

SUPPLEMENTAL TABLE 2: Mean bursting rate (MBR) of single networks - Measurement unit: bursts/min

NEOCORTICAL NETWORKS

Internal code number of network	Concentration of guanidinoacetic acid (GAA)	Baseline	1 μ M	10 μ M	100 μ M
15345		4,74	3,44	2,97	0,57
18331		11,4	11,77	11,23	6,39
18332		7,54	6,59	6,85	3,8
19216		3,46	4,41	2,09	1,2
20551		2,06	1,86	1,73	0,4
20559		7,66	5,44	1,81	0,19
22643		1,83	1,03	0,55	0
20554		2,49	1,74	0,71	0

HIPPOCAMPAL NETWORKS

Internal code number of network	Concentration of guanidinoacetic acid (GAA)	Baseline	1 μ M	10 μ M	100 μ M
24250		8,05	5,89	0,29	0
20554		16,31	12,65	8,34	0,83
20512		26,11	38,88	31,96	10,25
18333		15,68	17,91	3,06	6,36
18332		10,01	9,76	9,88	5,67
18331		17,18	18,36	23,95	19,16
15345		25,15	15,1	2,4	0