

Test datasets for the Landscape software

The scope of this test is

- a) to introduce the user to the operating principle of the Landscape software, and
- b) to demonstrate on two test datasets the effective correction for both imaging orientation and embryo size.

1. Two zebrafish datasets are provided with the Landscape software:

Dataset 1 – derives from one embryo imaged at one imaging orientation.

Dataset 2 – derives from dataset 1 with computationally introduced manipulations. Specifically, the dataset was downsampled and rotated to generate a smaller-sized and rotated version of dataset 1.

2. The image resolution of the data is as follows: $[X, Y, Z] \text{ } [\mu\text{m}] = [1.29, 1.29, 10] \text{ } [\mu\text{m}]$