

## Supplemental data

Overview of genomic imbalances found with aCGH in the four investigated cell lines. All aberrations indicated with an asterix represent hitherto undetected imbalances.

Cell line	Band	Coordinates
KM-H2	enh 1p36.31-p36.13	6293700 bp - 18251002 bp
	dim 1p13.1-p12 *	115570986 bp - 115748025 bp
	enh 1q23.3-q42.13	158258490 bp - 227249364 bp
	dim 1q43 *	235850830 bp - 237390561 bp
	enh 1q43-qter	238038528 bp - 245407169 bp
	enh 2pter-p25.1	224263 bp - 8819909 bp
	enh 2p11-p12	44331851 bp - 81835873 bp
	enh 2q22.2-q31.2	142809517 bp - 180606707 bp
	dim 3pter-p25.2 *	458868 bp - 9852213 bp
	dim 3q13.13-q21.3	104111354 bp - 128108607 bp
	enh 3q26.2-qter	153590898 bp - 199163964 bp
	enh 4q22.1-q25	90167437 bp - 110363354 bp
	dim 4q35.1-qter	184504000 bp - 190806572 bp
	dim 5p15.33-p15.1	2570709 bp - 17880644 bp
	enh 5p13.2-p13.1	34929543 bp - 42898147 bp
	dim 5q31.3-q34	141041469 bp - 168168622 bp
	enh 5q35.2-qter	176523408 bp - 180626608 bp
	enh 6pter-p21.32	36931829 bp - 170756175 bp
	dim 7pter-p13	239200 bp - 46540927 bp
	dim 7q31.33-q32.3 *	123390569 bp - 130077537 bp
	enh 7q33-qter	130437419 bp - 130599612 bp
	enh 8p23.2	2900574 bp - 5256090 bp
	dim 8p22-q23.2	12919206 bp - 110612537 bp
	enh 8q23.3-q24.12 *	116603455 bp - 119961194 bp
	enh 8q24.21 *	128939392 bp - 129319882 bp
	enh 9pter-p23	222308 bp - 12969539 bp
	dim 9p22.3 *	13729579 bp - 16325490 bp
	enh 9p21.2-p21.1	2655769 bp - 29639063 bp
	dim 9q21.11-q21.31	68528295 bp - 83452036 bp
	dim 10p15.1-p14 *	6277674 bp - 8346525 bp
	dim 10p12.1-p11.21 *	25240974 bp - 36004765 bp
	dim 10q11.22	46999355 bp - 49467140 bp
	dim 10q21.2 *	60095355 bp - 78914295 bp
	enh 10q21.3-q22.3	67551761 bp - 78914295 bp
	dim 10q22.3-q23.1 *	79687952 bp - 85721525 bp
	enh 10q23.2-q24.2 *	86278375 bp - 101096913 bp
	dim 10q24.32-q26.13 *	102895110 bp - 124244273 bp
	enh 10q26.13	125057756 bp - 126954997 bp
	dim 10q26.3-qter *	131215760 bp - 132635356 bp
	dim 11q13.3-qter	68129639 bp - 134437143 bp

	<p>enh 12q13.11  enh 12q13.13-q14.1  dim 12q14.3-q15 *  enh 12q21.31-q24.31  dim 13q  dim 14q11.2-q21.1  enh 14q21.3-q32.33  dim 15q11.2-q15.1  enh 15q21.3-q25.3  enh 16p13.2-p11.2  dim 16q12.1-q21  enh 16q21-q23.1  dim 17p13.3-p13.1 *  dim 18p11.31-qter  dim 20  enh 22q11.21-q11.23 *  dim 22q11.23-qter *</p>	<p>44739500 bp - 4490384 bp  52417126 bp - 60370345 bp  64263728 bp - 66931770 bp  82669309 bp - 120958351 bp  18397782 bp - 114117460 bp  19570807 bp - 42171562 bp  48879628 bp - 106278173 bp  19791340 bp - 38944382 bp  54901237 bp - 83883618 bp  6165930 bp - 337544445 bp  45188242 bp - 57139961 bp  61943892 bp - 77781805 bp  343377 bp - 9814021 bp  5260008 bp - 75940259 bp  180000 bp - 62284676 bp  16228206 bp - 23382798 bp  24155670 bp - 49397088 bp</p>
HDLM2	<p>enh 2p22.1-p16.1  enh 2p11.2  dim 2q33.1-q37.3  dim 3q13.12-q21.2  enh 3q25.31-q29  dim 4pter-q12  enh 5p15.31-p15.2  enh 5p13.2-p13.1  dim 5q11.2 *  enh 5q23.2  dim 5q33.1-q33.3 *  enh 5q34-qter  dim 7pter-p14.1  dim 8pter-q12.1  enh 8q22.3-q24.22  ampl 9p24.3-p24.1  enh 9p22.2-p21.1 *  dim 10q11.22 *  enh 12pter-p12.3  dim 12q24.32-qter  dim 15q26.1-qter  dim 16q12.1-qter  dim 17pter-p11.2  enh 17q11.2 *  dim 17q11.2-q12 *  enh 17q21.31-q23.2  dim 17q23.2-qter  dim 18pter-p11.21  dim 20  enh 22q11.22 *  dim 22q13.2-qter *</p>	<p>39065418 bp - 57300955 bp  88997538 bp - 89830879 bp  202390301 bp - 240213754 bp  108336893 bp - 128108607 bp  157875443 bp - 196768563 bp  1065437 bp - 56105257 bp  6515876 bp - 13355734 bp  37971494 bp - 41829385 bp  50061478 bp - 55498487 bp  121061439 bp - 126892025 bp  151319679 bp - 156463350 bp  165766736 bp - 180626608 bp  188219 bp - 37404452 bp  477647 bp - 58378511 bp  104441333 bp - 133318025 bp  222308 bp - 6567805 bp  16992434 bp - 28819491 bp  46999355 bp - 48101366 bp  152534 bp - 16164790 bp  126737931 bp - 132373208 bp  90683010 bp - 100022043 bp  45188242 bp - 88552724 bp  343377 bp - 22164889 bp  22401874 bp - 24972817  25036291 bp - 31270365 bp  40552637 bp - 55267073 bp  55350451 bp - 78473884 bp  168405 bp - 14998642 bp  180000 bp - 62284676 bp  20756140 bp - 21547277 bp  40577269 bp - 49464725 bp</p>
L540	<p>enh 1p36.22-p36.13 *  dim 1p22.3-p11.2</p>	<p>9146813 bp - 16679690 bp  87388008 bp - 120033702 bp</p>

	<p> enh 2pter-p23.3  enh 2p11.2  enh 2q14.1-q33.3  enh 5q34-qter  enh 6p24.1-p22.1  dim 6q12-qter  enh 7q11.21-qter  dim 8pter-q13.3  enh 8q21.11-q22.3  dim 8q23.2-qter  enh 9p24.2-p21.1  dim 9q13-qter  dim 10  dim 11q14.3-q22.3  enh 11q22.3-qter  dim 13q12-q33.3  dim 14q11.2-q22.3  enh 14q23.2-qter  enh 15q26.1-q26.3  dim 16p13.3-p13.2  dim 16q21-qter  enh 17p11.2-q23.3  dim 17q25.3-qter *  dim 18q12.1-qter  enh 20  dim 22q13.1-q13.2 * </p>	<p> 224263 bp - 25928993 bp  8897538 bp - 89830879 bp  115568165 bp - 207978639 bp  165766736 bp - 108626608 bp  13285336 bp - 27536138 bp  62625852 bp - 168197564 bp  64536650 bp -158432707 bp  967998 bp -73677506 bp  74334389 bp -104600167 bp  111740331 bp -146133884 bp  2136346 bp - 29639063 bp  68264561 bp - 138274031 bp  214400 bp - 133778456 bp  89286313 bp - 104569095 bp  104569097 bp – 133732868 bp  18397782 bp - 106691271 bp  20383489 bp - 56623380 bp  61886292 bp - 106278173 bp  88077094 bp - 98091807 bp  2067671 bp - 639847 bp  61096605 bp - 88552724 bp  21109127 bp - 58038015 bp  74849624 bp - 78418933 bp  26696072 bp - 75424109 bp  180000 bp - 62284676 bp  36805857 bp - 42644647 bp </p>
L1236	<p> enh 1q21.1-qter  enh 2pter-p13.3  dim 2q22.3-q24.3 *  dim 2q33.1-qter  enh 3qter-p26.1  enh 3q24-q25.32 *  enh 3q26.31-q26.33  dim 3q27.2-q29  dim 4pter-4p12  enh 4q23-q26  dim 4q28.1-qter  enh 5q31.1-q31.3  enh 6p22.3-p12.1  dim 6q14.3-qter  enh 7pter-p15.2  dim 8pter-q12.1  enh 8q24.13-qter  enh 9pter-p21.1  dim 9q13-q33.2  enh 9q33.3-q34.11  dim 9q34.3 *  dim 10q11.22-qter  dim 11pter-p13  dim 11q13.1-q13.4 </p>	<p> 144224941 bp - 245407169 bp  224263 bp - 70936133 bp  144706094 bp - 164363469 bp  196687269 bp - 242618229 bp  333634 bp - 4329976 bp  147642684 bp - 159779801 bp  175307369 bp - 183353267 bp  187299613 bp - 195699154 bp  55628 bp - 47976635 bp  98970539 bp - 117881899 bp  124675880 bp - 190806562 bp  136365521 bp - 1452822717 bp  23326456 bp - 54161876 bp  88811023 bp - 170520983 bp  188219 bp - 26561105 bp  477647 bp - 57129743 bp  123525912 bp - 146133884 bp  222308 bp - 29250390 bp  68264561 bp - 121864418 bp  124164499 bp - 130854667 bp  136207921 bp - 138274031 bp  46999355 bp - 135111152 bp  178227 bp - 35140556 bp  63560139 bp - 72573784 bp </p>

dim 11q14.1-q22.3 *	84447402 bp - 105734987 bp
enh 11q23.3-qter	115327798 bp - 134437143 bp
enh 12pter-q13.13	152534 bp - 525774777 bp
ampl 12q13.3 *	55627899 bp - 56288135 bp
dim 12q14.1-qter	58245748 bp - 132373208 bp
dim 13q	18397782 bp - 114117460 bp
dim 14q11.2-q22.1	20383489 bp - 53262838 bp
enh 15q23-q25.2	67981299 bp - 84460990 bp
dim 16pter-p13.13	431054 bp - 10596531 bp
dim 17pter-p11.2	427027 bp - 21322119 bp
enh 17q22-q23.2	49317521 bp - 52271251 bp
enh 17q23.2-q23.3	54604472 bp - 58038015 bp
dim 17q24.3-qter *	66711133 bp - 78473884 bp
enh 20pter-q13.13	180000 bp - 47243681 bp
dim 21q22.13-qter	37970031 bp - 46925923 bp
dim 22	16228206 bp - 49421490 bp