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A RESEARCH PROGRAMME IMAGING AND PHENOTYPING EMBRYONIC-LETHAL MOUSE KNOCKOUT LINES, REVEALING CRITICAL GENES FOR NORMAL EMBRYO DEVELOPMENT.



## YOUR DATABASE dmdd.org.uk



## VIEW ALL IMAGES ONLINE

- full resolution data (1-3 μm<sup>3</sup>)
- phenotypes highlighted on images



## ONLINE TOOLS

- search by gene, phenotype or anatomy
- view embryos in all 3 orthogonal planes
- compare embryos and phenotypes side-by-side



## **RESOURCES FOR YOU**

- all image data available on request
- data is ideal for 3D modelling
- mouse lines freely available from INFRAFRONTIER

DMDD IS FUNDED BY THE WELLCOME TRUST AND BRINGS TOGETHER EXPERTS IN MAMMALIAN EMBRYO DEVELOPMENT FROM ACROSS THE UK AND EUROPE.









Embryos are imaged using High Resolution Episcopic Microscopy (HREM). They can be viewed at full resolution (1-3 µm) in all three orthogonal planes.