



molecular function unknown, p<0.01
 5813 5814 5815 5816 5817 5818 5819 5820 5821 5822 5823 5824 5825 5826 5827 5828 5829 5830 5831 5832 5833 5834 5835 5836 5837 5838 5839 5840 5841 5842 5843 5844 5845 5846 5847 5848 5849 5850 5851 5852 5853 5854 5855 5856 5857 5858 5859 5860 5861 5862 5863 5864 5865 5866 5867 5868 5869 5870 5871 5872 5873 5874 5875 5876 5877 5878 5879 5880 5881 5882 5883 5884 5885 5886 5887 5888 5889 5890 5891 5892 5893 5894 5895 5896 5897 5898 5899 5900 5901 5902 5903 5904 5905 5906 5907 5908 5909 5910 5911 5912 5913 5914 5915 5916 5917 5918 5919 5920 5921 5922 5923 5924 5925 5926 5927 5928 5929 5930 5931 5932 5933 5934 5935 5936 5937 5938 5939 5940 5941 5942 5943 5944 5945 5946 5947 5948 5949 5950 5951 5952 5953 5954 5955 5956 5957 5958 5959 5960 5961 5962 5963 5964 5965 5966 5967 5968 5969 5970 5971 5972 5973 5974 5975 5976 5977 5978 5979 5980 5981 5982 5983 5984 5985 5986 5987 5988 5989 5990 5991 5992 5993 5994 5995 5996 5997 5998 5999 6000

Optimized motif	Location	MI (bits)	z-score	robustness	Position bias	orientation bias	conservation index	seed	motif name
	5'	0.025	20.5	10/10	-	-	1.00	AACGCGC	-
	5'	0.020	15.1	10/10	-	-	1.00	AATCGAT	-
	3' UTR	0.016	10.0	10/10	-	→	0.97	UAUUUUAU	-
	3' UTR	0.019	14.4	10/10	-	→	1.00	CCCUCCC	-
	5'	0.016	9.7	10/10	-	←	0.98	TGCGTAC	-
	5'	0.018	12.9	10/10	Y	-	1.00	CGAGACC	-
	5'	0.015	9.7	9/10	-	←	0.98	TCGACGA	-
	3' UTR	0.015	9.2	10/10	-	→	0.98	UAAUAAA	-
	5'	0.014	8.2	9/10	-	→	0.96	TCTTCGC	-
	3' UTR	0.014	6.8	6/10	-	→	0.70	UAUUCCC	-
	5'	0.014	7.6	7/10	-	←	0.81	ATTCGCG	-
	5'	0.014	7.7	6/10	-	→	0.97	TTTCCGC	-
	5'	0.013	7.2	9/10	Y	-	0.79	ATCGGAG	-
	5'	0.013	6.4	6/10	-	-	0.97	TCTCTTC	-
	5'	0.013	6.3	7/10	-	-	0.36	ACTTTTG	-