

Characterization Of Novel Molecular Tools And Their Application To The Studies Of Heart Development

This CD contains fourteen movies (.mov) from the above titled thesis as listed below:

Movie no. Movie legend

- Movie 1. Heart of the endocardium-specific ET33-1A transgenic line *in vivo* at 3dpf in ventral view.
- Movie 2. Heart of the endocardium-specific ET33-1A transgenic line *in vivo* at 3dpf in ventral view after rendering.
- Movie 3. Heart of the endocardium-specific ET33-mi74A transgenic line *in vivo* at 1dpf in lateral view.
- Movie 4. Heart of the myocardium-specific ET33-mi3A transgenic line *in vivo* at 3dpf in ventral view.
- Movie 5. Heart of the myocardium-specific ET33-mi3A transgenic line *in vivo* at 3dpf in ventral view after rendering.
- Movie 6. Heart of the atrio-ventricular junction-specific ET31A transgenic line *in vivo* at 3dpf in ventral view.
- Movie 7. Heart of the atrio-ventricular junction-specific ET31A transgenic line *in vivo* at 3dpf in ventral view after rendering.
- Movie 8. Heart of the atrium-specific GW38A transgenic line *in vivo* at 3dpf in frontal view.
- Movie 9. Heart of the ventricle-specific GW64B transgenic line *in vivo* at 3dpf in lateral view.
- Movie 10. Heart of the ET33-mi59B:Tg(*gata*:RFP) *in vivo* at 36hpf in frontal view.
- Movie 11. Heart of the ET33-mi59B *in vivo* at 3dpf in lateral view after rendering.
- Movie 12. Heart of the ET33-mi59B *in vivo* at 3dpf in frontal view after rendering.
- Movie 13. A control uninjected embryo showing normal heart beat and circulation at 2dpf
- Movie 14. A *fhf2*MO injected embryo showing cardiac defects at 2dpf

Thank you.
Poon Kar Lai