

**Table S1.** Quantitation of NeuroD1 and PCNA positive cells after oxygen-induced cerebral neurotoxicity with/without caffeine

<b>hyperoxia</b>	-	+	-	+	<b>hyperoxia</b>	-	+	-	+
<b>caffeine</b>	-	-	+	+	<b>caffeine</b>	-	-	+	+
<b>P3</b>					<b>P3_15</b>				
<b>NeuroD1/PCNA</b>	100±4.7	69±3.6	100±4.1	107±7.4	<b>NeuroD1/PCNA</b>	100±12.2	62±3.7	54±5.3	82±2.7
<b>PCNA</b>	100±2.3	71±7.9	85±9.4	108±5.2	<b>PCNA</b>	100±8.9	59±4,8	50±6,9	81±7.8
<b>P5</b>					<b>P5_15</b>				
<b>NeuroD1/PCNA</b>	100±12.4	26±4.9	95±5.4	155±8.8	<b>NeuroD1/PCNA</b>	100±13.1	64±9.3	101±8.2	145±6.8
<b>PCNA</b>	100±8.9	34±3.2	77±8.1	122±7.9	<b>PCNA</b>	100±6.9	33±2.7	41±4.2	65±5.9

Data are normalized to the level of rat pups exposed to normoxia at each time point (control 100 %,) and the 100 % values are 71.8 (P3), 84.1 (P3\_15), 85.6 (P5), and 52.9 (P5\_15) for NeuroD1/PCNA positive cells, or 157.9 (P3), 407.1 (P3\_15), 391.9 (P5), and 249.3 (P5\_15) for PCNA positive cells, respectively. Data expressed as % of control as mean ± SEM with *n* = 5–6/ group. The significant values can be obtained from the diagrams in Fig. 2.