



optimized motif	location	MI (bits)	z-score	Robustness	Position bias	orientation bias	conservation bias	seed	motif name
	3'UTR	0.008	15.7	10/10	-	→	0.56	GGACCGG	-
	3'UTR	0.007	10.8	10/10	-	→	0.22	GGGGUC	-
	3'UTR	0.005	8.9	7/10	-	←	0.42	GGUGAG	-
	3'UTR	0.009	16.4	10/10	-	→	0.89	AGAGCCU	-
	3'UTR	0.007	12.3	10/10	-	→	0.62	AUGGGCC	-
	3'UTR	0.006	10.0	6/10	-	→	0.38	CACCUAC	-
	3'UTR	0.007	11.8	10/10	-	→	0.34	GGGGUGU	-
	3'UTR	0.009	15.7	10/10	-	→	0.94	GGUGUGU	miR-3065-3p,miR-197,miR-21*
	3'UTR	0.007	12.0	10/10	-	→	0.70	CAGAGCU	-
	3'UTR	0.007	11.1	9/10	-	→	0.92	GUGCCUG	miR-4269,miR-3622a-5p
	3'UTR	0.006	9.5	9/10	-	→	0.62	AGGACAG	-
	3'UTR	0.005	8.1	6/10	-	→	0.20	ACCGGAG	-
	3'UTR	0.008	14.2	10/10	-	→	0.85	ACAACAU	-
	3'UTR	0.008	13.7	10/10	Y	→	0.97	AUAUAAC	-
	3'UTR	0.007	11.8	10/10	-	→	0.70	AGCAAAA	-
	3'UTR	0.007	13.1	10/10	-	→	0.90	UAUAUAC	-
	3'UTR	0.007	11.8	10/10	-	→	0.94	GUACUA	-
	3'UTR	0.006	10.2	8/10	-	→	0.65	AAUAUAG	-
	5'	0.006	10.6	9/10	-	-	0.96	CTTAACA	PA_47,J_MA0233_mirr
	3'UTR	0.008	14.7	10/10	-	→	0.98	AGUGUAA	-
	3'UTR	0.006	11.4	10/10	-	→	0.99	UGUACUU	-
	3'UTR	0.006	10.8	6/10	-	→	0.93	GACUUAA	miR-302e,miR-302d,miR-302a
	3'UTR	0.006	9.7	8/10	-	→	0.97	ACAGUAU	miR-548g,miR-509-5p
	3'UTR	0.007	13.0	10/10	-	→	0.93	AUUCAGU	miR-509-5p,miR-509-3-5p
	3'UTR	0.007	11.8	10/10	-	→	0.88	GAUUUCU	-
	3'UTR	0.007	11.7	10/10	-	→	0.93	UAACCUU	-
	3'UTR	0.007	11.4	9/10	-	→	0.70	UAAGUAC	-
	3'UTR	0.006	10.0	9/10	-	→	0.88	AUGGUAA	-
	3'UTR	0.006	9.3	7/10	-	→	0.76	GAGAUUA	-
	3'UTR	0.008	14.7	10/10	-	→	0.89	UCUAUAG	-
	3'UTR	0.008	13.5	10/10	-	→	0.81	UGUAAAG	-
	3'UTR	0.007	13.2	10/10	-	→	0.99	UUUUAGC	-
	3'UTR	0.007	11.6	10/10	-	→	0.97	AUCAGUU	miR-520b,miR-302e,miR-302d
	3'UTR	0.006	10.3	10/10	-	→	0.51	ACAUGUU	-