

**S11 Table. Activity and ultrasonic vocalizations in the 16p11.2 deletion model.**

16p11.2															
Activity	Measure	Genotype	P4		P7		P15		n	Factor					
			Mean	SE	Mean	SE	Mean	SE		Genotype	Age	Genotype x Age			
Activity	Square Crossing	WT	1.8	0.6	5.9	0.8	21.4	5.6	16	F	1.4	19.6	1.0		
		HET	0.9	0.4	5.9	2.0	14.3	2.9	16	p	ns	0.0001	ns		
	Pivot	WT	2.6	0.6	1.6	0.6	0.3	0.2	16	F	0.7	8.3	0.8		
		HET	2.3	0.7	0.6	0.3	0.6	0.2	16	p	ns	0.001	ns		
	Rear	WT	0.1	0.1	0.0	0.0	3.2	0.9	16	F	0.0001	P15 only	-		
		HET	0.1	0.1	0.0	0.0	3.2	0.8	16	p	ns	-	-		
	Groom	WT	0.0	0.0	0.0	0.0	1.3	0.3	16	F	2.1	P15 only	-		
		HET	0.0	0.0	0.0	0.0	0.8	0.3	16	p	ns	-	-		
Ultrasonic Vocalization			WT	64.3	13.2	142.1	18.8	4.7	2.2	16	F	0.0004	29.9	2.1	
			HET	81.0	17.7	108.4	21.5	22.5	11.2	16	p	ns	0.0001	ns	