

Table S5. Quantification of cerebellar homogenates for survival and development GPC-associated mediators.

	NO	NOD	HY	HYD
hyperoxia	–	–	+	+
dexmedetomidine	–	+	–	+
P7				
<i>NeuroD1</i>	100±3.6	69±4.9	69±5.3	69±10.1
<i>NeuN</i>	100±3.8	34±2.4	56±8.0	62±5.1
<i>Prox1</i>	100±8.5	97±4.7	74±11.0	89±12.5
<i>Chd7</i>	100±6.0	85±11.1	98±9.1	142±3.6
P9				
<i>NeuroD1</i>	100±6.9	56±10.1	57±4.5	83±5.2
<i>NeuN</i>	100±9.1	94±6.8	101±8.0	87±9.5
<i>Prox1</i>	100±10.0	94±10.0	69±5.8	109±7.1
<i>Chd7</i>	100±5.9	79±7.1	94±7.4	72±10.1
P11				
<i>NeuroD1</i>	100±8.5	139±8.0	163±12.4	121±5.8
<i>NeuN</i>	100±6.2	130±10.6	142±7.7	186±22.0
<i>Prox1</i>	100±6.4	140±4.4	79±6.2	96±7.5
<i>Chd7</i>	100±9.0	127±7.7	155±9.0	167±16.8
P14				
<i>NeuroD1</i>	100±7.0	97±6.7	125±6.2	58±3.9
<i>NeuN</i>	100±6.6	100±4.1	112±1.9	66±8.3
<i>Prox1</i>	100±7.2	146±6.0	82±9.5	52±7.3
<i>Chd7</i>	100±7.5	92±7.2	91±7.4	48±10.9

Data are normalized to the level of rat pups exposed to normoxia at each time point (control 100%). $n = 6/\text{group}$. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$, **** $p < 0.0001$ (ANOVA, Bonferroni's post hoc test; Kruskal–Wallis, Dunn's post hoc test; Brown–Forsythe, Dunnett's post hoc test).