

Table S1. *P. canaliculata* and *P. maculata* sampling location used in this study

Locality	Code	Latitude	Longitude	Number of snails used for the artificial-digestion method		Number of snails used for genetic analysis		Haplotype	
				<i>P. canaliculata</i>	<i>P. maculata</i>	<i>P. canaliculata</i>	<i>P. maculata</i>	<i>P. canaliculata</i>	<i>P. maculata</i>
Uttaradit	UTT	17.6200	100.0992	59*	-	2	-	Pc1	-
Chiang Rai	CRI	19.9071	99.8309	-	30	-	2	-	Pm20
Nakhon Pathom	NPT	13.8199	100.0621	4	2	1	1	Pc1	Pm23
Suphan Buri	SPB	14.4744	100.1177	26	-	2	-	Pc1	-
Phichit	PCT	16.2740	100.3346	15	15	1	1	Pc1	Pm22
Samut Sakhon	SKN	13.5475	100.2743	10	8	2	1	Pc1, Pc2	Pm21
Phitsanulok	PLK	16.8211	100.2658	75	-	1	-	Pc1	-
Sukhothai	STI	17.0055	99.8263	30	-	1	-	Pc22	-
Chai Nat	CNT	15.1851	100.1251	-	5	-	2	-	Pm20, Pm24
Phetchabun	PNB	16.3016	101.1192	-	3	-	1	-	Pm25
Pathum Thani	PTE	14.0208	100.5250	-	50	-	2	-	Pm23
Loei	LEI	17.4860	101.7223	30	-	2	-	Pc1	-
Sakon Nakhon	SNK	17.1545	104.1348	11	-	3	-	Pc1	-
Khon Kaen	KKN	16.4419	102.8359	5	-	2	-	Pc1, Pc24	-
Buri Ram	BRM	14.9930	103.1029	10	5	1	1	Pc21	Pm20
Roi Et	RET	16.0538	103.6520	20	11	1	1	Pc23	Pm20
Udon Thani	UDN	17.4138	102.7872	-	22	-	2	-	Pm20
Chaiyaphum	CPM	15.8068	102.0315	-	30	-	2	-	Pm20
Nakhon Phanom	NPM	17.3920	104.7695	-	24	-	2	-	Pm21, Pm24

Table S1. (continued)

Locality	Code	Latitude	Longitude	Number of snails used for the artificial digestion method		Number of snails used for genetic analysis		Haplotype	
				<i>P. canaliculata</i>	<i>P. maculata</i>	<i>P. canaliculata</i>	<i>P. maculata</i>	<i>P. canaliculata</i>	<i>P. maculata</i>
Nakhon Ratchasima	NMA	14.9798	102.0977	-	18	-	2	-	Pm23
Ratchaburi	RBR	13.5282	99.8134	16	10	2	1	Pc1	Pm23
Phetchaburi	PBI	12.9649	99.6425	20	9	1	1	Pc25	Pm21
Chumphon	CPN	10.4930	99.1800	5	-	1	-	Pc1	-
Pattani	PTN	6.7618	101.3232	20	-	2	-	Pc2	-
Songkhla	SKA	7.1756	100.6143	30	-	2	-	Pc2	-
Total				386	242	27	22		

*One snail was positive with one *A. cantonensis* larva