

Table S1 List of oligos for cloning shRNAs in miRNA backbones. Complementary oligos were annealed and cloned into VALIUM20 as described in the methods.

mir-275		
backbone		
Gene Name	Top Oligo	Bottom Oligo
ovarian tumor (otu)	ctagctgtaaagtctcctaccttGCAGAACAACACTGATCAAC	aattcatatatgtctgccaccacgGCAGAACAACACTGATCAACA
	ActggtttttatataacagTGTTGATCAGTGTGTTCTGCcgtg gtggcagacatatatg	ctgtatataaaaaaccagTGTTGATCAGTGTGTTCTGCcaggt aggagactttacag
	ctagctgtaaagtctcctaccttAACGGGAGCGATAAACTAC	aattcatatatgtctgccaccacgAACGGGAGCGATAAACTACAA
bicoid (bcd)	AActggtttttatataacagTTGTAGTTTATCGTCCCGTtcgtg gtggcagacatatatg	ctgtatataaaaaaccagTTGTAGTTTATCGTCCCGTtcaaggta ggagactttacag
	ctagctgtaaagtctcctaccttCAGCTAGCTATTAATGTTTA	aattcatatatgtctgccaccacgCAGCTAGCTATTAATGTTTAAct
giant (gt)	ActggtttttatataacagTTAAACATTAATAGCTAGCTGcgtg gtggcagacatatatg	gtatataaaaaaccagTTAAACATTAATAGCTAGCTGcaggtag gagactttacag
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miR-92a		
backbone		
Gene Name	Top Oligo	Bottom Oligo
Notch (N)	ctagcaatatgaatttcccGCGGCGGTTAACAATACCGAAtt ttgcatttcgaataaaTTCGGTATTGTTAACCGCCGctggcg ttgtaataaacag	aattctgtttattacaaaccgccaGCGGCGGTTAACAATACCGA AttattcgaatgcaaaaTTCGGTATTGTTAACCGCCGcggga aattcatattg
	ctagcaatatgaatttcccAACGGGAGCGATAAACTACAAtt ttgcatttcgaataaaTTGTAGTTTATCGTCCCGTtggcg ttgtaataaacag	aattctgtttattacaaaccgccaAACGGGAGCGATAAACTACA AttattcgaatgcaaaaTTGTAGTTTATCGTCCCGTtggga attcatattg
Kruppel (Kr)	ctagcaatatgaatttcccTTGTTGCTGCTTCAAATATAAttt gcatttcgaataaaTTATATTTGAAGCAGCAACAAtggcg ttgtaataaacag	aattctgtttattacaaaccgccaTTGTTGCTGCTTCAAATATAAt ttattcgaatgcaaaaTTATATTTGAAGCAGCAACAAtggga ttcatattg
	ctagcaatatgaatttcccACGAATAGATTCAAGAAGAAtt ttgcatttcgaataaaTTCTTCTGAAATCTATTCTGtggcg ttgtaataaacag	aattctgtttattacaaaccgccaACGAATAGATTCAAGAAGA AttattcgaatgcaaaaTTCTTCTGAAATCTATTCTGtggga attcatattg
armadillo (arm)	ctagcaatatgaatttcccTACGATTGCTGTTCAACGAAAttt tgatttcgaataaaTTTCGTTGAACAGCAATCGTAtggcg ttgtaataaacag	aattctgtttattacaaaccgccaTACGATTGCTGTTCAACGAAA ttattcgaatgcaaaaTTTCGTTGAACAGCAATCGTAcggga attcatattg
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