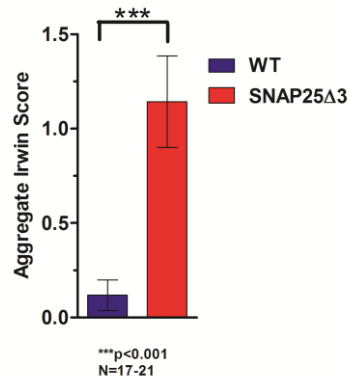
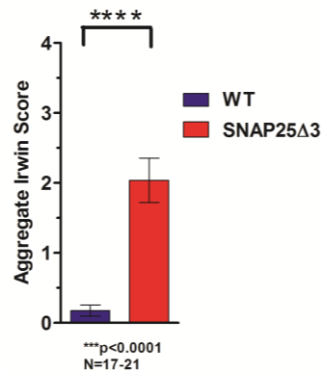


### A1 Autonomous Nervous System



### A2 Somatomotor Systems



### B

WT			
<b>Autonomic Nervous System</b>			
Cohort	I	II	All
Ptosis	-	-	-
Exophthalmus	-	-	-
Miosis	-	-	-
Mydriasis	-	-	-
Corneal reflex loss	-	-	-
Pinna reflex loss	(+)	-	(+)
Piloerection	-	-	-
Respiratory rate	-	-	-
Writhing	-	-	-
Tail erection	-	(+)	(+)
Lacrimation	-	-	-
Rectal temp. (°C)	36.5	36.6	36.6
<b>Somatomotor systems</b>			
Motor activity	-	-	-
Convulsions	-	-	-
Arch/roll	-	-	-
Tremors	-	-	-
Leg weakness	(+)	(+)	(+)
Rigid stance	-	-	-
Spraddle	-	-	-
Placing loss	-	-	-
Grasping loss	-	-	-
Righting loss	-	-	-
Catalepsy	-	-	-
Tail pinch	-	-	-
Escape loss	-	-	-

SNAP25 $\Delta$ 3			
<b>Autonomic Nervous System</b>			
Cohort	I	II	All
Ptosis	-	-	-
Exophthalmus	-	-	-
Miosis	(+)	(+)	(+)
Mydriasis	-	-	-
Corneal reflex loss	+	(+)	(+)
Pinna reflex loss	+	+	+
Piloerection	(+)	(+)	(+)
Respiratory rate	-	-	-
Writhing	-	-	-
Tail erection	+	+	+
Lacrimation	-	-	-
Rectal temp. (°C)	36.4	36.6	36.5
<b>Somatomotor systems</b>			
Motor activity	+	+	+
Convulsions	-	-	-
Arch/roll	-	-	-
Tremors	-	-	-
Leg weakness	+	+	+
Rigid stance	-	-	-
Spraddle	-	-	-
Placing loss	+	+	+
Grasping loss	-	-	-
Righting loss	-	-	-
Catalepsy	-	-	-
Tail pinch	+	(+)	+
Escape loss	+	(+)	+

**Supplementary Figure S1.** Neurobehavioral parameters screened in Modified Irwin Neurological Test Battery.