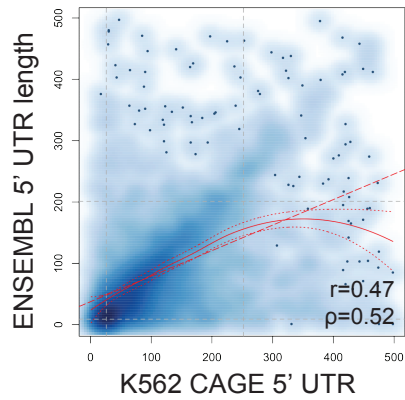
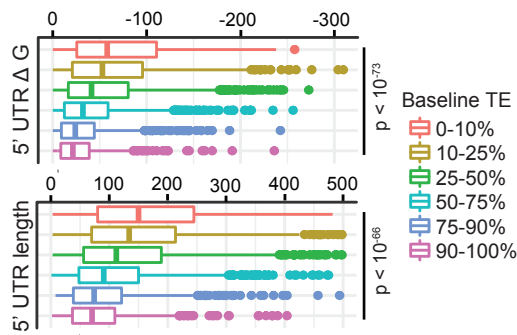


Figure S5

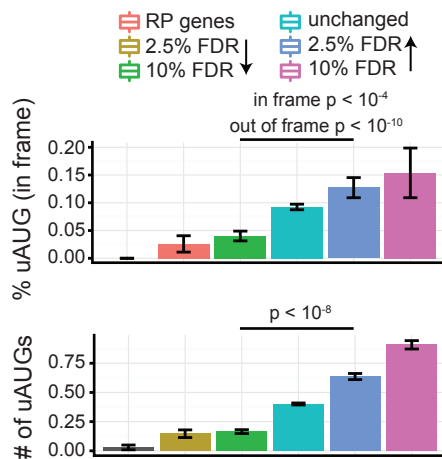
A



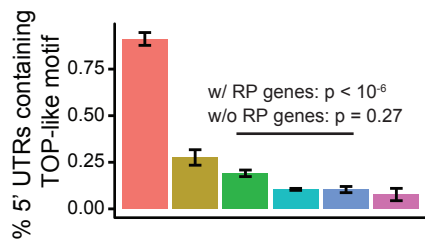
B



C



D



E

5' UTR	L	k	mm	ROCc	PRc
all	6	4	1	0.59	0.19
all	8	6	2	0.58	0.17
all	10	8	3	0.56	0.17
first 30nts	6	4	1	0.51	0.14
first 30nts	8	6	2	0.54	0.15
first 30nts	10	8	3	0.52	0.16
last 30 nts	6	4	1	0.51	0.14
last 30 nts	8	6	2	0.52	0.15
last 30 nts	10	8	3	0.50	0.14

F

entire 5' UTR

Motif	P-value	log P-value	% of Targets	% of Background
	1e-6	-1.542e+01	4.02%	0.76%
	1e-5	-1.269e+01	8.43%	3.55%
	1e-5	-1.254e+01	1.61%	0.09%

first 30nts of 5' UTR

Motif	P-value	log P-value	% of Targets	% of Background
	1e-9	-2.237e+01	3.41%	0.25%
	1e-8	-2.028e+01	4.62%	0.72%
	1e-7	-1.710e+01	2.41%	0.15%

last 30nts of 5' UTR

Motif	P-value	log P-value	% of Targets	% of Background
	1e-8	-1.857e+01	1.81%	0.00%
	1e-7	-1.718e+01	2.21%	0.10%
	1e-6	-1.520e+01	3.01%	0.40%