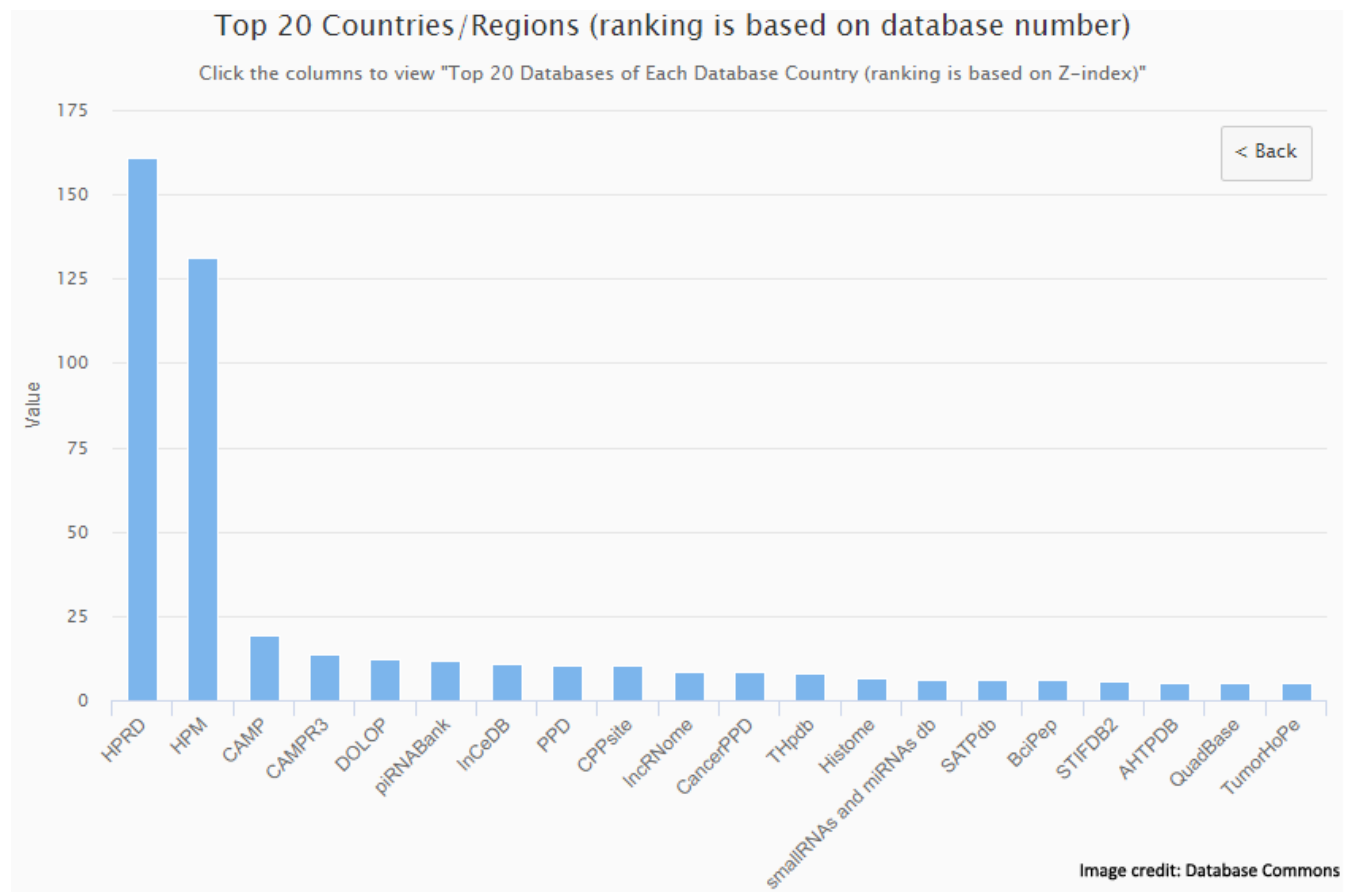


India ranks 4th among the Top 20 Bioinformatics Database Contributors in the world

Author : Bioinformatics Review

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Database Commons (a catalog of biological databases) [1] has revealed new statistics based on database rankings showing the top 20 countries/regions with the highest number of databases managed by them (Fig. 1). India holds the fourth rank among these top 20 countries with 318 total number of databases.

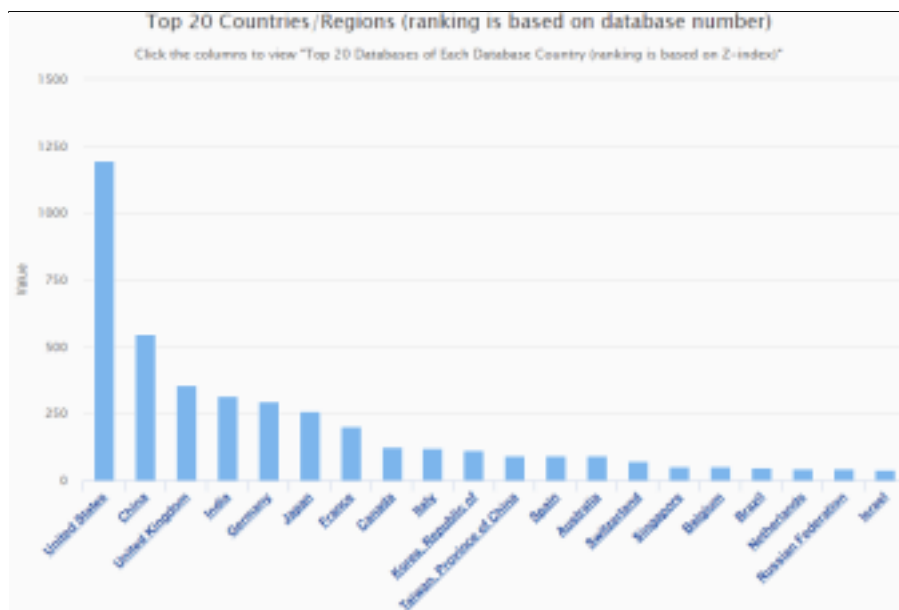


Fig. 1 Top 20 countries/regions showing database numbers.

This ranking is based on Z-index. The United States holds the first position with 1,196 total databases, followed by China with 547 number of databases, which is followed by the UK (357 databases) and India (318 databases). Exome Aggregation Consortium (ExAC) from the USA has been ranked first worldwide with a Z-index of 706. The Human Protein Reference Database (HPRD) [2,3] scored the highest Z-index (160.75) among the other top 20 databases in India as shown in the table below.

Name of the database	Z-index*
Human Protein Reference Database (HPRD)	160.75
HPM	131.40
CAMP	19.2222
CAMPR3	13.6667
DOLOP	12.0588
piRNABank	11.5455
InCeDB	10.6
PPD	10.5714
CPPsite	10.1429
IncRNome	8.5
CancerPPD	8.25
THpdb	8
Histome	6.42857
smallRNAs and miRNAs db	6.22222
SATpdb	6
BciPep	5.92857
STIFDB2	5.5
AHTPDB	5.25

Name of the database	Z-index*
QuadBase	5.18182
TumorHoPe	5.14286

*The ranking is based on the Z-index calculated by the Database Commons [1].

For further reading, [click here](#).

References

1. <http://bigd.big.ac.cn/databasecommons/stat#>
2. Peri, S. *et al.* (2003). Development of Human Protein Reference Database as an initial platform for approaching systems biology in humans. *Genome Research*. 13, 2363-2371.
3. Prasad, T. S. K. *et al.* (2009). Human Protein Reference Database – 2009 Update. *Nucleic Acids Research*. 37, D767-72.

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