# PDF export with Manubot

* Manubot was developed by [[1](#ref-15qogQLtu)].
* A summary script was created at pandoc/manubot.sh. bash pandoc/manubot.sh 'PDF export with Manubot.md' library.bib

## Installation

1. Install Rootstock

git submodule add https://github.com/ktmeaton/rootstock.git  
cd rootstock  
conda activate manubot  
build/build.sh

1. Edit the build script to export Docx by default.

Ideally, I’d like to have the frontmatter not be an external file… but that’s not going to work.

Once the MD output is generated, the PDF is generated with:

ln -s content/images  
pandoc \  
 --data-dir=build/pandoc \  
 --defaults=common.yaml \  
 --defaults=html.yaml \  
 --defaults=pdf-weasyprint.yaml  
rm images

## Manual PDF

1. Copy Markdown file to be exported to the output directory:

INPUT='Chromosome Resequencing Experiment.md'  
  
# Convert Wikilinks  
./pandoc/convert\_wikilinks.py --input $INPUT --output rootstock/output/manuscript.md  
cd rootstock;  
  
# Export PDF  
pandoc --data-dir=build/pandoc --defaults=common.yaml --defaults=html.yaml --defaults=pdf-weasyprint.yaml  
  
# Export HTML  
pandoc --verbose --data-dir=build/pandoc --defaults=common.yaml --defaults=html.yaml  
  
# Export DOCX  
pandoc --verbose --data-dir=build/pandoc --defaults=common.yaml --defaults=docx.yaml

## References

1. **Open Collaborative Writing with Manubot**   
Daniel S. Himmelstein, Vincent Rubinetti, David R. Slochower, Dongbo Hu, Venkat S. Malladi, Casey S. Greene, Anthony Gitter  
*PLOS Computational Biology* (2019-06)   
DOI: [10.1371/journal.pcbi.1007128](https://doi.org/10.1371/journal.pcbi.1007128)