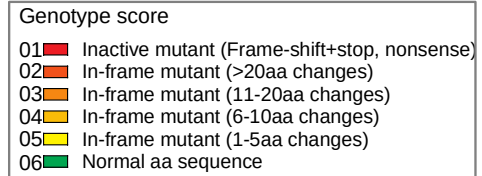
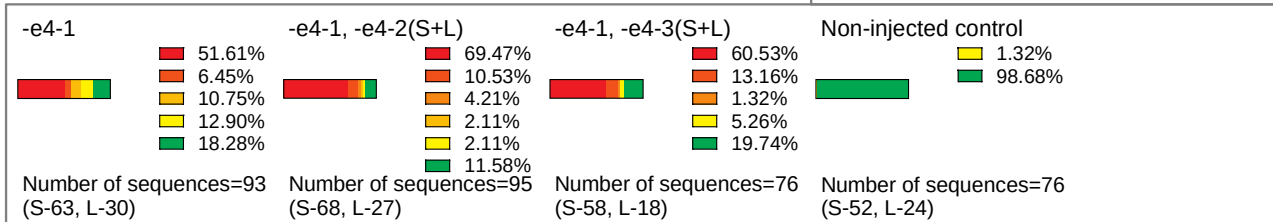


S13.

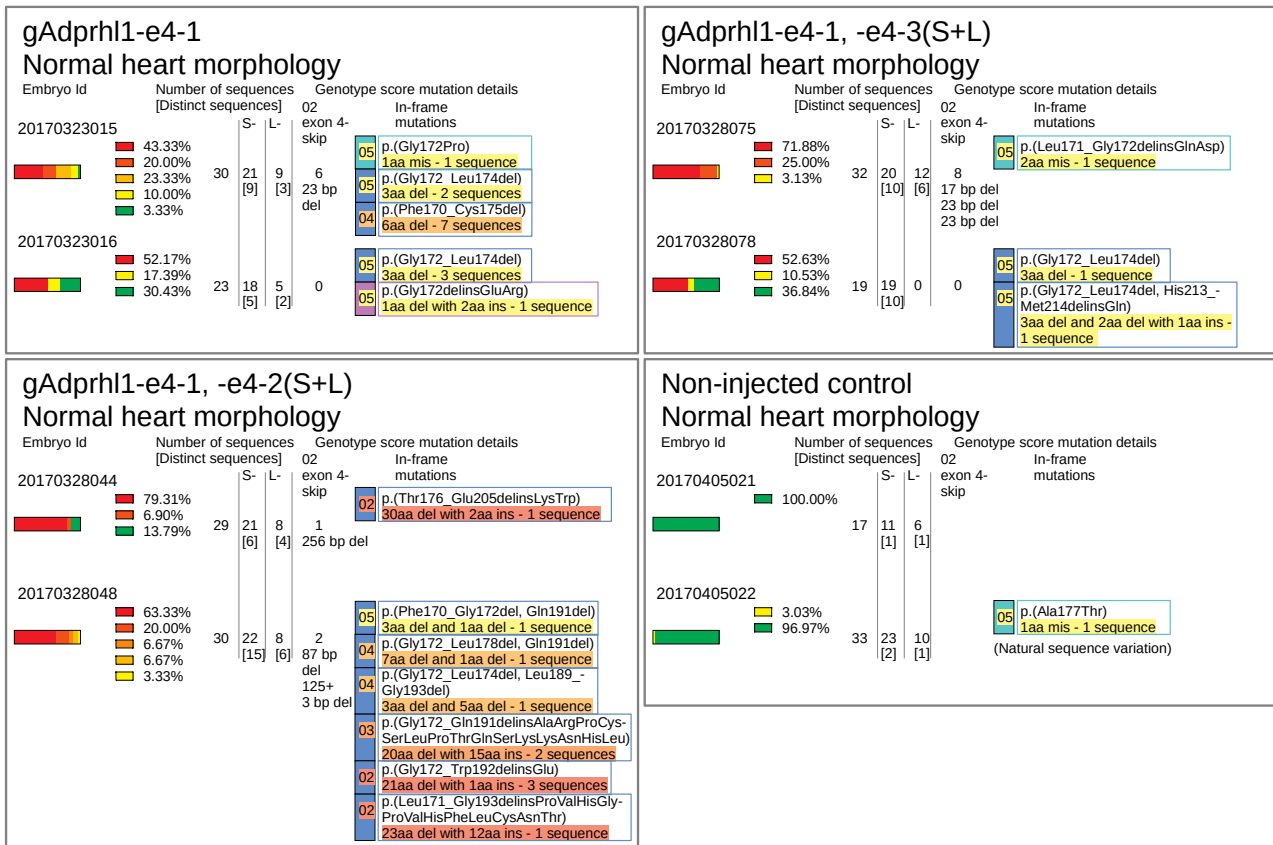
Exon 4 classification of mutated *adprh1* sequences - Incomplete mutation rarely causes heart defects



A All sequences grouped by gRNA injection



B Sequences and mutation details of individual embryos



C Exon 4 amino acid changes in α -helices not associated with the active site

