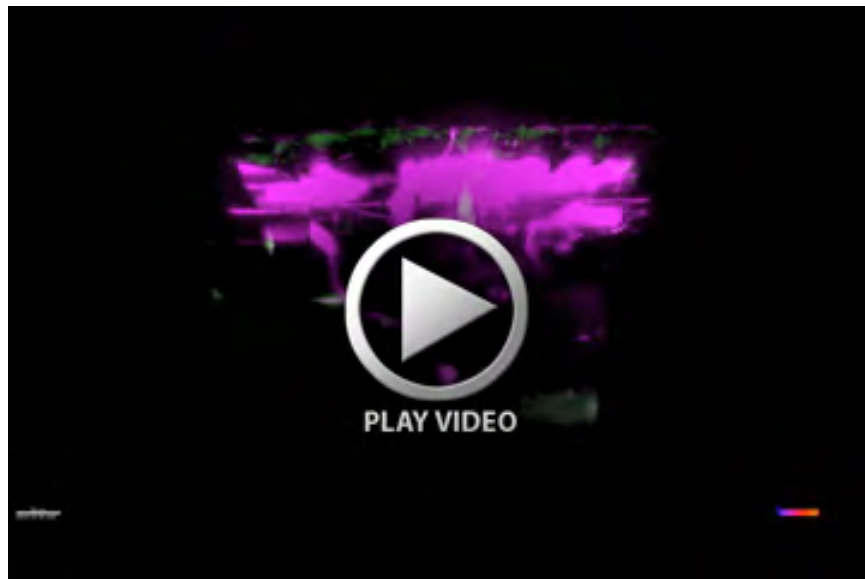
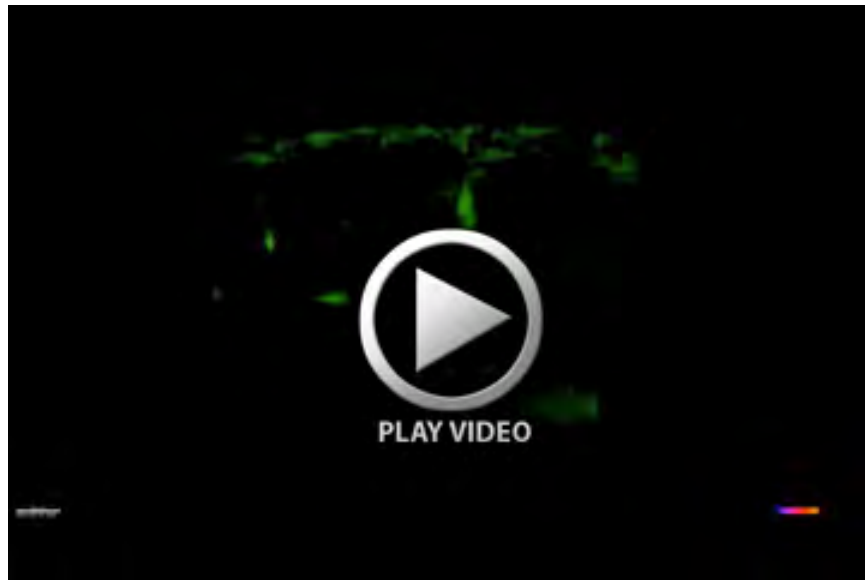


Movie 1. Melanoblasts migrate along the motor neurons. For further explanation see legend to Fig. 1.



Movie 2. Tracing a clone of individual MPs during regeneration in chimeric animals. For further explanation see legend to Fig. 5.



Movie 3. Tracing a clone of individual MPs during regeneration in chimeric animals. Green channel of Movie 3.



Movie 4. Melanoblast migration along the ventromedial path is blocked in *erbb2b* mutants. Imaging of *Tg(mitfa:gfp;nbt:DsRed)* embryos between 20 and 30 hpf, 1 frame per 15 minutes. The motoneurons remain uncovered by GFP-positive cells, whereas some melanoblasts can be seen migrating ventrally along the dorsolateral path. Movie 1 shows the wild type for comparison.