

Focus		Name	Web	Reference	
<b>Coding</b>		Human transcript database	<a href="http://www.hgsc.bcm.tmc.edu/HTDB/">http://www.hgsc.bcm.tmc.edu/HTDB/</a>	Human Genome Sequencing Center at Baylor College of Medicine	
		GGEN Database	<a href="http://sciencepark.mdanderson.org/ggeg/search.htm">http://sciencepark.mdanderson.org/ggeg/search.htm</a>	MD Anderson Cancer Center at the University of Texas	
		AltSplice, AltExtron, AltDb	<a href="http://www.ebi.ac.uk/asd/">http://www.ebi.ac.uk/asd/</a>	Thanaraj et al. 2004, Clark et al. 2002	
		FAST DB	<a href="http://193.48.40.18/fastdb/">http://193.48.40.18/fastdb/</a>	De la Grange 2005	
		Hollywood Database	<a href="http://hollywood.mit.edu/">http://hollywood.mit.edu/</a>	Holste et al. 2006	
<b>Non-coding</b>	General	Noncoding RNAs Database	<a href="http://biobases.ibch.poznan.pl/ncRNA/">http://biobases.ibch.poznan.pl/ncRNA/</a>	Institute of Bioorganic Chemistry, Polish Academy of Sciences	
		Database of ncRNAs in plants	<a href="http://www.prl.msu.edu/PLANTncRNAs/">http://www.prl.msu.edu/PLANTncRNAs/</a>	Michigan State University	
		RFAM	<a href="http://www.sanger.ac.uk/Software/Rfam/">http://www.sanger.ac.uk/Software/Rfam/</a>	Griffiths-Jones et al. 2005, Griffiths-Jones et al. 2003	
		RNADB	<a href="http://research.imb.uq.edu.au/rnadb/">http://research.imb.uq.edu.au/rnadb/</a>	Pang et al. 2005	
		Noncode	<a href="http://noncode.bioinfo.org.cn/">http://noncode.bioinfo.org.cn/</a>	Bioinformatics Research Group, Institute of Computing Technology, Chinese Academy of Sciences	
	MicroRNAs	MicroRNADB	<a href="http://166.111.30.65/micronadb/">http://166.111.30.65/micronadb/</a>	Laboratory of Bioinformatics, Tsinghua University	
	RNase P	The RNase P database	<a href="http://jwbrown.mbio.ncsu.edu/RNaseP/home.html">http://jwbrown.mbio.ncsu.edu/RNaseP/home.html</a>	Brown et al. 1999	
	SRP RNAs	Signal Recognition Particle Database	<a href="http://psyche.uthct.edu/dbs/SRPDB/SRPDB.html">http://psyche.uthct.edu/dbs/SRPDB/SRPDB.html</a>	Alm Rosenblad et al. 2003	
	Ribosomal RNAs	5S Ribosomal RNA database	<a href="http://www.man.poznan.pl/SSData/">http://www.man.poznan.pl/SSData/</a>	Szymanski et al. 2002	
		Ribosomal Database Project-II	<a href="http://rdp.cme.msu.edu/">http://rdp.cme.msu.edu/</a>	Cole et al. 2005	
		European ribosomal RNA database	<a href="http://www.psb.ugent.be/rRNA/">http://www.psb.ugent.be/rRNA/</a>	University of Gent	
	tRNAs	tRNA sequences	<a href="http://www.uni-bayreuth.de/departments/biochemie/trna/">http://www.uni-bayreuth.de/departments/biochemie/trna/</a>	Sprinzi and Vassilenko	
		GtRDB	<a href="http://rna.wustl.edu/tRNADB">http://rna.wustl.edu/tRNADB</a>	Lowe 2002	
	Small RNAs	Small RNA database	<a href="http://condor.bcm.tmc.edu/smallRNA/">http://condor.bcm.tmc.edu/smallRNA/</a>	Department of Pharmacology, Baylor College of Medicine	
	snoRNAs	snoRNAs from Yeast Database	<a href="http://www.bio.umass.edu/biochem/rna-sequence/Yeast_snoRNA_Database/snoRNA_DataBase.html">http://www.bio.umass.edu/biochem/rna-sequence/Yeast_snoRNA_Database/snoRNA_DataBase.html</a>	Samarsky and Fournier 1999	
		snoRNA Database	<a href="http://lowelab.ucsc.edu/snoRNADB/">http://lowelab.ucsc.edu/snoRNADB/</a>	USCS RNA Center	
	Introns	YIDP	<a href="http://www-db.embl-heidelberg.de/jss/servlet/de.embl.bk.wwwTools.GroupLeftEMBL/ExternalInfo/seraphin/yidb.html">http://www-db.embl-heidelberg.de/jss/servlet/de.embl.bk.wwwTools.GroupLeftEMBL/ExternalInfo/seraphin/yidb.html</a>	Lopez and Seraphin 2000	
	<b>Modification</b>		The RNA modification Database	<a href="http://medlib.med.utah.edu/RNAmods/">http://medlib.med.utah.edu/RNAmods/</a>	Limbach et al. 1994
	<b>Structure</b>		RNABase	<a href="http://www.rnabase.org/">http://www.rnabase.org/</a>	Murthy and Rose 2003

## **Supplementary online Table Mendes Soares & Valcárcel**

**Table 1. Summary of databases and other computational resources describing the transcriptome of higher eukaryotes.** References: Alm Rosenblad M, Gorodkin J, Knudsen B, Zwieb C, Samuelsson T (2003) SRPDB (Signal Recognition Particle Database). *Nucl Acids Res* **31 (Database Issue)**: 363-364; Brown JW (1999) The Ribonuclease P Database. *Nucl Acids Res* **27**: 314; Clark F, Thanaraj TA (2002) Categorization and characterization of transcript-confirmed constitutively and alternatively spliced introns and exons from human. *Hum Mol Genet* **11**: 451-464; Cole JR, Chai B, Farris RJ, Wang Q, Kulam SA, McGarrell DM, Garrity GM, Tiedje JM (2005) The Ribosomal Database Project (RDP-II): sequences and tools for high-throughput rRNA analysis. *Nucl Acids Res* **33(Database Issue)**: D294-D296; de la Grange P, Dutertre M, Martin N, Auboeuf D (2005) FAST DB: a website resource for the study of the expression regulation of human gene products. *Nucl Acids Res* **33(13)**: 4276-4284; Griffiths-Jones S, Bateman A, Marshall M, Khanna A, Eddy SR (2003) Rfam: an RNA family database. *Nucl Acids Res* **33(1)**: 439-441; Griffiths-Jones S, Moxon S, Marshall M, Khanna A, Eddy SR, Bateman A (2005) Rfam: annotating non-coding RNAs in complete genomes. *Nucl Acids Res* **33**: D121-D124; Holste D, Huo G, Tung V, Burge CB (2006) HOLLYWOOD: a comparative relational database of alternative splicing. *Nucl Acids Res* 2006 **34 (Database issue)**: D56-62; Limbach PA, Crain PF, McCloskey JA (1994) The modified nucleosides of RNA. *Nucl Acids Res* **22**: 2183-2196; Lopez PJ, Seraphin B (2000) YIDB: the Yeast Intron DataBase. *Nucl Acids Res* **28(1)**: 85-6; Lowe TM, Eddy SR (1997) tRNAscan-SE: A program for improved detection of transfer RNA genes in genomic sequence. *Nucl Acids Res* **25**: 955-964; Murthy VL, Rose GD (2003) RNABase: an annotated database of RNA structures. *Nucl Acids Res* **31(1)**: 502-504; Pang KC, Stephen S, Engstrom PG, Tajul-Arifin K, Chen W, Wahlestedt C, Lenhard B, Hayashizaki Y, Mattick JS (2005) RNAdb - a comprehensive mammalian noncoding RNA database. *Nucl Acids Res* **33 (Database Issue)**: D125-D130; Samarsky DA, Fournier MJ (1999) A comprehensive database for the small nucleolar RNAs from *Saccharomyces cerevisiae*. *Nucl Acids Res* **27(1)**: 161-4; Sprinzl M, Vassilenko KS (2005) Compilation of tRNA sequences and sequences of tRNA genes. *Nucl Acids Res* **33(Database issue)**: D139-40; Szymanski M, Barciszewska MZ, Erdmann VA, Barciszewski J (2002) 5S ribosomal RNA database. *Nucl Acids Res* **30**: 176-178; Thanaraj TA, Stamm S, Clark F, Riethoven JJM, Le Texier V, Muilu J (2004) ASD: the Alternative Splicing Database. *Nucl Acids Res* **32**: D64-D69