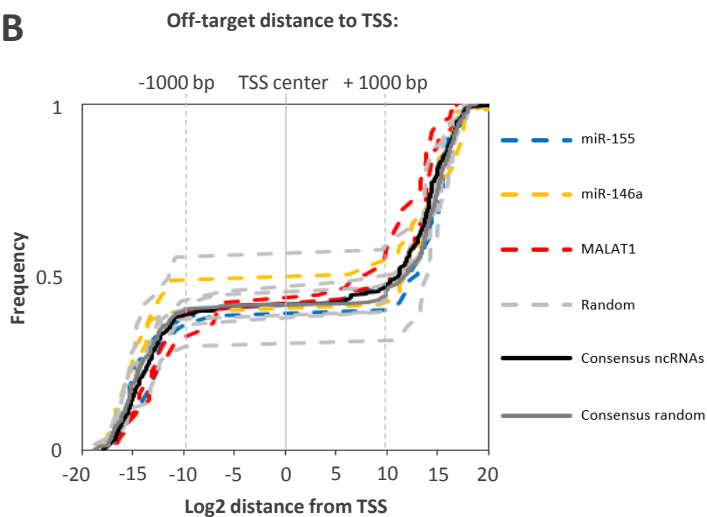


		miR-155		miR-146a		MALAT1	
Guide #	1	2	1	2	1	2	
Off-targets	49	49	50	49	48	49	
Genic	8	3	3	4	3	9	

		random					
Guide #	1	2	3	4	5	6	
Off-targets	50	50	37	49	50	50	
Genic	5	3	7	6	5	6	



Off-target Sanger sequencing

Figure 2: Schematic representation of the 3' UTR of MALAT1 and miR-146a-3p. The figure displays the 3' UTR sequences of MALAT1 and miR-146a-3p, with positions 1 to 60 indicated. The sequences are shown for guideRNA1 (Wild-type and Knockout) and guideRNA2 (Wild-type and Knockout). The sequences are color-coded: red for the target site, green for the binding site, and blue for the seed region. The target site is located at positions 10-15 in MALAT1 and positions 10-15 in miR-146a-3p. The binding site is located at positions 16-21 in MALAT1 and positions 16-21 in miR-146a-3p. The seed region is located at positions 22-27 in MALAT1 and positions 22-27 in miR-146a-3p. The sequences are shown for guideRNA1 (Wild-type and Knockout) and guideRNA2 (Wild-type and Knockout). The sequences are color-coded: red for the target site, green for the binding site, and blue for the seed region. The target site is located at positions 10-15 in MALAT1 and positions 10-15 in miR-146a-3p. The binding site is located at positions 16-21 in MALAT1 and positions 16-21 in miR-146a-3p. The seed region is located at positions 22-27 in MALAT1 and positions 22-27 in miR-146a-3p.