

Supplementary Table S1 Number of residents and water buffaloes participated in the sampling in Leyte and Oriental Mindoro provinces

Leyte province	Municipality (n=6)	Number of residents/animals participated in the sampling	<i>S. japonicum</i> egg positive	Prevalence (%)
Residents	Tabontabon	42	3	7.1
Residents	Palo	118	6	5.1
Residents	Dulag	115	5	4.3
Residents	Dagami	46	4	8.7
Residents	Tanauan	182	12	6.6
Water buffaloes	Carigara	15	2	13.3
Total		503/15 ^a	30/2 ^a	6.4 ^b
Oriental Mindoro province	Municipality (n=2)	Number of residents/animals participated in the sampling	<i>S. japonicum</i> egg positive	Prevalence (%)
Residents	Socorro	95	6	6.3
Residents	Pola	128	5 + 1 ^c	3.9
Water buffaloes	Pola	55	2	3.6
Total		223/55 ^a	11/2 ^a	5.1 ^b

^a Numbers for residents/water buffaloes; ^b Average of prevalence for residents; ^c one positive sample in Pola was provided from a separate study.

Supplementary Table S2 Positivity rate of *Schistosoma japonicum* and other helminths in the sampling for residents in Leyte and Oriental Mindoro provinces

Leyte Province

Parasites	Tabontabon (42) ^a	Palo (118)	Dulag (115)	Dagami (46)	Tanauan (182)
<i>Schistosoma japonicum</i>	3 (7.1%)	6 (5.1%)	5 (4.3%)	4 (8.7%)	12 (6.6%)
<i>Ascaris lumbricoides</i>	9 (21.4%)	14 (11.9%)	0 (0.0%)	12 (26.1%)	5 (2.7%)
<i>Trichuris trichiura</i>	7 (16.7%)	16 (13.6%)	0 (0.0%)	14 (30.4%)	14 (7.7%)
Hookworm	4 (9.5%)	9 (7.6%)	0(0.0%)	0 (0.0%)	7 (3.8%)
Other parasites	0 (0.0%)	1 ^b (0.8%)	0 (0.0%)	0 (0.0%)	0 (0.0%)

a Municipality (number of participated residents); *b* *Heterophyid* sp.

Oriental Mindoro Province

Parasites	Socorro (95) ^a	Pola (128)
<i>Schistosoma japonicum</i>	5 (3.9%)	6 (6.3%)
<i>Ascaris lumbricoides</i>	6 (4.7%)	11 (11.6%)
<i>Trichuris trichiura</i>	6 (4.7%)	7 (7.4%)
Hookworm	5 (3.9%)	11 (11.6%)
Other parasites	0 (0.0%)	3 ^b (3.2%)

a Municipality (number of participated residents); *b* *Heterophyid* sp.

Supplementary Table S3 List of primers for the microsatellite markers [16, 17]

No.	Locus	Primer sequences	Size (bp)	Repeat motif	Annealing temp. (°C)
1	M5A	F: GTCCAACCTTATTTGACACATTC R: AGCATTTTATATTCTGTCATCCCG	279–338	GT	57
2	RRPS	F: CACATTAAGTCGTGGATTGGC R: CGAGGTCAGGGTCAATT	331–338	CA	56
3	SjP1	F: TGAGCACAACGTATATCCCAAA R: TGGGCAGACATACCAGGTTTC	229–290	CA	55
4	SjP2	F: ATCAATACCGTTCCCAGTGTTT R: CCCACGGTGAATTCTTCATT	202–337	TAA	54
5	SjP4	F: ACAAGCTCCAATCGTCTCTGA R: GAATACTGCCGCCCTTGTA	133–310	TAA	61
6	SjP5	F: TGGTGCAAAAATTAACCAACG R: TTCGATAGTACTGCGTCAATCTG	202–300	TAA	55
7	SjP6	F: CGCTATTTATTACTCGGCGTTC R: CGGTCACCAACTCCAAGAAG	200–308	TAA	57
8	SjP7	F: ACAAGCTCCAATCGTCTCTGA R: GAATACTGCCGCCCTTGTA	117–243	TAA	56
9	SjP9	F: GATGAAACAGATACCCAGCAC R: TGCATGTAAAAATGGCTTGC	147–338	TAA	55
10	SjP10	F: TTTGTGCCATGTTGTGTACG R: ACCGGGCTGAGTTTCATCAT	203–313	TAA	59
11	SjP14	F: CGCTATTTATTACTCGGCGTTC R: CGGTCACCAACTCCAAGAAG	183–309	TAA	56