

Table 2. Primers used in qPCR studies.

SYBR Green primers

Target	Forward primer (5'-3')	Reverse primer (5'-3')
<i>NT3</i>	CAGGGTGAAGGGGAAAAC	AGTTCGGTCATTCAGTCTCGC
<i>Bdnf</i>	GGGAAATCTCCTGAGCCGAG	AGCTTTCTCAACGCCTGTCA
<i>Ngf</i>	GGAGCGCATCGAGTGA	CCTCACTGCGGCCACTATAG
<i>TrkA</i>	CTCCTTCTCGCCAGTGGAC	TGCCCTCAGTAGGGGAAAGA
<i>TrkB</i>	CGTCACTTCGCCAGCCAGCAGTAG	CTATACGCCAGGCACCACTC
<i>β-Actin</i>	CAACGAGCGGTTCCGAT	GCCACAGGTTCCATACCCA

Table 3. Parameters measured in the Elevated Plus Maze (EPM) in male SAMR1 and SAMP8 mice at 12 months of age. (n): number of events. Results are expressed as a mean $\pm$ Standard error of the mean (SEM). *p<0.05; **p<0.01; ***p<0.001; ****p<0.0001.

	SAMR1	SAMP8
Locomotor activity (cm)	789,55 $\pm$ 44,21	892,42 $\pm$ 39,05
Rearings (n)	10,33 $\pm$ 0,79	1,92 $\pm$ 0,36 ****
Time in Zone (%) - Center	61,21 $\pm$ 5,05	36,89 $\pm$ 1,74 ***
Time in Zone (%) - Open Arms	3,11 $\pm$ 1,92	17,06 $\pm$ 2,86 ***
Time in Zone (%) - Closed Arms	32,69 $\pm$ 4,55	45,63 $\pm$ 2,52*

Table 4. Parameters measured in the Open Field Test (OFT) in male SAMR1 and SAMP8 mice at 12 months of age. (n): number of events. Results are expressed as a mean $\pm$ Standard error of the mean (SEM). *p<0.05; **p<0.01; ****p<0.0001.

	SAMR1	SAMP8
Locomotor activity (cm)	1476,18 $\pm$ 85,68	1870,07 $\pm$ 118,8 *
Rearings (n)	4,7 $\pm$ 1,08	31,17 $\pm$ 2,41 ****
Time in Zone (%) - Border	61,93 $\pm$ 5,42	79,63 $\pm$ 1,83 **