**Supplemental Videos**

**Supp. Videos S1-8. QGP *DSP* and *LMNA* human variant in zebrafish model.**

**Supp. Videos S9-12. QGP *DSP*, Dorsal Aorta blood flow pattern in zebrafish model.**

**Supp. Videos S13-16. QGP *LMNA* human variant displayed variable cardiac phenotypes in the zebrafish 3D cardiac models.**

Link of Supplemental Videos: <https://utshbku.egnyte.com/fl/HB8PaKuvcX>