

Supplementary table 7. Total cells count, mean soma area (μm^2), and sholl analysis of IBA1+ cells in rat SNpc and striatum at three months post-LPS injection

	Animal	Snpc		striatum	
		IBA1+ count	Soma Area (μm^2)	IBA1+ count	Soma Area (μm^2)
SAL <i>Snca</i>+/+	1	9537,62	23,53933	107288,1	59,7
	2	11784,47	23,22533	130713,5	40,514
	3	8043,54	27,45733	110000	45
	4	9140,81	25,24667	a	a
LPS <i>Snca</i>+/+	1	14402,14	25,458	110828	43,103
	2	10176,74	26,83857	116967,4	40,589
	3	12658,19	25,05867	125323	33,702
	4	9066,44	26,86133	100062,9	42,077

a missing animal due to technical problems

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SNpc	Animal	Radial distance from soma (μm)							
		10	20	30	40	50	60	70	
Number of intersections	SAL <i>Snca</i> ^{+/+}	1	0,000	8,600	10,267	4,867	1,600	0,067	0,000
		2	0,000	9,667	9,067	3,600	0,733	0,000	0,000
		3	0,000	9,067	7,800	2,533	0,200	0,000	0,000
		4	0,000	7,857	9,786	4,071	1,071	0,071	0,000
	LPS <i>Snca</i> ^{+/+}	1	0,000	7,538	8,923	4,231	0,923	0,000	0,000
		2	0,000	8,846	7,077	2,923	0,308	0,000	0,000
		3	0,000	6,733	5,200	1,600	0,667	0,000	0,000
		4	0,000	6,600	4,467	1,333	0,133	0,000	0,000
Dendritic length (μm)	SAL <i>Snca</i> ^{+/+}	1	0,000	56,081	161,400	113,499	49,452	6,993	0,059
		2	0,000	63,242	171,540	106,232	31,860	4,490	0,000
		3	0,000	45,070	136,900	72,430	12,560	2,440	0,000
		4	0,000	49,254	151,904	111,408	34,109	6,081	0,088
	LPS <i>Snca</i> ^{+/+}	1	0,000	49,128	163,297	92,867	27,183	3,416	0,000
		2	0,000	50,340	124,432	71,516	15,137	0,689	0,000
		3	0,000	37,113	109,197	51,952	11,589	3,789	0,000
		4	0,000	38,532	83,900	34,410	8,479	0,095	0,000
Number of endings	SAL <i>Snca</i> ^{+/+}	1	0,000	1,333	12,533	13,600	6,667	1,733	0,067
		2	0,000	3,200	19,067	15,000	5,267	1,133	0,000
		3	0,000	2,200	15,800	10,470	3,000	0,270	0,000
		4	0,000	2,500	14,571	14,500	6,385	2,500	1,000
	LPS <i>Snca</i> ^{+/+}	1	0,000	2,200	14,667	12,200	4,267	0,933	0,000
		2	0,000	1,615	12,154	9,154	3,231	0,308	0,000
		3	0,000	1,400	9,933	6,667	1,667	0,667	0,000
		4	0,000	1,267	9,000	6,467	2,000	0,133	0,000
Number of nodes	SAL <i>Snca</i> ^{+/+}	1	0,000	3,400	13,467	7,600	3,667	0,333	0,000
		2	0,000	6,400	15,867	9,933	2,467	0,467	0,000
		3	0,000	4,330	13,600	6,000	1,130	0,200	0,000
		4	0,000	4,929	15,143	8,929	2,929	0,714	0,000
	LPS <i>Snca</i> ^{+/+}	1	0,000	3,267	14,333	7,267	1,733	0,133	0,000
		2	0,000	3,308	11,000	5,846	0,769	0,000	0,000
		3	0,200	3,000	8,000	3,333	0,533	0,067	0,000
		4	0,000	2,267	7,200	3,333	0,933	0,000	0,000

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striatum		Animal	Radial distance from soma (μm)						
			10	20	30	40	50	60	70
Number of intersections	SAL <i>Snca</i> ^{+/+}	1	0,000	12,111	16,444	8,000	1,778	0,222	0,000
		2	0,000	12,900	15,700	5,300	1,000	0,200	0,000
		3	0,000	12,111	16,444	8,000	1,778	0,222	0,000
	LPS <i>Snca</i> ^{+/+}	1	0,000	13,200	13,500	3,800	0,600	0,000	0,000
		2	0,000	12,800	15,700	5,400	1,500	0,000	0,000
		3	0,000	12,900	12,100	4,300	0,100	0,000	0,000
		4	0,000	12,100	11,400	3,000	0,300	0,000	0,000
	Dendritic length (μm)	SAL <i>Snca</i> ^{+/+}	1	0,000	73,560	254,759	211,718	62,674	7,117
2			0,000	71,409	258,905	147,240	37,733	4,027	2,007
3			0,000	73,560	256,759	211,718	62,674	7,117	0,862
LPS <i>Snca</i> ^{+/+}		1	0,000	75,095	232,327	126,467	27,032	1,848	0,000
		2	0,000	83,685	233,772	162,833	38,422	5,759	0,000
		3	0,000	76,009	215,210	119,699	22,856	0,069	0,000
		4	0,000	62,503	178,727	89,523	19,455	0,050	0,000
Number of endings		SAL <i>Snca</i> ^{+/+}	1	0,000	4,889	28,333	28,222	12,222	1,667
	2		0,000	2,400	22,400	22,200	7,000	1,000	0,300
	3		0,000	4,889	28,333	28,222	12,222	1,667	0,222
	LPS <i>Snca</i> ^{+/+}	1	0,000	3,100	24,100	21,400	5,000	0,600	0,000
		2	0,000	3,800	24,300	23,900	7,100	1,600	0,000
		3	0,000	2,500	22,000	18,700	5,500	0,100	0,000
		4	0,000	1,600	19,200	15,400	3,900	0,100	0,000
	Number of nodes	SAL <i>Snca</i> ^{+/+}	1	0,000	9,111	29,889	20,556	5,556	0,667
2			0,000	8,100	24,800	12,200	3,000	0,300	0,000
3			0,000	9,111	29,889	20,556	5,556	0,667	0,000
LPS <i>Snca</i> ^{+/+}		1	0,000	8,500	23,400	12,000	2,400	0,000	0,000
		2	0,000	8,300	24,200	14,100	3,300	0,300	0,000
		3	0,000	7,800	20,500	10,500	1,900	0,000	0,000
		4	0,000	7,400	17,500	7,000	1,200	0,000	0,000