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Supplementary Data

Plasma Gelsolin is Decreased and Correlates with Rate of Decline in Alzheimer's Disease

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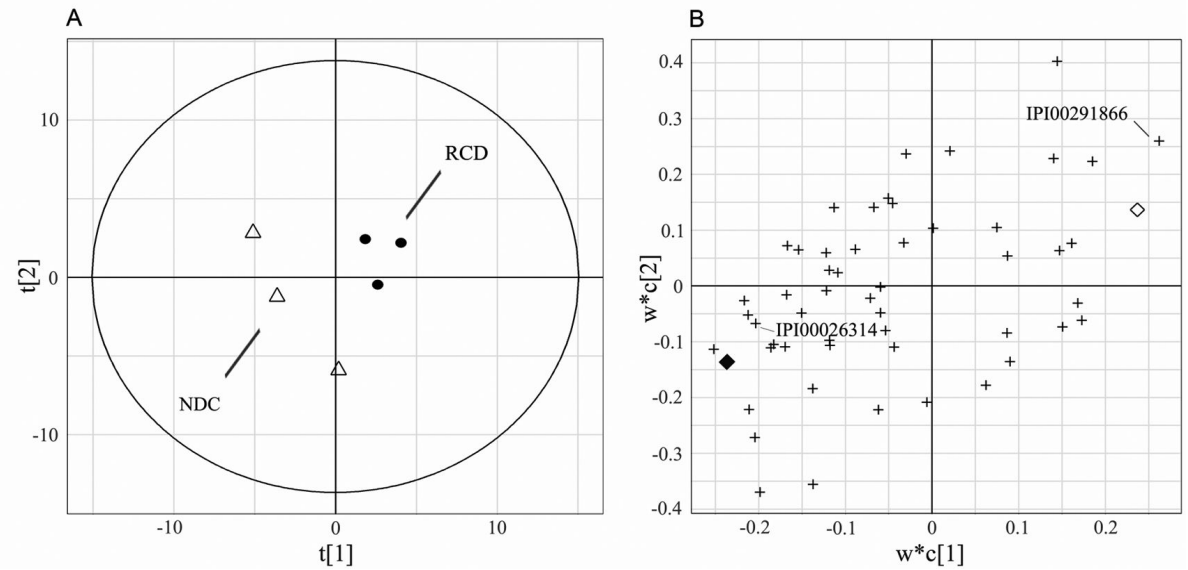
Supplementary Table 1
Analysis of gelsolin in brain homogenates from STG, HIP, and CER regions

			n	Mean	SD[1]
STG	gelsolin	control	6	0.60	0.21
		AD	17	0.55	0.12
	gelsolin-CTF	control	6	0.55	0.64
		AD	17	0.47	0.47
HIP	gelsolin	control	6	0.27	0.10
		AD	17	0.30	0.08
	gelsolin-CTF	control	6	0.40	0.20
		AD	17	0.24	0.15
CER	gelsolin	control	6	0.34	0.04
		AD	17	0.38	0.09
	gelsolin-CTF	control	6	0.45	0.27
		AD	17	0.44	0.29

[1]SD, standard deviation.



Supplementary Figure 1. Summary of PLS-DA models containing NDC and RCD datasets. A) PLS-DA scores plot showing separation of NDC and RCD. B) PLS weights showing the relationship of the quantitative protein measurements to the separation of the groups in A. Diamonds correspond to dummy Y-variables representing NDC (♦) and RCD (◇). Proteins with weights extending from the origin in the direction of the dummy variables are considered more important for separation of the groups. The proteins labeled on the plots, i.e. gelsolin (IPI00026314) and plasma protease C1-inhibitor (IPI00291866), were carried forward for validation by western blotting.