

SUPPLEMENTARY TABLES

Supplementary Table 1. PubMed search strategy.

Recent queries in Pubmed		
Search	Query	Items found
#10	Search ((((((Testicular Germ Cell Tumors[Title/Abstract]) OR Testicular Germ Cell Tumor[Title/Abstract])) OR (“Germinoma”[Mesh]) OR Germinomas)) OR (“Testicular Neoplasms”[Mesh]) OR ((Neoplasm, Testicular[Title/Abstract]) OR Testicular Neoplasm[Title/Abstract]) OR Testicular Tumors[Title/Abstract]) OR Testis Neoplasms[Title/Abstract]) OR Neoplasms, Testicular[Title/Abstract]) OR Neoplasms, Testis[Title/Abstract]) OR Neoplasm, Testis[Title/Abstract]) OR Testis Neoplasm[Title/Abstract]) OR Tumor of Rete Testis[Title/Abstract]) OR Rete Testis Tumor[Title/Abstract]) OR Rete Testis Tumors[Title/Abstract]) OR Testis Tumor, Rete[Title/Abstract]) OR Testis Tumors, Rete[Title/Abstract]) OR Cancer of Testis[Title/Abstract]) OR Testis Cancers[Title/Abstract]) OR Testis Cancer[Title/Abstract]) OR Cancer, Testis[Title/Abstract]) OR Cancers, Testis[Title/Abstract]) OR Cancer of the Testes[Title/Abstract]) OR Cancer of the Testis[Title/Abstract]) OR Testicular Cancer[Title/Abstract]) OR Cancer, Testicular[Title/Abstract]) OR Cancers, Testicular[Title/Abstract]) OR Testicular Cancers[Title/Abstract]))) AND (“MicroRNAs”[Mesh]) OR (((((((((((((((MicroRNA[Title/Abstract]) OR miRNAs[Title/Abstract]) OR Micro RNA[Title/Abstract]) OR RNA, Micro[Title/Abstract]) OR miRNA[Title/Abstract]) OR Primary MicroRNA[Title/Abstract]) OR MicroRNA, Primary[Title/Abstract]) OR Primary miRNA[Title/Abstract]) OR miRNA, Primary[Title/Abstract]) OR pri-miRNA[Title/Abstract]) OR pri miRNA[Title/Abstract]) OR RNA, Small Temporal[Title/Abstract]) OR Temporal RNA, Small[Title/Abstract]) OR stRNA[Title/Abstract]) OR Small Temporal RNA[Title/Abstract]) OR pre-miRNA[Title/Abstract]) OR pre miRNA[Title/Abstract]))	226
#9	Search (((((Testicular Germ Cell Tumors[Title/Abstract]) OR Testicular Germ Cell Tumor[Title/Abstract])) OR (“Germinoma”[Mesh]) OR Germinomas)) OR (“Testicular Neoplasms”[Mesh]) OR ((Neoplasm, Testicular[Title/Abstract]) OR Testicular Neoplasm[Title/Abstract]) OR Testicular Tumors[Title/Abstract]) OR Testis Neoplasms[Title/Abstract]) OR Neoplasms, Testicular[Title/Abstract]) OR Neoplasms, Testis[Title/Abstract]) OR Neoplasm, Testis[Title/Abstract]) OR Testis Neoplasm[Title/Abstract]) OR Tumor of Rete Testis[Title/Abstract]) OR Rete Testis Tumor[Title/Abstract]) OR Rete Testis Tumors[Title/Abstract]) OR Testis Tumor, Rete[Title/Abstract]) OR Testis Tumors, Rete[Title/Abstract]) OR Cancer of Testis[Title/Abstract]) OR Testis Cancers[Title/Abstract]) OR Testis Cancer[Title/Abstract]) OR Cancer, Testis[Title/Abstract]) OR Cancers, Testis[Title/Abstract]) OR Cancer of the Testes[Title/Abstract]) OR Cancer of the Testis[Title/Abstract]) OR Testicular Cancer[Title/Abstract]) OR Cancer, Testicular[Title/Abstract]) OR Cancers, Testicular[Title/Abstract]) OR Testicular Cancers[Title/Abstract]))	38313
#8	Search (Testicular Germ Cell Tumors[Title/Abstract]) OR Testicular Germ Cell Tumor[Title/Abstract]	1981
#7	Search (“Germinoma”[Mesh]) OR Germinomas[Title/Abstract]	11464
#6	Search (“Testicular Neoplasms”[Mesh]) OR ((Neoplasm, Testicular[Title/Abstract]) OR Testicular Neoplasm[Title/Abstract]) OR Testicular Tumors[Title/Abstract]) OR Testis Neoplasms[Title/Abstract]) OR Neoplasms, Testicular[Title/Abstract]) OR Neoplasms, Testis[Title/Abstract]) OR Neoplasm, Testis[Title/Abstract]) OR Testis Neoplasm[Title/Abstract]) OR Tumor of Rete Testis[Title/Abstract]) OR Rete Testis Tumor[Title/Abstract]) OR Rete Testis Tumors[Title/Abstract]) OR Testis Tumor, Rete[Title/Abstract]) OR Testis Tumors, Rete[Title/Abstract]) OR Cancer of Testis[Title/Abstract]) OR Testis Cancers[Title/Abstract]) OR Testis Cancer[Title/Abstract]) OR Cancer, Testis[Title/Abstract]) OR Cancers, Testis[Title/Abstract]) OR Cancer of the Testes[Title/Abstract]) OR Cancer of the Testis[Title/Abstract]) OR Testicular Cancer[Title/Abstract]) OR Cancer, Testicular[Title/Abstract]) OR Cancers, Testicular[Title/Abstract]) OR Testicular Cancers[Title/Abstract])	33543

#5	Search (Neoplasm, Testicular[Title/Abstract]) OR Testicular Neoplasm[Title/Abstract]) OR Testicular Tumors[Title/Abstract]) OR Testis Neoplasms[Title/Abstract]) OR Neoplasms, Testicular[Title/Abstract]) OR Neoplasms, Testis[Title/Abstract]) OR Neoplasm, Testis[Title/Abstract]) OR Testis Neoplasm[Title/Abstract]) OR Tumor of Rete Testis[Title/Abstract]) OR Rete Testis Tumor[Title/Abstract]) OR Rete Testis Tumors[Title/Abstract]) OR Testis Tumor, Rete[Title/Abstract]) OR Testis Tumors, Rete[Title/Abstract]) OR Cancer of Testis[Title/Abstract]) OR Testis Cancers[Title/Abstract]) OR Testis Cancer[Title/Abstract]) OR Cancer, Testis[Title/Abstract]) OR Cancers, Testis[Title/Abstract]) OR Cancer of the Testes[Title/Abstract]) OR Cancer of the Testis[Title/Abstract]) OR Testicular Cancer[Title/Abstract]) OR Cancer, Testicular[Title/Abstract]) OR Cancers, Testicular[Title/Abstract]) OR Testicular Cancers[Title/Abstract]	19867
#4	Search “Testicular Neoplasms”[Mesh]	26102
#3	Search (((((((((((((((MicroRNA[Title/Abstract]) OR miRNAs[Title/Abstract]) OR Micro RNA[Title/Abstract]) OR RNA, Micro[Title/Abstract]) OR miRNA[Title/Abstract]) OR Primary MicroRNA[Title/Abstract]) OR MicroRNA, Primary[Title/Abstract]) OR Primary miRNA[Title/Abstract]) OR miRNA, Primary[Title/Abstract]) OR pri-miRNA[Title/Abstract]) OR pri miRNA[Title/Abstract]) OR RNA, Small Temporal[Title/Abstract]) OR Temporal RNA, Small[Title/Abstract]) OR stRNA[Title/Abstract]) OR Small Temporal RNA[Title/Abstract]) OR pre-miRNA[Title/Abstract]) OR pre miRNA[Title/Abstract])) OR “MicroRNAs”[Mesh]	114452
#2	Search (((((((((((((((MicroRNA[Title/Abstract]) OR miRNAs[Title/Abstract]) OR Micro RNA[Title/Abstract]) OR RNA, Micro[Title/Abstract]) OR miRNA[Title/Abstract]) OR Primary MicroRNA[Title/Abstract]) OR MicroRNA, Primary[Title/Abstract]) OR Primary miRNA[Title/Abstract]) OR miRNA, Primary[Title/Abstract]) OR pri-miRNA[Title/Abstract]) OR pri miRNA[Title/Abstract]) OR RNA, Small Temporal[Title/Abstract]) OR Temporal RNA, Small[Title/Abstract]) OR stRNA[Title/Abstract]) OR Small Temporal RNA[Title/Abstract]) OR pre-miRNA[Title/Abstract]) OR pre miRNA[Title/Abstract]	97747
#1	Search “MicroRNAs”[Mesh]	83737

Supplementary Table 2. Meta-regression of sensitivity and specificity.

Independent variable	Sensitivity	<i>P</i>	Specificity	<i>P</i>
	(95% CI)		(95% CI)	
Design type	-0.08 (-0.31, 0.15)	0.455	0.13 (-0.02, 0.29)	0.075
Specimen type	0.00 (-0.22, 0.22)	0.993	0.05 (-0.12, 0.23)	0.514
Controls	-0.09 (-0.28, 0.10)	0.333	-0.11 (-0.25, 0.03)	0.106
miRNA type	-0.23 (-0.44, -0.02)	0.035	-0.07 (-0.20, 0.07)	0.289
miRNA number	0.83 (-0.11, 0.28)	0.383	-0.20 (-0.35, -0.05)	0.015