

Table S4: List of network connections in reduced Layer 2/3 network

Presynaptic →	L23PyrRS	L23PyrFRB	SupAxAx	SupBasket	SupLTSInter
L23PyrRS	26g, 900e	8g, 100e	400i	400i	1200i
L23PyrFRB	1g, 270e	1g, 30e	120i	120i	360i
SupAxAx	900e	100e	20g	200i	200i
SupBasket	900e	100e		20g, 200i	200i
SupLTSInter	900e	100e		200i	20g, 200i

Total numbers of synaptic connections between pre and post synaptic populations. Excitatory connections are suffixed by **e**, inhibitory connections by **i**, electrical synaptic connections at gap junctions by **g**.