

Table I. Summary of Genome-wide Copy Number Variation in Aneuploid Cell Strains

Cell line	Karyotype ¹	Proximal flanking clone	Proximal flanking STS ²	Proximal included clone	Proximal included STS	Distal included clone	Distal included STS	Distal flanking clone	Distal flanking STS
GM03563	46,XY,-9,+der(9)t(3;9)(9qter>9p24::3q12>3qter)mat Trisomy 3q12-3qter Monosomy 9pter-9p24	RP11-146e16 None	AFMA059XB5	CTD-2014B13 CTB-41L13	stSG9229 9 p tel	GS1-56H22 RP11-28N06	3 q tel SHGC-1302	None RP11-122A20	SHGC-12535
GM00143	47,XX,+18 Trisomy 18	None		GS1-74G18	18 p tel	RP11-507p3	18 q tel	None	
GM05296	46,XX,-11,+der(11)inv ins(11;10)(11pter>11p13::10q21>10q24::11p13>11qter)mat Trisomy 10q21-10q24 Monosomy 11p12-11p13	RP11-237j07 CTD-2208j5	SHGC-17478 X51630	RP11-33o02 RP11-127K23	SHGC-10261 SHGC-3931	RP11-128h11 RP11-72A10	SHGC-2001 SHGC-20671	RP11-46g13 RP11-18B09	SHGC-20638 AFM270VB1
GM07408	47,XX,+20 Trisomy 20	None		RP1-82O2	20 p tel	RP1-81F12	20 q tel	None	
GM01750	47,XY,+der(14)t(9;14)(14pter>14q21::9p24>9pter)mat Trisomy 9pter-9p24 Trisomy 14pter-14q21	None None		CTB-41L13 RP11-14o20	9 p tel SHGC-11728	RP11-33O15 RP11-125A05	SHGC-8727 SHGC-1403	RP11-85J05 RP11-48L01	SHGC-844 SHGC-6471
GM03134	46,XY,del(8)(pter>q13;q22>qter) Monosomy 8q13-8q22	RP11-117N14	SHGC-586	RP11-33D07	SHGC-13825	RP11-27115	SHGC-5171	RP11-102K07	SHGC-12502
GM13330	46,XY,-4,+der(4)t(1;4)(4pter>4q35::1q25>1qter)mat Trisomy 1q25-1qter Monosomy 4q35-4qter	RP11-234m03 RP11-272O03	AFMA129ZF5 SHGC4-789	RP11-28d10 RP11-244K02	AFM063XG9 SHGC4-548	GS1-167K11 GS1-31J3	1 q tel 4 q tel	None None	
GM03576	48,XY,+2,+21 Trisomy 2 Trisomy 21	None None		GS1-8L3 RP11-31b06	2 p tel AFM289YH9	CTB-172113 RP11-135b17	2 q tel 21 q tel	None None	
GM01535	46,XX,-12,+der(12)t(5;12)(12pter>12q24::5q33>5qter)mat Trisomy 5q33-5qter Monosomy 12q24-12qter	RP11-210k16 RP11-81g12	AFMA102ZG9 SHGC-372	RP11-88j19 RP1-221K18	AFM211YC7 12 q tel	RP1-240g13 None	5 q tel	None None	
GM07081	46,XY,-15,+der(7)t(7;15)(7pter>7q11.2::15q11.2>15qter)mat Trisomy 7pter-7q11.2 Monosomy 15pter-15q11.2	None not detected		RP1-164D18	7 p tel	RP11-251115	AFM191XH6	RP11-90O18	SHGC-33722
GM02948	47,XY,+13 Trisomy 13	None		RP11-8c15	SHGC-37580	RP1-01L16	13 q tel	None	
GM04435	48,XY,+16,+21 Trisomy 16 Trisomy 21	None None		CTD-2371a5 RP11-31b06	16 p tel AFM289YH9	PAC 191p24 RP11-135b17	16 q tel 21 q tel	None None	
GM10315	47,XX,+22 Trisomy 22	None		RP1-15j16	D22S543	CTA-799f10	22 q tel	None	
GM13031	46,XY,del(17)(pter>q21.3::q23>qter) Monosomy 17q21.3-17q23	RP5-1071i14	D17S797	RP11-481c4	D17S1989	RP11-670E13	WI-9306	RP11-50F16	SHGC-34099
GM01524	46,XY,-5,+der(5)ins(5;6)(5pter>5q33::6q15>6q25::5q33>5qter)mat Trisomy 6q15-6q25	CTD-2009c06	stSG6355	RP11-2m09	AFM295TB3	RP11-107m03	AFM198WG11	RP11-139o22	AFM059YD6

¹Karyotype as proposed by Coriell

²STS = sequence tagged site