

Table 1. The different types of interneurons tested for their kainate sensitivity

	Interneuron type	Depolarization with 250 nM KA	Depolarization with 1 $\mu$ M ATPA	Synaptically activated kainate receptors
S. oriens interneurons	Perisomatic projecting I. ( $n = 5$ )	3/3	n.a	1/2
	O-LM I. ( $n = 7$ )	3/4	1/1	2/3
	O-O I. ( $n = 3$ )	1/1	3/3	n.a
	Bistratified I. ( $n = 4$ )	1/1	2/2	1/1
	Unclassified I. ( $n = 8$ )	2/2	3/3	2/3
	Subtotal ( $n = 27$ )	10/11	9/9	6/9
S. radiatum and LM interneurons	Perisomatic projecting I. ( $n = 4$ )	2/2	n.a	2/2
	Schaffer associated I. ( $n = 13$ )	4/8	0/4	1/4
	Perforant path associated I. ( $n = 4$ )	4/4	n.a	n.a
	Unclassified I. ( $n = 36$ )	18/19	2/6	5/11
	Subtotal ( $n = 57$ )	28/33	2/10	8/17
	All interneurons ( $n = 84$ )	38/44	11/19	14/26