	8q24.22
RP11-13A18	8q24.3
RP11-156G14	9p13.3
RP11-61G7	9p13.3
RP11-12P15	9p13.2
RP11-3J10	9p13.2
RP11-16N10	9q21.11
RP11-159H20	9q21.2
RP11-85C21	9q33.3
RP11-667H17	9q21.33
RP11-14C18	9q21.33
RP11-8C21	9q22.1-9q22.2
RP11-31N23	9q22.2
RP11-34J23	9q22.32
RP11-69F21	9q22.33
RP11-413C10	9q31.1
RP11-408O19	9q32
RP11-10I9	9q32
RP11-46P18	9q32
RP11-16A3	9q32
RP11-1M19	9q33.3
RP11-339B21	9q34.11
RP11-88G17	9q34.11
RP11-170E9	9q34.13
RP11-485N19	9q34.3
RP11-611D20	9q34.3
RP11-417A4	9q34.3
RP11-809C18	10p15.3
RP11-89H22	10p15.1
RP11-77O20	10p15.1

RP11-197K17	10p14
RP11-89C21	10p14
RP11-394I23	10p13
RP11-66F24	10p12.2
RP11-90F7	10p12.2
RP11-80H4	10q11.21
RP11-92I18	10q11.23
RP11-79A2	10q21.1
RP11-91H19	10q21.1
RP11-50K4	10q22.1
RP11-17O5	10q22.3
RP11-428P16	10q22.3
RP11-157J13	10q22.3
RP11-342M3	10q22.3
RP11-89G15	10q24.32
RP11-541N10	10q24.33
RP11-106N20	10q25.2-10q25.3
RP11-33D13	10q25.3
RP11-79A18	10q26.11
RP11-79M19	10q26.11
RP11-47G11	10q26.13
RP11-16P8	10q26.2
RP11-88B12	10q26.2
RP11-400F15	10q26.3
RP11-408L20	10q26.3
RP11-90P9	11p15.4
RP11-205O15	11p15.4
RP11-21N2	11p15.4
RP11-39F19	11p15.2
RP11-89P13	11p15.2
RP11-80B10	11p15.1
RP11-203L7	11p14.2
RP11-128F16	11p13
RP11-36H11	11p13-11p12
RP11-100N3	11q11
RP11-49D19	11q12.3
RP11-160L9	11q13.2
RP11-120P20	11q13.4
RP11-119C13	11q13.5
RP11-102K15	11q14.1
RP11-5G24	11q22.1
RP11-163A13	11q23.1
RP11-100J10	11q23.1-11q23.2
RP11-36M5	11q23.2
RP11-35P15	11q23.3
CTD-2193M6	Not found
RP11-7F12	11q25
RP11-24N12	12p13.33-12p13.32
RP11-451H11	12p13.31
RP11-502N13	12p13.1
RP11-174L5	12p12.3
RP11-90K13	12p11.21
RP11-463G20	12q12
RP11-79O1	12q13.13

RP11-1100L3	12q13.13
RP11-39G24	12q14.1
RP11-82I16	12q22
RP11-74K11	12q22
RP11-64J11	12q23.1
RP11-205I24	12q23.3
RP11-5O2	12q23.3
RP11-333I15	12q24.21
RP11-91M21	12q24.21
RP11-183N5	12q24.22
RP11-91C24	13q12.13
RP11-35M5	13q12.2
RP11-11C5	13q21.33-13q22.1
RP11-195A5	13q32.1-13q32.2
RP11-484I6	13q33.1
RP11-233E7	13q33.3
RP11-98F14	13q34
RP11-332N6	14q11.2
RP11-115A12	14q11.2
RP11-152G22	14q11.2
RP11-458A21	14q13.3
RP11-453F20	14q21.2
RP11-64I19	14q23.1
RP11-44K16	14q23.2-14q23.3
RP11-74M3	14q24.1
RP11-89H23	14q24.2-14q24.3
RP11-16O4	14q32.12
RP11-90P19	14q32.12
RP11-80F23	14q32.13-14q32.2
RP11-89G24	14q32.2
RP11-88P10	15q12
RP11-256M2	15q12
RP11-38E12	15q13.2-15q13.3
RP11-239O2	15q15.1
RP11-507J18	15q21.2
RP11-209K10	15q21.3
RP11-139H15	15q21.3
RP11-53I4	15q22.31
RP11-89L21	15q23
RP11-79J21	15q24.2-15q24.3
RP11-60J21	15q25.1
RP11-165B11	16p13.13
RP11-91M7	16p13.12
RP11-215M5	16q12.1
RP11-48I18	16q12.1
RP11-424K7	16q12.1
RP11-3A9	16q22.1
RP11-151M19	16q22.1
RP11-224E17	16q22.1
RP11-27D1	16q23.1
RP11-457K7	16q23.3
RP11-442O1	16q24.1
RP11-118F19	16q24.1
RP11-4F24	17p13.3

RP11-746E8	17p12
RP11-525O11	17p11.2
RP11-525H19	17q11.2
RP11-398A1	17q11.2
RP11-9M20	17q21.31
RP11-510P20	17q21.31-17q21.32
RP11-36J16	17q21.32
RP11-89H15	17q23.3
RP11-79K13	17q24.2
RP11-84E24	17q24.3
RP11-91M1	17q25.1
RP11-225G19	17q25.1
RP11-89B11	17q25.1
RP11-128J1	17q25.3
RP11-165M24	17q25.3
RP11-80P2	18q21.1
RP11-79L5	18q21.31
RP11-105L16	18q22.1
RP11-53N15	18q22.3
RP11-7H17	18q23
RP11-75H6	19p13.3
RP11-815E8	19p13.3
RP11-798B19	Not found
RP11-413M18	19p13.11
RP11-79E22	19p13.11
RP11-678G14	19p12
RP11-713L7	Not found
RP11-451E12	19q12
RP11-18J6	19q12
RP11-452P5	Not found
RP11-118P21	19q13.2
RP11-133A7	19q13.2
RP11-208I3	19q13.2
RP11-2O22	19q13.31
RP11-84C16	19q13.31
RP11-335I15	Not found
RP11-43N16	19q13.32
RP11-10I11	19q13.41
RP11-158G19	19q13.42
RP11-174J9	Not found
RP11-24E15	20p13
RP11-149O7	20p12.3
RP11-79F17	20p11.23
RP11-91G1	20p11.23
RP11-7F10	20p11.22
RP11-79K14	20p11.21
RP11-134I8	18p11.21
RP11-79G10	20q12
RP11-124D1	20q13.13
RP11-402F1	20q13.32
RP11-105O24	21q22.13
RP11-81B3	22q11.21
RP11-186O8	22q11.21
RP11-89A2	22q12.1

RP11-91K24	22q12.1
RP11-46E17	22q12.1
RP11-541J16	22q12.1
RP11-329J7	22q12.1
RP11-79G6	22q12.2
RP11-105I18	22q12.3
RP11-116K16	22q13.2
RP11-262A13	22q13.32
RP11-232E17	22q13.33
RP11-428L10	22q13.33
RP11-367L17	Xp22.12

\* Based on the UCSC Genome Browser (<http://genome.ucsc.edu/cgi-bin/hgGateway>).

Supplementary Table SII. Genes located on BAC clones described in Tables II and III.

(a) BAC clones described in Table II.

BAC clone ID	Genes *
RP11-121D3	CNTN4
RP11-89G4	C5orf56, IRF1, IL5, RAD50
RP11-177M14	EYA4
RP11-92I18	DRGX, ERCC6, PGBD3
RP11-36H11	PRR5L, AK128396, TRAF6, RAG1
RP11-91M21	TBX5, AK091766
RP11-458A21	Pax9
RP11-88P10	AK124933
RP11-424K7	SALL1
RP11-2O22	ZFP112, ZNF285A, ZNF229, ZNF180, CEACAM20
RP11-149O7	BC027588
RP11-79G10	None

(b) BAC clones described in Table III.

BAC clone ID	Genes *
RP11-101J8	CD1A, CD1C, CD1B, CD1E, OR10T2, OR10K2
RP11-137N24	KIAA0040
RP11-180L21	PRKCE
RP11-91K8	BFSP2, BC007984
RP11-89E2	BC035172
RP11-81B23	BG723080
RP11-373P23	UBE2D1, TFAM, BICC1
RP11-666F17	ITPR2
RP11-165B11	RUNDC2A, SNX29
RP11-236B14	ZNF473
RP11-92A14	CHODL

\* Based on the UCSC Genome Browser (<http://genome.ucsc.edu/cgi-bin/hgGateway>).



Figure 3

