

**Supplemental Material:****Table S1:** Validation of copy number determinations by Real Time PCR

<b>SNP ID</b>	<b>Adjacent Gene</b>	<b>Sample</b>	<b>Copy Number by Real-Time PCR</b>	<b>Copy Number by CCNT</b>
SNP_A-1712744	CDKN2A	HF505	0.10	0.47
		HF1382	0.14	0.40
		HF1122	0.19	0.50
		HF1618	0.38	0.76
		HF1313	0.47	0.53
		HF1344	1.81	2.02
		HF17	2.20	2.05
		HF608	1.86	2.06
		HF1220	2.04	1.93
SNP_A-1666130	EGFR	HF990	42.27	56.20
		HF811	52.61	53.96
		HF118	71.73	37.36
		HF1490	39.19	35.56
		HF408	45.38	31.42
		HF1540	106.59	31.38
		HF1534	72.37	30.32
		HF1380	1.61	2.09
		HF471	2.06	2.08
		HF453	2.06	2.08
		HF953	1.97	2.07
		HF218	2.49	2.09
		HF1246	2.4	2.07
		HF914	2.37	2.05
SNP_A-1713144	KIF21B	HF1458	4.62	5.29
		HF1178	4.18	5.25
		HF1382-1	2.76	2.20
		HF1628	2.26	2.12

**Table S2:** List of regions found homozygously deleted in more than 10% of the samples assayed (by histopathological group).

Chr	Start bp	End bp	S N P #	Starting Band	Ending Band	Gene(s)	All max	GBM max	ASTRO max	OLIGO max	MIXED max
1	31881013	31881013	1	p35.2	p35.2	PTP4A2	7%	4%	9%	12%	8%
2	11689185	11689185	1	p25.1	p25.1	E2F6/GREB1	10%	10%	18%	6%	0%
2	24374921	24374921	1	p23.3	p23.3	FLJ30851	21%	15%	24%	29%	17%
2	240837079	240837079	1	q37.3	q37.3	NDUFA10	16%	16%	12%	15%	25%
3	84048722	84048722	1	p12.1	p12.1	GBE1	19%	13%	15%	33%	17%
3	164638732	164638732	1	q26.1	q26.1	Predicted, not confirmed	10%	5%	9%	21%	0%
4	145491988	145491988	1	q31.21	q31.21	GYPA/GYPB/GYPE	16%	13%	18%	19%	8%
9	21418461	23395248	7 2	p21.3	p21.3	CDKN2B	12%	21%	6%	2%	17%
9	24901674	24901674	1	p21.3	p21.3	LOC389708/E LAVL2	8%	11%	6%	2%	17%
9	125102976	125102976	1	q33.3	q33.3	RALGPS1	19%	11%	27%	27%	8%
10	47305407	47305407	1	q11.22	q11.22	LOC387680/ ANXA8	10%	9%	15%	8%	8%
10	134796267	134796267	1	q26.3	q26.3	CYP2E1	14%	13%	12%	17%	8%
11	3367369	3367369	1	p15.4	p15.4	ZNF195	2%	1%	0%	0%	17%
12	49374124	49374124	1	q13.12	q13.12	KIAA1463	8%	7%	9%	8%	17%
13	49962325	49962325	1	q14.3	q14.3	WDFY2	25%	24%	18%	31%	25%
15	19848871	19939343	5	q11.2	q11.2	OR4M2	8%	12%	6%	6%	0%
17	37525468	37525468	1	q12	q12	LASP1/PLXD C1	6%	4%	9%	4%	17%
19	41602840	41602840	1	q13.12	q13.12	ZNF566/ZNF 545	11%	9%	12%	12%	17%

**Table S3:** List of regions found heterozygously deleted in more than 10% of the samples assayed (by histopathological group).

Chr	Start bp	End bp	Length (bp)	SN P #	Starting Band	Ending Band	Gene(s)	All max	GBM max	ASTRO max	OLIGO max	MIXED max
1	3504300	5439054	1934755	26	p36.32	p36.31	NPHP4/SHR EW1	7%	5%	0%	10%	25%
1	28857071	28946826	89756	2	p35.3	p35.3	OPRD1	5%	1%	0%	12%	17%
1	31881013	31881013	1	1	p35.2	p35.2	PTP4A2	23%	21%	21%	25%	33%
1	52157227	52157227	1	1	p32.3	p32.3	MADHIP	11%	11%	12%	10%	17%
1	52325376	52325376	1	1	p32.3	p32.3	ZCCHC11	10%	10%	9%	10%	17%
1	92942515	92951992	9478	2	p22.1	p22.1	RPL5/M96	9%	9%	3%	10%	25%
1	112492091	112492091	1	1	p13.2	p13.2	CAPZA1	16%	20%	12%	13%	17%
1	143300202	143400096	99895	2	q21.1	q21.1	ZNF364	12%	10%	12%	13%	17%
1	147680354	147680354	1	1	q21.2	q21.2	FLJ12528	6%	5%	0%	12%	8%
1	240825227	240825227	1	1	q44	q44	AKT3	7%	1%	9%	10%	25%
2	11689185	11689185	1	1	p25.1	p25.1	E2F6/GREB 1	28%	27%	36%	27%	25%
2	32056632	32270803	214172	3	p22.3	p22.3	SRD5A2	7%	5%	12%	6%	17%
2	240837079	240837079	1	1	q37.3	q37.3	NDUFA10	33%	32%	36%	31%	42%
3	51445618	51445618	1	1	p21.2	p21.2	VprBP	14%	13%	12%	17%	17%
3	195694521	195694521	1	1	q29	q29	FLJ11301	19%	15%	24%	23%	25%
4	123729796	123729796	1	1	q27	q27	KIAA1109	8%	9%	12%	6%	0%
4	145491988	145491988	1	1	q31.21	q31.21	GYPB/GYP B/GYPE	26%	23%	30%	31%	25%
5	24067683	24067683	1	1	p14.2	p14.2	C5orf17	15%	22%	9%	10%	8%
5	74456214	74456214	1	1	q13.3	q13.3	FLJ40191/C 2GNT3	11%	20%	6%	4%	0%
6	74559155	74559155	1	1	q13	q13	COL12A1	11%	13%	6%	12%	8%
6	78531227	78531227	1	1	q14.1	q14.1	HTR1B/PHI P	16%	13%	18%	19%	25%
6	86500178	86500178	1	1	q14.3	q14.3	HTR1E	8%	11%	9%	6%	0%
6	95539463	95539463	1	1	q16.1	q16.1	EPHA7/MA NEA	13%	16%	12%	8%	17%
6	123221830	123221830	1	1	q22.31	q22.31	TRDN/SMP DL3A	15%	18%	15%	10%	8%
7	250149	250149	1	1	p22.3	p22.3	FAM20C	8%	6%	15%	8%	8%
8	39206202	39206849	648	2	p11.23	p11.23	ADAM32	7%	4%	9%	8%	25%
8	54822894	54888299	65406	2	q11.23	q11.23	RGS20	12%	10%	15%	10%	33%

8	14607 3119	14608 6167	13049	2	q24.3	q24.3	ZNF7	8%	2%	9%	15%	8%
9	49493 31	49493 31	1	1	p24.1	p24.1	JAK2/RCL1	7%	11%	3%	4%	8%
9	92852 81	11056 050	1770770	93	p23	p23	TYRP1/PTP RD	7%	12%	3%	2%	8%
9	11489 438	14769 526	3280089	10 4	p23	p22.3	MPDZ/NFI B	9%	15%	3%	2%	17%
9	15384 347	15964 495	580149	6	p22.3	p22.3	SNAPC3	8%	13%	3%	2%	17%
9	16598 962	16989 398	390437	14	p22.2	p22.2	C9orf39/	7%	11%	3%	2%	17%
9	17365 677	18382 597	1016921	32	p22.2	p22.2	SH3GL2	8%	12%	6%	4%	17%
9	18776 181	29850 957	1107477 7	39 2	p22.1	p21.1	CDKN2B	22%	34%	9%	10%	33%
9	26945 661	27830 948	885288	41	p21.2	p21.2	TEK	12%	18%	3%	8%	17%
9	31197 631	31362 120	164490	6	p21.1	p21.1	FLJ31810	8%	11%	0%	6%	25%
9	33299 913	33299 913	1	1	p13.3	p13.3	NFX1	6%	11%	0%	2%	0%
9	34016 538	34016 538	1	1	p13.3	p13.3	UBAP2	7%	12%	0%	2%	8%
9	72765 829	73138 937	373109	7	q21.13	q21.13	RORB/TRP M6	12%	16%	6%	8%	25%
9	88458 723	88538 294	79572	4	q22.2	q22.2	GADD45G	8%	12%	0%	4%	17%
9	95438 913	95439 379	467	2	q22.33	q22.33	KIAA1529	9%	13%	3%	2%	25%
9	10350 6143	10372 9069	222927	5	q31.1	q31.1	CDW92	8%	11%	0%	6%	17%
9	12311 3824	12311 3824	1	1	q33.3	q33.3	C9orf126	12%	16%	6%	8%	25%
10	24895 3	48733 1	238379	4	p15.3	p15.3	ZMYND11	13%	22%	6%	0%	25%
10	86529 1	58694 13	5004123	12 5	p15.3	p15.1	ADARB2	12%	21%	6%	2%	25%
10	31603 65	52776 05	2117241	71	p15.2	p15.1	AKRIC3	12%	20%	6%	2%	25%
10	64070 56	81961 55	1789100	60	p15.1	p14	SFMBT2/FL J14641	11%	20%	3%	0%	25%
10	62995 54	21277 444	1497789 1	44 3	p15.1	p12.31	GATA3/CU GBP2	15%	23%	9%	4%	33%
10	22280 825	23705 106	1424282	30	p12.31	p12.2	PIP5K2A	12%	22%	3%	0%	25%
10	24421 359	26030 905	1609547	44	p12.2	p12.1	PRTFDC1	13%	23%	3%	0%	25%
10	26457 174	28407 398	1950225	37	p12.1	p12.1	RAB18	13%	23%	3%	0%	25%
10	28804 176	31966 468	3162293	69	p12.1	p11.22	MAP3K8/L OC220929 0.15	15%	24%	9%	2%	25%
10	32257 715	35094 481	2836767	85	p11.22	p11.21	PARD3	14%	24%	6%	0%	25%
10	43738 192	44445 115	706924	18	q11.21	q11.21	CXCL12/C1 0orf10/RAS SF4	11%	20%	3%	0%	25%
10	44926 540	45251 774	325235	8	q11.21	q11.21	LOC338579/ ALOX5	12%	21%	3%	0%	25%
10	49980 903	55670 995	5690093	16 4	q11.23	q21.1	PCDH15	15%	26%	3%	2%	25%

10	56131 037	70695 614	1456457 8	32 7	q21.1	q22.1	CTNNA3	16%	27%	12%	2%	33%
10	71695 382	72074 785	379404	8	q22.1	q22.1	PRF1	12%	22%	3%	0%	25%
10	72462 702	74402 960	1940259	20	q22.1	q22.2	ASCC1/CB ARA1	17%	26%	15%	4%	25%
10	75427 240	76244 790	817551	8	q22.2	q22.2	MYST4	17%	26%	15%	2%	25%
10	76996 784	78872 221	1875438	51	q22.2	q22.3	C10orf11	12%	21%	3%	0%	25%
10	79931 521	79931 521	1	1	q22.3	q22.3	RPS24/RAI1 7/RPS24	10%	17%	3%	0%	25%
10	81697 585	86659 327	4961743	15 7	q22.3	q23.2	MGC16186	14%	23%	6%	2%	25%
10	87158 994	87444 447	285454	7	q23.2	q23.2	GRID1/PTE N	12%	22%	3%	0%	25%
10	88927 564	94715 137	5787574	16 3	q23.31	q23.33	HHEX/SEC 15L1	15%	26%	9%	2%	25%
10	95177 397	96434 356	1256960	29	q23.33	q23.33	CYP2C9	15%	26%	9%	0%	25%
10	96960 509	99078 789	2118281	38	q24.1	q24.2	TLL2	16%	27%	9%	2%	25%
10	99489 893	99562 720	72828	3	q24.2	q24.2	C10orf28/C RTAC1	15%	26%	6%	2%	25%
10	10019 7589	11202 4327	1182673 9	27 3	q24.2	q25.2	NT5C2	16%	26%	12%	2%	25%
10	11221 0081	11418 4432	1974352	42	q25.2	q25.2	VTI1A	15%	24%	9%	2%	25%
10	11473 1530	11929 6833	4565304	11 5	q25.3	q26.11	ATRNL1	15%	24%	9%	2%	25%
10	12039 3221	12284 1747	2448527	44	q26.11	q26.13	GRK5	19%	26%	12%	12%	25%
10	12423 4742	12439 8369	163628	7	q26.13	q26.13	C10orf88/C1 0orf89	12%	22%	3%	0%	25%
10	12652 1648	12808 4104	1562457	34	q26.13	q26.2	ADAM12	14%	24%	6%	0%	25%
10	13132 6705	13143 5203	108499	2	q26.3	q26.3	MGC33437	11%	17%	6%	0%	25%
10	13152 7334	13166 6811	139478	2	q26.3	q26.3	TXNL2/TC ERG1L	11%	18%	6%	0%	25%
10	13282 2357	13479 6267	1973911	4	q26.3	q26.3	CYP2E1	29%	34%	15%	27%	33%
11	13531 50	13531 50	1	1	p15.5	p15.5	TOLLIP/ST K29	7%	4%	12%	10%	8%
11	36964 05	36964 05	1	1	p15.4	p15.4	NUP98/NUP 98/NUP98	6%	4%	12%	6%	8%
11	53509 77	55833 17	232341	11	p15.4	p15.4	UBQLN3/	4%	2%	12%	2%	8%
11	10208 414	10311 303	102890	5	p15.4	p15.4	CMT4B2	6%	5%	12%	2%	8%
11	33384 473	33384 473	1	1	p13	p13	HIPK3/G2	3%	0%	12%	2%	8%
11	56445 190	56546 772	101583	4	q11	q11	AGTRL1/FL J31393	5%	2%	12%	6%	0%
11	62613 871	62842 498	228628	4	q12.3	q12.3	LOC387601/ MGC34821	8%	6%	15%	8%	8%
11	12850 0322	12850 0322	1	1	q24.3	q24.3	RICS	28%	23%	30%	37%	8%
12	10965 1774	10965 1774	1	1	q24.11	q24.11	PPP1CC	18%	20%	15%	17%	17%
13	38346 606	38496 850	150245	2	q14.11	q14.11	COG6	6%	11%	3%	2%	0%

13	70611 837	73088 480	2476644	99	q21.33	q22.2	C13orf24	7%	12%	0%	4%	0%
13	73446 514	73952 056	505543	16	q22.2	q22.2	NA	6%	11%	0%	2%	0%
13	82100 930	82501 611	400682	9	q31.1	q31.1	SLITRK1	7%	11%	3%	6%	0%
14	33546 537	33860 837	314301	3	q13.2	q13.2	C14orf10	3%	2%	0%	2%	17%
14	39940 055	39940 055	1	1	q21.1	q21.1	LRFN5	3%	2%	0%	2%	17%
14	41642 809	41949 251	306443	9	q21.2	q21.2	DKFZP434F 1017/LRFN 5	3%	4%	0%	2%	17%
14	56193 192	67045 840	1085264 9	26 8	q23.1	q24.1	/C14orf105	6%	7%	3%	4%	17%
14	67748 303	67855 322	107020	3	q24.1	q24.1	GALNTL1	3%	1%	0%	4%	17%
14	68405 286	70904 846	2499561	42	q24.2	q24.2	SMOC1	4%	2%	3%	4%	17%
14	71323 712	72753 412	1429701	30	q24.2	q24.3	DPF3	5%	5%	3%	4%	17%
14	73257 459	73316 456	58998	7	q24.3	q24.3	C14orf170	3%	2%	0%	4%	17%
14	74159 349	74510 410	351062	6	q24.3	q24.3	NA	3%	2%	0%	4%	17%
14	75138 528	75572 524	433997	6	q24.3	q24.3	ESRRB/KIA A1036	6%	5%	6%	4%	17%
14	76275 955	78845 222	2569268	79	q24.3	q31.1	ADCK1	4%	4%	3%	4%	17%
14	79549 006	79549 006	1	1	q31.1	q31.1	TSHR	3%	2%	0%	4%	17%
14	80078 633	85372 109	5293477	18 6	q31.1	q31.3	/SEL1L	6%	6%	3%	4%	17%
14	85731 066	87798 781	2067716	52	q31.3	q32.11	GALC	5%	5%	3%	4%	17%
14	87934 790	92428 523	4493734	85	q32.11	q32.12	C14orf116	4%	4%	3%	2%	17%
14	96232 984	96232 984	1	1	q32.2	q32.2	FLJ25773	3%	4%	0%	2%	17%
14	97944 125	97944 125	1	1	q32.2	q32.2	CCNK	3%	2%	0%	2%	17%
14	10086 5241	10184 7578	982338	5	q32.32	q32.32	NA	6%	6%	3%	6%	17%
15	19848 871	19939 343	90473	5	q11.2	q11.2	NA	21%	24%	18%	15%	25%
15	32250 036	32250 036	1	1	q14	q14	SLC12A6	8%	13%	3%	2%	17%
15	42440 343	42538 830	98488	4	q15.3	q15.3	HSPC129	7%	7%	9%	2%	17%
15	47355 524	47355 524	1	1	q21.1	q21.1	FLJ32800	15%	15%	18%	10%	25%
15	54452 264	54452 534	271	3	q21.3	q21.3	MNS1	6%	7%	6%	2%	17%
15	57426 793	57427 747	955	3	q22.2	q22.2	/MYO1E/L DHL/MGC2 6690	7%	11%	6%	2%	8%
15	78299 749	78343 727	43979	2	q25.1	q25.1	FAH/ARNT 2	8%	9%	9%	2%	25%
16	41983 30	42152 97	16968	2	p13.3	p13.3	SRL/ADCY 9	4%	4%	12%	2%	0%
16	11274 531	11274 531	1	1	p13.13	p13.13	SOCS1	11%	11%	6%	12%	17%

16	17315 856	17315 856	1	1	p12.3	p12.3	XYLT1	4%	4%	12%	0%	0%
16	29175 680	29175 680	1	1	p11.2	p11.2	NA	7%	7%	3%	12%	0%
16	48315 382	48441 975	126594	2	q12.1	q12.1	SIAH1/FLJ3 1821	4%	4%	12%	0%	0%
16	52690 211	52690 211	1	1	q12.2	q12.2	NA	4%	4%	12%	0%	0%
17	29639 556	29785 153	145598	2	q11.2	q11.2	NF1	14%	17%	12%	13%	0%
17	35324 872	35324 872	1	1	q12	q12	LHX1/FLJ2 2578	9%	9%	12%	8%	8%
17	44840 245	44843 820	3576	2	q21.31	q21.31	NBR2	11%	9%	15%	12%	8%
17	58050 451	58050 451	1	1	q23.2	q23.2	DHX40/FLJ 37451	9%	9%	9%	12%	0%
17	63045 110	63091 410	46301	2	q24.1	q24.1	LOC90799/ SMURF2	15%	17%	9%	17%	8%
18	12792 416	12792 416	1	1	p11.21	p11.21	PTPN2	19%	18%	18%	23%	8%
18	31861 040	31861 040	1	1	q12.2	q12.2	P15RS	12%	12%	21%	10%	8%
18	57740 362	57740 362	1	1	q21.33	q21.33	PIGN	13%	12%	9%	17%	17%
18	74985 678	74985 678	1	1	q23	q23	NA	7%	6%	3%	12%	17%
19	71339 63	71339 63	1	1	p13.2	p13.2	INSR	7%	4%	6%	13%	8%
19	14900 519	14900 616	98	2	p13.12	p13.12	/OR7A17	13%	4%	12%	31%	17%
19	16012 223	16012 223	1	1	p13.12	p13.12	FLJ25328	6%	0%	3%	15%	17%
19	19682 367	19682 367	1	1	p13.11	p13.11	ZNF14	38%	30%	30%	50%	50%
19	32615 675	32787 652	171978	4	q12	q12	ZNF539/UQ CRFS1	14%	5%	9%	33%	17%
19	38087 312	38087 312	1	1	q13.11	q13.11	FLJ14640	32%	17%	27%	58%	42%
19	46477 122	48422 858	1945737	7	q13.2	q13.31	CEACAM5	8%	7%	9%	27%	17%
19	55203 845	55242 623	38779	2	q13.33	q13.33	ZNF473	22%	9%	21%	44%	33%
19	57117 898	57848 908	731011	10	q13.41	q13.41	FLJ12644/Z NF613	31%	16%	24%	56%	50%
19	59864 390	61780 662	1916273	14	q13.42	q13.43	ZNF495/ZN F582	21%	6%	18%	46%	33%
20	30650 914	30650 914	1	1	q11.21	q11.21	DEFB118	13%	9%	12%	19%	33%
21	99290 29	10019 847	90819	3	p11.2	p11.2	TPTE	13%	16%	12%	13%	0%
22	15876 534	15924 972	48439	2	q11.1	q11.1	IL17R/MGC 57211	8%	7%	12%	10%	0%
22	23025 408	23025 408	1	1	q11.23	q11.23	KIAA0376/ DKFZP434P 211	11%	13%	15%	8%	0%

**Table S4:** List of regions found amplified more than 5-fold in more than 10% of the samples assayed (by histopathological group).

Chr	Start bp	End bp	Length (bp)	SNP #	Starting Band	Ending Band	Gene(s)	All	GBM	ASTRO	OLIGO	MIXED
								max	max	max	max	max
1	21036 64	21036 64	1	1	p36.33	p36.33	SKI	29%	29%	30%	27%	33%
1	11896 676	12518 724	622049	2	p36.22	p36.21	TNFRSF8	28%	38%	30%	13%	50%
1	31617 266	31617 266	1	1	p35.2	p35.2	COL6A1	3%	5%	0%	0%	17%
1	19824 5289	19824 5289	1	1	q32.1	q32.1	KIF21B	28%	37%	15%	23%	17%
1	20287 1796	20287 1796	1	1	q32.1	q32.1	NUCKS	30%	28%	33%	35%	25%
2	27570 291	27570 291	1	1	p23.3	p23.3	SNX17	53%	60%	45%	46%	58%
2	12922 4881	12927 7433	52553	2	q14.3	q14.3	HS6ST1/RA B6C	15%	12%	15%	21%	17%
3	50240 180	50346 522	106343	2	p21.31	p21.31	GNAI2	11%	7%	9%	19%	8%
4	64956 55	64956 55	1	1	p16.1	p16.1	PPP2R2C	37%	30%	45%	44%	25%
4	86989 35	86989 35	1	1	p16.1	p16.1	GPR78	25%	20%	33%	29%	25%
7	22641 47	23525 07	88361	3	p22.3	p22.3	KIAA1023	21%	33%	9%	10%	17%
7	47520 749	47546 857	26109	2	p12.3	p12.3	HUS1	17%	23%	3%	15%	33%
7	51034 796	51034 796	1	1	p12.1	p12.1	COBL	20%	30%	9%	8%	25%
7	54151 805	55235 757	1083953	32	p11.2	p11.2	EGFR	26%	43%	15%	6%	33%
7	54460 074	55235 757	775684	17	p11.2	p11.2	SEC61G/M GC33530	26%	43%	15%	6%	33%
7	64650 310	64681 600	31291	2	q11.21	q11.21	ZNF92	16%	26%	9%	4%	17%
7	67935 503	67935 503	1	1	q11.22	q11.22	AUTS2/FLJ 13195	12%	13%	12%	13%	8%
7	98194 545	98404 785	210241	4	q22.1	q22.1	TRRAP/SM URF1	66%	72%	64%	62%	58%
7	99825 884	99825 884	1	1	q22.1	q22.1	TFR2/MOS PD3	10%	9%	12%	12%	17%
7	15242 1842	15242 3082	1241	2	q36.2	q36.2	DPP6/ARP3 BETA	34%	41%	27%	27%	42%
7	15541 3449	15541 3449	1	1	q36.3	q36.3	SHH/C7orf1 3	15%	18%	9%	10%	25%
8	12029 748	12029 748	1	1	p23.1	p23.1	MGC16279	8%	13%	6%	2%	0%
8	14294 2385	14294 2385	1	1	q24.3	q24.3	PTP4A3	32%	35%	27%	29%	33%
9	12717 5184	12717 5184	1	1	q34.11	q34.11	C9orf54	14%	18%	12%	8%	17%
10	74884 415	74884 415	1	1	q22.2	q22.2	SEC24C	3%	0%	0%	10%	0%
10	80242 907	80242 907	1	1	q22.3	q22.3	RPS24/RAI1 7	12%	4%	12%	27%	17%
10	13090 1969	13090 2117	149	2	q26.3	q26.3	MGMT	10%	6%	9%	19%	8%



11	29493 82	29647 04	15323	2	p15.4	p15.4	NAP1L4	13%	15%	12%	13%	8%
12	33057 91	33311 40	25350	2	p13.32	p13.32	HRMT1L3/ PP1057	3%	0%	3%	4%	17%
13	10915 9218	10915 9218	1	1	q34	q34	ING1	9%	7%	9%	13%	0%
14	10337 6060	10473 3584	1357525	2	q32.33	q32.33	C14orf78	10%	9%	12%	10%	8%
16	45589 08	45589 08	1	1	p13.3	p13.3	HMOX2	13%	13%	15%	10%	17%
16	17315 856	17315 856	1	1	p12.3	p12.3	XYLT1	6%	4%	3%	12%	0%
17	38633 209	38633 209	1	1	q21.1	q21.1	THRA	34%	45%	21%	27%	25%
17	77161 434	77161 434	1	1	q25.3	q25.3	FLJ40457	20%	16%	21%	29%	17%
19	27055 48	27058 40	293	2	p13.3	p13.3	GNA11	22%	29%	12%	13%	42%
19	76874 35	76874 35	1	1	p13.2	p13.2	FCER2	7%	11%	3%	2%	8%
19	14490 150	14510 264	20115	2	p13.12	p13.12	DNAJB1	15%	18%	15%	10%	8%
20	69663 1	69663 1	1	1	p13	p13	C20orf55	11%	20%	6%	2%	0%
20	11956 243	11974 195	17953	3	p12.1	p12.1	BTBD3/C20 orf38	10%	18%	3%	4%	0%
20	31956 735	32148 866	192132	3	q11.21	q11.21	C20orf112/F LJ33706	21%	30%	9%	13%	25%
20	33753 012	33753 012	1	1	q11.22	q11.22	ITCH	6%	11%	0%	0%	8%
20	43969 564	43969 564	1	1	q13.12	q13.12	ADA	19%	32%	6%	6%	25%
20	46975 672	47162 057	186386	2	q13.12	q13.13	SULF2/PRE X1	16%	26%	3%	10%	17%
20	49523 283	49523 283	1	1	q13.13	q13.13	PTPN1	10%	18%	6%	0%	8%

**Table S5:** List of regions found with Loss of heterozygosity in more than 5% of the samples assayed (by histopathological group).

Chr	Start bp	End bp	Start Band	End Band	Length (bp)	SNP #	Gene	All max	GBM max	ASTRO max	OLIGO max	MIXED max
1	27085 22	42571 804	p36.32	p34.2	398632 83	429	BACH/CAMTA1/ CLSTN1/CTNNA1/ P1/DHRS3/FBXO 2/FLJ20321/FLJ37 118/FRAP1/KIF1 B/MFN2/MGC351 94/MIG6/PEX14/ PGD/RERE/TNFR SF1B/TNFRSF9/ UTS2/VPS13D	7%	4%	0%	21%	0%
1	44362 823	44844 958	p34.1	p34.1	482136	7	EIF2B3/FLJ10597	5%	0%	0%	17%	0%
1	45088 414	46487 861	p34.1	p33	139944 8	14	ATPAF1/DMBX1 /FLJ32011/MAST 2/MGC22960/PIK 3R3/TESK2/ZSWI M5	5%	0%	0%	17%	0%
1	47632 536	59955 439	p33	p32.1	123229 04	263	DAB1	8%	2%	0%	23%	0%
1	60259 591	60488 848	p32.1	p32.1	229258	5	MGC34837/NFIA	5%	1%	0%	15%	0%
1	60538 781	61216 850	p32.1	p31.3	678070	16	MGC34837/NFIA	5%	1%	0%	15%	0%
1	61535 053	67455 635	p31.3	p31.2	592058 3	150	AK3/JAK1/KIAA 1573/LEPR/MGC 35130	8%	1%	0%	25%	9%
1	69793 578	70178 184	p31.1	p31.1	384607	16	DKFZP566D1346/ FLJ20331/KIAA1 365/SFRS11	6%	0%	0%	19%	0%
1	78951 103	80600 999	p31.1	p31.1	164989 7	77	LPHN2	9%	6%	0%	21%	0%
1	82264 426	93650 713	p31.1	p22.1	113862 88	319	COL24A1/KIAA1 229	8%	1%	3%	25%	9%
1	93803 279	93857 392	p22.1	p22.1	54114	5	ABCA4/BCAR3/ GCLM/HSU15552	5%	0%	0%	15%	9%
1	94801 236	94899 852	p21.3	p21.3	98617	4	CNN3/MGC45474	5%	1%	0%	15%	0%
1	95105 778	10665 7077	p21.3	p13.3	115513 00	284	DPYD/PTBP2	10%	2%	0%	29%	9%
1	10780 4051	11212 5912	p13.3	p13.2	432186 2	126	AHCYL1/CD53/C SF1/EP8L3/GPR 61/KCNA2/KCN A3/KCNC4/LOC1 64153/MGC46534 /MGC54289/PSM A5/RIF1/SLC16A 4/SORT1	6%	1%	0%	21%	0%
1	11321 8181	11828 2702	p13.2	p12	506452 2	109	NGFB/TSPAN-2	6%	1%	0%	17%	9%
2	19325 1438	19652 9342	q32.3	q32.3	327790 5	65	TMEFF2	6%	9%	6%	6%	0%
2	19699	19699	q32.3	q32.3	1	1	DNAH7	5%	5%	9%	4%	0%

	5117	5117												
3	13004 6939	13269 6233	q21.3	q22.1	264929 5	45	ATP2C1/CPNE4/ FLJ12057/FLJ358 80/HT001/LOC13 2241/NEK11/PIK 3R4/RHO/TRH	5%	4%	9%	2%	18%		
6	26557 415	29444 173	p22.1	p22.1	288675 9	33	GPX5/OR5V1/RF P/ZNF311/ZNF45 2	6%	7%	3%	4%	9%		
6	51058 383	51112 593	p12.3	p12.3	54211	3	PKHD1/TFAP2B	5%	7%	6%	2%	0%		
6	62856 649	63238 120	q11.1	q11.1	381472	16	GLULD1/KHDRB S2	6%	5%	9%	6%	0%		
6	79852 226	80133 067	q14.1	q14.1	280842	13	C6orf152/HMGN3 /PHIP	5%	6%	9%	2%	0%		
7	85177 902	85746 055	q21.11	q21.11	568154	22	GRM3	5%	4%	3%	8%	9%		
7	86236 120	86657 613	q21.12	q21.12	421494	11	ABCB4/C7orf23/ CROT/DMTF1/FL J31340/TP53AP1	5%	5%	6%	4%	9%		
7	11788 8833	11929 8514	q31.31	q31.31	140968 2	31	KCND2	6%	4%	9%	6%	9%		
7	12526 7226	12625 2244	q31.33	q31.33	985019	59	GRM8	9%	6%	24%	4%	9%		
8	50094 612	52299 279	q11.21	q11.22	220466 8	73	SNTG1	9%	7%	9%	10%	18%		
9	23939 1	32506 864	p24.3	p21.1	322674 74	1159	MPDZ/NFIB/CD KN2A	17%	28%	6%	13%	27%		
10	22369 5	13481 3136	p15.3	q26.3	134589 442	2941	IMPK/TFAM/ZW INT/PTEN	21%	28%	27%	10%	27%		
11	11705 272	13459 073	p15.3	p15.3	175380 2	46	ARNTL/FLJ14966 /MGC71806/MIC AL2/PARVA/PTH /TEAD1	5%	6%	6%	2%	9%		
11	38225 627	38349 147	p12	p12	123521	6	LOC119710/RAG 1/RAG2	5%	5%	6%	4%	9%		
11	40321 385	40321 562	p12	p12	178	2	API5	5%	5%	9%	4%	0%		
11	10457 5201	10582 6061	q22.3	q22.3	125086 1	36	GRIA4/GUCY1A 2/KBTBD3	5%	6%	9%	4%	0%		
12	41763 838	41849 394	q12	q12	85557	10	ADAMTS20	5%	5%	9%	4%	0%		
12	42326 335	43025 660	q12	q12	699326	15	ADAMTS20/DKF Zp434K2435	5%	5%	12%	2%	0%		
12	43291 091	43291 091	q12	q12	1	1	NELL2	5%	5%	15%	0%	0%		
13	39835 935	40118 827	q14.11	q14.11	282893	6	KIAA0564/RGC3 2	5%	9%	3%	2%	0%		
13	40194 618	44916 652	q14.11	q14.13	472203 5	144	DNAJD1	8%	12%	9%	2%	0%		
13	45253 864	45899 437	q14.2	q14.2	645574	20	HTR2A/SUCLA2	6%	10%	3%	2%	0%		
13	46029 992	50091 533	q14.2	q14.3	406154 2	70	DLEU1/FAM10A 4/FLJ11712/HTR2 A/SUCLA2	6%	10%	3%	4%	0%		
13	51288 882	51550 182	q14.3	q14.3	261301	11	FLJ40296/GW112 /PCDH8	5%	7%	3%	4%	0%		
13	55615 870	57296 330	q21.1	q21.1	168046 1	33	FLJ40296/PCDH1 7	6%	10%	3%	4%	0%		
13	60232	62887	q21.31	q21.31	265486	57	FLJ25694/PCDH2	6%	11%	0%	2%	0%		

	602	470			9		0					
13	62906 541	65139 738	q21.31	q21.32	223319 8	67	FLJ25694/PCDH9	6%	11%	0%	2%	9%
13	65324 482	68494 518	q21.32	q21.33	317003 7	92	KLHL1/PCDH9	6%	11%	3%	2%	9%
13	68495 298	68900 530	q21.33	q21.33	405233	8	DACH1/KLHL1	5%	9%	3%	2%	0%
13	69747 534	70337 628	q21.33	q21.33	590095	23	DACH1/KLHL1	6%	10%	0%	2%	9%
13	70342 102	70674 359	q21.33	q21.33	332258	11	DACH1/FLJ22624 /KIAA1008	6%	10%	0%	2%	9%
13	70994 914	71594 104	q21.33	q22.1	599191	15	C13orf24/DACH1 /FLJ22624/KIAA1 008/KLF12/KLF5	5%	9%	0%	2%	9%
13	72545 884	73450 513	q22.1	q22.2	904630	27		5%	10%	0%	2%	0%
13	73470 543	74032 226	q22.2	q22.2	561684	23	LMO7/UCHL3	5%	10%	0%	2%	0%
13	86740 749	87764 104	q31.2	q31.3	102335 6	28	SLITRK5	6%	10%	3%	2%	0%
14	25413 972	26047 168	q12	q12	633197	19	NOVA1	5%	9%	0%	2%	9%
14	28480 401	28664 599	q12	q12	184199	13	PRKCM	5%	10%	0%	2%	0%
14	28664 937	31221 626	q12	q12	255669 0	78	AKAP6/ARHGAP 5/C14orf127	6%	10%	0%	2%	9%
14	35301 567	35504 514	q13.3	q13.3	202948	10	SLC25A21	5%	10%	3%	0%	0%
14	36567 572	38128 935	q21.1	q21.1	156136 4	44	C14orf27/SEC23A	6%	11%	3%	2%	0%
14	38173 324	38476 383	q21.1	q21.1	303060	16	LRFN5	5%	10%	0%	2%	0%
14	42299 753	42497 693	q21.2	q21.2	197941	5	DKFZP434F1017/ LRFN5	5%	9%	0%	2%	9%
14	42605 687	45480 533	q21.2	q21.3	287484 7	74	C14orf106/DKFZ P434F1017/FKBP 3/KIAA1596/RPL 10L	7%	10%	0%	6%	9%
14	47309 465	51206 761	q21.3	q22.1	389729 7	79	DKFZp762F0713/ ERO1L	6%	9%	0%	4%	9%
14	56162 111	60644 739	q23.1	q23.2	448262 9	116	C14orf135/C14orf 39/DHRS7/HIF1A /KIAA1393/MNA T1/PPM1A/PRKC H/RTN1/SIX1/SI X6/SLC38A6	9%	10%	3%	10%	18%
14	60727 775	60817 381	q23.2	q23.2	89607	8	KCNH5	6%	7%	0%	4%	18%
14	61073 472	68525 940	q23.2	q24.2	745246 9	129	FUT8	10%	15%	0%	10%	18%
14	68634 783	70819 116	q24.2	q24.2	218433 4	49	C14orf112/MAP3 K9/MED6/PCNX/ RGS6/SLC8A3/T TC9	6%	7%	3%	6%	9%
14	70821 047	75244 140	q24.2	q24.3	442309 4	56	DPF3/NUMB/PSE N1	6%	7%	3%	6%	9%
14	77982 153	78083 295	q31.1	q31.1	101143	12	NRXN3	5%	6%	0%	4%	18%
14	78112 876	81367 373	q31.1	q31.2	325449 8	127	TSHR	6%	6%	0%	8%	18%

14	82490 390	82618 092	q31.3	q31.3	127703	6	SEL1L	5%	5%	0%	8%	9%
14	82713 267	84955 240	q31.3	q31.3	224197 4	92	FLRT2/SEL1L	6%	7%	3%	12%	9%
15	40356 051	41705 574	q15.1	q15.3	134952 4	15	CATSPER2/CKM T1/FLJ35867/LC MT2/MAP1A/TG M7/TP53BP1/UB R1	6%	6%	3%	8%	0%
15	41939 243	42919 028	q15.3	q21.1	979786	9	B2M/MGC14161/ MGC33951/RNF3 6	5%	5%	3%	8%	0%
15	43029 735	43273 374	q21.1	q21.1	243640	3	MGC33951/SLC2 8A2/SORD	5%	5%	3%	8%	0%
15	43411 930	43651 811	q21.1	q21.1	239882	3	SPATA5L1/SQR DL	5%	5%	3%	8%	0%
15	44226 985	45788 188	q21.1	q21.1	156120 4	55	SEMA6D	7%	10%	0%	8%	0%
17	48920 9	21095 784	p13.3	p11.2	206065 76	261	AIPL1/ALOX12/ CGI- 125/CLECSF14/F LJ20014/FLJ3273 4/MGC10744/MY H10/NDEL1/NTN 1/P101- PI3K/PITPNM3/S LC13A5/SLC16A 11/TEKT1 BIRC8/CACNG6/ CACNG8/FPRL2/ GALP/KIR3DL1/ KLK14/LILRB1/L ILRB4/LOC12620 8/NALP11/NALP 12/NALP13/NAL P4/NALP5/PPP2R 1A/SIGLEC6/SIG LEC8/ZNF160/ZN F175/ZNF331/ZN F444/ZNF534/ZN F577/ZNF578 ADRBK2/BCR/C ABIN1/CRYBB2/ CRYBB3/DKFZP 434P211/FLJ3156 8/FLJ36046/GGT1 /GGTL4/GSTT2/ HS322B1A/IGLJ3 /KIAA0376/KIAA 1671/LOC150236/ LOC91219/MAPK 1/MYO18B/PPIL2 /PRAME/RUTBC 2/SDF2L1/SEZ6L/ SLC7A4/SUHW1/ SUHW2/TOP3B/ UBE2L3/VPREB1	11%	11%	15%	8%	27%
19	33195 886	63437 743	q12	q13.43	302418 58	262	CRYBA4/HPS4/L OC57168/SEZ6L	10%	2%	3%	25%	18%
22	19773 965	24801 310	q11.21	q12.1	502734 6	43	CRYBA4/PITPNB	5%	9%	0%	4%	0%
22	25095 430	25908 845	q12.1	q12.1	813416	18		5%	9%	3%	2%	0%
22	25925 092	26577 779	q12.1	q12.1	652688	20		5%	9%	3%	2%	0%

22	32295 296	33464 736	q12.3	q12.3	116944 1	28	HMG2L1/LARGE	5%	9%	0%	4%	0%
22	33487 049	44035 324	q12.3	q13.31	105482 76	77	APOL3/APOL4/A POL5/HMG2L1/L ARGE/MCM5/M YH9/RBM9	7%	11%	3%	4%	0%