

Table S1. Effects of Varying the Number of Random Contexts Used to Calculate the Self-containment Index

# Contexts Used	RNA	Slope <sup>a</sup>	$r^2$ <sup>b</sup>
100	miRNA	1.00	0.98
	rand	0.97	0.98
5000	miRNA	1.00	1.00
	rand	0.99	0.99

<sup>a</sup>Slope of the linear regression line for the modified score as a function of the normal formulation of SC (using 1000 random contexts).

<sup>b</sup>Correlation coefficient between the modified score and the normal formulation of SC.