

S1 Table. Results of different behavioral parameters during the exposition of *Jacob/Nsmf* ko and wt mice to TMT or DEP. Data are presented as mean \pm SEM, data analysis of individual mice from both genotypes was performed using multivariate analyses of variance (MANOVA's) with GENOTYPE and ODOR as the between-subject factors.

<i>Parameter</i>	<i>GENOTYPE x ODOUR</i>	<i>GENOTYPE</i>	<i>ODOUR</i>	<i>Up in</i>
Freezing [sec]	F(1,26)= 2.13, n.s.	F(1,26)= 2.59, n.s.	F(1,26)= 150.10, p<0.001	TMT
Sniffing [n]	F(1,26)= 0.08, n.s.	F(1,26)= 1.26, n.s.	F(1,26)= 1.68, p<0.001	DEP
Rearing [n]	F(1,26)= 0.13, n.s.	F(1,26)= 0.03, n.s.	F(1,26)= 23.40, p<0.001	DEP
Leaning [n]	F(1,26)= 0.27, n.s.	F(1,26)= 0.53, n.s.	F(1,26)= 14.58, p<0.01	DEP
Grooming [sec]	F(1,26)= 1.81, n.s.	F(1,26)= 3.92, n.s.	F(1,26)= 15.02, p<0.01	DEP
Jumping [n]	F(1,26)= 1.58, n.s.	F(1,26)= 0.29, n.s.	F(1,26)= 5.02, p<0.05	TMT
Rampage [sec]	F(1,26)= 1.76, n.s.	F(1,26)= 1.76, n.s.	F(1,26)= 1.76, n.s.	-
Scratching [sec]	F(1,26)= 1.07, n.s.	F(1,26)= 1.16, n.s.	F(1,26)= 15.21, p<0.01	DEP
Activity [sec]	F(1,26)= 0.14, n.s.	F(1,26)= 1.76, n.s.	F(1,26)= 21.25, p<0.001	DEP
Faeces [n]	F(1,26)= 2.56, n.s.	F(1,26)= 6.48, p<0.05	F(1,26)= 0.18, n.s.	-