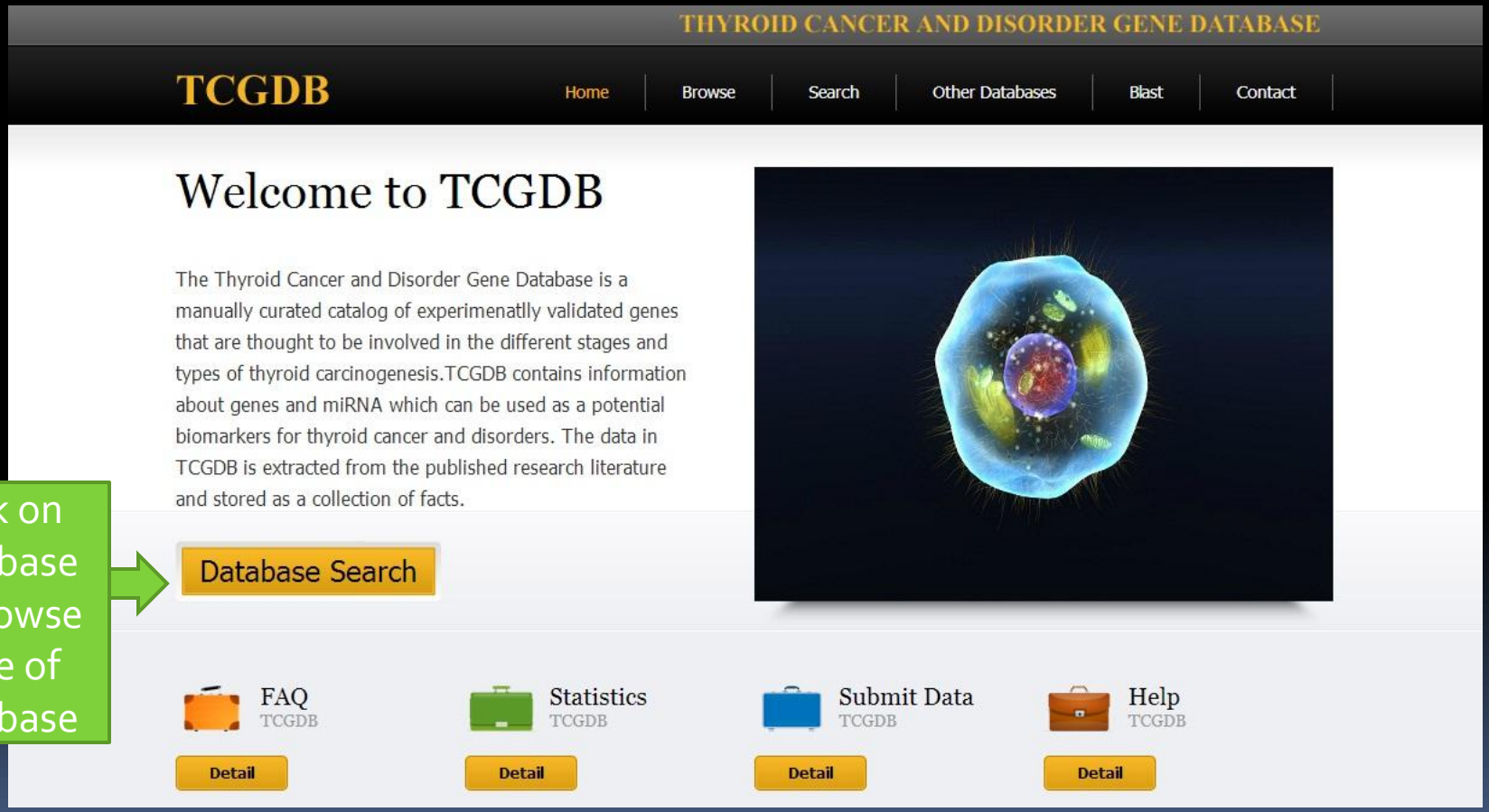
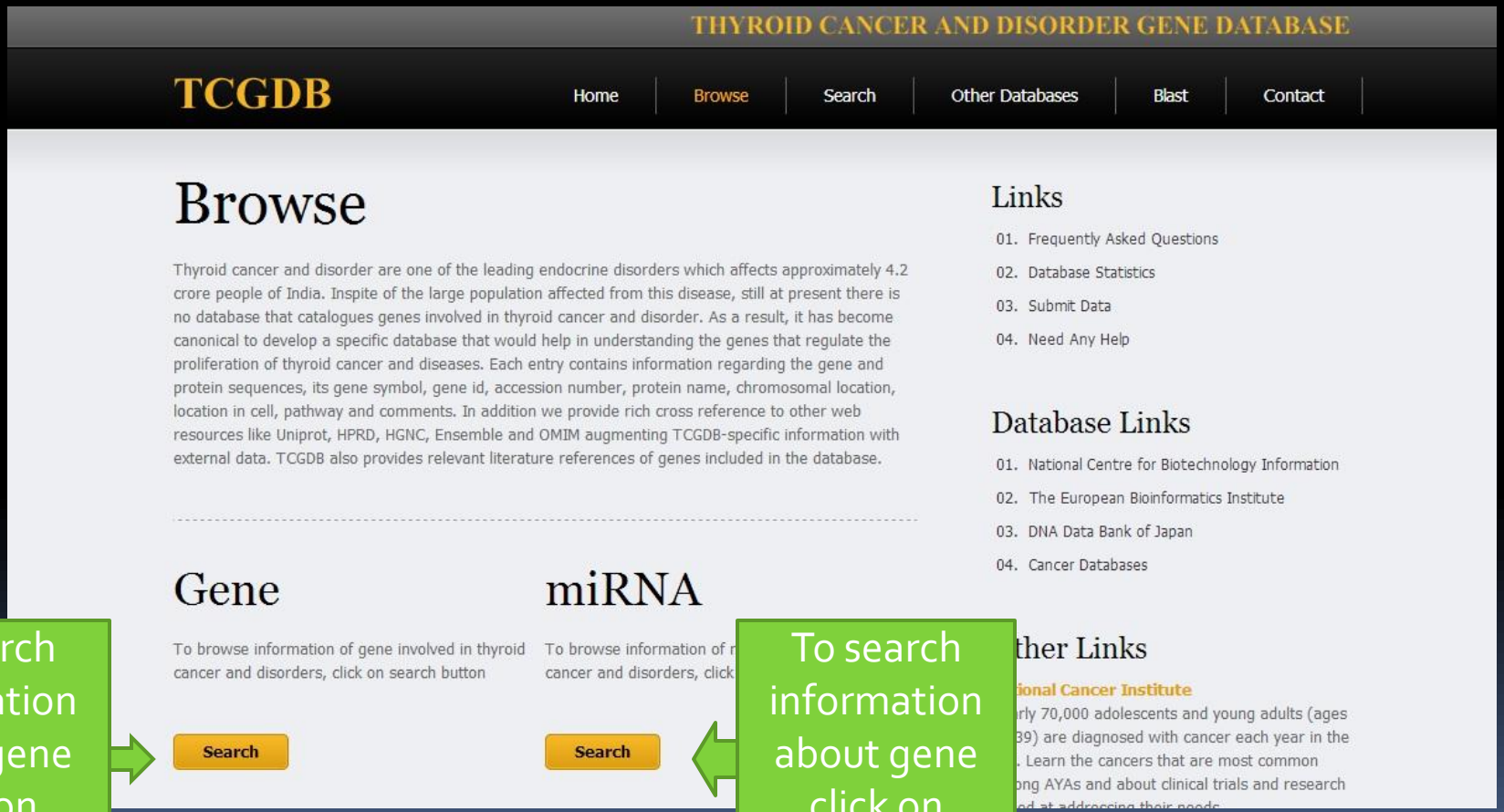
HELP

Home Page



Click on Database to Browse page of Database

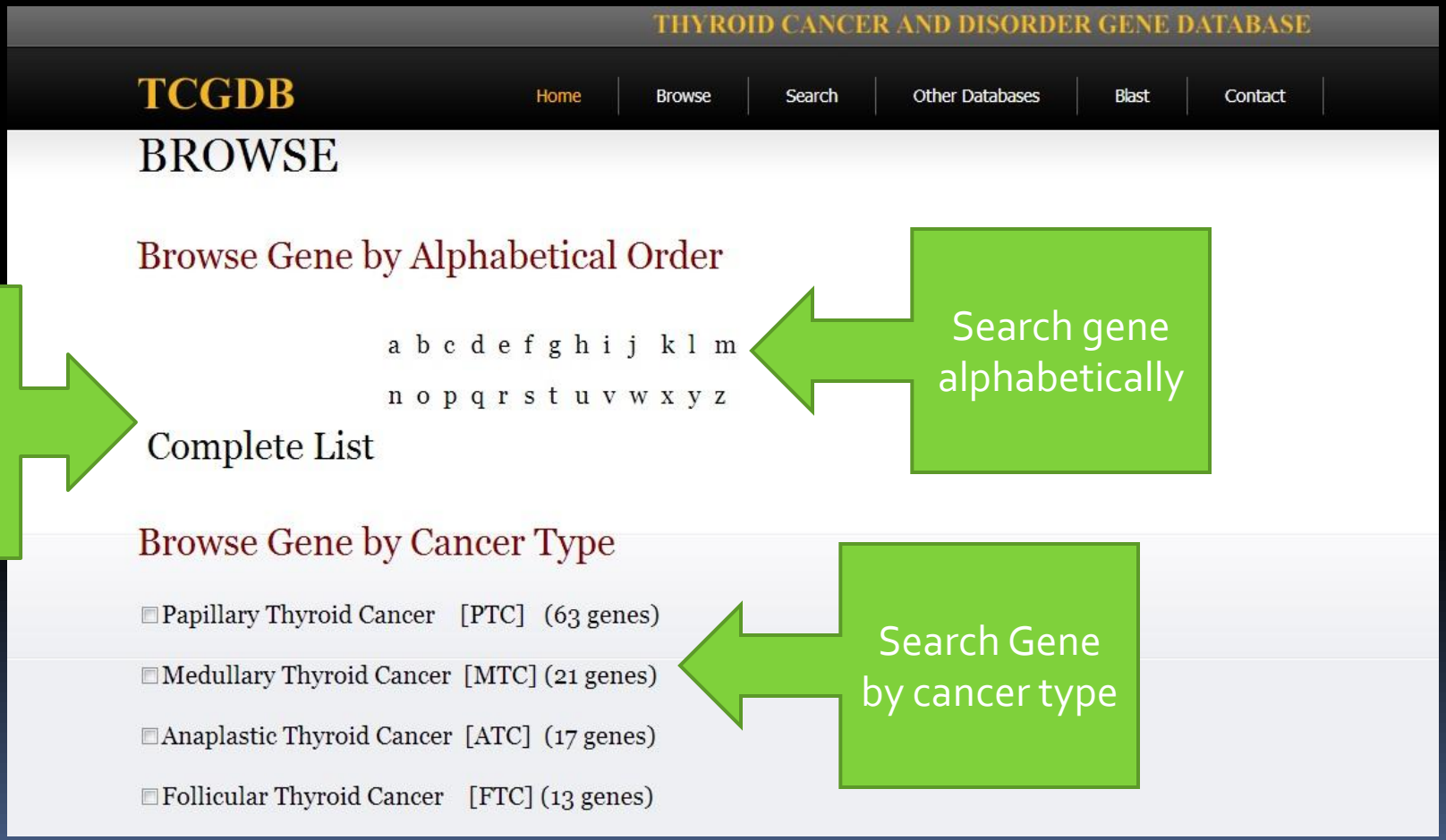
Browse Gene & miRNA



To search information about gene click on "Gene"

To search information about gene click on "Gene"

Alphabetical & Cancer Type Browsing

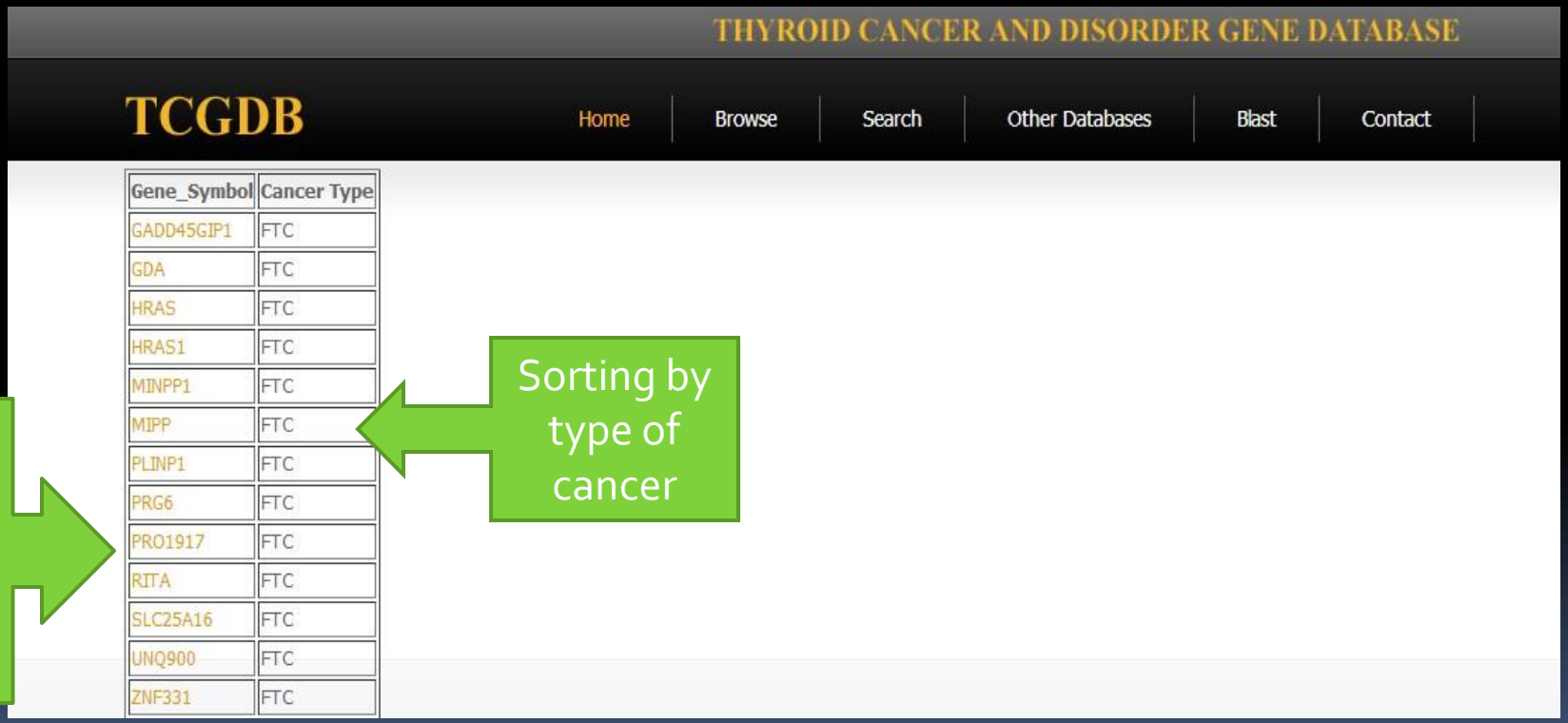


Complete list of genes

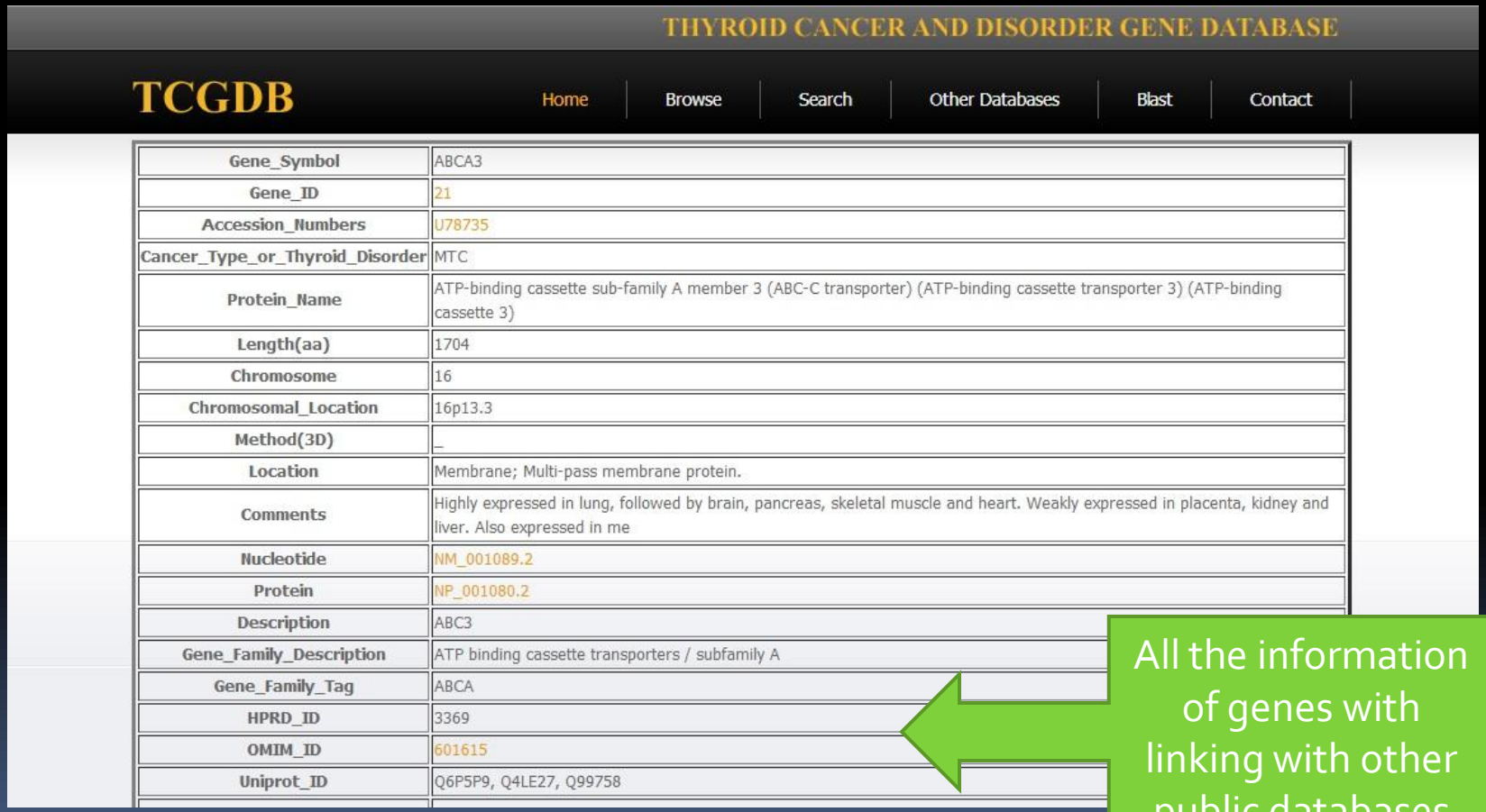
Search gene alphabetically

Search Gene by cancer type

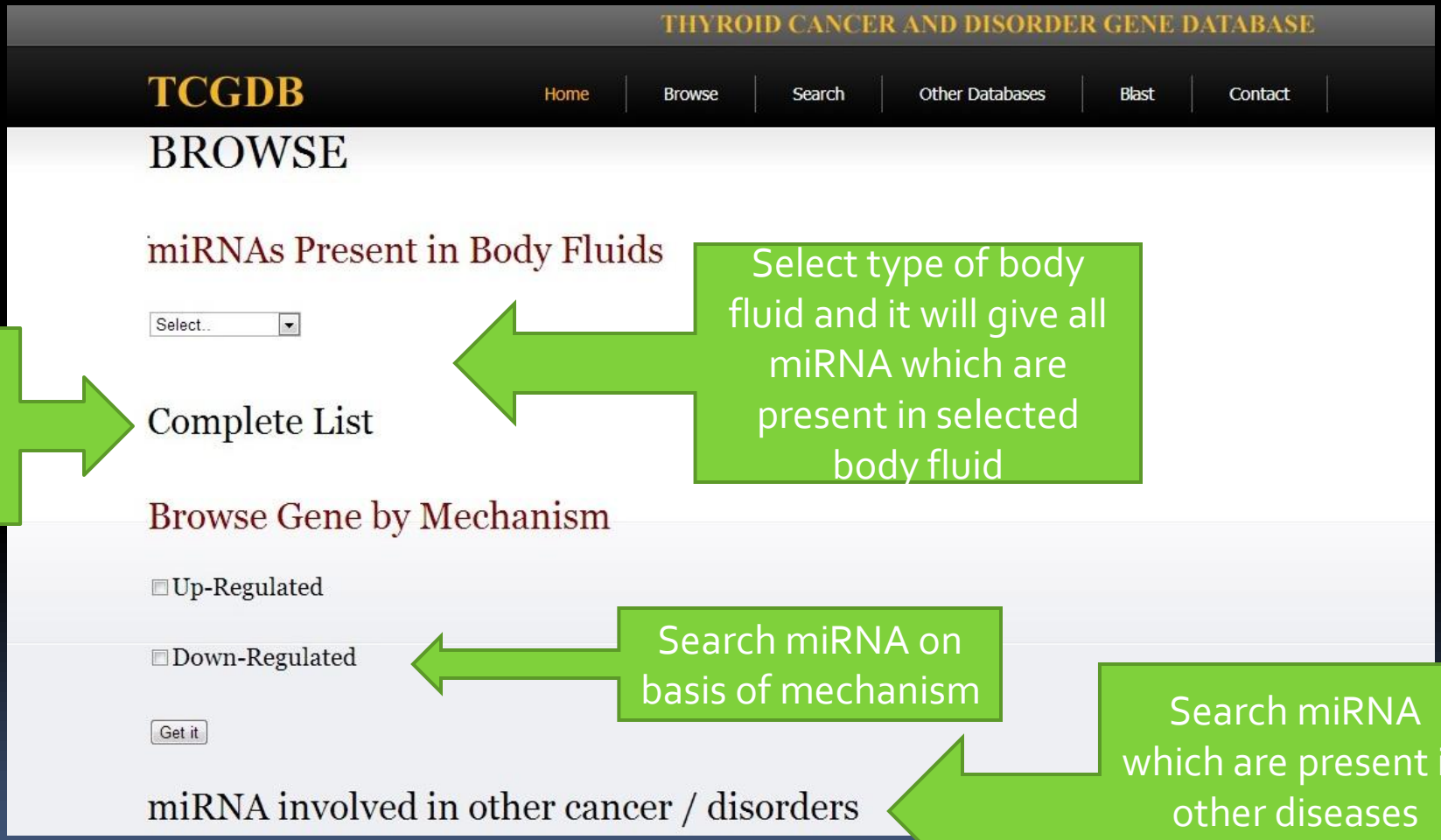
Result of Cancer Type Browsing



Complete Information about gene involved in particular type of cancer



miRNA Browse Page Options



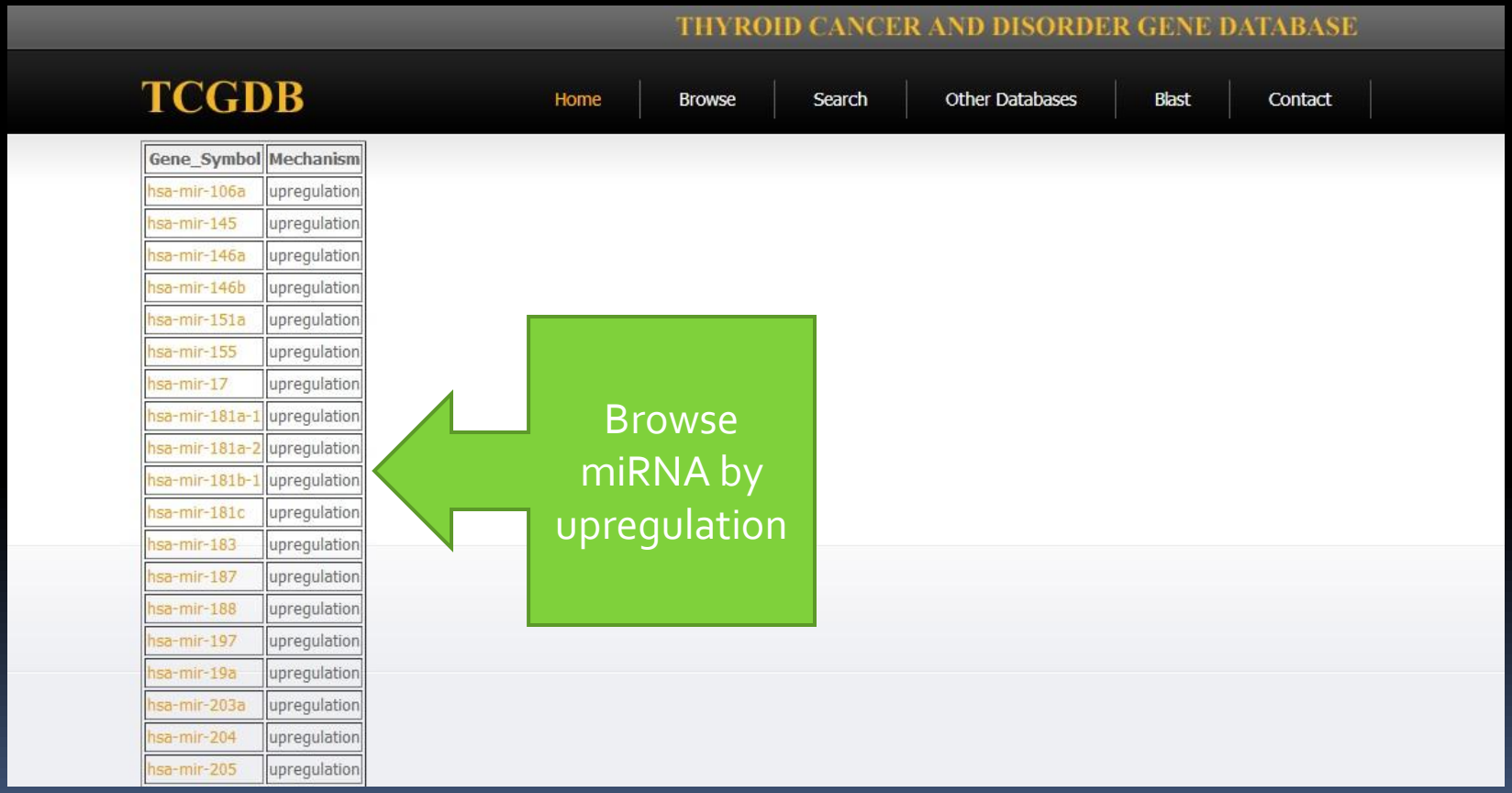
Complete list of miRNA

Select type of body fluid and it will give all miRNA which are present in selected body fluid

Search miRNA on basis of mechanism

Search miRNA which are present in other diseases (for comparative analysis)

Result of Mechanism Based Browsing



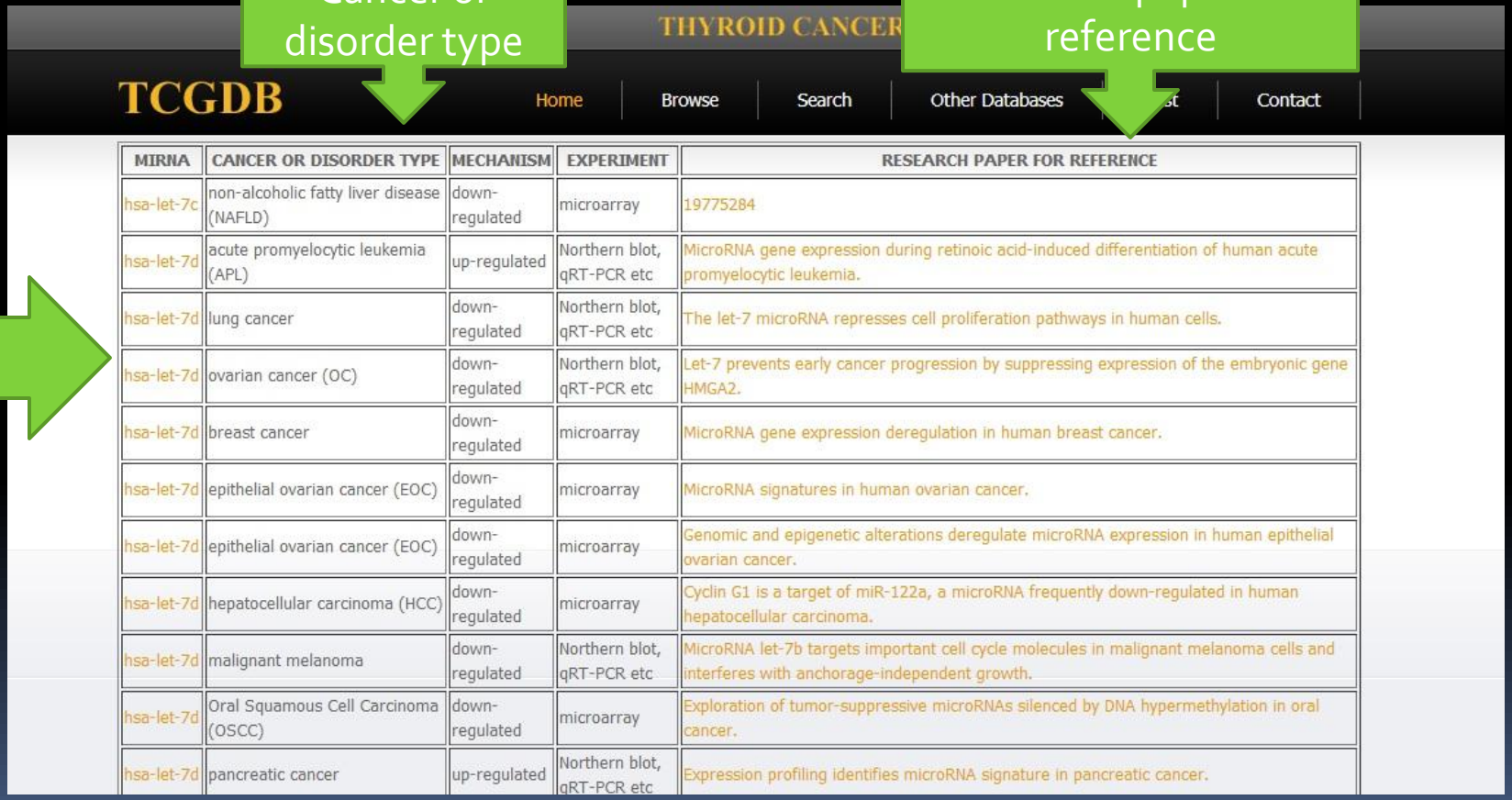
Gene_Symbol	Mechanism
hsa-mir-106a	upregulation
hsa-mir-145	upregulation
hsa-mir-146a	upregulation
hsa-mir-146b	upregulation
hsa-mir-151a	upregulation
hsa-mir-155	upregulation
hsa-mir-17	upregulation
hsa-mir-181a-1	upregulation
hsa-mir-181a-2	upregulation
hsa-mir-181b-1	upregulation
hsa-mir-181c	upregulation
hsa-mir-183	upregulation
hsa-mir-187	upregulation
hsa-mir-188	upregulation
hsa-mir-197	upregulation
hsa-mir-19a	upregulation
hsa-mir-203a	upregulation
hsa-mir-204	upregulation
hsa-mir-205	upregulation

List of miRNA involved in other cancers and diseases

Cancer or disorder type

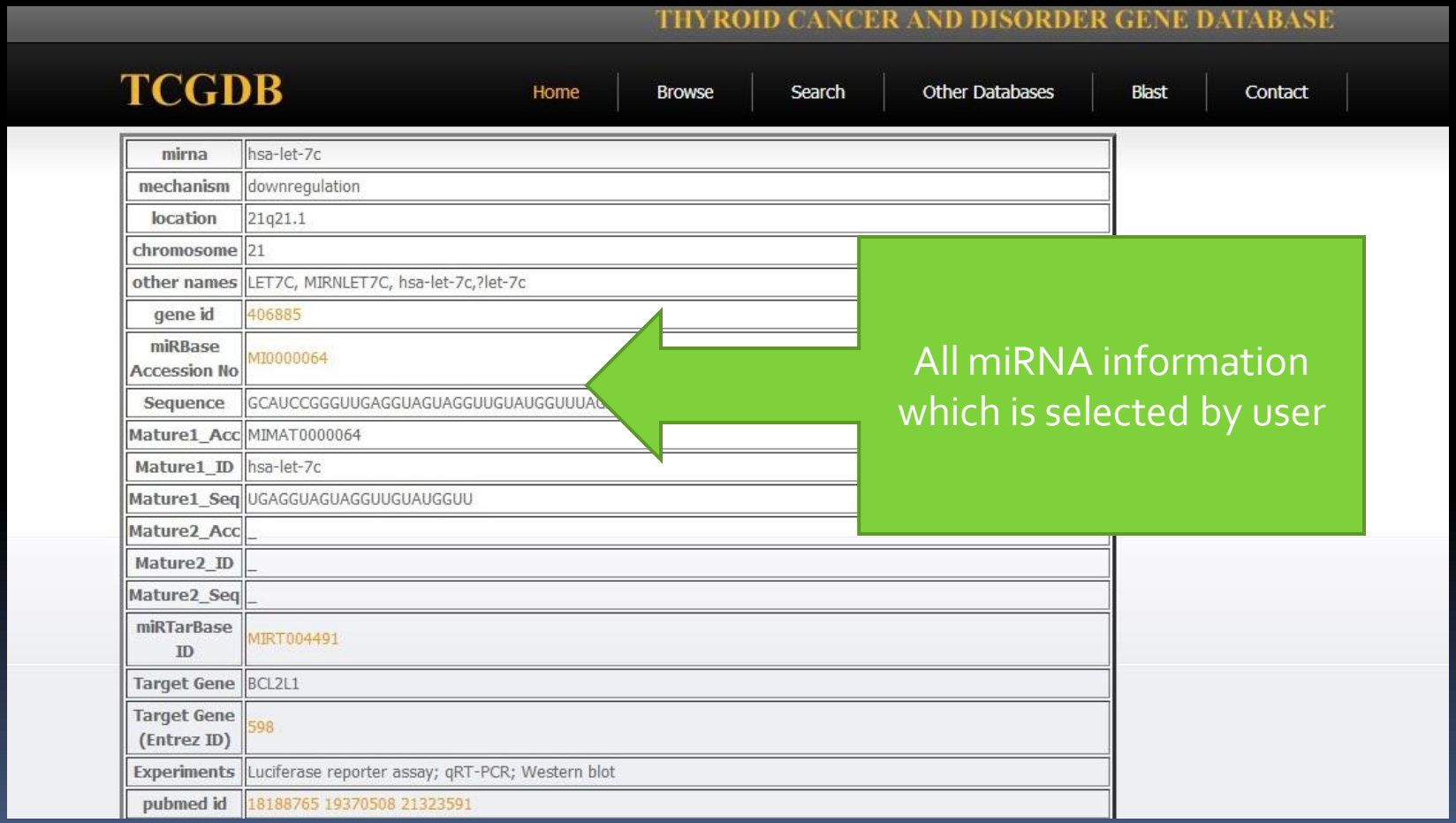
Research paper for reference

miRNA involved in other cancer or diseases

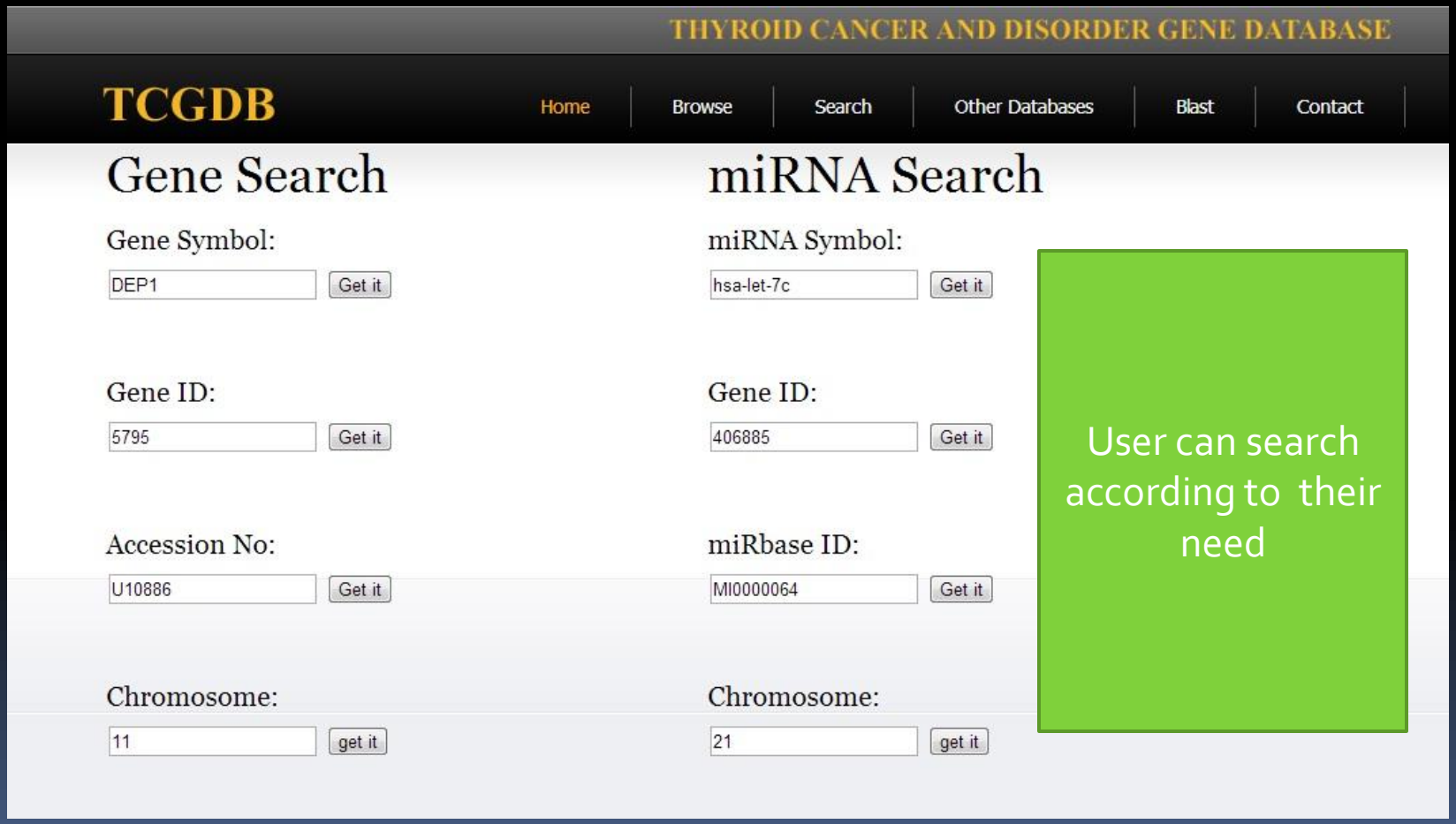


MIRNA	CANCER OR DISORDER TYPE	MECHANISM	EXPERIMENT	RESEARCH PAPER FOR REFERENCE
hsa-let-7c	non-alcoholic fatty liver disease (NAFLD)	down-regulated	microarray	19775284
hsa-let-7d	acute promyelocytic leukemia (APL)	up-regulated	Northern blot, qRT-PCR etc	MicroRNA gene expression during retinoic acid-induced differentiation of human acute promyelocytic leukemia.
hsa-let-7d	lung cancer	down-regulated	Northern blot, qRT-PCR etc	The let-7 microRNA represses cell proliferation pathways in human cells.
hsa-let-7d	ovarian cancer (OC)	down-regulated	Northern blot, qRT-PCR etc	Let-7 prevents early cancer progression by suppressing expression of the embryonic gene HMGA2.
hsa-let-7d	breast cancer	down-regulated	microarray	MicroRNA gene expression deregulation in human breast cancer.
hsa-let-7d	epithelial ovarian cancer (EOC)	down-regulated	microarray	MicroRNA signatures in human ovarian cancer.
hsa-let-7d	epithelial ovarian cancer (EOC)	down-regulated	microarray	Genomic and epigenetic alterations deregulate microRNA expression in human epithelial ovarian cancer.
hsa-let-7d	hepatocellular carcinoma (HCC)	down-regulated	microarray	Cyclin G1 is a target of miR-122a, a microRNA frequently down-regulated in human hepatocellular carcinoma.
hsa-let-7d	malignant melanoma	down-regulated	Northern blot, qRT-PCR etc	MicroRNA let-7b targets important cell cycle molecules in malignant melanoma cells and interferes with anchorage-independent growth.
hsa-let-7d	Oral Squamous Cell Carcinoma (OSCC)	down-regulated	microarray	Exploration of tumor-suppressive microRNAs silenced by DNA hypermethylation in oral cancer.
hsa-let-7d	pancreatic cancer	up-regulated	Northern blot, qRT-PCR etc	Expression profiling identifies microRNA signature in pancreatic cancer.

Complete Information of Selected miRNA



Search Page


THYROID CANCER AND DISORDER GENE DATABASE
TCGDB
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Search
Other Databases
Blast
Contact
Gene Search
Gene Symbol:
DEP1
Get it
Gene ID:
5795
Get it
Accession No:
U10886
Get it
Chromosome:
11
get it
miRNA Search
miRNA Symbol:
hsa-let-7c
Get it
Gene ID:
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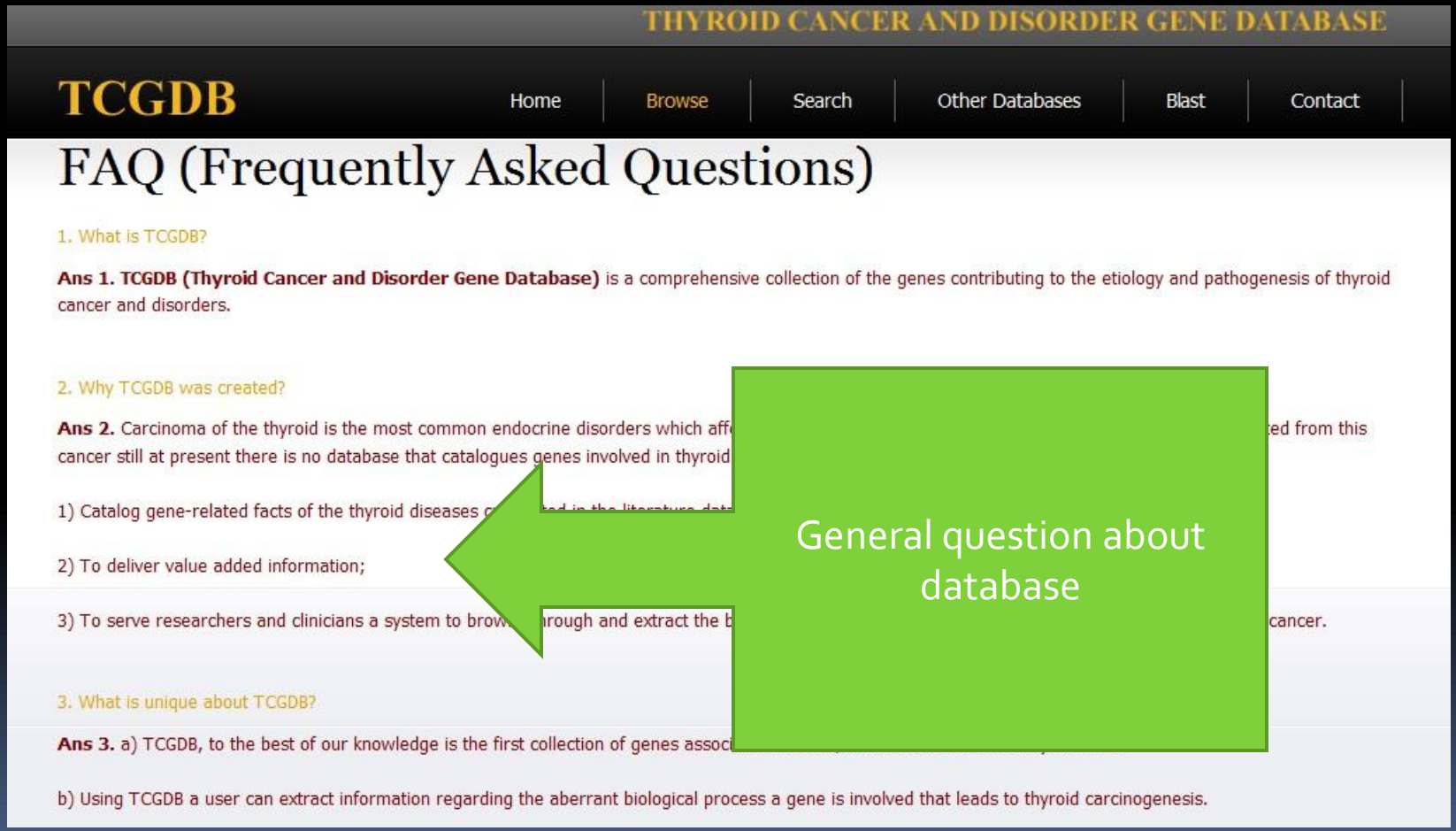
Get it
miRbase ID:
MI0000064
Get it
Chromosome:
21
get it
User can search according to their need

FAQ related to TCGDB



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