

Zebrafish B cell acute lymphoblastic leukemia: new findings in an old model

SUPPLEMENTARY MATERIALS

Supplementary Table 1: Primer sequences for outer preamplification and inner qPCR reactions

96 primers on IFC	Purpose	Outer Forward Primer Sequence	Outer Reverse Primer Sequence	Inner Forward Primer Sequence	Inner Reverse Primer Sequence
blnk	SC qRT PCR	CAACCCAGCAAACAACCCAG	GACTCCTGTTCACCACCG	CGAGGACGACTACATCGAGC	GTCAGTGTCTCTCCGTGGG
cd79b	SC qRT PCR	TTGGCGTTAAGACAGGTCCG	GTCGAACCAGAGGAACGACA	TACTGTGTGCCGTCGAATCC	GTGCCACTGTCTCAGTCTC
foxo1b	SC qRT PCR	GACCCGGATTTGAGCCTCT	GTTGTCTGGCAGTGGAAGT	AAACCCGAGCAAGGAATCGT	GGCTTCTCGTCAGGGTAGTC
id3	SC qRT PCR	AAGTGTCTATGAAGCGGTGT	AATCTCCACTTGGCTCACGG	CTGCAAGAGTCCTCCGAGG	TGGCTCACGGACTTGTCTG
ighz	SC qRT PCR	CCACCCGGGACACGCTTAAT	TGGAGCCCTGTTGTGGATG	CAGGAGACTGTGAGGAG	TAGCAGGAGTGTGTGTGC
igic1s1	SC qRT PCR	GAGCAGCAGTGGATGGAGAG	AGTGTGTGTGCTGAATGCAG	CAGGAGACTGTGAGGAG	TAGCAGGAGTGTGTGTGC
igiv2a1	SC qRT PCR	CACTGTGATGGTGCTTTGGC	TCGCCCACTTCCAGCTTAG	GATGAGTGCAGAAGGGTCA	GCGTCCAGTCAGAAGGGAAT
pax5	SC qRT PCR	CAGCACAACACTCCCAGGAT	AATAGTCCCAGTACGCTGC	AAGGCAGTTACTCCACACCC	ACCGTACTCTCTGTAACAC
spib1	SC qRT PCR	CTCACAAACGTCAGCCATCT	TTGCGATTGCCCTTCTGGAT	ATCCCAGCAGTCGTAGTCT	TCTCGATCCACCCACCAGAT
syk	SC qRT PCR	TGAACGACACCTACGCCATC	CCGTTGACCCGTGAGGTATT	AGCTGGAGAACTCATCGCC	GCAAACGACAGCTCTGAATCC
cd8a	SC qRT PCR	TGCAAAAAGGACAGACAGCG	AAAGTCCACAACCTCCGACC	ACTCTTCTCGGAGAGGTGAC	ACAGGCTTCAGTGTGTTTGAA
cd8b	SC qRT PCR	AAGGTGTCTACAACCTGCG	GCCAAAAGCAGAAGAGCACC	AGCGAGAAGATGCTGGCTTT	CGGCTGAAGTGTGGAGGAT
lck	SC qRT PCR	AGATTGCTGACTTCGGCCTG	GTAGCCCTCTCGAGGTTTG	GGCACCAGAGGCCATAAACT	CTCTGGGTTTGTCTCTCTGG
rag1	SC qRT PCR	CCAGGTGAAGACATTTGCCG	ATTACGCAGAGTGTGCAGGG	AGCAATGATGCAAGGCAGAG	TGTGCAGGGGCTGGAATATC
rasa4	SC qRT PCR	GATCCGTGCGGTAGAGAAGG	AGATGAGCTGAGCCTCCAGA	TGGAGGAGAAGTGTTCGGC	TCTGCTTTGTAGATGCCGGG
skap1	SC qRT PCR	AAAGACCAAGCACTGCCTCA	CCTCTCTGGAAGGCCAACTC	GCAGTGAGAGAAGTGGGTCC	CGGTCCCTCAGCTTCAAACT
efla	SC qRT PCR	AGCGTGGTATCACCATTGACA	TTCCTCCAGGGTGAAAGC	GAGACCAGCAAATACTACGTC	GGAGATACCAGCCTCAAACCT

Supplementary Table 2: Differentially-regulated genes in Figure 6A. See Supplementary Table 2

Supplementary Table 3: Differentially-expressed genes in *hMYC* vs. *mMyc* B-ALL. See Supplementary Table 3

Supplementary Table 4: Pathways differing between *hMYC* vs. *mMyc* B-ALL. See Supplementary Table 4