

Supplementary Data

Table S1. Ontologies/pathogens, diseases, medicinal plants and chemical compounds used in experiment.

Traits	ATOL*, AHOL**, OPL***, IPNI****, and ChEBI*****	
	References	
Parasite load traits	Parasite Oocysts (OPG)	Oocyst Stage
	Parasite Cysts	Cyst Stage
	Parasite Eggs (EPG)	Egg Stage
Parasite used	<i>Eimeria</i> spp.	AHOL_0004070
	<i>Balantiodides coli</i>	AHOL_0004016
	<i>Ascaris suum</i>	AHOL_0004179
	<i>Trichuris suis</i>	AHOL_0004186
	<i>Oesophagostomum</i> spp.	AHOL_0004181
	<i>Cryptosporidium</i> spp.	AHOL_0004175
Disease description	Ascariidiosis	AHOL_0005382
	Coccidiosis	AHOL_0005374
	Cryptosporidiosis	AHOL_0005377
Medicinal plants used	<i>Coriandrum sativum</i> L.	840760-1
	<i>Cucurbita pepo</i> L.	292416-1
Chemical compounds detected	Polyphenols (µg/mL)	26195
	Tocopherols (ng/mL)	135821
	Sterols (µg/mL)	15889

*Traits in reference to the ontology ATOL: <https://www.atol-o.com/en/atol-2/>; **Traits in reference to the ontology

AHOL: <https://www.atol-ontology.com/ahol/>; *** Ontology for Parasite Life cycle:

http://wiki.aiisc.ai/index.php/Ontology_for_Parasite_Life_Cycle; **** International Plant Names Index-IPNI

: <https://www.ipni.org/p/3>; ***** Chemical Entities of Biological Interest-ChEBI: <https://www.ebi.ac.uk/chebi/>.