

**Table W1.** Cell Lines Used for miRNA Expression Validation.

Class	Name	EBV	Reference
HL	L428 (cHL)	-	[1,2]
	KM-H2 (cHL)	-	[2]
	HDLM2 (T-cell HL)	-	[2]
	L1236 (cHL)	-	[2,3]
	L591 (cHL)	+	[2]
	DEV (NLPHL)	-	[4,5]
PMBL	MedB-1	-	[6]
	Karpas 1106P	-	[6]
DLBCL	ROSE	-	[2]
	VER	-	[2]
	SU-DHL-4	-	A. Epstein (UCLA)
	SU-DHL-6	-	A. Epstein (UCLA)
	OCI Ly3	-	[7]
	SCHI	-	
BL	Raji	+	[8]
	CA46	-	[8]
	BL-65	+	[8]
	Namalwa	+	[8]
	DG-75	-	[8]
	Jiyoye	+	[8]
	Ramos (RA 1)	-	[8]
LCL	CB-LCL 6.28	+	[9]
	CB-LCL 5.5-1	+	[9]
	CB-LCL 5.b2	+	[9]
	CB-LCL 6.16	+	[9]
	CB-LCL 5.B8	+	[9]
	1H2 (EBV transformed)	+	[10]
CLL	15E6 (EBV transformed)	+	[10]
	EHEB (B-CLL)	+	DSMZ
	MEC-1 (B-CLL)	+	DSMZ
	MEC-2 (B-CLL)	+	DSMZ
	JVM-3 (B-CLL)	+	DSMZ

DSMZ = Deutsche Sammlung von Microorganismen und Zellkulturen, GmbH, located in Braunschweig, Germany.

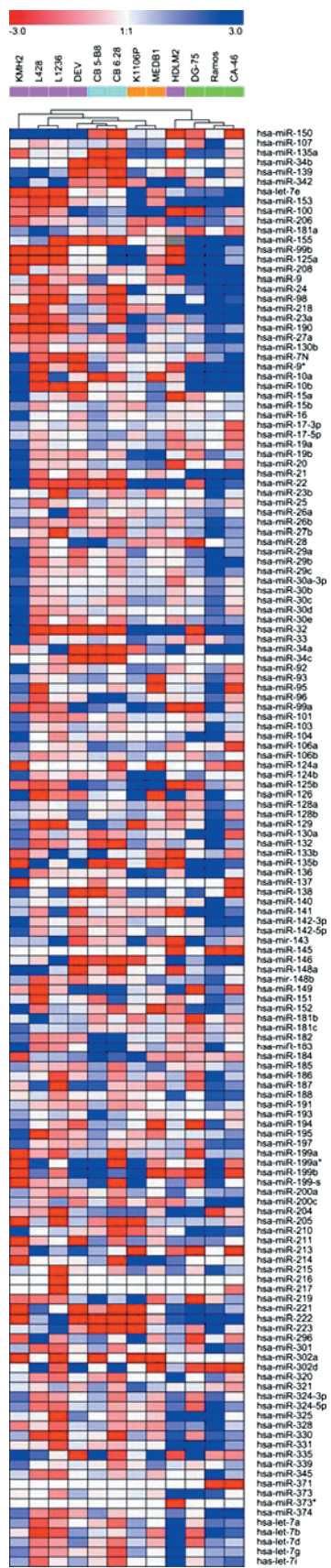
**Table W2.** Primer Sequences Used for Amplification of Target Sequences.

Gene	Forward Primer* (5'-3')	Reverse Primer <sup>†</sup> (5'-3')	Size (bp)
<i>GAB2</i>	GAGCTC-ATGTCAGATCGCAGGGTAGG	TCTAGA-AGTCGCTCTCCGAAGATTCC	1205
<i>BACH2</i>	GAGCTC-GGAAAGACAGCAGTGATGAC	GCGGCCGC-GTGCAAGTGGCAAAGTTGAC	659
<i>ICOSL</i>	GAGCTC-AGGGCCGTGTTTGGCTACAG	TCTAGA-CCTCAGGCATGAGGGACAGA	1187
<i>ZIC3</i>	GAGCTC-TGGTACGTCTGAGGACAAAC	GCGGCCGC-GAGTCTTCCCAGATGGAAAC	979
<i>IKBKE</i>	GAGCTC-TCCCAGCACCTCCTGATGTC	GCGGCCGC-CTGCTTCCCAGGGAGAAAGG	215
<i>TIP120</i>	TGTTTGGCTTCTTCCAITTG	AGAAAGAAATTCATGGTCAC	226
<i>AGTR1</i>	GAGCTC-CATGTTTCGAAACCTGTCCATAAAG	GCGGCCGC-ATAAAATTTATTTTAAAGTAAAT	897
<i>ZNF537</i>	GAGCTC-TGTGGAAGGCACCTTCAG	TCTAGA-CCAGCTCCGTCATAAACAG	1668
<i>FGF7</i>	ACTACTCGAGCTGATCAAGCTGGACTTGCGC	ATAAGAATGCGGCCGCTAACAAAACAATAAAATTCAAATACAAC	790
<i>MNAB</i>	TTGTGACCACCATGGAAG	TTACTGCACCGGATGTCTAC	282
<i>MAF</i>	GAGCTC-AAGCCTGCATCAACCTTCTG	GCGGCCGC-GGGCAATTTATGGCTCAACTC	1795

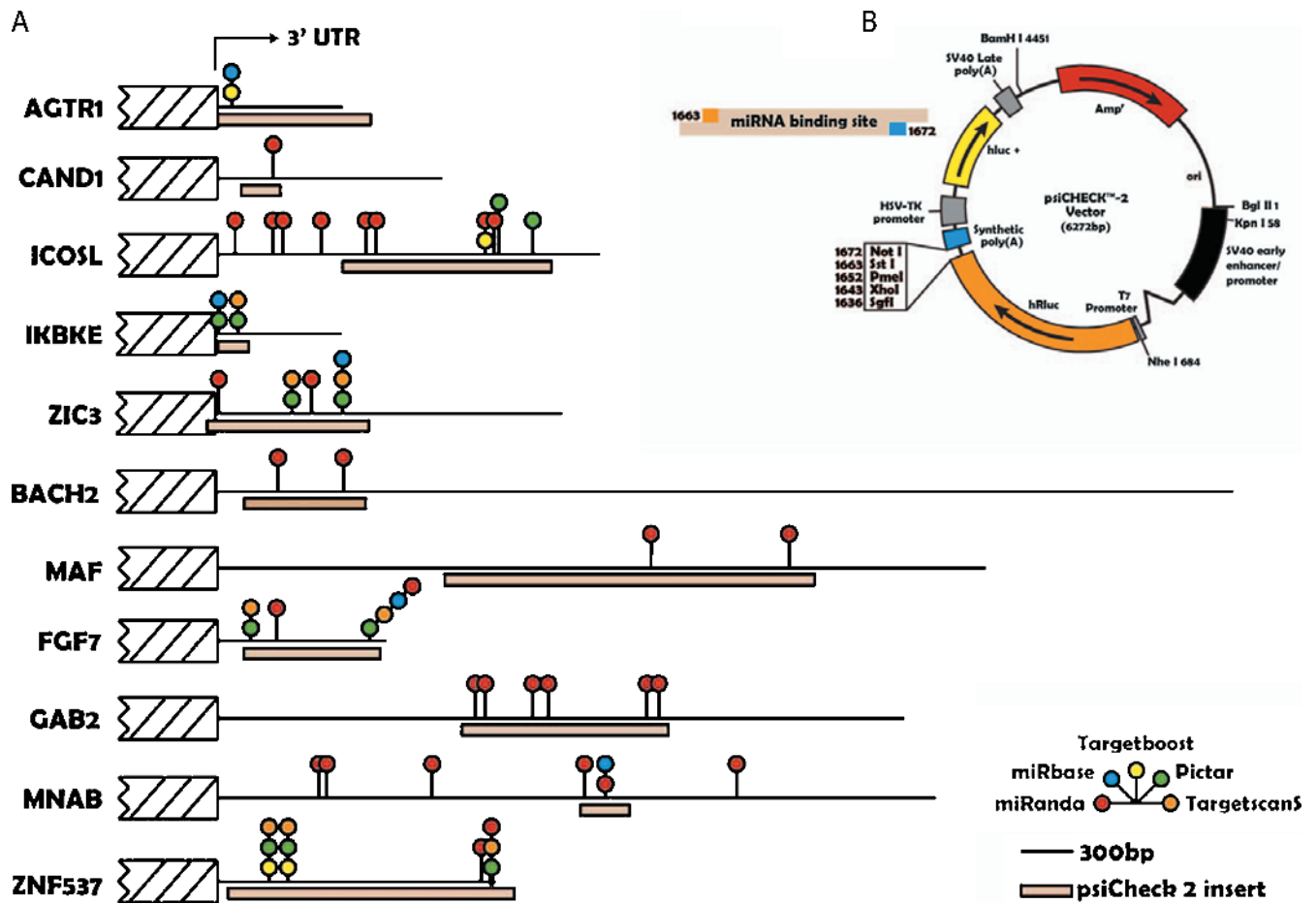
*TIP120*, *MNAB*, and *FGF7* were subcloned first in a TOPO vector and lack specific restriction sites. Size indicates the size of the PCR product that was cloned into the vector.

\*The restriction site for endonucleases *NsiI* was added to the forward primer.

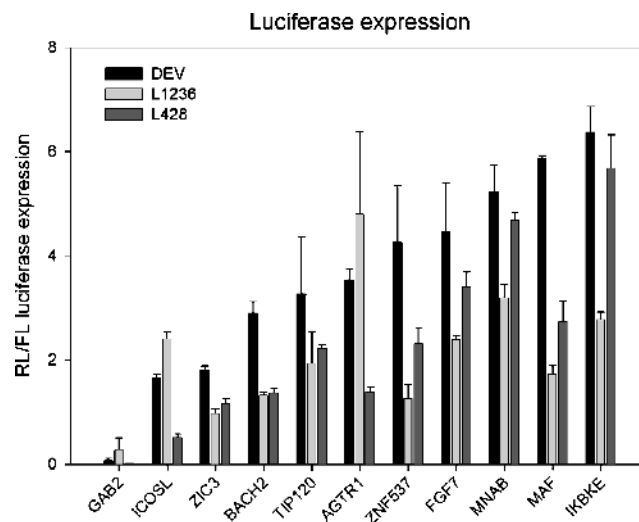
<sup>†</sup>The restriction site for *SstI* or *XbaI* was added to the reverse primer (separated by dash).



**Figure W1.** Heat chart of miRNA expression in B-cell-derived cell lines.



**Figure W2.** Schematic presentation of the predicted target sequences cloned in the psiCHECK2 vector. The regions from the 3' UTR of potential miR-155 targets (A) were cloned into psiCHECK2 vector (B) for target gene validation experiments.



**Figure W3.** The FL/RL luciferase expression ratios observed in the three HL cell lines without miR-155-specific inhibitor. Luciferase ratios obtained for the psiCHECK2 constructs containing 3' UTR sequences of potential miR-155 target genes. Error bars indicate the SD for three replicate experiments.