Ilastik-mouse-skeletal-muscle-analysis-pack

**FILE GUIDE**

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| **Composite Images of Mouse Skeletal Tissue** | |
| **File Name** | **Description** |
| Injured\_D1.jpg | Composite image of immunohistochemical stain of 7 days post-injury mouse skeletal muscle section, stained for PAX7 (orange) and nuclear marker Hoescht (blue) |
| Injured\_D2.jpg |
| Injured\_D5.jpg |
| Uninjured\_D3.jpg | Composite image of immunohistochemical stain of uninjured mouse skeletal muscle section, stained for PAX7 (orange) and nuclear marker Hoescht (blue) |
| Uninjured\_D4.jpg |
| Uninjured\_D5.jpg |
| **Probability Maps** | |
| **File Name** | **Description** |
| Injured\_D1\_probabilitymap.h5.zip | Probability maps of each individual composite image. Each file zipped due to the large size of each file (~2GB/file). |
| Injured\_D2\_probabilitymap.h5.zip |
| Injured\_D5\_probabilitymap.h5.zip |
| Uninjured\_D3\_probabilitymap.h5.zip |
| Uninjured\_D4\_probabilitymap.h5.zip |
| Uninjured\_D5\_probabilitymap.h5.zip |
| **Object Classification Output** | |
| **File Name** | **Description** |
| Injured\_D1\_objclass.h5.zip | Objection classification output of each individual composite image. Each file zipped due to the large size of each file (~2GB/file). |
| Injured\_D2\_objclass.h5.zip |
| Injured\_D5\_objclass.h5.zip |
| Uninjured\_D3\_objclass.h5.zip |
| Uninjured\_D4\_objclass.h5.zip |
| Uninjured\_D5\_objclass.h5.zip |
| **CSVs** | |
| **File Name** | **Description** |
| Injured\_D1\_table.csv | CSV file displaying analysis results for each composite image. Measurement collected was ‘pixel size’ of each object, total number of Pax7+ cells was derived from the *number* of entries in the file. |
| Injured\_D2\_table.csv |
| Injured\_D5\_table.csv |
| Uninjured\_D3\_table.csv |
| Uninjured\_D4\_table.csv |
| Uninjured\_D5\_table.csv |