

Table 1 supplement: Expression ratio of 18S and cyclophilin genes in the mesencephalon, thalamus, corpus striatum and limbic forebrain of rat after MK-801 or saline injection, ranks of distance of each ratio from the median ratio was calculated for groups with 1-3 outliers. ^s- Outlier of 18S, ^c- Outlier of cyclophilin, NO –No Outliers, or 4-5 outliers in this group. ^b Amount of MK is in mg drug per kg body weight.

Brain part (# of group)	18S/cyc	Rank
Mesencephalon Saline (1)	1.3	3
	0.6	1
	1.5	4
	0.6	0
	<u>0.5^c</u>	<u>2</u>
Thalamus Saline (2)	1.4	1
	1.1	3
	1.4	2
	<u>0.9^c</u>	<u>4</u>
	1.4	0
Corpus striatum Saline (3)	1.2	NO
	2.2	NO
	2.9	NO
	2.1	NO
	1.4	NO
Limbic forebrain Saline (4)	0.6	NO
	0.6	NO
	0.3	NO
	0.4	NO
	0.5	NO
Mesencephalon MK 0.2 ^b (5)	0.5	1
	0.2	2
	1.3	3
	0.7	0
	<u>^s1.4^c</u>	<u>4</u>
Thalamus Saline MK 0.2 (6)	0.6	NO
	0.3	NO
	0.7	NO
	0.7	NO
	0.5	NO
Corpus striatum MK 0.2 (7)	<u>8.6^c</u>	NO
	<u>12.7^c</u>	NO
	4.5	NO
	<u>1.7^c</u>	NO
	<u>7.9^c</u>	NO
Limbic forebrain MK 0.2 (8)	<u>3.1^c</u>	NO
	<u>^s4.7^c</u>	NO
	<u>2.8^c</u>	NO
	1.3	NO

	<u>^s3.2</u>	NO
	2.8	4
Mesencephalon	1.8	0
MK 0.7 ^b (9)	2.1	2
	<u>1.2^c</u>	<u>3</u>
	1.7	1
	5.1	0
Thalamus	<u>12.2^c</u>	<u>4</u>
MK 0.7 (10)	4.7	1
	<u>1.6^c</u>	<u>2</u>
	<u>^s10.7</u>	<u>3</u>
	3	NO
Corpus striatum	6.7	NO
MK 0.7 (11)	<u>3.2</u>	NO
	2.5	NO
	2.6	NO
	1.7	NO
Limbic forebrain	<u>2.6^c</u>	NO
MK 0.7 (12)	<u>^s1.9</u>	NO
	<u>2.4^c</u>	NO
	<u>2.2^c</u>	NO