Identification of novel *in vitro* active Human Flap endonuclease 1 (FEN1) inhibitors using a machine learning based consensus virtual screening approach.

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Supplementary Figures and Tables:



Figure S1. Structure of five compounds selected for *in vitro* biological assays.



Figure S2: SDS-PAGE image of purified FEN1 protein used for experiments in the manuscript.



Figure S3: Concentration dependent inhibition of FEN1 by NSC13755

Table S1: Change in secondary structure of FEN1 in presence of JFD00950 as calculated fromCD experiments.

	% of secondary structures	
FEN1	α helix	β sheets
FEN1+JFD00950	70.28	3.62
(5µM)	38.06	16.35