

Heart Histology

At the end of the pipeline, three male & three female hearts per mutant line (plus matched wild-type controls) were dissected out, any fat removed and the tissue blotted. Hearts were weighed and then fixed in neutral buffered formalin (NBF). The samples were processed through to paraffin wax before longitudinal sections were taken. The resulting slides were stained with haematoxylin & eosin and scanned to create a biobank of images.

The age at which the mice were culled, the anaesthetic used prior to culling and the diet the mice were fed was pipeline dependent.