

## Supplementary material:

**Table 1:** Binding affinity of compounds against *WbGST* and *BmGST*

Compounds	Goldfitness Score		X-score (Kcal/mol)	
	<i>WbGST</i>	<i>BmGST</i>	<i>WbGST</i>	<i>BmGST</i>
Albendazole	48.76	47.87	-6.63	-6.8
Diethylcarbamazine	36.41	37.78	-6.22	-6.23
Butylated hydroxyanisole	33.90	32.92	-6.45	-6.93
Ethacrynic acid	55.57	53.89	-6.44	-6.58
Hexylglutathione	43.92	45.94	-6.88	-7.02