

1 **Additional file 1. Table S1.** Reclassification score of head and wing of *Panstrongylus*
2 *chinai* and *Panstrongylus howardi*.

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Species	Head		Wings	
	Female	Male	Female	Male
<i>P. chinai</i>	77%	80%	66%	92%
<i>P. howardi</i>	73%	76%	93%	85%

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5 *P. Panstrongylus*

6 The sample sizes for heads and wings were the same, 18 *P. chinai* versus 15 *P. howardi* in
7 females, and 25 *P. chinai* versus 21 *P. howardi* in males. *P. chinai* was collected in the
8 Loja province of Ecuador, *P. howardi* is endemic to the Manabí province of Ecuador.

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