

**Additional File 1.** Relative experimental aggregation propensities of the 20 natural amino acids derived from the analysis of the intracellular aggregation of mutants in the central position of the Central Hydrophobic Cluster in Amyloid- $\beta$ -protein.

<b>Amino acid</b>	<b>Aggregation propensities</b>
I	1.822
F	1.754
V	1.594
L	1.38
Y	1.159
W	1.037
M	0.91
C	0.604
A	-0.036
T	-0.159
S	-0.294
P	-0.334
G	-0.535
K	-0.931
H	-1.033
Q	-1.231
R	-1.24
N	-1.302
E	-1.412
D	-1.836