

Supplementary Table 5: Regions of recurrent amplification in 56 triple negative breast cancers.

Chromosome	Cytobands	Start (Mb)	End (Mb)	length MB	Frequency	Cases	Genes	mirnas	Copy number variations (CGH)
1	p32.2-p31.3	58.26	61.78	3.519815	5%	TN.12523, TN.BC3044, TN.NT005	DAB1, OMA1, TACSTD2, MYSM1, JUN, FGGY, HOOK1, CYP2J2, C1orf87, NFIA		V_4226_LC0413, Wong et al. (2007), V_4227_LC0416, Wong et al. (2007)
1	p31.3	64	64.86	0.856887	4%	TN.BC3044, TN.NT005	EFCAB7, DLEU2L, PGM1, ROR1, UBE2U		
1	p31.3-p31.2	66.64	69.36	2.720669	5%	TN.B6, TN.BC3044, TN.NT005	PDE4B, SGIP1, TC1X1D1, INSL5, WDR78, MIER1, SLC35D1, C1orf141, IL23R,	hsa-mir-1262	V_0009_LC0463, lafrate et al. (2004)
1	p22.3	87.52	87.98	0.459519	4%	TN.12523, TN.BC2697	TN.12523, TN.BC2697		
1	p12	119.26	119.88	0.614307	4%	TN.1878, TN.BC3045	HS2ST1, LMO4		
1	p12-p11.2	120.45	121.35	0.89588	13%	TN.B18, TN.B41, TN.B6, TN.B81, TN.BC3045, TN.NT004,	TBX15, WARS2		
1	q21.1-q31.1	143.51	189.96	46.474323	14%	TN.10030, TN.11093, TN.3319, TN.4274, TN.7880,	NOTCH2, FAM72B, FRCR1B		V_4246_LC0743, Wong et al. (2007)
1	q21.2-q31.3	191.26	197.59	6.326642	5%	TN.10030, TN.B6, TN.NT0015	PP1A4G, FAM72D, SRGAP2P2, PP1A4B, NBPFF9, PDE4DIP, SEC22B, NOTCH2NL,	hsa-mir-554, hsa-mir-190b, hsa-	V_0014_LC0941, lafrate et al. (2004), V_0015_LC0954, lafrate et al. (2004), V_0685_LC0752, Sharp et al. (2005),
1	q31.3-q32.1	197.93	200.85	2.915265	5%	TN.10030, TN.B6, TN.NT0015	RGS18, RGS1, RGS13, RGS2, UCHL5, TROVE2, GLRX2, CDC73, B3GALT2, KCNT2,	hsa-mir-1278	V_0686_LC1055, Sharp et al. (2005), V_0687_LC1055, Sharp et al. (2005), V_2053_LC1052, Locke et al. (2006),
1	q32.1	204.03	204.03	0.039461	4%	TN.10030, TN.NT0015	NEK7, ATP6V1G3, PTPRC, NR5A2, C1orf98, ZNF281, KIF14, DDX59, CAMSAP1L1,	hsa-mir-181b-1, hsa-mir-181a-1	V_4267_LC1087, Wong et al. (2007)
1	q32.1-q32.2	206.61	211.1	4.489412	7%	TN.10030, TN.7880, TN.B6, TN.BC3045, TN.NT0015	ATP2B4, LAX1, ZC3H11A, SNRPE, C1orf157		
1	q32.3-q41	213.38	223.71	10.327949	11%	TN.10030, TN.B41, TN.B6, TN.BC3045, TN.NT0015,	SRGAP2, IKBKE, C1orf47, RASSF5, LGTN, DYRK3, MAPKAPK2, IL10, IL19, IL20, IL24,	hsa-mir-29c, hsa-mir-29b-2, hsa-	V_4270_LC1176, Wong et al. (2007)
1	q42.12-q42.13	226.39	227.63	1.233736	4%	TN.7880, TN.NT0015	MXL1, LINS, PAPP1, C1orf95, ITPKB, PSEN2, CAB31, CDC42BPA		
1	q42.13-q44	228.79	246.88	20.086973	9%	TN.10030, TN.10137, TN.11155, TN.12303, TN.1878,	RHOJ, TMEM78, RAB4A, SPHAR, C1orf96, ACTA1, NUP133, ABCB10, TAF5L, URB2,	hsa-mir-1162, hsa-mir-1537	V_0016_LC1285, lafrate et al. (2004), V_0017_LC1401, lafrate et al. (2004), V_2056_LC1401, Locke et al. (2006),
3	p26.1	4.38	4.86	0.47423	4%	TN.10662, TN.NT0024	SUMF1, ITPR1		
3	q23	139.29	140.59	1.294612	4%	TN.86, TN.B78	MMNAT3, CLS1T2, TRIM42		
3	q24-q25.1	148.9	149.31	0.41387	5%	TN.12303, TN.1267, TN.B78	CP, TM4SF18, TM4SF1, TM4SF4, WWTR1		
3	q25.1-q25.2	149.65	153.02	3.365167	7%	TN.B17, TN.B6, TN.B64, TN.B78	RNF13, PFN2, TSC2D2, SERP1, EIF2A, C3orf44, SIAH2, C3orf76, CLRN1, MED12L,		V_4355_LC3723, Wong et al. (2007), V_4356_LC3737, Wong et al. (2007)
3	q25.31-q25.32	155.87	157.66	1.790988	4%	TN.1878, TN.B64	KCNAB1, SSR3, TIPARP, METT5D2, LEKR1, CCN1, VEPH1, PTK3, C3orf55		V_4358_LC3775, Wong et al. (2007)
3	q25.32-q25.33	158.38	160.28	1.882166	4%	TN.1878, TN.B64	GF11, LXN, RARRES1, MFS1, IQCJ, SCHIP1, IL12A, IFT80, SMC4, TRIM59, KPN4A4	hsa-mir-15b, hsa-mir-16-2	
3	q26.1-q26.32	166.13	176.8	10.669782	5%	TN.1878, TN.B2, TN.B6, TN.B65	ZBBX, SERPINI2, WDR49, PDCD10, SERPINI1, GOLIM4, EVI1, MYNN, LRRC34,	hsa-mir-551b, hsa-mir-569	V_0039_LC3834, lafrate et al. (2004), V_4362_LC3840, Wong et al. (2007), V_4363_LC3872, Wong et al. (2007)
4	p13.3	3.39	3.66	0.268738	4%	TN.864, TN.B86	RGS12, HGFA, DOK7, LRPAF1		V_4371_LC4159, Wong et al. (2007), V_4372_LC4159, Wong et al. (2007)
4	p13.3-p15.3	1.56	16.72	15.160152	9%	TN.1878, TN.3701, TN.B65, TN.B78, TN.BC2968,	MRPL36, NDUFS6, IRX4, IRX2, C5orf38, IRX1, ADAMTS16, MED10, NSUN2, SRD5A1,	hsa-mir-887	V_2082_LC6572, Locke et al. (2006), V_4430_LC6506, Wong et al. (2007)
5	p14.3	20.56	21.2	0.639397	4%	TN.3701, TN.NT004			V_0708_LC6659, Sharp et al. (2005), V_4434_LC6659, Wong et al. (2007)
5	p14.3-p14.1	22.32	26.56	4.237383	5%	TN.10646, TN.B65, TN.NT004	CDH12, PRDM9, CDH10		
5	p12	44.25	44.49	0.244221	4%	TN.10646, TN.NT004	FGF10		
6	q22.31-q22.33	124.14	129.07	4.928908	5%	TN.12303, TN.3319, TN.BC2968, TN.NT0024	NKAIN2, RNF217, TPDS2L1, HDDC2, HEY2, NCOA7, HINT3, TRMT11, C6orf173,	hsa-mir-588	V_0090_LC8741, lafrate et al. (2004), V_0091_LC8757, lafrate et al. (2004)
6	q23.3	135.24	137.36	2.121275	4%	TN.12303, TN.BC2968	ALDH8A1, HBS1L, MYB, AH1, PDE7B, FAM54A, BCLAF1, MAP7, MAP3K5, PEX7,	hsa-mir-548a-2	
7	p11.2	54.99	55.7	0.713173	4%	TN.10665, TN.BC184	EGFR, LANCL2		
7	q11.1	61.06	61.27	0.207558	4%	TN.4643, TN.B2			V_4538_LC9545, Wong et al. (2007), V_4539_LC9545, Wong et al. (2007)
7	q11.21	64.42	65.19	0.769661	4%	TN.4643, TN.7880	ZNF117, ERV3, ZNF92		V_0722_LC9554, Sharp et al. (2005), V_2101_LC9554, Locke et al. (2006)
7	q21.13-q21.2	90.86	91.46	0.604123	4%	TN.845, TN.BC2968	FZD1, MTERF		
7	q21.2-q21.3	91.6	93.68	2.082652	4%	TN.4643, TN.B45	AKAP9, CYP51A1, KRIT1, ANKIB1, GATAD1, PEX1, C7orf64, FAM133B, CDK6, SAMD9,	hsa-mir-1285-1, hsa-mir-653, hsa-	
7	q33	136.97	137.46	0.490678	4%	TN.7880, TN.NT005	PTN, DGKI, RPL41		
7	q34	138.98	139.72	0.738026	4%	TN.7880, TN.B18	UBN2, LUC7L2, C7orf55, KLRG2, CLEC2L, HIPK2, TBXAS1		
7	q36.1	150.84	151.65	0.813473	4%	TN.B18, TN.NT001	AGAP3, GBX1, ASB10, ABCF2, SMARCD3, NUB1, WDR86, CRYM, RHEB, PRKAG2,	hsa-mir-671	
8	p12-q24.3	34.93	146.24	111.305555	32%	TN.10646, TN.10662, TN.10665, TN.11093, TN.12303,	UNC5D, UNC5L, ZNF703, ERLIN2, PROSC, GPR124, BRF2, RAB11FIP1, GOT1L1,	hsa-mir-486, hsa-mir-124-2, hsa-	V_0119_LC10711, lafrate et al. (2004), V_0121_LC10727, lafrate et al. (2004), V_0123_LC10906, lafrate et al. (2004),
9	p24.3-p22.3	1.98	15.14	13.161039	9%	TN.7880, TN.B6, TN.B65, TN.BC2968, TN.BC3044,	SMARCA2, VLDLR, KCN2V, KIAA0020, CARMIL, RFX3, GLIS3, SLC1A1, C9orf68,	hsa-mir-101-2	V_4615_LC11143, Wong et al. (2007)
9	p22.3-p22.2	15.98	16.87	0.890872	4%	TN.BC2968, TN.NT005	C9orf93, C9orf92, BNC2		
9	p22.2-p21.3	17.65	20.48	2.82604	4%	TN.BC2968, TN.NT005	SH3GL2, ADAMTSL1, FAM154A, RRAA, HAU56, ADP, DENND4C, RPS6, ACER2,		
10	p15.3-p12.1	0.06	26.98	26.920666	16%	TN.10137, TN.10752, TN.12523, TN.7880, TN.B17,	ZMYND11, DIP2C, C10orf108, LARP5, GTPBP4, IDI2, WDR37, ADARB2, PFKF,	hsa-mir-1265, hsa-mir-511-1, hsa-	V_4664_LC11931, Wong et al. (2007), V_4665_LC12095, Wong et al. (2007), V_4666_LC12101, Wong et al. (2007),
10	p11.21	36.01	36.33	0.319526	4%	TN.NT005, TN.NT0067			
10	q11.22	46.69	48.28	1.589695	4%	TN.12303, TN.NT0067	FAM35B, SYY15, GPRIN2, ANXA8L1, PYPY1, FAM25B, BMS1P2, CTSLL7, FAM25HP,		V_0764_LC12274, Sharp et al. (2005), V_2153_LC12274, Locke et al. (2006), V_4685_LC12274, Wong et al. (2007),
10	q11.23	51.77	52.58	0.804264	4%	TN.B78, TN.NT0067	FAM21A, ASA12, SGMS1, ASA2B, A1CF		V_2156_LC12305, Locke et al. (2006)
10	q21.1-q21.3	60.43	66.41	5.988516	5%	TN.B17, TN.B41, TN.BC3044, TN.NT0067	BICC1, PHYHIP1, FAM13C, SLC16A9, CCDC6, C10orf40, ANK3, ARL4P, CDC2,	hsa-mir-1296	V_4697_LC12385, Wong et al. (2007), V_4698_LC12387, Wong et al. (2007), V_4699_LC12389, Wong et al. (2007)
10	q22.1	71.84	73.6	1.766933	5%	TN.10752, TN.11093, TN.NT0067	H2AFY2, AIFM2, TYSND1, SAR1A, PPA1, NFFRF1, LRRC20, EIF4EBP2, NODAL,		
10	q22.3	78.65	81.08	2.42975	4%	TN.B69, TN.NT0067	KCNMA1, DLG5, POLR3A, RPS24, ZMI2		V_0138_LC12468, lafrate et al. (2004), V_2157_LC12477, Locke et al. (2006), V_2158_LC12478, Locke et al. (2006),
10	q26.12-q26.13	123.05	125.68	2.630053	4%	TN.10752, TN.9776	FGFR2, ATE1, NSMCE4A, TACC2, BTBD16, PLEKH41, HTRA1, DMBT1, C10orf120,		V_4714_LC12735, Wong et al. (2007)
11	p13-p12	34.17	39.22	5.056173	5%	TN.B65, TN.B73, TN.B79	NAT10, APTB2, CAT, ELF5, EHF, AIP1, PDHX, CD44, SLC1A2, PAMP1, FXJ1, TRIM44,		V_4736_LC13107, Wong et al. (2007), V_4737_LC13107, Wong et al. (2007)
11	q13.3-q13.4	69.6	70.53	0.925982	5%	TN.10499, TN.4643, TN.BC3047	FGF3, ANO1, FADD, PPPIA1, CTTN, SHANK2	hsa-mir-548k	
11	q23.3	119.48	119.96	0.480124	4%	TN.3701, TN.9961	PVRL1		
12	p13.33-p13.31	0.15	6.14	5.995011	13%	TN.12303, TN.12523, TN.4643, TN.9961, TN.B69,	FAM138D, IQSEC3, SLC6A12, SLC6A13, KDMA, CCDC77, BAGALNT3, NINJ2, WNK1,		V_0161_LC13778, lafrate et al. (2004), V_4765_LC13757, Wong et al. (2007), V_4766_LC13773, Wong et al. (2007)
12	p13.31-p13.2	9.25	12.33	3.087283	5%	TN.9961, TN.B6, TN.BC3044, TN.BC3047, TN.NT004	A2M, PZP, PTMAMP4, DDX12, KLRB1, CLEC2D, CLEC1L, CD69, KLRF1, CLEC2B,		V_4769_LC13838, Wong et al. (2007)
12	p13.2-p12.3	12.47	19	6.529615	4%	TN.BC3047, TN.NT004	MANSC1, LOH12CR2, LOH12CR1, DUSP16, CREBL2, GPR19, CDKN1C, APCOL1,	hsa-mir-613, hsa-mir-614	V_4770_LC13869, Wong et al. (2007)
12	p12.3-p11.1	19.74	33.44	13.704219	7%	TN.B78, TN.BC3047, TN.NT0001, TN.NT004, TN.NT005	PDE3A, SLC10C1, SLC01B3, SLC01A2, IAPP, PYROXD1, RECLD,	hsa-mir-920	V_0162_LC13887, lafrate et al. (2004), V_0163_LC13898, lafrate et al. (2004), V_4772_LC13891, Wong et al. (2007),
13	q31.3	93.64	94.49	0.850316	4%	TN.7880, TN.BC2697	GPC6		
13	q32.3	101.23	101.68	0.448493	4%	TN.7880, TN.BC2697	A2LD1, TMTC4		
13	q33.2-q33.3	106.37	109.06	2.686443	4%	TN.7880, TN.B65	EFNB2, ARGLU1, FAM155A, LIGA, ABHD13, INFG13B	hsa-mir-1267	V_4817_LC15210, Wong et al. (2007), V_4818_LC15212, Wong et al. (2007), V_0361_LC15215, Shaw-Smith et al. (2004)
13	q33.3-q34	109.83	115.07	5.241634	5%	TN.4274, TN.7880, TN.BC2697	MYO16, IRS2, COL4A1, COL4A2, RAB20, CARO, CAR2, CAR5, TNFSF109, ANKRD10,		V_4819_LC15248, Wong et al. (2007), V_4820_LC15248, Wong et al. (2007)
14	q11.2	19.97	20.41	0.446278	4%	TN.B2, TN.B45	OR11H2, OR4O3, OR4H12P, OR4M1, OR4N2, OR4K2, OR4K5, OR4K1		
15	q11.2	20.83	21.11	0.284766	4%	TN.B2, TN.B78	BCL8		V_4879_LC16090, Wong et al. (2007)
15	q26.2	95.9	97.64	1.741426	4%	TN.12523, TN.B18	NR2F2, FAM149B2, SPATA8	hsa-mir-1469	V_0192_LC16541, lafrate et al. (2004)
15	q26.2-q26.3	98.31	99.78	1.476949	4%	TN.B18, TN.B64	ARRDC4, FAM169B, IGF1R, SYNM, TTC23		V_2201_LC16579, Locke et al. (2006)
15	q26.3	101.37	102.27	0.905945	4%	TN.B18, TN.B64	ALDH1A3, LRRK1, CHSY1, SNRPA1, PCSK6, TM2D3, TARSL2		
19	p13.12	14.47	15.44	0.965629	4%	TN.11093, TN.7880	CD97, DDX39, PKN1, PTGER1, GIPC1, DNAJB1, GSPN2, NDUFB7, CLEC17A, EMR3,	hsa-mir-639	V_5090_LC18847, Wong et al. (2007)
19	q11-q13.11	27.95	32.91	4.954227	9%	TN.7880, TN.B41, TN.B6, TN.BC2968, TN.NT0015,	UQCRRF51, VSTM2B, POP4, PLEKHF1, C19orf12, CCNE1, C19orf2, ZNF536, TSHZ3,		V_5096_LC18924, Wong et al. (2007)
19	q13.11	33.76	34.52	0.763047	4%	TN.B41, TN.B81	CEBPG, PEPD, CHST8, KCTD15		
19	q13.12	37.85	38.21	0.362527	4%	TN.7880, TN.B41	ZNF527, ZNF569, ZNF570, ZNF793, ZNF540, ZNF571, ZFP30, ZNF781, ZNF607		
21	q11.2-q21.1	15.74	20.45	4.707221	5%	TN.B18, TN.B81, TN.NT0067	FCGBP, PSMC4, ZNF546, ZNF780B, ZNF780A, MAP3K10, TTC9B, CNTD2, AKT2,	hsa-mir-641	
21	q21.2-q21.3	24.3	30.26	5.957184	4%	TN.3319, TN.NT0067	HSPA13, SAMS1, NRIP1, USP25, C21orf34, C21orf37, CXADR, BTG3, C21orf91,	hsa-mir-99a, hsa-let-7c, hsa-mir-	V_5159_LC20079, Wong et al. (2007)
21	q21.3-q22.11	31.06	31.59	0.526838	4%	TN.3319, TN.NT0067	MRPL39, JAM2, ATP5J, GABPA, APP, CYR1, ADAMTS1, ADAMTS5, NEMAM1	hsa-mir-155	
21	q22.13-q22.3	39	47.37	8.371448	5%	TN.3319, TN.BC2697, TN.NT005, TN.NT0067			