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SUPPLEMENTARY MATERIAL

corresponding to:

Loss of plakophilin 2 disrupts heart development in zebrafish

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SUPPLEMENTARY TABLE 1

qRT-PCR PRIMER SEQUENCES

EF1 f	5'- GTG GTA TCA CCA TTG ACA TTG C-3'
EF1 r	5'- TCA GCC TGA GAA GTA CCA GTG A-3'
bmp4 f	5'- GCG AGC GAA ACG CAG CCC TA-3'
bmp4 r	5'-ATC CAG GCG GCG CCA CAA TC-3'
Lefty1 f	5'-TGG ATC ATC GAG CCG TCC GGT -3'
Lefty1 r	5'- CGG CAG CCG CCT TTA CAC CT -3'
Lefty2 f	5'- CGG AGG CAC CAC AGG CCG AT -3'
Lefty2 r	5'- GGC CTG GGT CAC GTC GAA GC -3'
Spaw f	5'- AGA CCG GGT CAC GGC ACC A -3'
Spaw r	5'- CGC TTC CAC TTC CAC TGC CCT G -3'
oep f	5'- TCG AGT CAG GAT GTG AGG GGT CA -3'
oep r	5'- TTG ACG TTG CCG CGT TTG CG -3'
Pitx2c f	5'- CGC CGC TTT CGA TGG CCT CT -3'
Pitx2c r	5'- TCT TTC TCT ACG GAC TCT GGA CTG G -3'

Supplementary Videos can be downloaded at: <http://dx.doi.org/10.1387/ijdb.113390mm>

Supplementary Video 1: *A normal control heart.*

Supplementary Video 2: *A mildly affected morphant heart.*

Supplementary Video 3: *An intermediately affected morphant heart.*

Supplementary Video 4: *A severely affected morphant heart.*