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GENOMIC ANALYSIS OF MACROPHAGE GENE SIGNATURES DURING IDIOPATHIC PULMONARY FIBROSIS DEVELOPMENT

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Genomic analysis of macrophage gene signatures during idiopathic pulmonary fibrosis development

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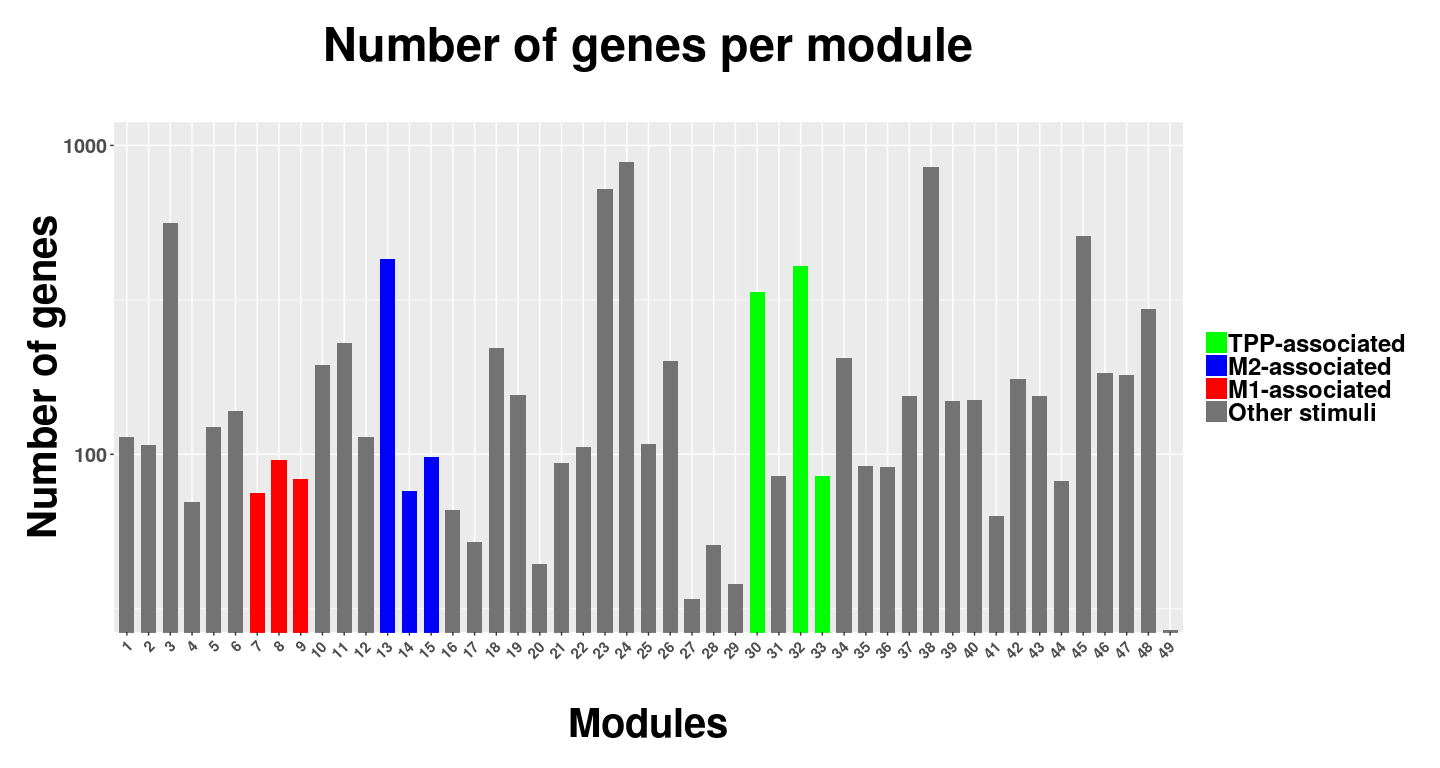
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ABSTRACT

INTRODUCTION

Idiopathic Pulmonary Fibrosis (IPF) is a deadly disease for which there is currently no available cure. Below goes an image:



BIBLIOGRAPHICAL REVIEW

# DEFINING MACROPHAGE GENE SIGNATURES

## Macrophage Modules

## 1.2 hello

# Hi

METHODS

RESULTS AND DISCUSSION

CONCLUSION

REFERENCES

BAUER, Y. et al. A novel genomic signature with translational significance for human idiopathic pulmonary fibrosis. **American Journal of Respiratory Cell and Molecular Biology**, [s. l.], v. 52, n. 2, p. 217–231, 2015.

BECKER, M. et al. Integrated Transcriptomics Establish Macrophage Polarization Signatures and have Potential Applications for Clinical Health and Disease. **Scientific Reports**, [s. l.], v. 5, n. July, p. 1–12, 2015. Disponível em: <<http://dx.doi.org/10.1038/srep13351>>X

APPENDIX