

Gene	LF	Dataset	References
EMP1	LF1	CD14 transcriptomics	-
CX3CR1	LF1	CD14 transcriptomics	29743615;25024136;17285595;24625
RGCC	LF1	CD14 transcriptomics	-
NAMPTL	LF1	CD14 transcriptomics	-
NAMPT	LF1	CD14 transcriptomics	28877980;28837586;31179321
THBD	LF1	CD14 transcriptomics	23388545
NAB2	LF1	CD14 transcriptomics	-
B3GNT5	LF1	CD14 transcriptomics	-
HBEGF	LF1	CD14 transcriptomics	15749028;15300588
FOSL1	LF1	CD14 transcriptomics	23128233
PHLDA1	LF1	CD14 transcriptomics	-
HIF1A	LF1	CD14 transcriptomics	31063937;29307990;30098863
GIMAP8	LF1	CD14 transcriptomics	-
PFKFB3	LF1	CD14 transcriptomics	30541017
SLC7A5	LF1	CD14 transcriptomics	-
GPR183	LF1	CD14 transcriptomics	33511653;30742043
GOS2	LF1	CD14 transcriptomics	20848504;26339133
NRIP3	LF1	CD14 transcriptomics	-
ATP2B1	LF1	CD14 transcriptomics	17262812
SDC4	LF1	CD14 transcriptomics	30053064

Functional role or involvement in pathogenesis of IBD

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Recruitment of immune cells to disease site; maturation of immune cells; production of infla

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Upregulated in IBD; acts as a link between NAD metabolism and intestinal inflammation;

Upregulated in UC patients with neoplasia compared to controls and UC patients without ne

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Involved in IL-8 mediated signaling and cellular proliferation in the gut

IBD susceptibility locus

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Involved in hypoxia response pathways in IBD

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Blood transcriptional biomarker for IBD

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SNP induced upregulation of expression in PBMCs of IBD patients; involved in intestinal path

Predictive biomarker for infliximab response in colonic CD; genetic marker for infliximab resp

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Downregulated in UC compared to CD

Involved in epithelial cell integrity and regeneration in colitis model

inflammatory cytokines; increased expression in IBD patients

metaplasia

pathogenesis, inflammation and development of colitis
response