

Progranulin levels in plasma and CSF in granulin mutation carriers

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Supplementary Material – Supplementary Table 1

Supplementary Table 1. PGRN levels by SNP genotype						
SNP (minor allele)		genotype			β^a	p -value ^a
rs5848 (A), <i>GRN</i>		GG	GA	AA		
Plasma	Entire group	9.5 (5.2-34.0)	11.3 (5.7-39.2)	21.6 (6.5-25.0)	-.050	0.25
	<i>n</i> =	24	37	3		
	Carriers	8.6 (5.2-9.8)	7.6 (5.7-11.3)	6.5 ^b	-.399	0.04
	<i>n</i> =	15	19	1		
	Controls	28.5 (25.0-34.0)	28.8 (21.5-39.2)	23.3 (21.6-25.0)	-.078	0.72
<i>n</i> =	9	18	1			
CSF	Entire group	0.36 (0.22-1.25)	0.39 (0.15-0.84)	0.56 (0.33-0.78)	-.165	0.06
	<i>n</i> =	12	21	2		
	Carriers	0.26 (0.22-0.44)	0.29 (0.15-0.46)	0.33 ^b	.024	0.91
	<i>n</i> =	9	13	1		
	Controls	1.13 (0.77-0.13)	0.73 (0.60-0.84)	0.78 ^b	-.794	0.03
<i>n</i> =	3	8	1			
rs646776 (G), near <i>SORT1</i>		AA	AG	GG		
Plasma	Entire group	11.0 (5.7-39.2)	8.1 (6.4-33.7)	5.2 ^b	-.051	0.19
	<i>n</i> =	53	10	1		
	Carriers	8.2 (5.7-11.3)	7.3 (6.4-8.4)	5.2 ^b	-.423	0.01
	<i>n</i> =	28	6	1		
	Controls	28.6 (21.5-39.2)	26.3 (22.2-33.7)	-	-.098	0.61
<i>n</i> =	25	4	0			
CSF	Entire group	0.39 (0.15-1.25)	0.31 (0.26-1.13)	-	.100	0.25
	<i>n</i> =	31	4	0		
	Carriers	0.30 (0.15-0.46)	0.28 (0.26-0.33)	-	-.048	0.83
	<i>n</i> =	20	3	0		
	Controls	0.76 (0.60-1.25)	1.13 ^b	-	.562	0.10
<i>n</i> =	11	1	0			
rs1990622 (C), near <i>TMEM106B</i>		TT	TC	CC		
Plasma	Entire group	9.6 (6.5-39.2)	15.5 (5.2-36.9)	24.2 (6.5-31.6)	-.095	0.02
	<i>n</i> =	21	34	7		
	Carriers ^c	8.4 (6.5-11.3)	7.4 (5.2-9.5)	8.4 (6.5-8.9)	-.347	0.06
	<i>n</i> =	14	17	3		
	Controls ^c	32.0 (25.4-39.2)	28.4 (21.5-36.9)	25.6 (24.2-31.6)	-.337	0.08
<i>n</i> =	7	17	4			
CSF	Entire group	0.33 (0.20-0.76)	0.40 (0.15-1.25)	0.25 (0.22-0.84)	.065	0.47
	<i>n</i> =	13	19	3		
	Carriers	0.29 (0.20-0.46)	0.34 (0.15-0.44)	0.23 (0.22-0.25)	-.106	0.66
	<i>n</i> =	10	11	2		
	Controls	0.64 (0.60-0.76)	0.77 (0.62-1.25)	0.84 ^b	.367	0.32
<i>n</i> =	3	8	1			
Comparisons of median (range) PGRN levels (plasma and CSF in ng/ml) within genotype of rs5848, rs646776 and rs1990622. ^a Multivariate regression with correction for age and gender; ^b n=1, therefore no range is displayed; ^c genotyping for rs1990622 failed in one presymptomatic carrier and one control.						