

CORRECTION

# Correction: MicroRNAs Are Involved in the Regulation of Ovary Development in the Pathogenic Blood Fluke *Schistosoma japonicum*

The *PLOS Pathogens* Staff

In the “miRNA:mRNA duplex” column of Table 2, the spaces between RNA sequences were removed during typesetting. The publisher apologizes for the error. Table 2 is presented here as [Fig 1](#) for improved readability and to preserve the intended formatting. The original source file for Table 2 is also provided here as [S1 File](#).



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miRNAs	Target gene IDs	Name of target genes	MiRNA:mRNA duplex*	Mfe (kcal/mol)	Validated#
Bantam	AY223092.1	Serine-arginine repressor	Target 5' U CUUU A U 3' GGCU AUC CGAUCUCG UCGA UAG GCUAGAGU miRNA 3' AAU C 5'	-22.5	By miRNA suppression
	FN323394.1	FUS-interacting serine-arginine-rich protein 1	Target 5' G UU A U 3' GGUUUU AUC CGAUCUCG UCGAAA UAG GCUAGAGU miRNA 3' U C 5'	-22.6	By luciferase assay/ miRNA suppression
	AY815078.1	Smad1	Target 5' U UG C 3' GGC UUGAUCGUG CUUA UCG AAUUAGCGC GAGU miRNA 3' A UA 5'	-19.9	By miRNA suppression
Let-7	FN314191.1	Ribosomal protein S6 kinase 2	Target 5' A C U A 3' CAU CAAC GAACUACCUC GUG GUUG CUUGAUGGAG miRNA 3'UG U G5'	-28.6	By luciferase assay
miR-2a	FN321618.1	Plasminogen activator inhibitor 1	Target 5' A AG CUGAAU C3' GUUCA GA UUGGCUGUG CAAGU UU GACCGACAC miRNA 3'G AG AU U5'	-24.7	By luciferase assay
miR-31	EU370927	Frizz7	Target 5' G G G 3' UCGUCGUGGUU UUGU AGCGGCAUUAG AACG miRNA 3' UCGA GU5'	-22.0	By luciferase assay
	FN319623.1	O-glycosyltransferase	Target 5'U C 3' GCUUU UUGUAAUCUUGCC CGAAG GGCAUUAGAACGG miRNA 3' U C U5'	-28	By miRNA suppression
miR-1989	FN317226	Asparagine-rich protein	Target 5' A U AUA UA U 3' C AAGA GUGA ACACAGUUGA G UUCU UACU UGUGUCGACU miRNA 3' A C G 5'	-26.4	By luciferase assay
miR-8	FN313640	Integral membrane protein GPR177	Target 5' U AC UUAUUU G3' GCAUUUU UACCUA AUAGUA CGUAGAA AUGGAU UGUCAU miRNA 3' C AAU5'	-22.3	By luciferase assay
	DQ643829.2	Wnt	Target 5' C A 3' GGCAUC ACC GC GUAUUA CCGUAG UGG UG CAUAAU miRNA 3' AAA AU U 5'	-20.8	By luciferase assay
miR-3479	FJ753578.1	Transforming growth factor receptor II	Target 5' A U ACUUA U3' CGA GC UAAGUGCAAUA GUU CG AUUCACGUUAU miRNA 3' C CUUCC 5'	-20.3	By luciferase assay

**Fig 1. Validated target genes for *S. japonicum* miRNAs.** \*miRNA:mRNA pair analysis was performed using RNAhybrid (<http://bibiserv.techfak.uni-bielefeld.de/mahybrid/>) #luciferase assay = miRNA mimics down-regulate target mRNA sequences in mammalian cells; miRNA suppression = transfection of antisense miRNA sequences into schistosomes leads to increases in target mRNAs

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## Supporting Information

**S1 File. Original Table 2.**  
(DOCX)

## Reference

1. Zhu L, Zhao J, Wang J, Hu C, Peng J, Luo R, et al. (2016) MicroRNAs Are Involved in the Regulation of Ovary Development in the Pathogenic Blood Fluke *Schistosoma japonicum*. PLoS Pathog 12(2): e1005423. doi:[10.1371/journal.ppat.1005423](https://doi.org/10.1371/journal.ppat.1005423) PMID: [26871705](https://pubmed.ncbi.nlm.nih.gov/26871705/)