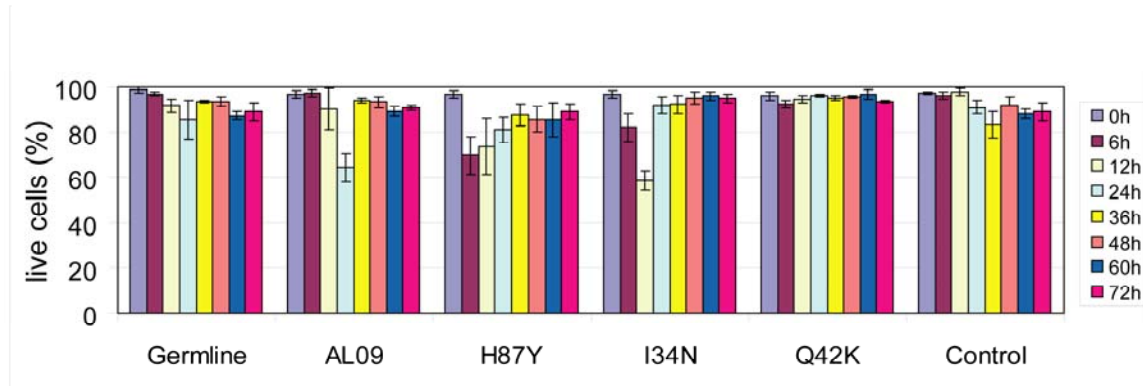


Supplementary information

“Role of mutations in the cellular internalization of amyloidogenic light chains into cardiomyocytes”

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Scientific Reports



Supplementary Fig. S1. Cell viability in the presence of the different proteins over the course of 72 hours followed by Trypan Blue staining. 1 μ M protein in PBS was added to cells. Error bars are standard deviation from average of three different replicates within protein samples at time point.

Supplementary Table S1. Quantification of the number of cells that internalized protein through the course of the experiment. Cells were counted from the experiments represented in figures 2, 5, and 6.

Protein	Total number of cells (24 h)	Number of cells with internalized protein (AVG±STD %)
OG-κI O18/O8	186	138 (78.1±28.6 %)
OG-AL-09	84	65 (80.7±19.4 %)
OG-H87Y	147	98 (69.7±26.4 %)
OG-I34N	171	132 (79.3±10.8 %)
OG-Q42K	129	74 (53.5±28.9 %)
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Protein	Total number of cells (48 h)	Number of cells with internalized protein (AVG±STD %)
OG-κI O18/O8	174	109 (61±21.9 %)
OG-AL-09	144	136 (94.9±3.3 %)
OG-H87Y	94	61 (63.9±16.5 %)
OG-I34N	74	41 (54.08±23.7 %)
OG-Q42K	102	83 (80.1%±12.3 %)
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Protein	Total number of cells (72 h)	Number of cells with internalized protein (AVG±STD %)
OG-κI O18/O8	133	89 (68.3±13.6 %)
OG-AL-09	173	162 (93.8±5.0 %)
OG-H87Y	165	136 (81.1±17.7 %)
OG-I34N	120	98 (81.4±18.7 %)
OG-Q42K	159	141 (87.8±9.8 %)