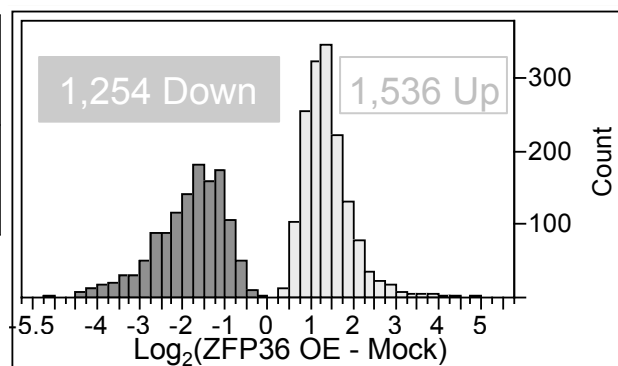
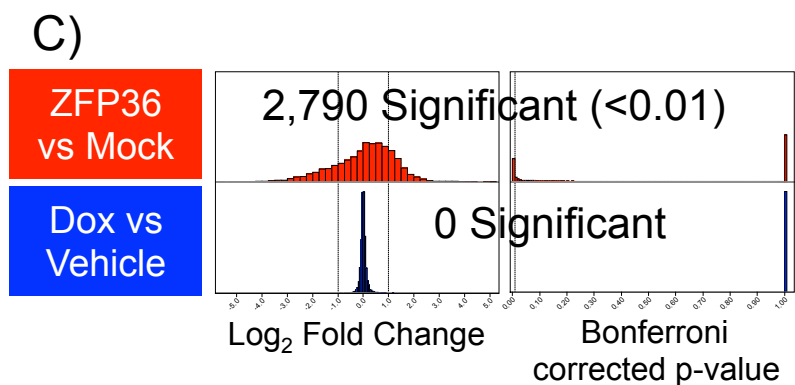
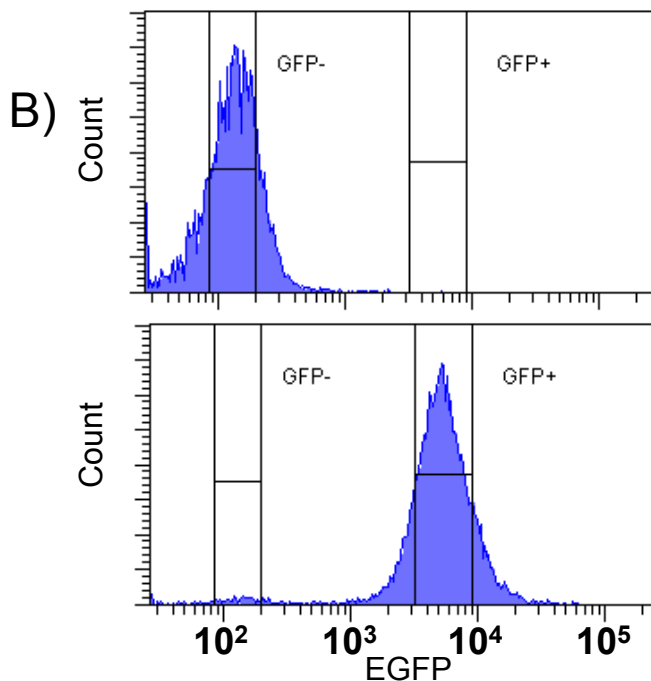
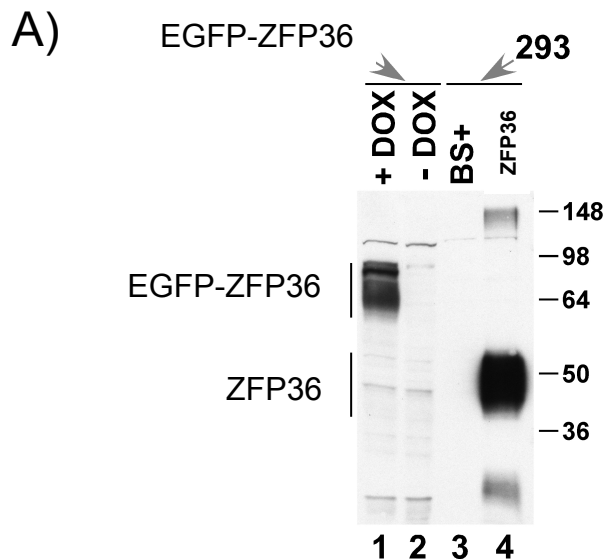
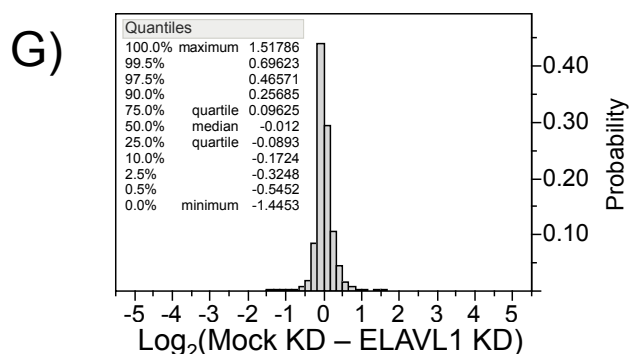
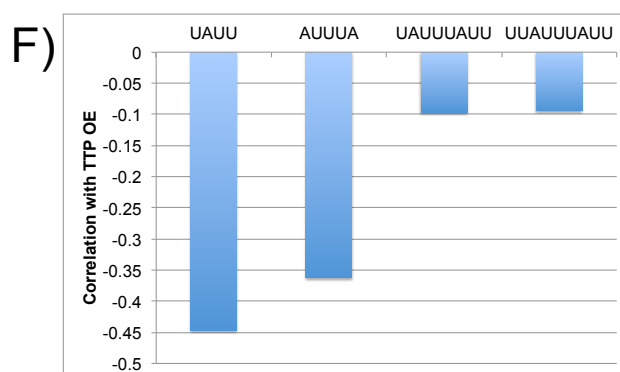


Supplemental Figure 2



E)

motif	regr_coef	p_val	no_of_genes	avg_LFCr
ATATTTA	-0.104	0	3187	-0.553
TATTTTA	-0.102	0	4108	-0.482
GTATTTA	-0.09	0	2381	-0.548
TATTATT	-0.072	1.85E-08	2593	-0.57
TAATATT	-0.07	0.007693	2446	-0.614
CTATTTA	-0.064	5.45E-10	1854	-0.482
TGATTTA	-0.062	5.99E-08	1972	-0.497
TATTAAT	-0.061	0	2126	-0.581
TTATGTA	-0.057	1.03E-05	2080	-0.551
TTAAGAT	-0.053	0.002227	1684	-0.529
GTAATTA	-0.048	0.0007705	1328	-0.541
TAATAT	-0.043	0.04274	1110	-0.624



I)

Category	Downregulated		Upregulated	
	#	%	#	%
ZFP36 Only	3	0.24%	4	0.26%
ELAVL1 Only	718	57.26%	485	31.58%
Both	314	25.04%	62	4.04%
ZFP36 UAUU	285	22.73%	59	3.84%
ZFP36 AUUUA	168	13.40%	33	2.15%
ZFP36 UAUUUUUU	36	2.87%	11	0.72%
ZFP36 UUAUUUUUUU	15	1.20%	3	0.20%
ELAVL1 UAUU	906	72.25%	306	19.92%
ELAVL1 AUUUA	614	48.96%	134	8.72%
ELAVL1 UAUUUUUU	103	8.21%	15	0.98%
ELAVL1 UUAUUUUUUU	44	3.51%	6	0.39%
Total	1254	100.00%	1536	100.00%