

Figure 7-figure supplement 3

Figure 7-figure supplement 3B

Somatic Density N/ μm^2							
NEG/veh(TrkBfc)/veh(4AP)	NEG/veh(TrkBfc)/4AP	ODN/veh(TrkBfc)/4AP	NEG/TrkBfc/4AP	ODN/TrkBfc/4AP	4AP/NEG/BDNF	4AP/ODN/BDNF	
0.0383	0.0589	0.0385	0.0699	0.0865	0.0661	0.0603	
0.0289	0.0723	0.0462	0.0360	0.0419	0.0512	0.0804	
0.0547	0.0616	0.0496	0.0433	0.0302	0.0696	0.0442	
0.0474	0.0671	0.0386	0.0394	0.0281	0.1066	0.0870	
0.0627	0.0497	0.0310	0.0330	0.0368	0.0551	0.0777	
0.0402	0.0524	0.0289	0.0358	0.0265	0.0828	0.0933	
0.0428	0.0702	0.0456	0.0516	0.0516	0.0822	0.1054	
0.0483	0.0635	0.0395	0.0408	0.0418	0.0591	0.0716	
0.0536	0.0670	0.0495	0.0516	0.0467	0.0629	0.0741	
0.0537	0.0492	0.0524	0.0637	0.0418	0.0803	0.0721	
0.0337	0.0535	0.0530	0.0725	0.0628	0.1109	0.0858	
0.0481	0.0521	0.0489	0.0431	0.0393	0.0638	0.0650	
0.0552	0.0684	0.0402	0.0526	0.0482	0.0737	0.0760	
0.0593	0.1175	0.0357	0.0470	0.0482	0.0695	0.0794	
0.0446	0.0947	0.0381	0.0404	0.0454	0.0634	0.0522	
0.0764	0.1001	0.0750	0.0412	0.0359	0.0661	0.0781	
0.0607	0.1126	0.0782	0.0414	0.0496	0.0698	0.0608	
0.0627	0.0910	0.0486	0.0409	0.0423	0.0577	0.0913	
0.0559	0.0873	0.0387	0.0222	0.0633	0.0810	0.0802	
0.0673	0.0804	0.0373	0.0497	0.0601	0.0657	0.0491	
0.0261	0.0820	0.0340	0.0432	0.0410	0.0617	0.0737	
0.0336	0.0686	0.0411	0.0575	0.0516	0.0981	0.0863	
0.0475	0.0965	0.0563	0.0768	0.0270	0.0700	0.0870	
0.0788	0.0971	0.0418	0.0658	0.0374	0.0989	0.0691	
0.0740	0.0864	0.0521	0.0290	0.0306	0.0644	0.0748	
0.0713	0.0811	0.0320	0.0258	0.0276	0.0468	0.0955	
0.0625	0.0436	0.0435	0.0557	0.0662	0.0751	0.0807	
0.0417	0.0790	0.0511	0.0660	0.0501	0.0720	0.0545	
0.0443	0.0716	0.0510	0.0661	0.0511	0.0682	0.1027	
0.0587	0.1079	0.0514	0.0571	0.0542	0.0566	0.0629	
		0.0672	0.0496	0.0380			
		0.0348					
		0.0281					
		0.0387					
		0.0262					
N	30	30	35	31	31	30	30
Media	0.0524	0.0761	0.0446	0.0487	0.0452	0.0717	0.0757
SD	0.0138	0.0199	0.0120	0.0139	0.0134	0.0155	0.0151
SE	0.0025	0.0036	0.0020	0.0025	0.0024	0.0028	0.0028

Figure 7-figure supplement 3

Figure7-fig suppl 3B				
Two-way ANOVA				
Ordinary				
Alpha	0.05			
Source of Variation	% of total variatio	P value	P value summe Significant?	
Interaction	12.79	<0.0001	****	Yes
Row Factor	11.78	<0.0001	****	Yes
Column Factor	19.87	<0.0001	****	Yes
ANOVA table	SS (Type III)	DF	MS	F (DFn, DFd) P value
Interaction	0.006206	1	0.006206	F (1, 123) = ; P<0.0001
Row Factor	0.005713	1	0.005713	F (1, 123) = ; P<0.0001
Column Factor	0.009638	1	0.009638	F (1, 123) = ; P<0.0001
Residual	0.02759	123	0.0002243	
two-way ANOVA/Tukey's tests				
	Significant	Summary	Adjusted P Value	
veh(TrkBfc):NEG 4AP vs. veh(TrkBfc):ODN 4AP	Yes	****	<0.0001	
veh(TrkBfc):NEG 4AP vs. TrkBfc:NEG 4AP	Yes	****	<0.0001	
veh(TrkBfc):NEG 4AP vs. TrkBfc:ODN 4AP	Yes	****	<0.0001	
veh(TrkBfc):ODN 4AP vs. TrkBfc:NEG 4AP	No	ns	0.698	
veh(TrkBfc):ODN 4AP vs. TrkBfc:ODN 4AP	No	ns	0.9987	
TrkBfc:NEG 4AP vs. TrkBfc:ODN 4AP	No	ns	0.8015	

Figure7-fig suppl 3B				
Two-way ANOVA				
Ordinary				
Alpha	0.05			
Source of Variation	% of total variatio	P value	P value summe Significant?	
Interaction	18.57	<0.0001	****	Yes
Row Factor	10.41	<0.0001	****	Yes
Column Factor	11.05	<0.0001	****	Yes
ANOVA table	SS (Type III)	DF	MS	F (DFn, DFd) P value
Interaction	0.009814	1	0.009814	F (1, 121) = ; P<0.0001
Row Factor	0.005499	1	0.005499	F (1, 121) = ; P<0.0001
Column Factor	0.005837	1	0.005837	F (1, 121) = ; P<0.0001
Residual	0.03004	121	0.0002483	
two-way ANOVA/Tukey's tests				
	Significant	Summary	Adjusted P Value	
veh(TrkBfc):NEG 4AP vs. veh(TrkBfc):ODN 4AP	Yes	****	<0.0001	
veh(TrkBfc):NEG 4AP vs. BDNF:NEG 4AP	No	ns	0.6915	
veh(TrkBfc):NEG 4AP vs. BDNF:ODN 4AP	No	ns	0.9996	
veh(TrkBfc):ODN 4AP vs. BDNF:NEG 4AP	Yes	****	<0.0001	
veh(TrkBfc):ODN 4AP vs. BDNF:ODN 4AP	Yes	****	<0.0001	
BDNF:NEG 4AP vs. BDNF:ODN 4AP	No	ns	0.7504	