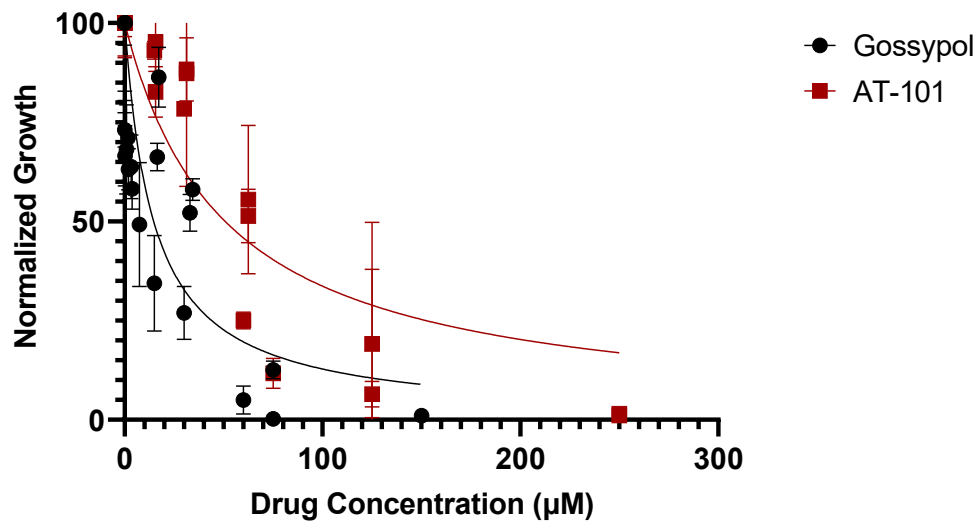


Comparison of AT-101 and Gossypol impacts on *Borrelia*



BbLDH	1	ML-----KSNKVVLIGAGGVGSSSFAYALTIDNSLVHELVIIDVNENKAKGEVMDLNHGQ
HsLDHA	1	MAQLIYNEPQNKITVVGVGAVGMACAISILM-KDLADELALVDVIEDKLGEMMDLQHGS
consensus	1	* ** . . * * . ** * . . . * ** . . ** * * * * . * * . **

BbLDH	55	MFLKKNINVLFGTYKDCANADIVVITAGLNQKPGETRLDLVDKNSKIFKDIITNVVSSGF
HsLDHA	60	LFLRTPKIVSGKDYNVNTANSKLVITAGARQQEGESRLNLVQRNVNIFKFIIPNVVKYSP
consensus	61	. ** . * * * * . * . * * * * * * * . * * * * * * * * *

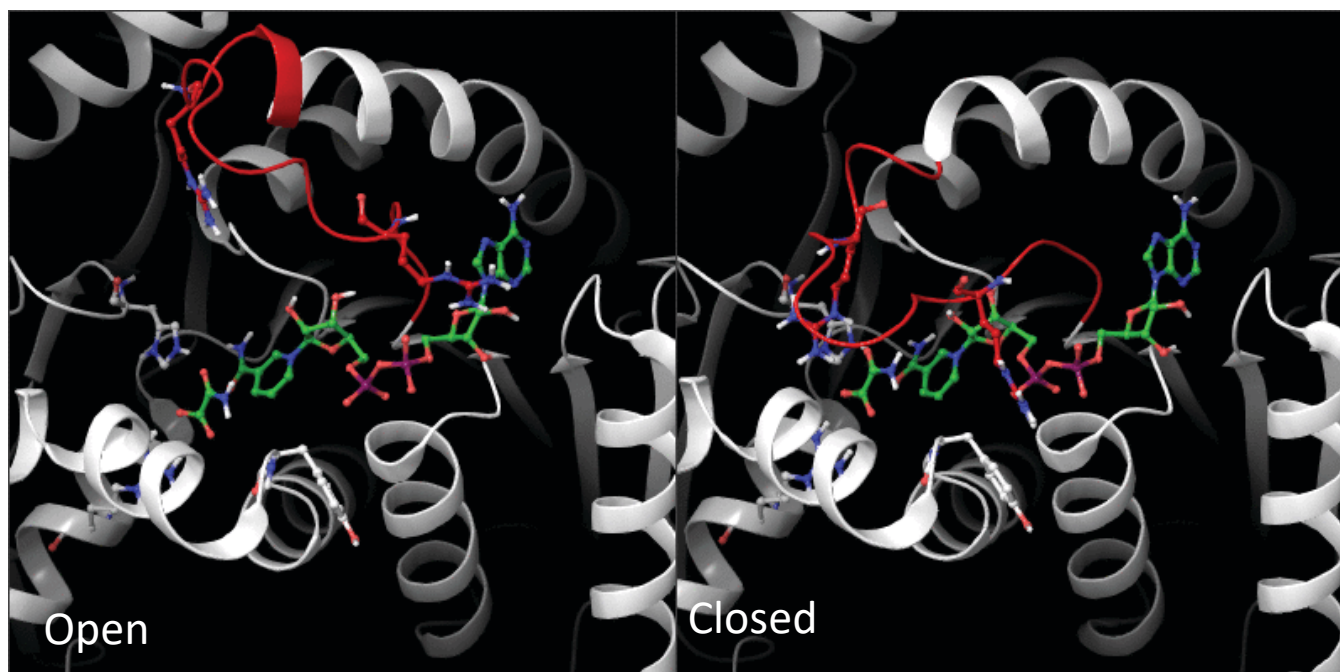
BbLDH	115	DGIFVVASNPVDIMTYVTMKYSKFPIHKVIGTGTILDTSLRLRYFLSDHFNVTQNIHSYI
HsLDHA	120	NCKLLIVSNPVDILTIVAWKISGFPKNRVIGSGCNLDSARFRYLMGERLGVHPLSCHGWV
consensus	121	. . * * * * * . * * * * * * * * . * * * * * . . . * * . .

BbLDH	175	MGEHGDSSFATWDETKI---AMKPLSEYLAEGKITELELDEIHKKVVNAAAYEVIKLGAT
HsLDHA	180	LGEHGDSSVPVWSGMNVAGVSLKTLHPDLGTDKDKE-QWKEVHKQVVESAYEVIKLGYT
consensus	181	. * * * * * * * * * * * * * . * * * * * * * * * * *

BbLDH	232	YYAIGLGIKNIVNAIIGDQNVILPISSYINGQYGGLIKDIYIGAPAIIVCKEGVKEVINFK
HsLDHA	239	SWAIGLSVADLAESIMKNLRRVHPVSTMIKGLYG- IKDDVFLSVPCILGQNGISDLVKVT
consensus	241	. * * * * . . * . . * * . * * * * . * * * * * * * . * . . .

BbLDH	292	ISPKELDKFNSSANQLKSYIDKMEF
HsLDHA	298	LTSEEEARLKKSADTLWGIQKELQF
consensus	301	. . * . * * * . * *

A. Morphologies of Open vs. Closed form LDH



B. Gossypol targets the Open form of LDH

