

S14 Table. Motor coordination and reflexes in the Cntnap2 knockout model.

Cntnap2																
	Measure	Genotype	P4		P7		P15		n	Factor						
			Mean	SE	Mean	SE	Mean	SE		Genotype	Age	Genotype x Age				
Motor Coordination/Reflexes	Roll (Isolation Test)	WT	2.1	0.5	0.1	0.1	0.0	0.0	22	F	4.1	P4 only	-			
		KO	3.9	0.7	0.1	0.1	0.0	0.0	23	p	0.0497	-	-			
	Righting	Righting Latency	WT	6.6	0.6	6.8	0.9	1.6	0.0	16	F	0.8	43.0	3.9		
			KO	6.4	0.7	4.6	0.4	2.2	0.5	18	p	ns	0.0001	0.03		
		Righting (#)	WT	1.4	0.2	2.3	0.2	2.9	0.1	22	22	22	U	235.0	162.0	231.0
			KO	1.3	0.2	1.7	0.2	3.0	0.5	23	23	22	p <sup>1</sup>	ns	0.03	ns
	Geotaxis	Geotaxis fall (%)	WT	25.0		11.4		4.5		22	22	22	U	233.0	204.0	231.0
			KO	30.4		21.7		0.0		23	23	22	p <sup>1</sup>	ns	ns	ns
		Geotaxis turns (%)	WT	6.8		9.1		72.7		22	22	22	U	231.0	244.0	196.0
			KO	15.2		10.9		56.8		23	23	22	p <sup>1</sup>	ns	ns	ns
		Geotaxis walk down (%)	WT	0.0		0.0		13.6		22	22	22	U	-	-	158.0
			KO	0.0		2.2		43.2		23	23	22	p <sup>1</sup>	-	-	0.02
		Latency to Fall	WT	25.8	6.8	30.8	14.0	53.0	-	9	3	1	F	0.01	0.4	-
			KO	27.0	6.7	22.4	6.1	-	-	10	8	0	p	ns	ns	-
Latency to Success	WT	34.0	26.0	60.0	0.0	25.6	4.4	2	2	16	F	-	-	1.2		
	KO	49.5	10.5	37.7	15.1	18.4	5.0	4	3	14	p	-	-	ns		

Notes: Statistics were not performed if the observed number of subjects in a group was smaller than 3. <sup>1</sup>Mann-Whitney tied p-value