

Additional file 2.

ARE-like motifs are prevalently represented among KSRP target transcripts when compared to non-KSRP targets.

KSRP targets ¹				Non-KSRP targets ²				
Consensus	No. ³	% ⁴	⁵ LL1	Consensus	No.	%	LL2	LL1/LL2
UAUUUAUw	235	75%	1898	UUUAUUUU	85	27%	662	2.9
UwUAUUUw	191	76%	1760	UAUwUAUw	83	26%	667	2.6
nUGUrUrU	177	61%	1376	sUGUsUGU	62	19%	494	2.8
CnsCyUCC	170	54%	1412	CnsCCUCC	69	22%	566	2.5

¹KSRP mRNAs targets (n=314) whose expression was up-regulated by more than 1.8-fold in KSRP-bound RNA samples as measured by microarray screening experiments. ²Non-KSRP mRNAs targets (n=314) not enriched in KSRP-bound RNA samples. ³Number of sequences found to harbor the indicated motif. ⁴%: Percentage of sequences that harbor the motif divided by the total number of input sequences (n=314). ⁵Log-likelihood ratio of the motif: is a measure of motif quality and depends on the strength of the motif and also on the total number of instances of the motif. The higher the number, the higher is the motif quality [44].