

Supplementary Table 2. Primer sequences for Cry2-mCherry-FUS (1-215) subcloning (**XhoI** and **KpnI**) and primers for mutants generated by QC mutagenesis PCR.

Cry2-mCherry-FUS_{WT}	FW: ATCA CTCGAG CTATGGCCTCAAACGATTATACC RV: ATCAG GGTACCT CATTAACCTCCACGGTCCTGCTGTC
Cry2-mCherry-FUS_{G156E}	FW: TCAGGGCTAT GAG CAGCAGAACCAGTACAACAGC RV: GGTTCTGCTG CTC ATAGCCCTGAGGGGGATTATAG
Cry2-mCherry-FUS_{ΔFUS11}	FW: CAGCAGAGTTACTCCTATCCTGGCTATGGCCAG RV: GCCAGGATAGGAGTAACTCTGCTGTCCGTAGG