

**Table S1: Non-Recurrent High Level Amplifications and Homozygous Deletions**

<b><u>Amplifications</u></b>			
<u>Cytoband</u>	<u>Genome Coordinates</u>	<u>Mean Copy Number<sup>a</sup></u>	<u>Candidate Gene(s)</u>
1q32.1	200047017-202469959	17-24	<b>PIK3C2B, MDM4</b>
4q12	54747289-54760139	12	<b>CHIC2</b>
7p15.1	29378396-29706918	18	PRR15, WIPF3
7q31.1-2	112312912-116132585	34-44	<b>MET</b>
8q24.21	128822436-129923551	29	<b>MYC, PVT1</b>
9q31.3	109980340-110217480	10	AKAP2, TXN, SVEP1
9q32	112843631-113139775	24	CDC26, PRPF4
9q33.1	116014601-116201896	14	PAPPA
10p12.31	21227093-21398431	12	NEBL
11p11.2	46456450-46699808	10	AMBRA1, HARBI1, ARHGAP1, ZNF408
12p13.32-3	758581-5030047	15-22	RAD52, <b>WNT5B</b> , CCND2
15q26.3	97230085-97613612	30	<b>IGF1R</b>
17p12	14792021-15890923	10-12	PMP22, TEK3, CDRT4, FAM18B2, CDRT1, TRIM16
<b><u>Homozygous Deletions</u></b>			
<u>Cytoband</u>	<u>Genome Coordinates</u>	<u>Mean Copy Number<sup>a</sup></u>	<u>Candidate Gene(s)</u>
3p12.2	80543705-81645800	0.43	GBE1
3q22.1	132754137-133043491	0.43	CPNE4
6q24.3	146917015-147148534	0.46	RAB32
7q31.2	114247569-115325519	0.10	MDFIC, TFEC
10q23.31	89629942-90032886	0.18	<b>PTEN</b>
11p15.4	8127695-8209017	0.49	RIC3, LMO1
13q12-14	26137161- 41757941	0.33-0.45	WASF3, GPR12, GTF3A, MTIF3, LNK2, DGKH, AKAP11
15q22.31	61769605-61997332	0.17	HERC1, DAPK2
17p13.1	7498559-7501019	0.38	<b>TP53</b>
20p12.2	11850598-12934593	0.08	BTBD3

<sup>a</sup> Mean values determined from tumors with copy number increases at each of the indicated loci; ranges in copy number value designate regions for which there are multiple probe sets, with the mean amplification value for each probe set showing some degree of variation.

Bold Genes = known association with astrocytoma.