**Supplementary tables**

* **Supplementary Table 1: Comprehensive summary of mutation and cardiac data**
* **Supplementary Table 2: Comprehensive summary of clinical features**
* **Supplementary Table 3: Comparison of clinical features in cases with one “metatranscript-only” mutation with features seen in overall cohort**

(note: features of four segregation-inconclusive cases are also compared to clinical analysis cohort members)