

Additional File 1-Distributions of SNVs and indels among different genomic regions

Regions	Control SNV	Glioma SNV	Somatic SNV	Control Indel	Glioma Indel	Somatic Indel	LOH SNV
<i>Alu Neighborhoods:</i>							
Inside Alu	12,590	14,156	199	1,296	1,373	228	193
0-10bp from Alu	294	356	15	135	148	29	9
10-100 bp from Alu	2,334	2,570	35	296	315	40	84
100-200 bp from Alu	1,378	1,412	16	187	188	25	40
200-1k bp from Alu	1,832	1,826	8	187	182	19	29
1-6k bp from Alu	64	62	1	5	3	0	1
<i>Genic region:</i>	9,847	10,945	149	1,060	1,121	185	180
Exon	176	200	3	11	22	2	2
Intron	9,760	10,744	147	1,053	1,108	184	179
Splice sites	2	2	0	0	1	0	0
5'UTR	19	23	0	1	1	0	0
3'UTR	80	97	1	7	15	1	1
<i>Intergenic region</i>	8,659	9,449	125	1,048	1,089	156	177
<i>CpG dinucleotides</i>	1,978	2,221	27	132	136	20	34
<i>PolyA tail</i>	3	3	0	2	3	0	0
<i>Total</i>	18,506	20,394	274	2,108	2,210	341	357