

**Table S1.** Synaptic and membrane properties of RS-cells in the subiculum before and after application of 5-HT<sub>4</sub> receptor ligands.

	<b>RS 67333 (10 <math>\mu</math>M)</b>		<b>RS 39604 (25 <math>\mu</math>M)</b>	
<b>EPSP (% of Baseline)</b>	109.7 $\pm$ 7.8 (n=6, p=0.31)		101.1 $\pm$ 5.6 (n=6, p=0.85)	
<b>Rise-time (ms)</b>	<b>Baseline</b> 3.4 $\pm$ 0.2 (n=5, p=0.50)	<b>Wash-in</b> 3.6 $\pm$ 0.2	<b>Baseline</b> 2.9 $\pm$ 0.2 (n=5, p=0.41)	<b>Wash-in</b> 2.7 $\pm$ 0.1
<b>Decay-time (ms)</b>	11.3 $\pm$ 0.9 (n=5, p=0.97)	11.3 $\pm$ 0.9	10.4 $\pm$ 0.5 (n=4, p=0.78)	10.6 $\pm$ 0.3
<b>RMP (mV)</b>	-73.5 $\pm$ 2.2 (n=6, p=0.77)	-73.8 $\pm$ 2.5	-73.0 $\pm$ 1.8 (n=4, p=0.26)	-70.9 $\pm$ 2.9
<b>R<sub>in</sub> (M<math>\Omega</math>)</b>	25.2 $\pm$ 2.6 (n=4, p=0.89)	25.8 $\pm$ 1.8	21.6 $\pm$ 0.3 (n=4, p=0.46)	23.2 $\pm$ 1.5

Data given as means  $\pm$  SEM.