



Movie 1. *merovingian* mutants fail to respond to acoustic/vibrational stimuli. Wild type fish show a startle response after vibrations are generated by taping on the dish (left). This response is absent in *merovingian* mutants (right). *merovingian* mutants also show a failure to maintain an upright body position.



Movie 2. *merovingian* mutants show circling behavior. Video of *merovingian* mutants one of which is showing circling behavior.