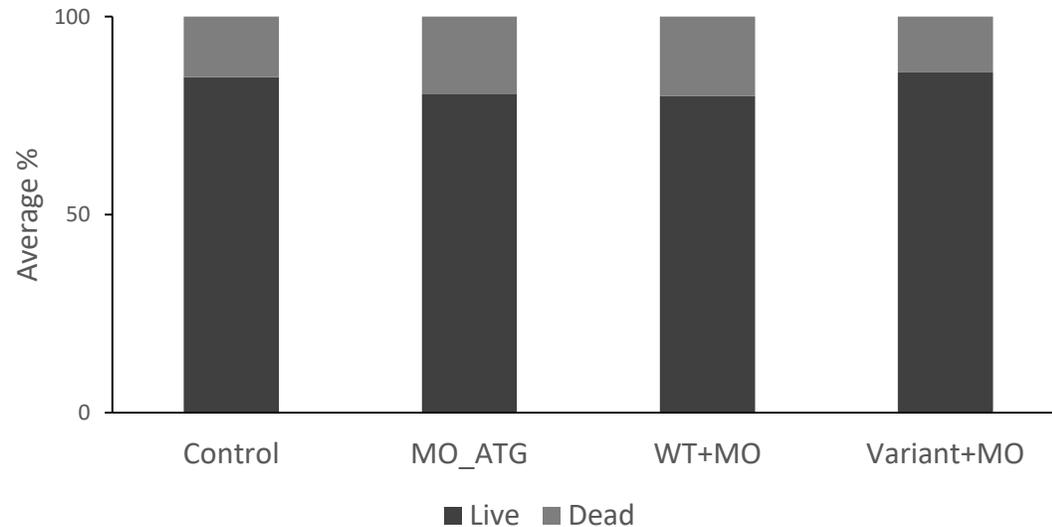


Figure S1. Effect on zebrafish survival and hatching rates after Human mRNA *MYO6* co-injections with morpholino targeting zebrafish *myo6a* ATG translation blocking site:

A. Injection of MO_ATG, Human *MYO6*^{WT} and *MYO6*^{p.E60Q} variant had no effect on zebrafish survival rate at 24 hours post fertilization (hpf), p-value < 0.54. **B.** Injection of MO_ATG, *MYO6*^{WT} and *MYO6*^{p.E60Q} variant had negative effect on hatching rate at 72 hpf, p-value < 0.00001. Total number of experiments= 4, Number of embryos injected were ~50-100 embryos for each examined group. Statistical analysis performed using Chi-square comparison.

A. Survival rate at 24 hpf



B. Hatching rate at 72 hpf

