

TABLE 1: CISs in MBs and Cerebellum Controls

A. Medulloblastomas

Gene	Chr	CIS Width	N	I	GKC p-value	Other Genes	Inferred MOA	CGC	MB-Mut	MB-CIS
<i>Nfia</i>	4	28.6	20	27	<1E-14	-	Loss	-	-	Ptch
<i>Atxn2</i>	5	25	6	6	<1E-14	-	?	-	-	-
<i>Tead1</i>	7	19.1	6	7	3.9E-14	-	Gain	-	-	Ptch
<i>Tgif2</i>	2	0.8	3	4	0.0006	-	Gain	-	-	-
<i>Crebbp</i>	16	37.1	5	5	0.0009	-	Loss	S	Y	Ptch
<i>Dscr3</i>	16	18.3	5	6	0.0009	-	Loss	-	-	-
CIS13:72336914	13	44.3	5	6	0.0042	n/a	n/a	n/a	n/a	n/a
<i>Pten*</i>	19	50.2	4	5	0.0046	-	Loss	S/G	Y	Both
<i>Itgb1</i>	14	43.4	5	5	0.0062	<i>Fgf14</i>	?	-	-	-
<i>Nfib</i>	4	24.7	7	9	0.0071	-	Gain	S	-	Ptch
<i>Myt1l</i>	12	67.2	8	10	0.0089	<i>Pxdn, Tpo, Sntg2</i>	Loss	-	-	-
<i>Ankrd5</i>	2	1071.3	8	15	0.0092	<i>Plcb4, Pak7, Snap25</i>	?	-	-	-
<i>Slit3</i>	11	494.3	8	12	0.012	-	Loss	-	-	-
<i>Tmem45b</i>	9	58.4	4	5	0.019	-	?	-	-	-
<i>Sfi1</i>	11	51	5	6	0.021	-	Loss	-	-	Both
CIS15:70979306	15	20.3	4	4	0.028	n/a	n/a	n/a	n/a	n/a
<i>Fgf13</i>	X	23.5	3	4	0.026	-	Gain	-	-	-
CIS3:147532546	3	140.5	4	7	0.043	n/a	n/a	n/a	n/a	n/a
<i>L3mbtl4</i>	17	221.6	7	7	0.043	<i>Tmem200c</i>	Loss	-	-	-
<i>Adcy5</i>	16	127.1	4	6	0.044	<i>Ptblb</i>	Loss	-	-	-

B. Cerebellum Controls

<i>Faf1</i>	4	41.7	4	4	0.01	-	?			
<i>I7Rn6</i>	7	10	3	3	0.018	<i>Ccdc81</i>	?			
CIS6:31346217_240k	6	844	6	8	0.045	n/a	n/a			
<i>Ric3</i>	7	99	4	4	0.035	<i>Tub</i>	?			
CIS9:68415409_240k	9	1738	9	11	0.016	n/a	n/a			