

RESEARCH

# A sample article title

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**Abstract**

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**Keywords:** sample; article; author

**Content**

Text and results for this section, as per the individual journal’s instructions for authors.

**Characteristic of microRNA Prediction Evidence Databases**

There are many characteristics of microRNA:mRNA target binding that are taken into account - in different combinations - for each microRNA prediction database. We begin with a review of these criteria. ...

Common features of miRNA Prediction Algorithms

Common features for the Prediction tool.[6] Special features of these Prediction tools...microRNA:Target predictions algorithm each used unique combinations of these features to perform similar function, thus it is useful to have a look at the distribution and coveration of these predictions across databases. Table 2 showed all the database we considered in this study and the interactions they have covered. Table 3 showed all the features that has been used for the prediction design for each database.

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**Competing interests**

The authors declare that they have no competing interests.

**Author’s contributions**

Text for this section ...

**Acknowledgements**

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References

1. Koonin, E.V., Altschul, S.F., Bork, P.: Brca1 protein products: functional motifs. *Nat Genet* **13**, 266–267 (1996)

2. Kharitonov, S.A., Barnes, P.J.: Clinical Aspects of Exhaled Nitric Oxide. in press

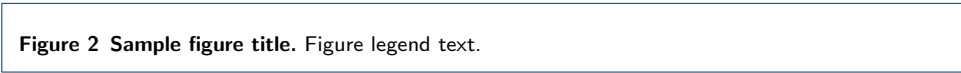
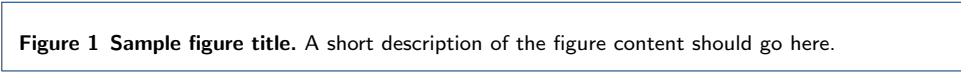
3. Zvaifler, N.J., Burger, J.A., Marinova-Mutafchieva, L., Taylor, P., Maini, R.N.: Mesenchymal cells, stromal derived factor-1 and rheumatoid arthritis [abstract]. *Arthritis Rheum* **42**, 250 (1999)

4. Jones, X.: Zeolites and synthetic mechanisms. In: Smith, Y. (ed.) *Proceedings of the First National Conference on Porous Sieves: 27-30 June 1996; Baltimore*, pp. 16–27 (1996). Stoneham: Butterworth-Heinemann

5. Margulis, L.: *Origin of Eukaryotic Cells*. Yale University Press, New Haven (1970)

6. Peterson, S.M., Thompson, J.A., Ufkin, M.L., Sathyanarayana, P., Liaw, L., Congdon, C.B.: Common features of microrna target prediction tools. *Frontiers in genetics* **5** (2014)

Figures



**Table 1** Summary of interactions in all the Prediction Evidence Database

Databases	Details	Mapped Interactions	MicroRNAs	mapped targets
Targetscan	conservation	0.2	0.3	
Targetscan	non conservation	..	.	
PITA	..	.	.	

**Table 2** Table of the features which are used in each database

Databases	Conservation	Binding Energy	MicroRNAs	mapped targets
Targetscan	-	X	X	
Targetscan	non	..	.	
PITA	..	.	.	

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