Supplemental Table 2. List of genes and miRNAs in smallest significant regions with copy number changes in MMt[a] cell lines										
Gene	Chr	Start	End	Region (number of genes or miRNAs)	Region Length	Cytoband	Copy number alteration	Percentage of cell lines	p-Value[b]	% of CNV[c] overlap
AJAP1	1	4,715,104	4,843,851	chr1:4,507,843-5,027,751	519,908	1p36.32	Loss	70.588	0.028	0.00
BC037321	1	4,847,557	4,852,182	(2 genes)						
NPHP4	1	5,922,869	6,052,533	chr1:5,847,675-12,907,136	7,059,461	1p36.31 - p36.21	Loss	70.588	0.027	6.31
NPHP4	1	5,936,013	6,052,531	(99 genes)						
KCNAB2	1	6,052,357	6,161,253							
KIAA0444	1	6,161,852	6,206,931							
CHD5	1	6,161,846	6,240,194							
RPL22	1	6,245,079	6,259,679							
RNF207	1	6,266,188	6,268,366							
RNF207	1	6,266,188	6,281,359							
ICMT	1	6,281,252	6,296,044							
ICMT	1	6,281,254	6,296,044							
C1orf211	1	6,297,870	6,299,490							
HES3	1	6,304,251	6,305,638							
GPR153	1	6,307,405	6,321,035							
ACOT7	1	6,324,331	6,453,826							
ACOT7	1	6,324,332	6,453,826							
HES2	1	6,472,499	6,484,730							
ESPN	1	6,484,847	6,521,004							
TNFRSF25	1	6,521,213	6,526,255							
PLEKHG5	1	6,527,298	6,529,301							
PLEKHG5	1	6,526,151	6,580,069							
NOL9	1	6,581,406	6,614,658							
TAS1R1	1	6,615,337	6,639,817							
ZBTB48	1	6,640,055	6,649,340							
ZBTB48	1	6,645,361	6,649,339							
KLHL21	1	6,650,778	6,662,929							
PHF13	1	6,673,755	6,684,093							
THAP3	1	6,684,924	6,695,646							
DNAJC11	1	6,694,227	6,761,966							
DKFZp727C181	1	6,694,227	6,761,966							
CAMTA1	1	6,845,383	7,829,766							
VAMP3	1	7,831,328	7,841,492							
PER3	1	7,844,379	7,905,237							
UTS2	1	7,903,143	7,973,294							
TNFRSF9	1	7,975,930	8,003,225							
PARK7	1	8,021,713	8,045,342							
AX747125	1	8,043,018	8,045,341							
ERRFI1	1	8,071,778	8,086,393							
SLC45A1	1	8,384,389	8,404,227							
BC113958	1	8,440,651	8,441,235							
RERE	1	8,412,463	8,877,699							
KIAA0458	1	8,525,029	8,813,897							
ENO1	1	8,921,058	8,939,151							
ENO1-AS1	1	8,938,893	8,939,943							
CA6	1	9,005,921	9,035,148							
SLC2A7	1	9,063,358	9,086,404							
SLC2A5	1	9,097,004	9,148,510							
GPR157	1	9,164,475	9,189,229							
GPR157	1	9,186,960	9,189,356							
H6PD	1	9,294,862	9,331,394							
SPSB1	1	9,352,940	9,429,590							
SLC25A33	1	9,599,527	9,642,831							
TMEM201	1	9,648,931	9,674,935							
C1orf200	1	9,712,667	9,714,644							
PIK3CD	1	9,711,789	9,789,172							
CLSTN1	1	9,789,079	9,793,604							
CLSTN1	1	9,789,078	9,884,550							
CTNNBIP1	1	9,908,333	9,970,316							
LZIC	1	9,989,775	10,003,427							
NMNAT1	1	10,003,485	10,045,556							
RBP7	1	10,057,254	10,076,078							
UBE4B	1	10,093,015	10,241,294							
UBE4B	1	10,093,015	10,241,296							
KIF1B	1	10,270,763	10,334,467							
KIF1B	1	10,270,763	10,441,661							
PGD	1	10,459,084	10,480,201							
APITD1-CORT	1	10,490,158	10,512,060							
CORT	1	10,490,158	10,512,208							
APITD1	1	10,490,158	10,512,208							
CORT	1	10,509,775	10,512,060							
DFFA	1	10,520,602	10,532,613							
PEX14	1	10,535,002	10,683,924							
PEX14	1	10,535,002	10,690,815							
CASZ1	1	10,718,063	10,721,455							
CASZ1	1	10,696,665	10,856,707							

C1orf127	1	11,006,529	11,042,094							
TARDBP	1	11,072,678	11,085,549							
MASP2	1	11,086,579	11,107,296							
SRM	1	11,114,648	11,120,091							
EXOSC10	1	11,126,675	11,159,938							
MTOR	1	11,166,588	11,191,615							
MTOR	1	11,166,587	11,322,608							
ANGPTL7	1	11,249,397	11,256,038							
UBIAD1	1	11,333,254	11,348,491							
PTCHD2	1	11,539,294	11,541,938							
PTCHD2	1	11,539,294	11,597,640							
FBXO2	1	11,708,417	11,714,888							
FBXO44	1	11,714,431	11,723,384							
FBXO6	1	11,724,149	11,734,409							
MAD2L2	1	11,734,536	11,751,678							
C1orf187	1	11,751,780	11,780,336							
AK125437	1	11,782,186	11,785,914							
AGTRAP	1	11,796,141	11,810,828							
C1orf167	1	11,824,461	11,826,573							
C1orf167	1	11,832,138	11,849,641							
MTHFR	1	11,845,786	11,866,160							
CLCN6	1	11,866,206	11,903,201							
NPPA-AS1	1	11,900,375	11,907,673							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA-AS1	1	11,900,375	11,907,674							
NPPA	1	11,905,766	11,907,840							
NPPB	1	11,917,520	11,918,992							
KIAA2013	1	11,979,644	11,986,485							
PLOD1	1	11,994,723	12,035,599							
MFN2	1	12,040,237	12,073,572							
MIIP	1	12,079,511	12,092,106							
TNFRSF8	1	12,123,433	12,204,264							
TNFRSF1B	1	12,227,059	12,269,277							
VPS13D	1	12,371,510	12,398,045							
VPS13D	1	12,290,112	12,572,098							
VPS13D	1	12,427,724	12,572,096							
SNORA59A	1	12,567,299	12,567,451							
SNORA59B	1	12,567,299	12,567,451							
DHRS3	1	12,627,938	12,677,820							
AADACL4	1	12,704,565	12,727,097							
AADACL3	1	12,776,117	12,788,726							
C1orf158	1	12,806,162	12,821,102							
PRAMEF12	1	12,834,983	12,838,048							
PRAMEF1	1	12,851,545	12,856,777							
PRAMEF11	1	12,884,467	12,891,264							
MIR4689	1	5,922,732	5,922,801	chr1:5,847,675-12,907,136	7,059,461	p36.31 - p36.21	Loss	70.588	0.027	6.31
MIR4252	1	6,489,894	6,489,956	(5 miRNAs)						
MIR34A	1	9,211,727	9,211,836							
EF609116	1	9,208,346	9,242,451							
MIR1273D	1	10,287,776	10,287,861							
MIR4632	1	12,251,762	12,251,839							
ST3GAL3	1	44,171,494	44,396,830	chr1:44,289,519-44,550,931	261,412	p34.1	Gain	35.294	0.043	1.66
ST3GAL3	1	44,173,217	44,396,831	(9 genes)						
ARTN	1	44,398,991	44,402,912							
IPO13	1	44,412,477	44,433,694							
DPH2	1	44,435,652	44,439,044							
ATP6V0B	1	44,440,601	44,443,972							
B4GALT2	1	44,444,865	44,456,840							
CCDC24	1	44,457,279	44,462,198							
SLC6A9	1	44,457,171	44,497,134							
KLF17	1	44,514,029	44,600,809							
FCRL5	1	157,483,166	157,522,310	chr1:157,398,349-157,805,740	407,391	q23.1	Gain	64.706	0	1.64
FCRL4	1	157,543,538	157,567,870	(7 genes)						
FCRL4	1	157,543,539	157,567,870							
FCRL3	1	157,646,277	157,670,647							
FCRL3	1	157,646,277	157,670,775							
FCRL2	1	157,715,522	157,746,922							
FCRL2	1	157,715,522	157,746,922							
FCRL1	1	157,764,193	157,789,940							
DKFZp667D0116	1	157,764,195	157,789,940							
CD5L	1	157,800,703	157,811,634							
AK057438	1	157,895,763	157,918,861	chr1:157,883,449-158,092,535	209,086	q23.1	Gain	64.706	0	0.00
KIRREL	1	157,963,062	158,065,844	(3 genes)						
hCG_1995134	1	158,066,315	158,069,836							
BC073807	3	162,442,526	162,949,934	chr3:162,486,527-162,637,386 (1	150,859	q26.1	Gain	52.941	0	75.94
BC144457	3	195,426,821	195,435,676	chr3:195,425,989-195,467,168	41,179	q29	Gain	35.294	0.002	100.00

AK128346	3	195,426,821	195,438,745	(3 genes)						
MUC20	3	195,452,111	195,453,443							
MUC20	3	195,447,752	195,464,540							
MIR570	3	195,426,272	195,426,368	chr3:195,425,989-195,467,168 (1	41,179	q29	Gain	35.294	0.001	100.00
ZDHHC11	5	795,719	851,101	chr5:784,423-808,109 (1 gene)	23,686	p15.33	Gain	64.706	0.004	100.00
LST1	6	31,553,955	31,556,686	chr6:31,552,127-31,574,180 (1 ge	22,053	p21.33	Gain	41.176	0	0.00
HLA-DRB1	6	32,485,162	32,552,155	chr6:32,469,084-32,538,937	69,853	p21.32	Loss	47.059	0	100.00
HLA-DRB5	6	32,485,153	32,557,562	(3 genes)						
HLA-DRB6	6	32,520,489	32,527,779							
DQ586658	7	72,491,730	72,491,759	chr7:72,490,276-73,992,274	1,501,998	q11.23	Gain	47.059	0.002	3.33
SPDYE8P	7	72,490,259	72,500,309	(40 genes)						
SPDYE3	7	72,490,260	72,500,309							
PMS2L2	7	72,476,679	72,514,966							
LOC389527	7	72,476,665	72,515,551							
PMS2L2	7	72,476,665	72,555,749							
SPDYE8P	7	72,518,503	72,524,466							
SPDYE8P	7	72,518,503	72,524,466							
GTF2IP1	7	72,569,011	72,621,336							
LOC100093631	7	72,569,011	72,621,336							
FKBP6	7	72,440,191	72,772,641							
NCF1	7	72,634,673	72,648,752							
NCF1B	7	72,634,673	72,649,979							
GTF2IRD2P1	7	72,656,901	72,685,658							
GTF2IRD2B	7	72,656,901	72,685,658							
GTF2IRD2	7	72,680,055	72,683,403							
BC018166	7	72,693,843	72,698,885							
AK127026	7	72,712,965	72,716,800							
NSUN5	7	72,716,513	72,722,864							
TRIM50	7	72,726,534	72,742,085							
FKBP36	7	72,742,299	72,755,381							
FZD9	7	72,848,108	72,850,450							
BAZ1B	7	72,854,727	72,936,615							
BCL7B	7	72,950,682	72,972,065							
TBL2	7	72,983,276	72,993,013							
MLXIPL	7	73,007,523	73,038,870							
MLXIPL	7	73,007,523	73,038,870							
VPS37D	7	73,082,173	73,086,440							
DNAJC30	7	73,095,247	73,097,781							
WBSCR22	7	73,097,897	73,119,491							
STX1A	7	73,113,534	73,134,017							
ABHD11-AS1	7	73,149,398	73,150,330							
ABHD11-AS1	7	73,149,398	73,150,330							
ABHD11	7	73,150,424	73,153,190							
CLDN3	7	73,183,326	73,184,600							
CLDN4	7	73,242,073	73,247,014							
CLDN4	7	73,245,192	73,247,015							
WBSCR27	7	73,248,920	73,256,855							
WBSCR28	7	73,275,488	73,280,223							
RFC2	7	73,149,547	73,668,738							
ELN	7	73,442,426	73,484,236							
LIMK1	7	73,498,106	73,536,855							
EIF4H	7	73,588,705	73,611,429							
LAT2	7	73,624,086	73,644,163							
LAT2	7	73,624,086	73,644,164							
CLIP2	7	73,703,804	73,820,273							
GTF2IRD1	7	73,868,119	74,016,920							
GTF2IRD1	7	73,920,321	74,016,918							
MIR4284	7	73,125,647	73,125,727	chr7:72,490,276-73,992,274	1,501,998	q11.23	Gain	47.059	0.002	3.33
MIR590	7	73,605,528	73,605,624	(2 miRNAs)						
GATS	7	99,798,277	99,869,855	chr7:99,867,651-100,068,777	201,126	q22.1	Gain	47.059	0.002	20.24
GATS	7	99,798,278	99,869,855	(10 genes)						
SPDYE3	7	99,905,324	99,919,819							
PMS2P1	7	99,918,262	99,933,930							
PMS2P1	7	99,918,262	99,933,930							
PMS2P1	7	99,927,418	99,930,239							
PILRB	7	99,933,687	99,965,454							
PILRB	7	99,949,884	99,956,702							
PILRB	7	99,971,067	99,997,714							
PILRA	7	99,971,067	99,997,722							
ZCWPW1	7	99,998,495	100,007,167							
ZCWPW1	7	99,998,494	100,026,302							
ZCWPW1	7	100,016,355	100,026,302							
MEPCE	7	100,026,412	100,031,749							
PPP1R35	7	100,032,911	100,034,094							
C7orf61	7	100,054,237	100,061,894							
TSC22D4	7	100,064,141	100,076,902							
ADAM5P	8	39,172,181	39,260,375	chr8:39,229,932-39,398,576	168,644	p11.22	Gain	52.941	0	100.00
ADAM3A	8	39,308,563	39,380,470	(3 genes)						
tMDC	8	39,308,564	39,380,470							
SLC39A4	8	145,635,776	145,642,273	chr8:145,637,777-145,733,477	95,700	q24.3	Gain	58.824	0	3.23

VPS28	8	145,648,999	145,653,927	(10 genes)						
TONSL	8	145,654,162	145,669,812							
TONSL	8	145,654,164	145,669,812							
AK298596	8	145,660,550	145,665,276							
CYHR1	8	145,675,314	145,691,031							
KIFC2	8	145,691,737	145,699,499							
FOXH1	8	145,699,114	145,701,718							
PPP1R16A	8	145,715,416	145,727,504							
AK094577	8	145,721,000	145,724,363							
GPT	8	145,728,355	145,732,555							
MTAP	9	21,802,634	22,029,593	chr9:21,973,222-22,354,257	381,035	p21.3	Loss	100.000	0	0.00
CDKN2A	9	21,967,750	21,994,490	(4 genes)						
CDKN2B	9	22,002,901	22,009,312							
CDKN2B-AS1	9	21,994,789	22,121,091							
CDKN2B-AS1	9	21,994,789	22,121,093							
FAM122A	9	71,394,963	71,398,609	chr9:71,234,232-72,423,412	1,189,180	q21.11 - q21.12	Loss	47.059	0	6.76
PIP5K1B	9	71,320,615	71,624,091	(10 genes)						
AK057188	9	71,568,003	71,590,757							
PRKACG	9	71,627,448	71,629,039							
FXN	9	71,650,478	71,715,094							
AK096834	9	71,780,234	71,785,971							
TJP2	9	71,736,223	71,870,124							
FAM189A2	9	71,939,487	72,007,370							
FAM189A2	9	71,990,651	72,007,370							
APBA1	9	72,042,448	72,287,275							
PTAR1	9	72,324,437	72,374,876							
PAN3	13	28,712,642	28,869,475	chr13:28,852,665-28,941,613	88,948	q12.2 - q12.3	Loss	82.353	0.003	83.10
FLT1	13	28,874,482	29,069,265	(2 genes)						
RBFOX1	16	6,069,131	7,763,340	chr16:6,245,937-6,299,769 (1 ger	53,832	p13.3	Loss	41.176	0.014	0.00
RBFOX1	16	6,069,131	7,763,340	chr16:6,770,326-6,961,633 (1 ger	191,307	p13.3	Loss	76.471	0	0.00
RBFOX1	16	6,069,131	7,763,340	chr16:7,249,315-7,284,367 (1 ger	35,052	p13.3	Loss	47.059	0.001	58.38
HYDIN	16	70,841,288	71,264,625	chr16:71,114,287-71,204,647 (1 g	90,360	q22.2	Gain	35.294	0.001	0.00
ERBB2	17	37,844,392	37,884,915	chr17:37,876,495-38,184,266	307,771	q12 - q21.1	Gain	64.706	0.032	0.00
MIEN1	17	37,885,408	37,886,788	(13 genes)						
GRB7	17	37,894,161	37,903,538							
IKZF3	17	37,921,198	38,020,441							
IKZF3	17	37,921,200	38,020,441							
ZPBP2	17	38,024,454	38,034,149							
GSDMB	17	38,060,847	38,074,903							
ORMDL3	17	38,077,295	38,083,884							
LRRC3C	17	38,097,726	38,100,987							
GSDMA	17	38,119,225	38,134,019							
PSMD3	17	38,137,059	38,154,212							
CSF3	17	38,171,613	38,174,066							
SNORD124	17	38,183,794	38,183,898							
MED24	17	38,175,350	38,209,888							
MED24	17	38,175,349	38,210,889							
MIR4728	17	37,882,732	37,882,819	chr17:37,876,495-38,184,266 (1 r	307,771	q12 - q21.1	Gain	64.706	0.032	0.00
EZH1	17	40,859,975	40,872,467	chr17:40,863,774-41,005,303	141,529	q21.2 - q21.31	Gain	64.706	0.032	0.00
EZH1	17	40,852,292	40,897,071	(12 genes)						
BC047651	17	40,894,171	40,895,176							
LOC100190938	17	40,905,523	40,913,281							
RAMP2	17	40,913,211	40,915,060							
VPS25	17	40,925,453	40,931,617							
WNK4	17	40,932,648	40,949,084							
WNK4	17	40,937,283	40,946,507							
CCDC56	17	40,947,164	40,950,704							
CNTD1	17	40,950,853	40,963,605							
BECN1	17	40,962,149	40,976,310							
PSME3	17	40,976,442	40,995,777							
AOC2	17	40,996,608	41,002,724							
AOC3	17	41,003,200	41,010,140							
KIAA1267	17	44,107,281	44,302,740	chr17:44,221,384-44,418,461	197,077	q21.31	Gain	64.706	0.032	100.00
LOC644246	17	44,270,938	44,274,089	(4 genes)						
ARL17A	17	44,363,862	44,417,140							
LRRC37A	17	44,372,496	44,415,160							
ARL17A	17	44,376,499	44,439,163							
ARL17A	17	44,376,500	44,439,163							
ARL17A	17	44,376,912	44,439,134							
ARL17A	17	44,412,267	44,439,163							
WASH5P	19	60,950	70,966	chr19:0-616,511	616,511	p13.3	Gain	47.059	0.002	22.26
WASH5P	19	60,950	70,966	(18 genes)						
OR4F17	19	107,145	111,596							
FLJ45445	19	197,015	202,209							
AK311622	19	199,768	201,002							
DQ600587	19	204,884	204,945							
DQ574670	19	205,024	205,055							
PPAP2C	19	281,043	291,435							
MIER2	19	305,574	344,791							
THEG	19	362,056	376,009							

C2CD4C	19	405,442	409,170							
SHC2	19	416,582	460,996							
ODF3L2	19	463,345	474,983							
MADCAM1	19	496,489	505,343							
TPGS1	19	507,496	519,654							
CDC34	19	531,732	542,087							
GZMM	19	544,026	549,919							
BSG	19	571,324	583,493							
BSG	19	572,536	583,492							
HCN2	19	589,892	617,159							
hsa-mir-1302-11	19	71,973	72,110	chr19:0-616,511 (1 miRNA)	616,511	p13.3	Gain	47.059	0.002	89.35
RPS21	20	60,962,120	60,963,576	chr20:60,953,791-61,286,207	332,416	q13.33	Gain	58.824	0.027	15.15
CABLES2	20	60,963,685	60,982,339	(8 genes)						
C20orf151	20	60,985,292	61,002,629							
GATA5	20	61,038,552	61,051,026							
C20orf166-AS1	20	61,141,437	61,148,768							
C20orf166-AS1	20	61,141,554	61,148,731							
C20orf166	20	61,147,659	61,167,971							
DM004122	20	61,151,509	61,151,586							
C20orf166	20	61,162,118	61,162,220							
SLCO4A1	20	61,273,796	61,303,647							
MIR1-1	20	61,151,512	61,151,583	chr20:60,953,791-61,286,207	332,416	q13.33	Gain	58.824	0.027	15.15
MIR133A2	20	61,162,118	61,162,220	(2 miRNAs)						
				Total number of genes and miRNAs: 277 (265 genes and 12 miRNAs)						
[a]Malignant mesothelioma.										
[b]p-value less than or equal to 0.05. FASST segmentation with significant threshold 0.0001.										
[c]Copy number variation.										