

Atomic Force Microscopy Reveals Morphological and Mechanical Properties of *Schistosoma mansoni* Tegument

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Supplementary Material

In addition to the results presented in the main manuscript, we have also analyzed *Schistosoma mansoni* (*S. mansoni*) treated with the antischistosomal drug praziquantel using AFM (PF-QNM mode), similar to our approach with AFA fixative. The supplementary material includes elastic modulus data for worms exposed to various concentrations of praziquantel, compared to control worms (Figure S1).

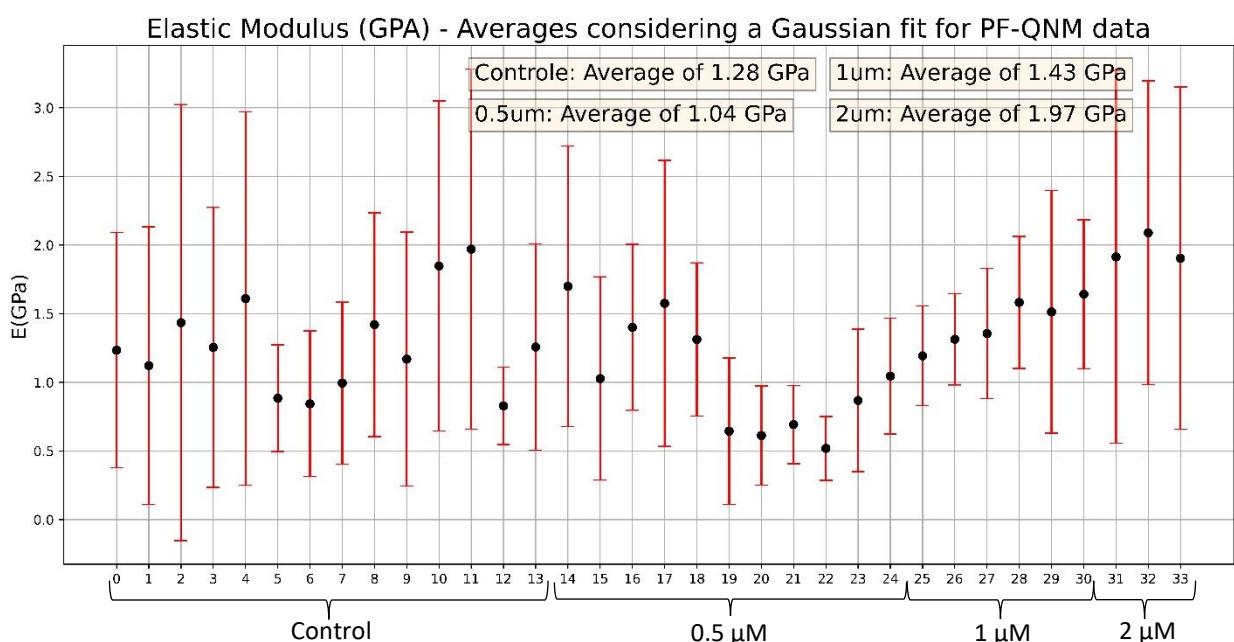


Figure S1. Average elastic modulus values obtained from PF-QNM force curves of *S. mansoni*, comparing control worms with those exposed to praziquantel at concentrations of 0.5, 1, and 2 μM .

The data in **Figure S1** indicate that the elastic modulus of *S. mansoni* increases with higher praziquantel concentrations. This observation supports the importance of measuring elastic modulus as a key parameter in assessing the impact of praziquantel treatment.