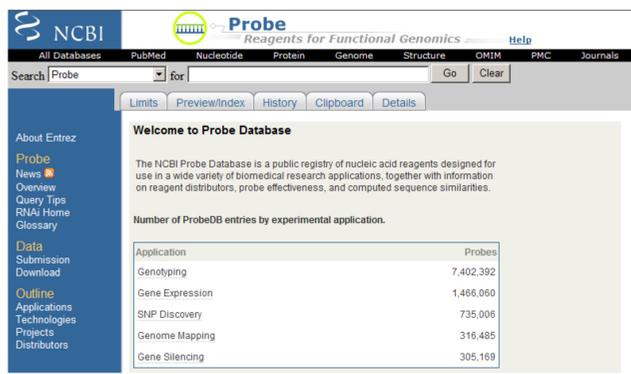
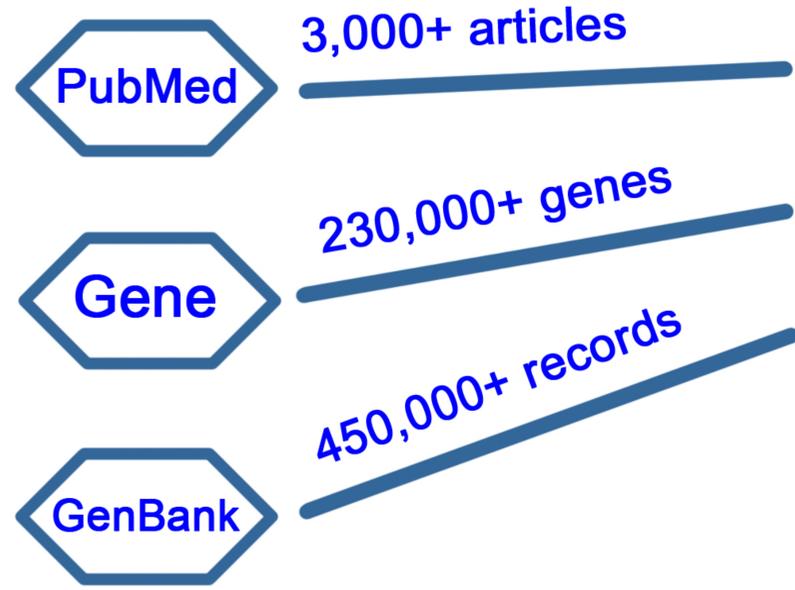


# NUCLEIC ACID REAGENTS AND EXPERIMENTAL RESULTS IN THE NCBI PROBE DATABASE

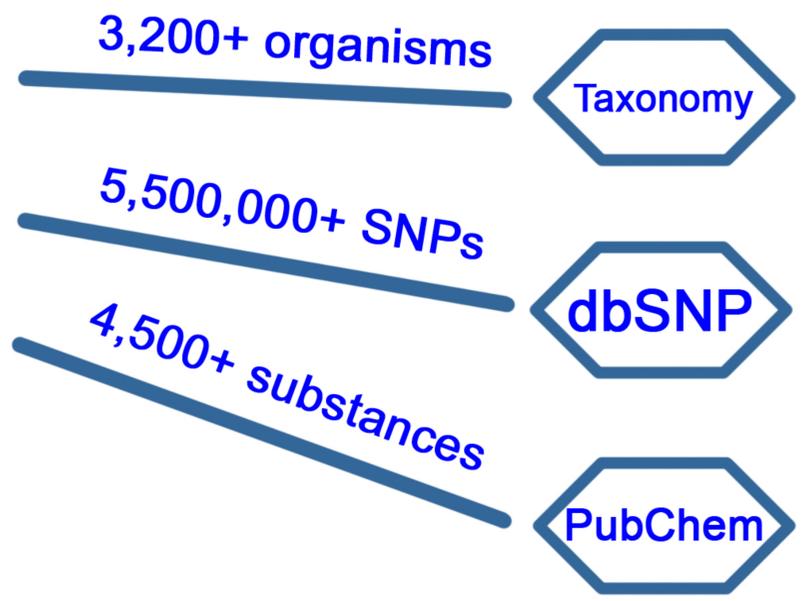
Svetlana Iazvovskaia, Ilene Karsch Mizrahi, Kirill Rotmistrovsky, and Savani Tatake.  
National Center for Biotechnology Information, NIH, Bethesda, MD.



Total Number of Probes is 10,227,355  
(Last updated on: 10/24/2009 05:19:59)

## Search ProbeDB directly by

- gene (gene ID or name)
- probe type (66 probe types)
- GenBank accession
- organism (3,200+ species)
- distributor or project name
- text word



## Find probes that are related to records in other ENTREZ databases

## Submit your probes to the NCBI ProbeDB

### Article in PubMed

### Probe report



**Small interfering RNA (siRNA) probe for Homo sapiens gene thrombospondin 1 (THBS1).**  
Developed for RNA interference (RNAi). Reagent is available from Qiagen.

**SEQUENCE**

>gnl|Probe|810202a.1 siRNA probe , sense strand (21 bp)  
CGAATGAGATCCCTAATT

Position Feature  
1..19 sense strand  
20..21 siRNA overhang (dna)

>gnl|Probe|810202b.1 siRNA probe , antisense strand (21 bp)  
TTAGGGATCTCATTCTGTA

Position Feature  
1..19 antisense strand for NM\_003246  
20..21 siRNA overhang (dna)

**REFERENCES**

Martin SE, et al. Multiplexing siRNAs to compress RNAi-based screen size in human cells. *Nucleic Acids Res.* 2007; 35(8):E57.

**DISTRIBUTOR**

Qiagen  
> Qiagen - Sample and Assay Technologies

### Distributors:

- Illumina (microarrays)
- OpenBiosystems (RNAi)
- AppliedBiosystems (TaqMan, RSA)
- Sigma-Aldrich (RNAi)
- Perlegen Sciences (primers)
- Affymetrix (microarrays)

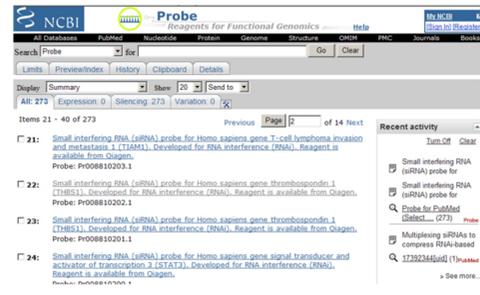
### Projects:

- GENSAT
- RNAi Global
- HapMap
- The RNAi Consortium

### Research community:

- > 3,000 publications
- > 2,250,000 probes

### ProbeDB search results



**URL:** <http://www.ncbi.nlm.nih.gov/sites/entrez?db=probe>

**Contact:** [probe-admin@ncbi.nlm.nih.gov](mailto:probe-admin@ncbi.nlm.nih.gov)