Ilastik-mouse-skeletal-muscle-analysis-pack

**SETTINGS TO USE IN ILASTIK** **TO REPLICATE OUR ANALYSIS**

If setting not specified, default settings were used\*

|  |  |
| --- | --- |
| **Pixel Classification** | |
| **Applet** | **Settings\*** |
| 1. Input Data | N/a |
| 1. Feature Selection | * Select ALL features |
| 1. Training | * Rename ‘Label 1’ to ‘PAX7’ * Rename ‘Label 2’ to ‘Background’ * Brush size = 1 |
| 1. Prediction Export | N/a |
| 1. Batch Processing | N/a |

|  |  |
| --- | --- |
| **Object Classification** | |
| **Applet** | **Settings\*** |
| 1. Input Data | N/a |
| 1. Threshold and Size Filter | * Method = simple * Input = yellow 0 * Smooth = 1.0 – 1.0 * Threshold = 0.5 * Size Filter = 10 - 1000000 |
| 1. Object Feature Selection | * Size in pixels |
| 1. Object Classification | N/a |
| 1. Object Information Export | * Configure Feature Table Export = file format -> CSV (.csv) |
| 1. Batch Processing | N/a |
| 1. Blockwise Object Classification | N/a (not used in our analysis) |