

Table S2. List of organisms, abbreviations for gene names and accession numbers used in this study.

Organism	Abbreviation gene name	Accession number
<i>Schistosoma mansoni</i>	SmCD59.1	Smp_019350
	SmCD59.2	Smp_105220
	SmCD59.3	Smp_081900.2
	SmCD59.4	Smp_166340
	SmCD59.5	Smp_081920
	SmCD59.6	Smp_166350
	SmCD59.7	Smp_125250
<i>Schistosoma japonicum</i>	Sj1	AAW26563.1
	Sj2.1	AAW27735.1
	Sj2.2	CAX74555.1
	Sj2.3	CAX70150.1
	Sj3	AAW26917.1
	Sj4.1	CAX69649.1
	Sj4.2	CAX74000.1
	Sj4.3	CAX69837.1
	Sj6	CAX69697.1
<i>Schistosoma hematobium</i>	Sh1	Sha_106826 <sup>*</sup>
	Sh2	Sha_200489 <sup>*</sup>
	Sh3	Sha_200766 <sup>*</sup>
	Sh5	Sha_300533 <sup>*</sup>
	Sh6	Sha_109174 <sup>*</sup>
	Sh7	Sha_109175 <sup>*</sup>
<i>Clonorchis sinensis</i>	Cs-757	GAA51655.1
	Cs-8328	Cs_8328 <sup>**</sup>
	Cs-8627	Cs_8627 <sup>**</sup>
	Cs-110927	GAA56456.1
<i>Opisthorchis viverrini</i>	Ov-3995	OV1_c3995 <sup>**</sup>
	Ov-6738	Ov_Contig6738 <sup>**</sup>
	OV-8524	OV1_c8524 <sup>**</sup>
	Ov-31372	OV1_c31372 <sup>**</sup>
<i>Fasciola hepatica</i>	Fh-6273	Fh_Contig6273 <sup>**</sup>
<i>Fasciola gigantica</i>	Fg-15245	Contig15245 <sup>**</sup>
	Fg-20490	Contig20490 <sup>**</sup>
	Fg-25430	Contig25430 <sup>**</sup>
<i>Schmidtea mediterranea</i>	Smed	mk4.006032.00.01 <sup>***</sup>
<i>Equus caballus</i>	Ec-Ly6	XP_001496782.1
<i>Pan troglodytes</i>	Pa-Ly6	XP_002819547.1
<i>Macaca mulatta</i>	Mam-Ly6	NP_001028116.1
<i>Mus musculus</i>	Mm-Ly6	NP_035968.1
<i>Monodelphis domestica</i>	Md-Ly6	XP_001381791.2
<i>Ornithorhynchus anatinus</i>	Oa-Ly6	XP_001512986.1
<i>Homo sapiens</i>	Hs-Ly6	DAAH22806.1
<i>Saimiriine herpesvirus</i>	Sah-CD59	CAA73629.1
<i>Mus musculus</i>	Mm-CD59	NP_031678.1
<i>Rattus norvegicus</i>	Rn-CD59	NP_037057.1
<i>Pongo abelii</i>	Pa-CD59	NP_001126861.1
<i>Homo sapiens</i>	Hs-CD59	NP_000602.1

Databases: <sup>\*</sup><http://schistodb.net/schisto/>, <sup>\*\*</sup><http://bioinfosecnd.vet.unimelb.edu.au/> and <sup>\*\*\*</sup><http://smedgd.neuro.utah.edu/blast.php>