## PhD Diary 28th January

Nathan Hughes

January 28, 2019

- 1 IDEA Spatial and temporal transcriptomic analysis of the Arabidopsis thaliana-Botrytis cinerea interaction Mulema and Denby (1)
  - 1. Would it be possible to get a hold of the transcriptomics data
    - There may also be an interest in Windram et al. (2) also
  - 2. What could I possibly do with the data if we got it?

## References

- [1] Joseph M. K. Mulema and Katherine J. Denby. Spatial and temporal transcriptomic analysis of the Arabidopsis thaliana—Botrytis cinerea interaction. *Molecular Biology Reports*, 39(4):4039–4049, April 2012. ISSN 1573-4978. doi: 10.1007/s11033-011-1185-4.
- [2] Oliver Windram, Priyadharshini Madhou, Stuart McHattie, Claire Hill, Richard Hickman, Emma Cooke, Dafyd J. Jenkins, Christopher A. Penfold, Laura Baxter, Emily Breeze, Steven J. Kiddle, Johanna Rhodes, Susanna Atwell, Daniel J. Kliebenstein, Youn-sung Kim, Oliver Stegle, Karsten Borgwardt, Cunjin Zhang, Alex Tabrett, Roxane Legaie, Jonathan Moore, Bärbel Finkenstadt, David L. Wild, Andrew Mead, David Rand, Jim Beynon, Sascha Ott, Vicky Buchanan-Wollaston, and Katherine J. Denby. Arabidopsis Defense against Botrytis cinerea: Chronology and Regulation Deciphered by High-Resolution Temporal Transcriptomic Analysis. *The Plant Cell*, 24(9):3530–3557, September 2012. ISSN 1040-4651, 1532-298X. doi: 10.1105/tpc.112.102046.