

### **Dehydration/Embedding protocol for embryos**

75% (can store in 4 C for unlimited amount of time)

80% EtOH 2X for 15 minutes each

90% EtOH 2X for 15 minutes each

95% EtOH 2X for 15 minutes each

**\*\*rock eppie during each wash**

100% EtOH 2X for 15 minutes

Xylene 2X for 15 minutes each

50:50 Xylene and paraffin 15 minutes at about 60 degrees in oven

Paraffin 2X for 1 hour each at 60 degrees in oven

Embed

### **Dehydration/Embedding protocol for adults**

Cut a slit in the belly and fix in Bouin's for up to 1 week

Rinse 3X with sterile RO water

Cut fish in half anterior to posterior along the dorsal/ventral axis

Emerge cassette in 75% EtOH (can store in 4 C for unlimited amount of time)

80% EtOH 2X for 15 minutes each

90% EtOH 2X for 15 minutes each

95% EtOH 2X for 15 minutes each

100% EtOH 2X for 15 minutes

Xylene (Americlear) 2X for 15 minutes each

50:50 Xylene (Americlear) and paraffin 15 minutes at 60+ degrees in oven

Paraffin 2X for 1 hour each at 60+ degrees in oven

Embed using shallow embedding molds (up to two fish, cut surface flat on the bottom, per mold)