

Manuscript Title

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Authors

- **David Haberthür**

 [0000-0003-3388-9187](#) ·  [habi](#) ·  [@habi@mastodon.social](#)

Institute of Anatomy, University of Bern, Baltzerstrasse 2, 3012 Bern, Switzerland

- **Larisa Petra Kaija**

 [0009-0001-1871-5915](#) ·  [LarisaKaija](#)

Animal Welfare Division, Veterinary Public Health Institute, University of Bern, Länggassstrasse 120, 3012 Bern, Switzerland

✉ — Correspondence possible via [GitHub Issues](#)

Abstract

Background & Summary

We scanned a *lot* of different mouse strains and so-called hybrids, both male and female. One scan for each strain, each hybrid and each sex gives already 90 samples.

Methods

Sample preparation

- Mice were anesthetized
- Mice were decapitated
- Mouse skulls were stored in ...

Tomographic imaging

- SkyScan 1272 with sample changer
- All log files available here: <https://github.unibe.ch/david-haberthuer/InMice/tree/main/logfiles>
- Report scanning settings and reconstruction parameter data according to¹

Image processing

- *Jupyter*² notebooks, available here: <https://github.unibe.ch/david-haberthuer/InMice/>, for reproducible research.

Data Records

Technical Validation

Usage Notes

Code Availability

- [Jupyter notebooks](#)

References

1. Stock, S. R. & De Carlo, F. [Meta-data for absorption tomography measurements](#). *Tomography of Materials and Structures* **3**, 100015 (2023).
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3. ANSI/NISO Z39.104-2022, CRediT, Contributor Roles Taxonomy. doi:[10.3789/ansi.niso.z39.104-2022](#).
4. Himmelstein, D. S. *et al.* [Open collaborative writing with Manubot](#). *PLoS Comput Biol* **15**, e1007128 (2019).

Author Contributions

[Contributor Roles Taxonomy \(CRediT\)](#), as defined in³:

- [Data curation](#): David Haberthür, Larisa Petra Kaija
- [Formal analysis](#): David Haberthür
- [Investigation](#): David Haberthür, Larisa Petra Kaija
- [Methodology](#): David Haberthür, Larisa Petra Kaija
- [Project administration](#): David Haberthür
- [Software](#): David Haberthür
- [Validation](#): David Haberthür, Larisa Petra Kaija
- [Visualization](#): David Haberthür
- [Writing – original draft](#): David Haberthür
- [Writing – review & editing](#): David Haberthür, Larisa Petra Kaija

Competing Interests

Author	Competing Interests	Last Reviewed
David Haberthür	None	2025-06-27
Larisa Petra Kaija	None	

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