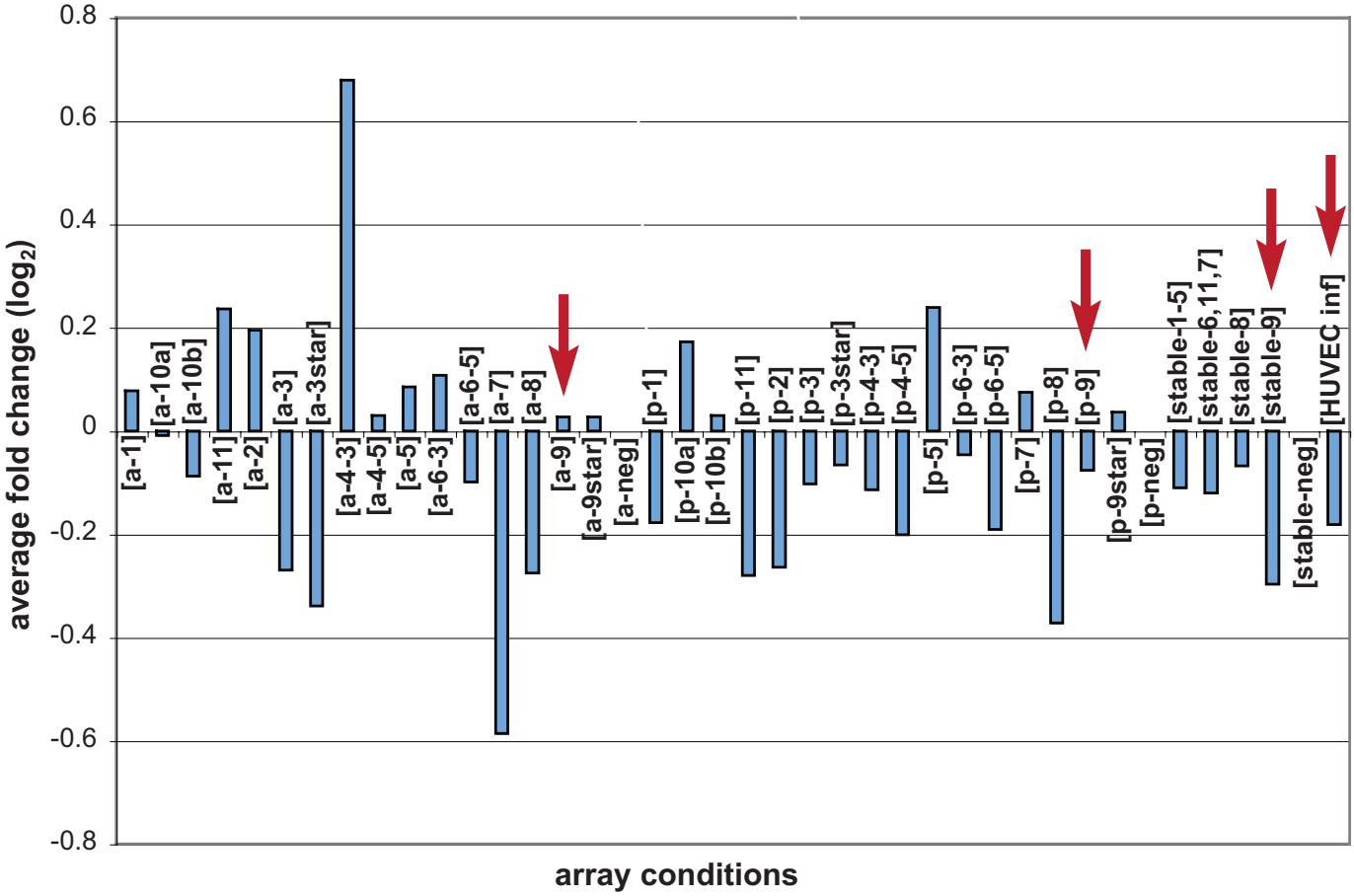
Figure S1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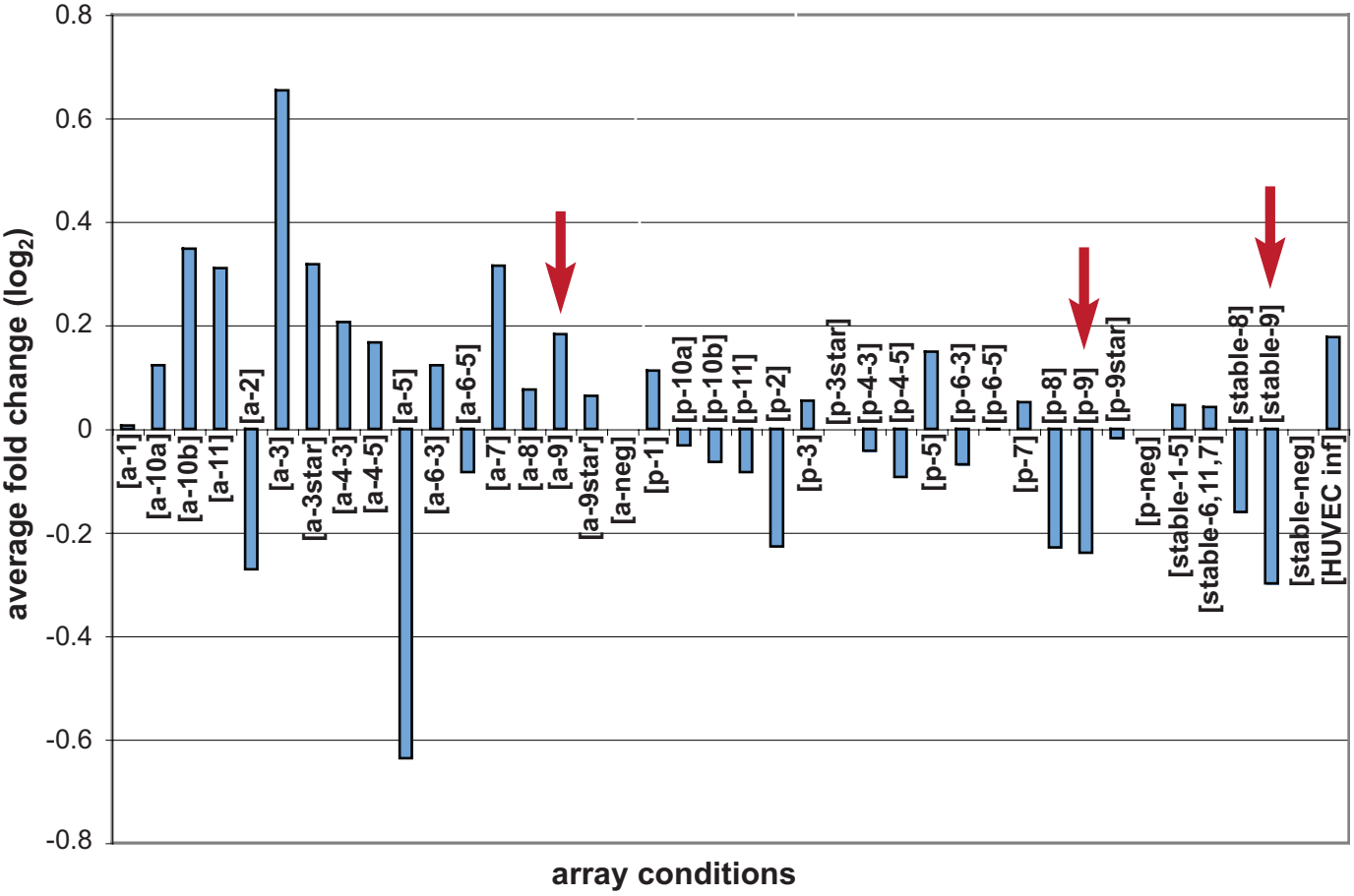
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
average fold change (log2)
[a-1]
[a-10a]
[a-10b]
[a-11]
[a-2]
[a-3]
[a-3star]
[a-4-3]
[a-4-5]
[a-5]
[a-6-3]
[a-6-5]
[a-7]
[a-8]
[a-9]
[a-9star]
[a-neg]
[p-1]
[p-10a]
[p-10b]
[p-11]
[p-2]
[p-3]
[p-3star]
[p-4-3]
[p-4-5]
[p-5]
[p-6-3]
[p-6-5]
[p-7]
[p-8]
[p-9]
[p-9star]
[p-neg]
[stable-1-5]
[stable-6,11,7]
[stable-8]
[stable-9]
[stable-neg]
[HUVEC inf]
array conditions

Figure S2


0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
average fold change (log2)
[a-1]
[a-10a]
[a-10b]
[a-11]
[a-2]
[a-3]
[a-3star]
[a-4-3]
[a-4-5]
[a-5]
[a-6-3]
[a-6-5]
[a-7]
[a-8]
[a-9]
[a-9star]
[a-neg]
[p-1]
[p-10a]
[p-10b]
[p-11]
[p-2]
[p-3]
[p-3star]
[p-4-3]
[p-4-5]
[p-5]
[p-6-3]
[p-6-5]
[p-7]
[p-8]
[p-9]
[p-9star]
[p-neg]
[stable-1-5]
[stable-6,11,7]
[stable-8]
[stable-9]
[stable-neg]
[HUVEC inf]
array conditions

SUPPLEMENTAL FIGURE LEGENDS AND SEQUENCES

Figure S1. Microarray data suggests inhibition of IRAK1 by miRNAs. Average fold change in IRAK1 expression in each of the cellular gene expression arrays, denoted as follows: a-X, latently infected B cells transfected with LNA inhibitors to KSHV miR-X; p-X, B cells transiently transfected with KSHV miR-X; stable-X, B cells stably transduced with KSHV miR-X. Arrows highlight the arrays using miR-K9.

Figure S2. Microarray data suggests inhibition of MYD88 by miRNAs. Average fold change in MYD88 expression in each of the cellular gene expression arrays, denoted as described in Figure S1.

Sequences:

IRAK1 3'UTR:

TGTGTTCACCTGGGCAGATCCCCCAAATCCGGAAGTCAAAGTTCTCATGGTCA
GAAGTTCTCATGGTGCACGAGTCCTCAGCACTCTGCCGGCAGTGGGGGTGGG
GGCCCATGCCCGCGGGGGAGAGAAGGAGGTGGCCCTGCTGTTCTAGGCTCTG
TGGGCATAGGCAGGCAGAGTGGAACCCTGCCTCCATGCCAGCATCTGGGGGC
AAGGAAGGCTGGCATCATCCAGTGAGGAGGCTGGCGCATGTTGGGAGGCTGC
TGGCTGCACAGACCCGTGAGGGGAGGAGAGGGGCTGCTGTGCAGGGGTGTG
GAGTAGGGAGCTGGCTCCCCTGAGAGCCATGCAGGGCGTCTGCAGCCCAGGC
CTCTGGCAGCAGCTCTTTGCCCATCTCTTTGGACAGTGGCCACCCTGCACAAT
GGGGCCGACGAGGCCTAGGGCCCTCCTACCTGCTTACAATTTGGAAAAGTGT
GGCCGGGTGCGGTGGCTCACGCCTGTAATCCCAGCACTTTGGGAGGCCAAGG
CAGGAGGATCGCTGGAGCCCAGTAGGTCAAGACCAGCCAGGGCAACATGAT
GAGACCCTGTCTCTGCCAAAAAATTTTTTAAACTATTAGCCTGGCGTGGTAGC

GCACGCCTGTGGTCCCAGCTGCTGGGGAGGCTGAAGTAGGAGGATCATTTAT

GCTTGGGAGGTCGAGGCTGCAGTGAGTCATGATTGTATGACTGCACTCCAGC

CTGGGTGACAGAGCAAGACCCTGTTTCAAAAAGAAAAACCCTGGGAAAAGT

GAAGTATGGCTGTAAGTCTCATGGTTCAGTCCTAGCAAGAAGCGAGAATTCT

GAGATCCTCCAGAAAGTCGAGCAGCACCCACCTCCAACCTCGGGCCAGTGTC

TTCAGGCTTTACTGGGGACCTGCGAGCTGGCCTAATGTGGTGGCCTGCAAGC

CAGGCCATCCCTGGGCGCCACAGACGAGCTCCGAGCCAGGTCAGGCTTCGGA

GGCCACAAGCTCAGCCTCAGGCCCAGGCACTGATTGTGGCAGAGGGGCCACT

ACCCAAGGTCTAGCTAGGCCCAAGACCTAGTTACCCAGACAGTGAGAAGCCC

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CAGGGAAAAGACATGTATCACATGTCTTCAGAAGCAAGTCAGGTTTCATGTA

ACCGAGTGTCCTCTTGCGTGTCCAAAAGTAGCCCAGGGCTGTAGCACAGGCT

TCACAGTGATTTTGTGTTCAGCCGTGAGTCACACTACATGCCCCCGTGAAGCT

GGGCATTGGTGACGTCCAGGTTGTCCTTGAGTAATAAAAACGTATGTTGC

MYD88 3’UTR:

CTTGGTTCTGGACTCGCCTTGCCAAGGCCTTGTCCCTGCCCTGAAGACTGTTC

TGAGGCCCTGGGTGTGTGTGTATCTGTCTGCCTGTCCATGTACTTCTGCCCTG

CCTCCTCCTTTCGTTGTAGGAGGAATCTGTGCTCTACTTACCTCTCAATTCCTG

GAGATGCCAACTTCACAGACACGTCTGCAGCAGCTGGACATCACATTTCATG

TCCTGCATGGAACCAGTGGCTGTGAGTGGCATGTCCACTTGCTGGATTATCAG

CCAGGACACTATAGAACAGGACCAGCTGAGACTAAGAAGGACCAGCAGAGC

CAGCTCAGCTCTGAGCCATTCACACATCTTCACCCTCAGTTTCCTCACTTGAG

GAGTGGGATGGGGAGAACAGAGAGTAGCTGTGTTTGAATCCCTGTAGGAAAT

GGTGAAGCATAGCTCTGGGTCTCCTGGGGGAGACCAGGCTTGGCTGCGGGAG

AGCTGGCTGTTGCTGGACTACATGCTGGCCACTGCTGTGACCACGACACTGCT

GGGGCAGCTTCTTCCACAGTGATGCCTACTGATGCTTCAGTGCCTCTGCACAC

CGCCCATTCCACTTCCTCCTTCCCCACAGGGCAGGTGGGGAAGCAGTTTGGCC

CAGCCCAAGGAGACCCCACCTTGAGCCTTATTTCCTAATGGGTCCACCTCTCA

TCTGCATCTTTCACACCTCCCAGCTTCTGCCCAACCTTCAGCAGTGACAAGTC

CCCAAGAGACTCGCCTGAGCAGCTTGGGCTGCTTTTCATTTCCACCTGTCAGG

ATGCCTGTGGTCATGCTCTCAGCTCCACCTGGCATGAGAAGGGATCCTGGCCT

CTGGCATATTCATCAAGTATGAGTTCTGGGGATGAGTCACTGTAATGATGTGA

GCAGGGAGCCTTCCTCCCTGGGCCACCTGCAGAGAGCTTTCCCACCAACTTTG

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CCTCCTGCCCCAAAGCTTGTGGGCACATGGGCACATACAGACTCACATACAG

ACACACACATATATGTACAGACATGTACTCTCACACACACAGGCACCAGCAT

ACACACGTTTTTCTAGGTACAGCTCCCAGGAACAGCTAGGTGGGAAAGTCCC

ATCACTGAGGGAGCCTAACCATGTCCCTGAACAAAAATTGGGCACTCATCTA

TTCCTTTTCTCTTGTGTCCCTACTCATTGAAACCAAACTCTGGAAAGGACCCA

ATGTACCAGTATTTATACCTCTAATGAAGCACAGAGAGAGGAAGAGAGCTGC

TTAAACTCACACAACAATGAACTGCAGACACAGCTGTTCTCTCCCTCTCTCCT

TCCCAGAGCAATTTATACTTTACCCTCAGGCTGTCCTCTGGGGAGAAGGTGCC

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TTGAGTGG

KSHV miRNAs from Ambion

>12-1

AUUACAGGAAACUGGGUGUAAGC

>12-10a

UAGUGUUGUCCCCCCGAGUGGC

>12-10b

UGGUGUUGUCCCCCCGAGUGGC

>12-11

UUAAUGCUUAGCCUGUGUCCGA

>12-2

AACUGUAGUCCGGGUCGAUCUG

>12-3

UCACAUUCUGAGGACGGCAGCG

>12-3*

UCGCGGUCACAGAAUGUGACA

>12-4-3p

UAGAAUACUGAGGCCUAGCUGA

>12-4-5p

AGCUAAACCGCAGUACUCUAGG

>12-5

UAGGAUGCCUGGAACUUGCCGG

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>12-6-3

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UGAUCCCAUGUUGCUGGCGCU

>12-8

UAGGCGCGACUGAGAGAGCACG

>12-9*

ACCCAGCUGCGUAAACCCCGCU

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CUGGGUAUACGCAGCUGCGUAA