

Gene symbol	Function	microarrays			qPCR	
		BCR/ctrl			BCR/ctrl	
		IM	M	M/IM	IM	M
<i>Ptger4</i>	B-cell activation and differentiation [1, 2]	1.7	4.6	2.8	1.8	4.8
<i>Marcks11</i>	proliferation, cell adhesion, neurosecretion [3-8]	2.6	6.1	2.4	2.2	4.3
<i>Myc</i>	B-cell proliferation, differentiation, apoptosis [9-12]	3.8	8.9	2.3	4.1	12.9
<i>Crsp9</i>	Proliferation [13-16]	1.4	3.0	2.1	1.7	3.1
<i>Chchd4</i>	no data	1.6	3.3	2.1	1.7	3.1
<i>Wdr55</i>	rRNA synthesis, cell cycle progression [17]	1.3	2.4	1.9	1.7	1.9
<i>Ifrd1</i>	differentiation, proliferation [18-22]	1.3	2.2	1.7	1.4	2.3
<i>Eif3s1</i>	T-cell activation [23]	1.3	2.3	1.7	1.7	2.0
<i>Idi1</i>	cholesterol synthesis [24, 25]	1.6	2.7	1.7	1.6	2.3
<i>M6pr</i>	lysosomal enzyme transport [26-28]	1.4	2.5	1.7	1.1	2.0
<i>Nola2</i>	T-cell activation [29]	1.4	2.3	1.7	1.7	2.2
<i>Pdhx</i>	electron transport [30, 31]	1.8	3.0	1.7	-1.3	-1.4
<i>Hrb</i>	spermiogenesis [32]	1.5	2.3	1.5	1.1	2.5
<i>Lyar</i>	cell growth [33]	1.3	1.9	1.5	1.2	2.7
<i>Irx3</i>	heart and CNS development [34-37]	-1.0	1.4	1.4	-1.2	1.5
<i>Rpo1-3</i>	cell growth [38, 39]	1.1	1.5	1.4	1.1	1.5
<i>Ptdss1</i>	cell growth [40, 41]	-1.0	1.4	1.4	-1.4	1.4
<i>Stt3b</i>	oligosaccharyltransferase activity [42]	1.9	1.3	-1.5	2.6	-1.3
<i>Plekha2</i>	B-cell receptor signaling [42-44]	-1.7	-2.6	-1.6	-2.5	-5.4
<i>Fbxo22</i>	no data	1.0	-1.6	-1.6	-1.4	-2.0
<i>Jun</i>	apoptosis, proliferation, differentiation [45-52]	1.1	-1.6	-1.8	-1.1	-3.4
<i>3110001A13Rik</i>	no data	-1.7	-3.6	-2.1	-1.6	-5.1
<i>Spata13</i>	no data	-1.8	-4.8	-2.7	-2.5	-16.7
<i>Tmem23</i>	apoptosis [53]	-1.9	-5.3	-2.8	-2.8	-20.0

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