

**A**

**Pcgf1<sup>wt</sup>**

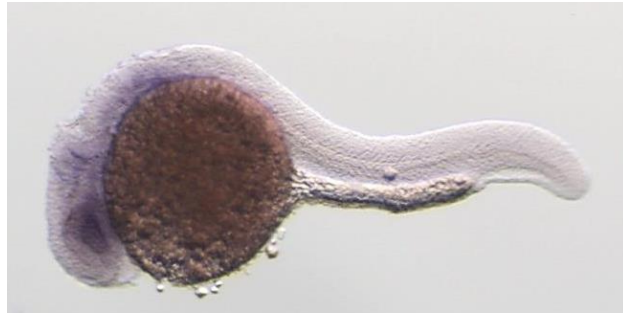
MAEQGPMAIAMRLRNQLQNVIKLDPLRNEEEVKIKIKDLNEHIV  
CYLCAGYFIDATTITECLHTFCKSCIVKYLQTSKYCPMCNIIKH  
ETQPLLNKLDIVYKLVPGLOESEDKRIKEFYQSRGLER  
IIQPSGEESVPDNTGLPYTSFDHSAHFYRYDEQVSLCLERQSS  
SFSGKDKNKLTLLQKFVRCVRAEVRHLRQVLCVRLNVEKHQVQ  
MLFNNEESLPDHMTMKRLWLSHWFGKAQPLVLHYTIKDKRTR\*

**Pcgf1<sup>mut</sup>**

MAEQGPMAIAMRLRNQLQNVIKLDPLRNEEEVKIKIKDLNEHIV  
CYLCAGY↓NHHHRMSPYVLQELHCEVSPDQQVLSNV\*

**B**

**pcgf1<sup>(+/+)</sup>**



**pcgf1<sup>(-/-)</sup>**

