

Supplementary Table S2. Predicted targets for KSHV v-miRNAs. For each miRNA, the list of tissues where it is expressed, the predicted targets, the number of site on each target's transcript and the GO term associated to the targets are shown. Tissues legend: BCBL: Body cavity-based lymphoma, BL: Burkitt's lymphoma, PEL: Primary-effusion lymphoma.

v-miRNA	Tissues	Target	Sites	Target's GO terms
miR-K12-1	BCBL, BL, PEL	FOXO3A	1	Pro-Apoptosis
		HBP1	1	Cell cycle arrest
		PDCD4	1	Negative regulation of cell cycle
		PCDC6	1	Negative regulation of cell cycle
		RBL1	1	Negative regulation of cell cycle
		RAD1	1	Cell cycle checkpoint
miR-K12-2	BCBL, BL, PEL	TNFRSF10A	2	Pro-Apoptosis
		APC	2	Negative Regulation of cyclin-dependent kinase activity
		CASP10a	1	Pro-Apoptosis
		CDKN2C	1	Cell cycle arrest
		CUL1	1	Cell cycle arrest
		CUL3	1	Pro-Apoptosis
		CUL5	1	Cell cycle arrest
		LATS2	1	Negative Regulation of cyclin-dependent kinase activity
		MAPK1	1	Pro-Apoptosis
		RAD1	1	Cell cycle checkpoint
miR-K12-3	BCBL, BL, PEL	RBBP8	1	Cell cycle checkpoint
		STK4	1	Pro-Apoptosis
		APBB1	1	Cell cycle arrest
		APC	1	Negative Regulation of cyclin-dependent kinase activity
		CDKN2B	1	Cell cycle arrest
		CUL5	2	Cell cycle arrest
		FAF1	1	Pro-Apoptosis
		RASSF1	1	Cell cycle arrest
		RBBP8	2	Cell cycle checkpoint
		SMAD3	2	Cell cycle arrest
miR-K12-4-5p	BCBL, BL, PEL	STK3	1	Pro-Apoptosis
		STK4	3	Pro-Apoptosis
		CCNG2	1	Cell cycle checkpoint
		ING1	1	Negative regulation of cell cycle
miR-K12-6-3p	BCBL, BL, PEL	RBL1	1	Negative regulation of cell cycle
		ZAK	1	Cell cycle arrest
		BID	1	Pro-Apoptosis
miR-K12-7	PEL	BTG3	1	Negative Regulation of mitotic cell cycle
		TBRG1	1	Cell cycle arrest
		ABL1	1	Pro-Apoptosis
miR-K12-9	PEL	FOXO4	1	Cell cycle arrest
		TBRG1	1	Cell cycle arrest
miR-K12-9*	BCBL, BL, PEL	CASP8a	1	Pro-Apoptosis
		TP53	1	Regulation of cell cycle
miR-K12-10a	BCBL, BL, PEL	CASP10a	1	Pro-Apoptosis
		CASP10d	1	Pro-Apoptosis
		CUL2	2	Cell cycle arrest
		CUL4a	1	Cell cycle arrest
		EI24	1	Pro-Apoptosis
		FOXO4	1	Cell cycle arrest
miR-K12-10b	PEL	SMAD3	1	Cell cycle arrest
		GAS7	1	Cell cycle arrest
miR-K12-11	BL	BCL10	1	Pro-Apoptosis
		RB1	1	Negative regulation of cell cycle
		RBL1	1	Negative regulation of cell cycle
		APC	3	Negative Regulation of cyclin-dependent kinase activity
miR-K12-12	PEL	MPHOSPH1	1	Cell cycle arrest
		CASP10a	1	Pro-Apoptosis