

Table S2 – Prediction algorithms and databases available in miRSystem

Source	Version ^a	Original Records	Mappable Number ^b
DIANA-microT	10	1,450,653	1,413,583
miRanda	11	927,867	910,940
mirBridge^c	10	41,382	41,382
PicTar^d	9.1	69,642	59,479
PITA	11	209,579	206,474
rna22	8	296,518	219,395
TargetScan^e	16	110,284	110,284
TarBase and miRecords^f	6-16	1,661	1,575

^aThe version mapped to miRBase.

^bNumber of mappable records in miRBase version 17.

^cThe records of miRBridge were collected from the supplementary data.

^dThe information about PicTar was obtained from UCSC Genome Browser.

^eFamilies IDs were converted to single miRNA IDs to get complete miRNA-gene matching data.

^fMerged together as experimentally validated datasets.