

Gene symbol	Function/observations in B cells or other cell types	M/IM
<i>Syngn2</i>	B-cell and neuronal differentiation [1-3]	2.1
<i>Idi1</i>	cholesterol synthesis [4, 5]	1.7
<i>Myc</i>	B-cell proliferation, differentiation, apoptosis [6-9]	1.7
<i>Litaf</i>	regulates inflammatory cytokine expression [10, 11]	1.5
<i>Spag9</i>	positively regulates MAPK signaling pathways [12, 13]	1.4
<i>Rnf5</i>	inhibits cell motility [14]	1.4
<i>Mfn2</i>	mitochondrial fusion [15-17]	1.3
<i>Txnip</i>	immune cell differentiation [18]	1.3
<i>Mfap3</i>	no data	-1.3
<i>Bnip3l</i>	apoptosis [19-21]	-1.3
<i>Cltb</i>	intracellular protein transport [22-24]	-1.5
<i>Actb</i>	cytoskeleton structure [25]	-1.5
<i>Pik3c2a</i>	survival and proliferation [26]	-1.6
<i>Acad9</i>	mitochondrial fatty acid oxidation [27]	-1.6
<i>Prkcd</i>	inhibits B-cell proliferation and differentiation [28, 29]	-1.6
<i>Vezf1</i>	angiogenesis [30, 31]	-1.6
<i>Pcytl1a</i>	apoptosis [32]	-1.7
<i>Cecr2</i>	chromatin remodeling [33]	-1.7
<i>Zcchc17</i>	no data	-1.7
<i>Coro1b</i>	neurite outgrowth [34]	-1.7
<i>Atp5c1</i>	no data	-1.8
<i>H2afz</i>	embryonic development [35]	-1.8
<i>Cd24a</i>	B-cell apoptosis; development of immature B cells [36-38]	-2.1
<i>Npc2</i>	cholesterol transport [39]	-2.1
<i>Emb</i>	cell adhesion during development [40]	-2.2
<i>Fcgr2b</i>	inhibits B-cell proliferation [41]	-2.2
<i>Emx2</i>	neuronal growth and development [42, 43]	-2.3
<i>Cst3</i>	reduces antigen presenting capacity of dendritic cells [44]	-2.3
<i>Id2</i>	inhibits B-cell differentiation [45, 46]	-2.6
<i>Cul7</i>	regulates B-cell differentiation [47]	-2.6
<i>Wwp1</i>	T-cell differentiation; embryogenesis [48, 49]	-2.7
<i>Jun</i>	apoptosis, proliferation, differentiation [50-52]	-2.7
<i>Ctsb</i>	apoptosis [53-55]	-2.8
<i>Ifitm3</i>	inhibits proliferation [56, 57]	-3.1
<i>Nr2f2</i>	regulates organogenesis [58-60]	-3.1
<i>Atp1b1</i>	inhibits T-cell activation [61]	-3.2
<i>Slc40a1</i>	iron export [62]	-3.6
<i>Phtf</i>	regulates spermatogenesis [63, 64]	-3.7
<i>Hoxb3</i>	regeneration of stem cells [65-67]	-3.8
<i>Clqa</i>	reduces T cell-dependent immune response [68-70]	-5.1
<i>Laptn5</i>	B-cell differentiation; inhibits maturation of dendritic cells [71, 72]	-6.2
<i>Hmox1</i>	inhibits B-cell activation; inhibits T-cell proliferation [73-75]	-7.4
<i>Hba-a1</i>	oxygen transport [76]	-7.9
<i>Lyzs</i>	defense response to bacteria [77-79]	-23.8

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