Supplementary Information of

Neurodegeneration and Cancer: Where the Disorder Prevails

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CDS diseases (abundance and structural disorder)
AD_DOWN (positive) vs AD_UP (negative)
http://www.tartaglialab.com/boxplotter/view/629/a6f02b1232/

PD_DOWN (pos) vs PD_UP (neg)
http://www.tartaglialab.com/boxplotter/view/631/c68cb71821/

SCZ_DOWN (pos) vs. SCZ_UP (neg)
http://www.tartaglialab.com/boxplotter/view/636/23064d250f/

Cancers (abundance and nucleic-acid binding propensity)
CRC_DOWN (pos) vs. CRC_UP (neg)
http://www.tartaglialab.com/boxplotter/view/643/8e2fd086a3/

LC_DOWN (pos) vs. LC_UP (neg)
http://www.tartaglialab.com/boxplotter/view/644/c70a66dc46/

PC_DOWN (pos) vs. PC_UP (neg)
http://www.tartaglialab.com/boxplotter/view/639/0f2a9ac422/

Table S1. *Protein abundance analysis.* We provide links to the statistical analysis of genes sets performed with *boxplotter* (http://www.tartaglialab.com/boxplotter/submit)

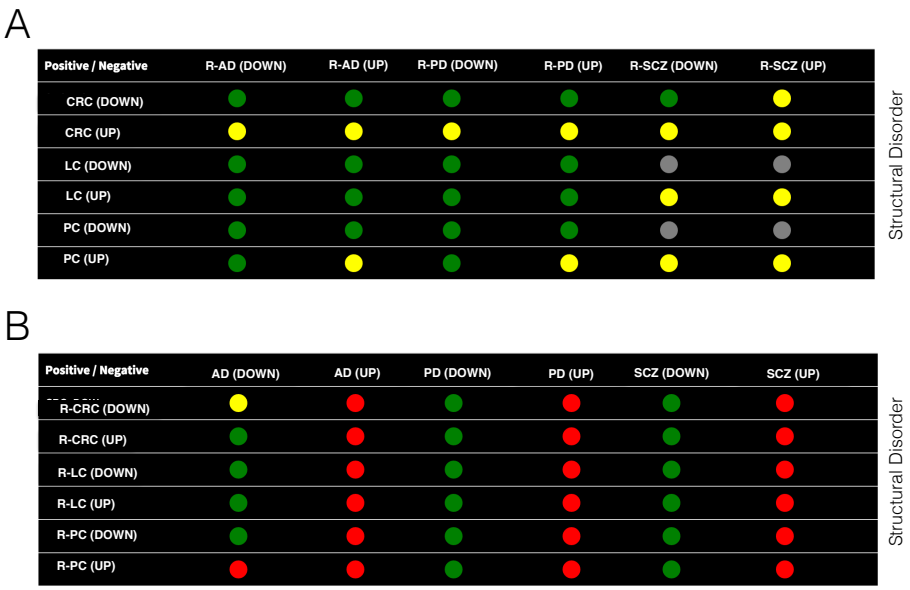

Figure S1. *Enrichments in structural disorder propensities.* We used random sets of genes to measure the signal strength of structural disordered propensities for A) Cancers B) CNS diseases.

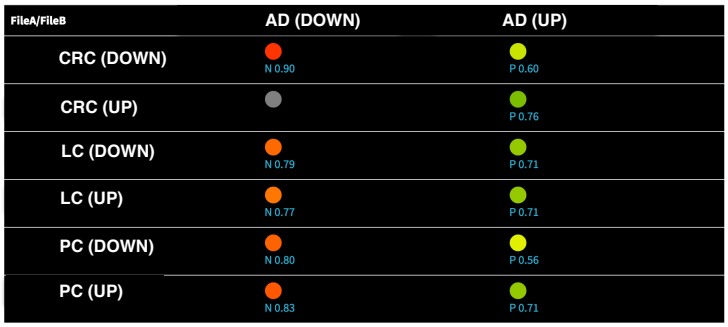

Figure S2. *Classification of proteins binding to amyloid fibrils.* Proteins interacting with amyloid fibrils are physico-chemically similar to those overexpressed in Alzheimer's disease, in agreement with experimental findings.