BRAKER1: Unsupervised RNA-Seq-Based Genome Annotation with GeneMark-ET and AUGUSTUS

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ABSTRACT

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- 1 INTRODUCTION
- 2 METHODS
- 3 ACCURACY RESULTS
- 4 CONCLUSION

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REFERENCES

Bofelli, F., Name2, Name3 (2003) Article title, *Journal Name*, **199**, 133-154. Bag, M., Name2, Name3 (2001) Article title, *Journal Name*, **99**, 33-54.

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Yoo,M.S. et al. (2003) Oxidative stress regulated genes in nigral dopaminergic neurnol cell: correlation with the known pathology in Parkinson's disease. Brain Res. Mol. Brain Res., 110(Suppl. 1), 76–84.

Lehmann, E.L. (1986) Chapter title. Book Title. Vol. 1, 2nd edn. Springer-Verlag, New York.

Crenshaw, B.,III, and Jones, W.B.,Jr (2003) The future of clinical cancer management: one tumor, one chip. *Bioinformatics*, doi:10.1093/bioinformatics/btn000.

Auhtor, A.B. et al. (2000) Chapter title. In Smith, A.C. (ed.), Book Title, 2nd edn. Publisher, Location, Vol. 1, pp. ???-???.

Bardet, G. (1920) Sur un syndrome d'obesite infantile avec polydactylie et retinite pigmentaire (contribution a l'etude des formes cliniques de l'obesite hypophysaire). PhD Thesis, name of institution, Paris, France.