

Table S2. Significant ANOVA effects involving genotype (Geno) and sex variables from the 1-h locomotor activity test and sensorimotor battery in 4-6 and 12-14 months old *Gnptg*^{-/-} and WT mice.

<u>Test (Age)</u>	<u>Effect</u>	<u>F Statistics</u>
1-h Locomotor Activity		
Ambulations (12-14 mo)	Geno x Time Block 1	$F_{(5,75)}=4.35, p=0.012$ $F_{(1,15)}=5.02, p=0.041$
Rearings (12-14 mo)	Geno Block 1	$F_{(1,15)}=4.87, p=0.043$ $F_{(1,15)}=4.59, p=0.049$
Sensorimotor Battery		
60° Incl. Screen (4-6 mo)	Geno Geno x Sex	$F_{(1,16)}=18.84, p=0.0005$ $F_{(1,16)}=4.92, p=0.041$
90° Incl. Screen (4-6 mos)	Geno	$F_{(1,16)}=24.65, p=0.0001$
90° Incl. Screen (12-14 mos)	Geno Geno x Sex	$F_{(1,15)}=6.14, p=0.026$ $F_{(1,15)}=6.23, p=0.025$
Platform (12-14 mos)	Geno	$F_{(1,15)}=8.62, p=0.010$