

Figure S1. Confocal Microscopy of drug-resistant *Giardia* trophozoites incubated without and with omeprazole 1 mM. Magnification 60 x

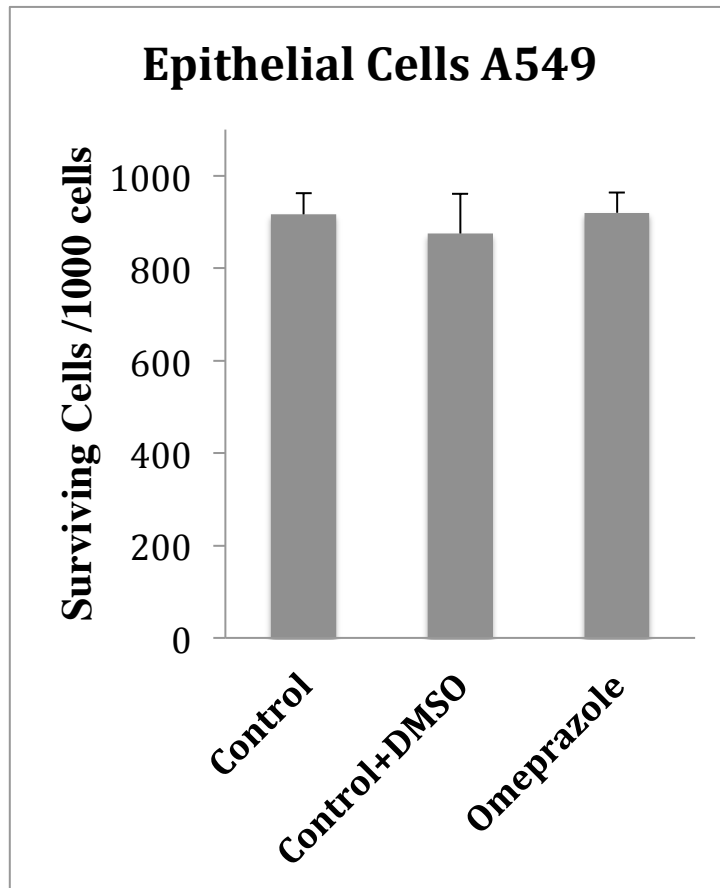
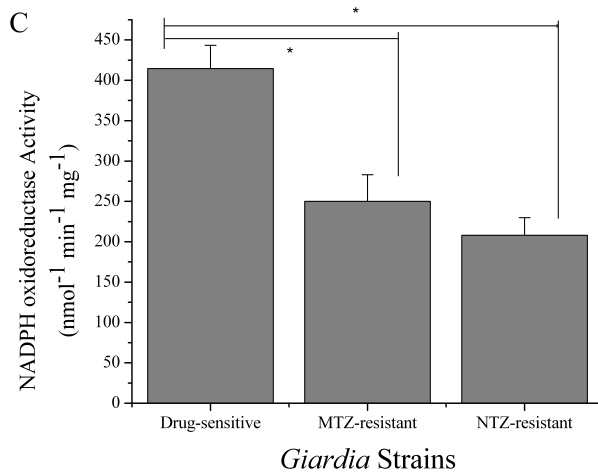
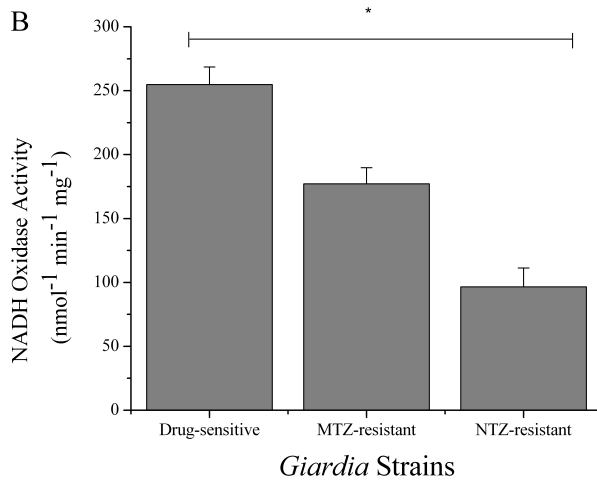
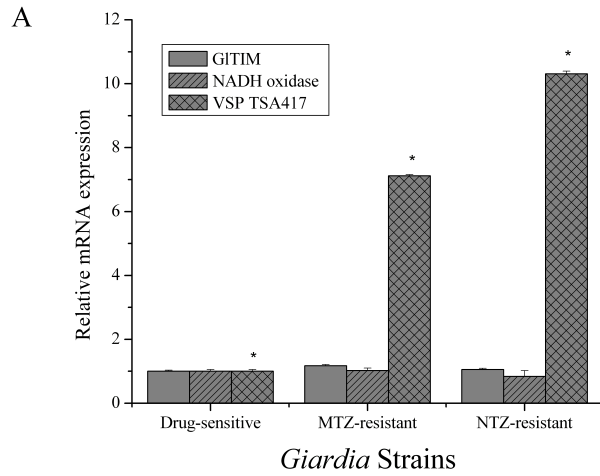


Figure S2. Incubation of human epithelial cells with 300 μ M omeprazole (\approx LD₅₀ of *Giardia* strains at 24 h) in the same conditions as *Giardia* trophozoite cultures.

Figure S3. Markers related to drug resistance.



A) Gen expression of GITIM, NADH oxidase and VSP TSA417, B) enzyme activity of NADH oxidase, and C) enzyme activity of NADPH oxidoreductase. (*) Statistical difference $p < 0.5$ among strains.