

**Supplementary table S4:** Statistical data from the biochemical analyses performed in the offspring's cerebellum.

Cerebellum						
Postnatal day 1						
<i>Parameter</i>	<i>Supplementation effect</i>		<i>Sex effect</i>		<i>Interaction</i>	
	<i>p value</i>	<i>Statistical data</i>	<i>p value</i>	<i>Statistical data</i>	<i>p value</i>	<i>Statistical data</i>
2',7'-dichlorofluorescein oxidation	0.332	F(1,40)=0.963	0.641	F(1,40)=0.221	0.967	F(1,40)=0.002
Superoxide dismutase activity	0.282	F(1,36)=1.195	<0.001	F(1,36)=15.604	0.799	F(1,36)=0.066
Glutathione peroxidase activity	0.152	F(1,43)=2.127	0.004	F(1,43)=9.085	0.792	F(1,43)=0.070
Catalase activity	0.838	F(1,39)=0.042	<0.001	F(1,39)=18.112	0.631	F(1,39)=0.234

Glyoxalase activity	0.630	F(1,36)=0.236	0.521	F(1,36)=0.421	0.414	F(1,36)=0.683
Reduced glutathione content	0.263	F(1,34)=1.297	0.003	F(1,34)=10.543	0.263	F(1,34)=1.297
SOD/GPx ratio	0.545	F(1,33)=0.373	<0.001	F(1,33)=30.743	0.338	F(1,33)=0.946
<i>Postnatal day 7</i>						
2',7'-dichlorofluorescein oxidation	0.003	F(1,36)=10.109	<0.001	F(1,36)=196.026	0.021	F(1,36)=5.848
Superoxide dismutase activity	0.001	F(1,36)=13.953	<0.001	F(1,36)=24.983	0.470	F(1,36)=0.533
Glutathione peroxidase activity	0.012	F(1,36)=6.941	<0.001	F(1,36)=30.964	0.485	F(1,36)=33.507
Catalase activity	0.420	F(1,34)=0.667	0.243	F(1,34)=1.409	0.476	F(1,34)=0.518
Glyoxalase activity	0.015	F(1,36)=6.595	0.776	F(1,36)=0.082	0.494	F(1,36)=0.477
Reduced glutathione content	0.061	F(1,36)=3.751	0.002	F(1,36)=10.597	0.183	F(1,36)=1.847
SOD/GPx ratio	0.109	F(1,33)=2.717	<0.001	F(1,33)=119.267	0.335	F(1,33)=0.958
<i>Postnatal day 21</i>						
2',7'-dichlorofluorescein oxidation	0.697	F(1,28)=0.155	0.022	F(1,28)=5.892	0.590	F(1,28)=0.297

Superoxide dismutase activity	0.090	F(1,28)=3.092	0.653	F(1,28)=0.206	0.035	F(1,28)=4.921
Glutathione peroxidase activity	0.637	F(1,28)=0.228	0.006	F(1,28)=8.785	0.083	F(1,28)=3.227
Catalase activity	0.063	F(1,28)=3.763	0.763	F(1,28)=0.092	0.324	F(1,28)=1.010
Glyoxalase activity	0.016	F(1,28)=6.559	0.004	F(1,28)=9.643	0.031	F(1,28)=5.163
Reduced glutathione content	0.783	F(1,27)=0.077	0.004	F(1,27)=10.187	0.298	F(1,27)=1.127
SOD/GPx ratio	0.187	F(1,27)=1.837	0.006	F(1,27)=8.714	0.889	F(1,27)=0.020