

**Table S4.** Quantification of cerebellar homogenates for proliferating and migrating GPC-associated mediators.

	NO	NOD	HY	HYD
<b>hyperoxia</b>	–	–	+	+
<b>dexmedetomidine</b>	–	+	–	+
<b>P7</b>				
<i>CycD2</i>	100±4.8	71±8.6	61±7.4	154±9.0
<i>Pax6</i>	100±8.5	53±10.7	52±8.5	161±12.7
<i>Lma1α</i>	100±7.1	36±5.9	45±11.7	47±8.3
<i>Sema6a</i>	100±5.4	63±3.9	69±9.7	96±8.3
<b>P9</b>				
<i>CycD2</i>	100±7.4	48±10.4	47±7.0	71±6.5
<i>Pax6</i>	100±5.7	76±13.4	64±6.4	82±15.5
<i>Lma1α</i>	100±6.7	96±8.6	54±8.1	67±7.7
<i>Sema6a</i>	100±5.7	96±6.5	84±1.2	84±8.0
<b>P11</b>				
<i>CycD2</i>	100±9.2	125±9.1	161±12.9	97±6.9
<i>Pax6</i>	100±7.2	159±8.6	97±7.6	123±11.3
<i>Lma1α</i>	100±5.9	91±6.5	99±6.9	100±9.8
<i>Sema6a</i>	100±5.8	127±6.1	151±6.8	134±15.3
<b>P14</b>				
<i>CycD2</i>	100±5.5	161±15.0	140±18.6	65±12.2
<i>Pax6</i>	100±4.6	154±11.1	129±5.4	42±10.6
<i>Lma1α</i>	100±6.4	80±3.1	81±3.3	134±6.4
<i>Sema6a</i>	100±5.9	85±5.1	79±7.8	56±6.1

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).