

Macrophages	cluster	gene	avg_log2FC	p_val_adj
	c1	Mmp12	2,031735298	0
	c1	Gpnmb	1,547602895	0
	c1	Itgb2	1,360465606	1,04E-214
	c1	Wfs1	1,828611695	5,64E-183
	c1	Creg1	1,426797203	1,39E-170
	c1	Ctsk	1,527949859	2,25E-143
	c1	Cd9	1,164759287	2,88E-135
	c1	Rnf128	1,754521514	5,55E-134
	c1	Cdkn1c	3,989083207	1,71E-127
	c1	Ctsl	1,11251647	1,71E-120
	c1	Anpep	1,171752433	9,84E-115
	c1	Prdx1	1,420095429	9,42E-94
	c1	Itgax	1,944636441	1,87E-93
	c1	Mamdc2	2,805686068	2,46E-90
	c1	Uchl1	3,039514667	2,46E-86
	c1	Hvcn1	2,746884243	1,04E-77
	c1	Sema4d	1,288987385	1,72E-73
	c1	Pla2g7	1,337232313	2,79E-71
	c1	Mmp19	1,76965491	3,34E-67
	c1	Hgsnat	1,979734447	7,80E-67
	c2	Hmg20b	4,154287173	1,21E-147
	c2	Cpeb2	3,403238022	5,23E-92
	c2	Triap1	3,505319058	1,33E-81
	c2	Exoc1	3,709723736	1,23E-80
	c2	Efr3b	3,191223332	1,05E-60
	c2	Slc25a45	2,92201302	3,25E-58
	c2	Sigmar1	3,061296367	4,09E-58
	c2	Maoa	3,095851795	2,50E-51
	c2	Gde1	3,213993176	1,22E-50
	c2	Snu13	2,898484866	1,26E-50
	c2	Gprc5b	2,955580192	1,85E-47
	c2	Rab32	2,785717799	1,78E-44
	c2	Trappc2l	2,905589667	2,50E-41
	c2	Prkch	2,434876478	4,97E-36
	c2	Ms4a14	2,60260444	1,92E-33
	c2	Gemin7	2,670430508	1,68E-31
	c2	Slc49a4	2,672880547	5,99E-28
	c2	Umps	2,55351194	1,30E-23
	c2	Pgrmc2	1,950319301	4,76E-14
	c2	Ube2d1	1,347908879	0,01241934
	c3	Zranb3	3,35532715	4,58E-167
	c3	Txn1	3,801822109	7,10E-149
	c3	Khsrp	3,890455903	1,12E-126
	c3	Naaa	3,990137691	2,08E-124
	c3	Pcdh7	3,454284064	1,24E-121
	c3	Rasgrp3	4,25988787	7,95E-117
	c3	Ssbp4	3,029740372	2,35E-57

c3	Atxn7l3b	2,793575289	2,53E-30
c3	Ckb	1,396211022	0,00024409
c3	Mif4gd	1,936321021	0,00049447
c3	Ndufa9	1,775575074	0,28583379
c3	Ttpal	1,483700825	1
c3	Mta3	1,448799247	1
c3	Cep164	1,892972688	1
c3	Fam222b	1,354683949	1
c3	Sox4	1,401313973	1
c3	Strada	1,860724941	1
c3	Apobr	1,024566596	1
c3	lft52	1,002125333	1
c3	Coa4	1,364948891	1
c4	Ndufs4	4,886588406	1,73E-207
c4	Cited2	4,375428062	1,13E-199
c4	Mpc2	4,424228692	1,20E-188
c4	Supt4a	4,417063982	1,39E-181
c4	Kansl1	4,144452943	4,69E-168
c4	Kars	4,287069094	1,04E-114
c4	Trrap	4,02028488	4,97E-106
c4	Pex11b	2,102974276	0,05995526
c4	Heca	1,743115673	0,11668141
c4	Gdf3	2,531191167	0,13423205
c4	Ankhd1	2,002444576	0,30356612
c4	Ankdd1a	1,597905464	0,58909973
c4	Zfp422	1,502281925	1
c4	Traf3ip1	1,344077754	1
c4	Deaf1	1,710123596	1
c4	H3c14	2,492457184	1
c4	Rab28	1,516065727	1
c4	Npepl1	1,097995697	1
c4	Twf1	1,490239896	1
c4	Clec4b1	1,446366577	1
c5	Upf3b	6,688670932	0
c5	Abcf1	5,715549925	0
c5	Mocos	5,107432811	1,63E-284
c5	Zkscan1	2,092043408	0,00305817
c5	Parp10	2,396516295	0,00504571
c5	Cwf19l2	2,854255752	0,00652815
c5	Cyp4f18	3,125120251	0,04287205
c5	Ttc32	3,238840189	0,09911149
c5	Zmynd15	2,769447994	0,13091664
c5	Psrc1	2,968048184	0,33092564
c5	Nsf	1,689547256	0,38183054
c5	lqcb1	3,097178031	0,51212982
c5	Car15	1,927545132	0,51980311
c5	Il18	2,978493999	0,61716528
c5	Ctnnd1	1,435765415	1

c5	Tstd3	2,133998541	1	
c5	Nfkbid	3,080843639	1	
c5	Ppp1r15b	2,09203066	1	
c5	Pard6a	2,557080476	1	
c5	Abca8b	2,473041179	1	
c6	Pacc1	6,545888344	0	
c6	Gadd45b	6,18644353	0	
c6	Pdik1l	3,211545327	1,93E-05	
c6	Gas2l3	2,02521188	0,00220942	
c6	H2ac10	4,153126609	0,00472707	
c6	Ttc9	3,840818217	0,00475721	
c6	Sqle	3,443418767	0,00742169	
c6	Dcaf10	2,706640856	0,04360297	
c6	Uhrf1	1,892905831	0,26660728	
c6	Dnal4	2,024256333	0,5542589	
c6	Bcl10	2,161122442	0,80651985	
c6	Zscan21	3,211124919	0,87463578	
c6	Klhdc1	3,041753947	1	
c6	Plpp7	2,854381134	1	
c6	Ticrr	2,659113015	1	
c6	Rreb1	1,346628306	1	
c6	Zbtb14	2,324365449	1	
c6	Wdr83	3,001221459	1	
c6	Gnb1l	3,786223859	1	
c6	Slc6a8	1,373750366	1	
c7	Mark4	4,434782603	2,93E-178	
c7	Araf	4,027497537	7,75E-140	
c7	Il1r1	4,021690293	1,75E-133	
c7	Hacd3	4,134864346	1,90E-124	
c7	Inpp5k	3,885913776	9,99E-90	
c7	Ubxn7	3,457090781	3,97E-86	
c7	Slc3a2	3,174444699	1,18E-83	
c7	Ddit3	3,120564783	3,18E-81	
c7	Tmem267	3,14182737	1,80E-57	
c7	Abca3	3,501712613	5,27E-53	
c7	Snx10	3,279582222	2,94E-51	
c7	Lrch3	2,703209079	1,25E-31	
c7	Ndufb1	2,801953521	5,12E-25	
c7	Smim12	1,665656712	0,4416492	
c7	Ube2o	1,976449404	1	
c7	Ankrd13b	1,358845549	1	
c7	Mndal	1,316216572	1	
c7	Zfp607a	1,599322687	1	
c7	Tcp11l2	1,160939015	1	
c7	Ankdd1a	1,018228458	1	
T-cells	cluster	gene	avg_log2FC	p_val_adj
	c8	Saa3	5,965436243	0
	c8	Sfrp1	5,578697925	0

c8	Cxcl9	7,152175204	0
c8	Gbp2	5,511845298	0
c8	Igkc	6,664288013	5,61E-189
c8	Ccl5	4,513363211	3,49E-138
c8	Slpi	4,355747601	3,44E-120
c8	C3	1,720332508	1,30E-107
c8	Serpina3g	4,302862969	3,55E-89
c8	Stat1	2,659551337	1,69E-73
c8	Marcks11	2,966329331	3,79E-72
c8	Sh2d2a	3,987541182	6,32E-60
c8	Lyz2	1,068834714	7,62E-53
c8	H2-Eb1	1,132026792	1,75E-51
c8	Itgal	3,49744151	3,02E-49
c8	Il2rb	3,976175592	4,08E-48
c8	Il21r	3,153187117	5,74E-46
c8	Gimap3	4,366295898	2,69E-45
c8	Lcn2	2,899386617	2,97E-43
c8	Lck	4,372847826	7,35E-41

Mast cells	cluster	gene	avg_log2FC	p_val_adj
	c11	Tpsb2	6,891031457	0
	c11	Cma1	6,507685974	0
	c11	Mcpt4	8,55924409	0
	c11	Cpa3	6,161809474	0
	c11	Tpsab1	5,94092458	3,05E-210
	c11	Il1rl1	4,983885159	1,28E-168
	c11	Fcer1a	4,270155492	1,74E-57
	c11	Hdc	5,47701332	2,23E-57
	c11	Mrgprb1	4,327323558	2,83E-52
	c11	Kit	4,000078497	1,66E-50
	c11	Tph1	5,685333253	5,82E-38
	c11	Ms4a2	5,059844101	1,09E-24
	c11	Mrgprx2	4,812689068	1,78E-19
	c11	Myb	4,354310284	2,68E-15
	c11	Cyp11a1	5,201393356	1,99E-14
	c11	Gpr141b	4,925841891	2,01E-14
	c11	Tpsg1	4,67618537	1,14E-12
	c11	Rab44	3,779276962	2,15E-12
	c11	Serpinb1a	3,370643854	3,89E-12
	c11	Cd200r3	5,017328631	5,63E-10

Fibroblasts	cluster	gene	avg_log2FC	p_val_adj
	c12	Tmem192	5,611040755	0
	c12	Col6a5	5,132959825	0
	c12	Sdhd	5,006721809	2,64E-230
	c12	Gpam	3,893069487	3,17E-74
	c12	Scnn1a	6,269868121	6,34E-13
	c12	Adamts5	2,4349031	1,23E-09
	c12	Nphp3	2,792561001	0,01594025
	c12	Ndc80	2,540448418	0,44501169

c12	Fkbp1b	1,776562804	0,83988493	
c12	Ndc1	2,37093149	1	
c12	Slc12a9	1,975478781	1	
c12	Sardh	2,347909338	1	
c12	Adamts14	2,228411599	1	
c12	Trpm4	2,052922718	1	
c12	Chsy1	1,943557483	1	
c12	Pstpip2	2,426366009	1	
c12	Zfp748	2,336903188	1	
c12	Ablim3	1,812475595	1	
c12	Capza2	1,444163129	1	
c12	Riok2	1,46000602	1	
c13	Ccn2	7,496928912	0	
c13	Serpine1	5,507064611	0	
c13	Thbs1	4,411304878	1,45E-282	
c13	Tnc	3,207573495	4,52E-16	
c13	Arc	4,699130602	5,88E-16	
c13	Col3a1	1,085688314	1,66E-15	
c13	Fbn1	1,526094442	7,45E-06	
c13	Egr3	3,448398189	0,00020396	
c13	Fn1	1,155087341	0,00072984	
c13	Ccn1	2,023018145	0,00152166	
c13	Mettl17	3,032538537	0,0015824	
c13	Mfap4	2,72661885	0,00684333	
c13	Spry1	1,580617898	0,01514374	
c13	Svep1	1,583623982	0,02846061	
c13	Egr1	1,862789536	0,0354441	
c13	Cyp26b1	3,210350265	0,05845289	
c13	Fam78b	2,149508239	0,09935301	
c13	Prkab2	2,396106989	0,10573466	
c13	Pde1a	3,150860241	0,10710678	
c13	Lmbr1	3,499657331	0,10781482	
c14	Postn	1,01430914	8,64E-08	
c14	Cyp1b1	1,050306435	0,01728225	
c14	Gfpt2	1,118111488	0,30165168	
c14	Mxra7	1,028276892	1	
Adipocytes	cluster	gene	avg_log2FC	p_val_adj
	c18	Hp	3,733926066	0
	c18	Plin4	4,669642665	0
	c18	Cidec	3,93824277	0
	c18	Dgat2	4,270806953	0
	c18	Slc1a5	3,807360091	0
	c18	Lipe	3,978291829	0
	c18	Npr3	4,005632667	0
	c18	Plin1	4,231160307	0
	c18	Itga7	4,558840386	0
	c18	G0s2	4,309407458	1,32E-296
	c18	Fabp4	2,032275751	3,54E-278

c18	Cav1	2,992215797	4,52E-274
c18	Adipoq	4,316246966	6,02E-269
c18	Slc7a10	5,789757004	1,33E-260
c18	Car3	3,793746253	1,01E-244
c18	Pck1	4,860822138	1,20E-225
c18	Lrg1	3,432922033	1,04E-218
c18	Ghr	3,506238759	1,92E-218
c18	Mmd	3,181181158	1,20E-214
c18	Gpd1	3,801770767	4,11E-196

Vascular cells	cluster	gene	avg_log2FC	p_val_adj
	c15	Hba-a2	5,618469115	0
	c15	Hbb-bs	5,520367825	0
	c15	Flywch2	4,69895539	5,02E-06
	c15	Trp53inp2	1,841828993	0,00365954
	c15	Iqcb1	3,890250159	0,05863564
	c15	Plekha5	3,345766462	0,06303363
	c15	Abcc9	2,60888935	0,09494467
	c15	Gucy1b1	2,674935145	0,10506234
	c15	Ushbp1	2,702685372	0,1370174
	c15	Lgi4	4,136526665	0,40931127
	c15	Hbb-bt	2,654855024	0,43100568
	c15	Lamb2	2,321653123	0,95976532
	c15	Mms19	2,438635496	1
	c15	Ntrk2	2,300963979	1
	c15	Pald1	2,968020765	1
	c15	Fbxo11	2,664348449	1
	c15	Gtf2a2	2,001344899	1
	c15	Chaf1b	2,584946376	1
	c15	Dnajc9	2,169426774	1
	c15	Myo1d	2,786182712	1
	c16	Hbb-bs	8,159622355	0
	c16	Hba-a2	7,95511284	0
	c16	Alas2	8,275682406	8,95E-143
	c16	Hbb-bt	6,934440392	1,72E-111
	c16	Or5aq7	13,94074473	3,52E-50
	c16	Or12e14	14,18916823	3,52E-50
	c16	Pabpc4l	14,03490115	3,52E-50
	c16	Slc1a7	13,94074473	3,52E-50
	c16	Muc3a	14,14634514	3,52E-50
	c16	Pgpep1l	14,25595227	3,52E-50
	c16	Or51ah3	13,29636094	3,52E-50
	c16	Or5p60	14,41252809	3,52E-50
	c16	Ido1	12,01447401	3,52E-50
	c16	Fstl4	12,01447401	3,52E-50
	c16	Rnase9	15,02448351	3,52E-50
	c16	Rspo2	13,85252735	3,52E-50
	c16	Or9i14	14,12541332	3,52E-50
	c16	Dmrtc1b	14,03490115	3,52E-50

c16	Prg2	9,720701796	1,35E-23
c16	Skint6	9,343838972	1,35E-23
c17	Aqp1	4,939672035	0
c17	Tagln	5,996483079	0
c17	Rgs5	5,165705378	0
c17	Cldn5	5,089774218	8,46E-238
c17	Igfbp5	4,363749699	3,62E-201
c17	Ptprb	4,457475353	1,38E-128
c17	Card10	3,989347268	3,65E-113
c17	Cdk20	3,943281902	1,80E-92
c17	Myh11	3,958189985	3,31E-40
c17	Igf2	5,507776545	2,76E-30
c17	Pecam1	2,55409329	2,86E-29
c17	Acta2	3,100454496	1,11E-26
c17	Igfbp7	1,308070489	2,16E-26
c17	Gja5	5,499831252	3,90E-26
c17	Sox17	2,924094815	8,88E-26
c17	Tm4sf1	2,960517973	1,11E-23
c17	Sema3g	3,7288737	6,94E-23
c17	Tspan7	3,00258966	1,74E-21
c17	Clu	2,270501308	4,09E-21
c17	Bcam	4,020884871	2,93E-20

Proliferation	cluster	gene	avg_log2FC	p_val_adj
	c9	Tk1	8,420969458	0
	c9	E2f2	5,261109669	3,78E-27
	c9	Kif22	3,825539433	1,06E-10
	c9	Esco2	4,186609725	3,59E-09
	c9	Aunip	4,638436881	2,68E-08
	c9	Psd	3,860552172	2,78E-08
	c9	Carf	4,925381574	4,02E-08
	c9	Naaladl1	5,000988341	4,02E-08
	c9	Cep57l1	3,35510946	2,28E-07
	c9	H2ac24	2,353144426	8,99E-07
	c9	Gipc2	4,811865418	1,20E-06
	c9	Insl6	4,44405715	1,20E-06
	c9	Cchcr1	3,47985741	1,43E-06
	c9	Kn1	4,272394522	3,18E-06
	c9	Kif11	2,371819502	4,00E-06
	c9	Dbf4	2,751622922	4,12E-06
	c9	Mis18bp1	3,197824035	4,53E-06
	c9	Mcm3	2,194752878	9,56E-05
	c9	Cenpm	3,605245851	9,60E-05
	c9	Clec4b1	2,375639349	0,00012302
	c10	Rrm2	7,194781359	0
	c10	Mki67	5,993146222	0
	c10	Slbp	5,201799668	0
	c10	Top2a	5,711720311	0
	c10	Trappc11	4,148235806	1,23E-98

c10	Aurkb	2,685597228	1,95E-10
c10	Uhrf1	2,126788266	3,82E-09
c10	Tpx2	2,966656369	3,98E-09
c10	H2ac8	2,041570315	8,33E-07
c10	Prc1	2,232183716	4,64E-06
c10	Zgrf1	2,523509334	5,96E-06
c10	H1f1	1,778456793	2,42E-05
c10	Mxd3	3,124993943	4,51E-05
c10	Stmn1	1,142585273	6,43E-05
c10	H1f4	1,335311321	0,00013841
c10	Pkmyt1	2,496154438	0,00037393
c10	E2f8	2,064017314	0,00056779
c10	Ccnf	2,501168605	0,00092006
c10	Mybl2	2,479881587	0,00092622
c10	Cenpf	2,795474367	0,00145768