

**Supplementary Table 3.** Nanoscale subcellular localization of Zika virus antigens labeled with immunogold in both layers of the dorsal hippocampus CA1 of mice not treated or treated with PLX5622.

Parameters		Number of nanogold particles						
		Parenchymal cells				Vascular cells		
		Neuron	Astro	Oligo	Microglia	EC	Pericyte	Other
<b>Not treated with PLX5622</b>								
<i>st rad</i>	Cytoplasm	1	2	0	0	0	0	1
	Endosome	2	0	0	3	0	0	2
	Endoplasmic reticulum	1	1	0	0	0	0	0
	Golgi	0	0	0	0	0	0	0
	Plasma membrane	0	1	0	2	0	0	1
	Mitochondrial membrane	0	0	0	0	0	0	0
	Nuclear membrane	1	2	0	0	0	0	1
	Nucleus	0	1	0	0	0	0	0
	<b>Total</b>	<b>5</b>	<b>7</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>0</b>	<b>5</b>
<i>st lac mol</i>	Cytoplasm	3	1	0	0	0	2	5
	Endosome	0	7	0	6	1	2	1
	Endoplasmic reticulum	1	4	0	0	0	3	3
	Golgi	0	0	0	0	0	1	0
	Plasma membrane	1	0	0	0	1	2	0
	Mitochondrial membrane	0	0	0	0	0	0	0
	Nuclear membrane	2	0	0	0	1	2	4
	Nucleus	0	6	0	0	0	2	0
	<b>Total</b>	<b>7</b>	<b>18</b>	<b>0</b>	<b>6</b>	<b>3</b>	<b>14</b>	<b>13</b>
<b>Treated with PLX5622</b>								
<i>st rad</i>	Cytoplasm	9	3	0	0	0	0	0
	Endosome	17	10	0	0	0	1	0
	Endoplasmic reticulum	5	1	1	2	0	0	0
	Golgi	0	0	0	0	0	0	0
	Plasma membrane	0	0	0	0	0	0	0
	Mitochondrial membrane	0	0	0	0	0	0	0
	Nuclear membrane	2	1	5	0	0	1	0
	Nucleus	0	0	0	0	0	0	0
	<b>Total</b>	<b>33</b>	<b>15</b>	<b>6</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>
<i>st lac mol</i>	Cytoplasm	9	40	0	0	0	0	0
	Endosome	5	31	0	0	2	0	5
	Endoplasmic reticulum	0	9	0	0	0	0	0
	Golgi	0	0	0	0	0	0	0
	Plasma membrane	1	3	0	0	0	0	0
	Mitochondrial membrane	0	0	0	0	0	0	0

	Nuclear membrane	2	13	0	0	0	0	1
	Nucleus	0	1	0	0	0	0	0
	<b>Total</b>	<b>17</b>	<b>97</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>6</b>

Astro, astrocyte; EC, endothelial cell; Oligo, oligodendrocyte; *st rad*, *stratum radiatum*; *st lac mol*, *stratum lacunosum-moleculare*. The subcellular localization of nanogold particles was determined in the different cells reported in the Table 5 of the manuscript.