

ModuleScoreWilcoxonAllClusters

cluster	module	contrast	pvalue	fdr
Macrophage	TH1	wk5_vs_wk11	4.13680874612819E-130	4.96417049535383E-129
Macrophage	TH1	wk5_vs_wk13	1.0081296622671E-295	1.81463339208079E-294
Macrophage	TH1	wk5_vs_N	8.36476172325985E-21	3.34590468930394E-20
Macrophage	TH1	wk11_vs_wk13	9.82119402934877E-70	8.31912906015425E-69
Macrophage	TH1	wk11_vs_N	3.68830209517087E-176	4.82832274276914E-175
Macrophage	TH1	wk13_vs_N	0	0
Macrophage	TH17	wk5_vs_wk11	4.80427284519159E-17	1.57230747660816E-16
Macrophage	TH17	wk5_vs_wk13	5.62306291998826E-75	5.06075662798943E-74
Macrophage	TH17	wk5_vs_N	1.68531690772294E-47	1.15564587958144E-46
Macrophage	TH17	wk11_vs_wk13	0	0
Macrophage	TH17	wk11_vs_N	1.62981782887706E-303	3.35276810511852E-302
Macrophage	TH17	wk13_vs_N	6.78251195850861E-20	2.57021505796116E-19
Macrophage	Immune	wk5_vs_wk11	1.88446036867632E-58	1.42822259520732E-57
Macrophage	Immune	wk5_vs_wk13	0	0
Macrophage	Immune	wk5_vs_N	0.738631297059125	0.76865209303833
Macrophage	Immune	wk11_vs_wk13	0	0
Macrophage	Immune	wk11_vs_N	1.64319602982028E-177	2.3662022829412E-176
Macrophage	Immune	wk13_vs_N	0	0
Monocyte	TH1	wk5_vs_wk11	5.10139105997463E-30	2.53310452633223E-29
Monocyte	TH1	wk5_vs_wk13	9.00575144299293E-26	3.92978244785146E-25
Monocyte	TH1	wk5_vs_N	0.372569294023805	0.422440774326204
Monocyte	TH1	wk11_vs_wk13	4.49999837254436E-08	1.29599953129278E-07
Monocyte	TH1	wk11_vs_N	5.96400252737437E-116	6.60627972263007E-115
Monocyte	TH1	wk13_vs_N	2.00997635376774E-191	3.21596216602839E-190
Monocyte	TH17	wk5_vs_wk11	5.84498012457244E-05	0.000121982193904121
Monocyte	TH17	wk5_vs_wk13	1.16333014100429E-06	2.74622197220685E-06
Monocyte	TH17	wk5_vs_N	0.000475536216710259	0.000913029536083697
Monocyte	TH17	wk11_vs_wk13	1.18065048045619E-49	8.50068345928458E-49
Monocyte	TH17	wk11_vs_N	1.9295678489803E-35	1.11143108101265E-34

Monocyte	TH17	wk13_vs_N	0.000522834565200465	0.000977768537517752
Monocyte	Immune	wk5_vs_wk11	2.73956376016298E-17	9.39279003484452E-17
Monocyte	Immune	wk5_vs_wk13	5.8076227999223E-78	5.57531788792541E-77
Monocyte	Immune	wk5_vs_N	0.0777709914358542	0.107682911218875
Monocyte	Immune	wk11_vs_wk13	1.37006013743678E-41	8.57776781699549E-41
Monocyte	Immune	wk11_vs_N	9.78357612022917E-47	6.40379527869546E-46
Monocyte	Immune	wk13_vs_N	0	0
CD4+ T cell	TH1	wk5_vs_wk11	3.10397911349748E-19	1.14608459575292E-18
CD4+ T cell	TH1	wk5_vs_wk13	1.28919665037067E-10	3.867589951112E-10
CD4+ T cell	TH1	wk5_vs_N	0.0669484514346571	0.0964057700659063
CD4+ T cell	TH1	wk11_vs_wk13	0.000185171943671812	0.00036527068340741
CD4+ T cell	TH1	wk11_vs_N	4.86787035648543E-35	2.69605127436116E-34
CD4+ T cell	TH1	wk13_vs_N	1.02473751121846E-23	4.21606290329881E-23
CD4+ T cell	TH17	wk5_vs_wk11	1.68958057420369E-17	5.93413665086173E-17
CD4+ T cell	TH17	wk5_vs_wk13	0.817135860837526	0.834521730217047
CD4+ T cell	TH17	wk5_vs_N	4.75819696969001E-17	1.57230747660816E-16
CD4+ T cell	TH17	wk11_vs_wk13	9.02912401840742E-27	4.06310580828334E-26
CD4+ T cell	TH17	wk11_vs_N	7.96460080800564E-82	8.19216083109152E-81
CD4+ T cell	TH17	wk13_vs_N	1.37906052661273E-27	6.40595857523333E-27
CD4+ T cell	Immune	wk5_vs_wk11	6.05683423315156E-06	1.32149110541489E-05
CD4+ T cell	Immune	wk5_vs_wk13	2.99940715914576E-18	1.07978657729247E-17
CD4+ T cell	Immune	wk5_vs_N	3.484836011122E-07	9.29289602965867E-07
CD4+ T cell	Immune	wk11_vs_wk13	9.89600810166631E-05	0.000200707769949288
CD4+ T cell	Immune	wk11_vs_N	0.87629650890123	0.888638713251952
CD4+ T cell	Immune	wk13_vs_N	8.90036668039667E-05	0.000183093257425303
CD8+ T cell	TH1	wk5_vs_wk11	1.50663369735048E-08	4.42765821262183E-08
CD8+ T cell	TH1	wk5_vs_wk13	0.00484789669387682	0.00851337955997881
CD8+ T cell	TH1	wk5_vs_N	0.000494640417706615	0.00093721342302306
CD8+ T cell	TH1	wk11_vs_wk13	3.69716566871594E-07	9.6798519326381E-07
CD8+ T cell	TH1	wk11_vs_N	6.84969077974003E-36	4.10981446784402E-35
CD8+ T cell	TH1	wk13_vs_N	4.49361559224778E-34	2.39659498253215E-33
CD8+ T cell	TH17	wk5_vs_wk11	0.0813560227988792	0.111573974124177

CD8+ T cell	TH17	wk5_vs_wk13	2.21701272960456E-12	6.94021376224037E-12
CD8+ T cell	TH17	wk5_vs_N	1.2471673135565E-32	6.414003326862E-32
CD8+ T cell	TH17	wk11_vs_wk13	4.24579948012447E-29	2.03798375045975E-28
CD8+ T cell	TH17	wk11_vs_N	3.58546292196298E-64	2.86837033757039E-63
CD8+ T cell	TH17	wk13_vs_N	4.9428615522061E-20	1.92370827977751E-19
CD8+ T cell	Immune	wk5_vs_wk11	8.02751885635422E-07	1.99303916433622E-06
CD8+ T cell	Immune	wk5_vs_wk13	1.72027536269611E-13	5.50488116062756E-13
CD8+ T cell	Immune	wk5_vs_N	0.086506022844755	0.116419320463969
CD8+ T cell	Immune	wk11_vs_wk13	0.0575909530467464	0.0837686589770857
CD8+ T cell	Immune	wk11_vs_N	2.47873172686582E-07	6.86418016670534E-07
CD8+ T cell	Immune	wk13_vs_N	4.73008625140454E-25	2.00333064765369E-24
B cell	TH1	wk5_vs_wk11	0.000712928047516917	0.00129951441572704
B cell	TH1	wk5_vs_wk13	0.112570597041505	0.148717119027309
B cell	TH1	wk5_vs_N	0.741962784252277	0.76865209303833
B cell	TH1	wk11_vs_wk13	0.0260929755246337	0.0417487608394139
B cell	TH1	wk11_vs_N	2.21005094236658E-06	5.05154501112361E-06
B cell	TH1	wk13_vs_N	0.0205781976465084	0.0336734143306501
B cell	TH17	wk5_vs_wk11	0.320813183177633	0.371560570661284
B cell	TH17	wk5_vs_wk13	0.000621307516517085	0.00114702926126231
B cell	TH17	wk5_vs_N	0.0228625701601982	0.0369911247535791
B cell	TH17	wk11_vs_wk13	1.67702793609651E-07	4.73513770191955E-07
B cell	TH17	wk11_vs_N	4.14059286617612E-05	8.8991846676024E-05
B cell	TH17	wk13_vs_N	0.0883677757120205	0.117823700949361
B cell	Immune	wk5_vs_wk11	0.630005250063284	0.672005600067502
B cell	Immune	wk5_vs_wk13	0.126693063270686	0.165852737372534
B cell	Immune	wk5_vs_N	0.88415955940723	0.890342493389098
B cell	Immune	wk11_vs_wk13	0.191286998258975	0.237459721976659
B cell	Immune	wk11_vs_N	0.480875963020489	0.528596478434736
B cell	Immune	wk13_vs_N	0.0540699026453383	0.0802687214528734
Basophils	TH1	wk5_vs_wk11	0.387482254208373	0.43591753598442
Basophils	TH1	wk5_vs_wk13	0.98621064594777	0.98621064594777
Basophils	TH1	wk5_vs_N	0.585546125170476	0.629243597198124

Basophils	TH1	wk11_vs_wk13	0.0354729983736399	0.0555229539761321
Basophils	TH1	wk11_vs_N	0.19064940019261	0.237459721976659
Basophils	TH1	wk13_vs_N	0.553499678001502	0.603817830547093
Basophils	TH17	wk5_vs_wk11	0.0390610022829739	0.0592082560920867
Basophils	TH17	wk5_vs_wk13	1.05954238778886E-06	2.54290173069325E-06
Basophils	TH17	wk5_vs_N	0.000135023443315143	0.000270046886630286
Basophils	TH17	wk11_vs_wk13	4.23368697815317E-06	9.37924499775471E-06
Basophils	TH17	wk11_vs_N	0.00454123362805764	0.00807330422765802
Basophils	TH17	wk13_vs_N	0.162687905700159	0.209170164471633
Basophils	Immune	wk5_vs_wk11	2.38023591635118E-06	5.35553081179015E-06
Basophils	Immune	wk5_vs_wk13	0.0379958056192997	0.0582511252293728
Basophils	Immune	wk5_vs_N	0.0115398826299258	0.0197826559370156
Basophils	Immune	wk11_vs_wk13	1.07514252664822E-10	3.29405369866687E-10
Basophils	Immune	wk11_vs_N	4.1468838708658E-07	1.06634156679406E-06
Basophils	Immune	wk13_vs_N	0.243275119827923	0.291930143793507
NK/NKT cell	TH1	wk5_vs_wk11	0.173846435073589	0.221538819916786
NK/NKT cell	TH1	wk5_vs_wk13	0.190730915776267	0.237459721976659
NK/NKT cell	TH1	wk5_vs_N	0.805817736572622	0.828841100474697
NK/NKT cell	TH1	wk11_vs_wk13	0.715814640178351	0.752389110844398
NK/NKT cell	TH1	wk11_vs_N	0.0688074498746035	0.0981017107123059
NK/NKT cell	TH1	wk13_vs_N	0.0572319363026279	0.0837686589770857
NK/NKT cell	TH17	wk5_vs_wk11	0.393706301506354	0.439486104007093
NK/NKT cell	TH17	wk5_vs_wk13	0.422590676314197	0.468100441455726
NK/NKT cell	TH17	wk5_vs_N	0.0737969106266776	0.104183873825898
NK/NKT cell	TH17	wk11_vs_wk13	0.038025040080285	0.0582511252293728
NK/NKT cell	TH17	wk11_vs_N	0.00231856145598421	0.00417341062077157
NK/NKT cell	TH17	wk13_vs_N	0.208626692329038	0.254595285554081
NK/NKT cell	Immune	wk5_vs_wk11	0.0176898056227516	0.0299686118785439
NK/NKT cell	Immune	wk5_vs_wk13	3.21417864765551E-07	8.73286274079987E-07
NK/NKT cell	Immune	wk5_vs_N	0.000205898223370347	0.000400666813045001
NK/NKT cell	Immune	wk11_vs_wk13	0.0194999786216957	0.032275826684186
NK/NKT cell	Immune	wk11_vs_N	0.301584875741112	0.353074976477399

NK/NKT cell	Immune	wk13_vs_N	0.140943193675403	0.18284522422755
Mast cells	TH1	wk5_vs_wk11	0.259377721500285	0.30868092476067
Mast cells	TH1	wk5_vs_wk13	0.32253521758792	0.371560570661284
Mast cells	TH1	wk5_vs_N	0.207120749592361	0.254595285554081
Mast cells	TH1	wk11_vs_wk13	4.8623477820196E-05	0.000102967364795709
Mast cells	TH1	wk11_vs_N	1.78564785444258E-06	4.14731114580211E-06
Mast cells	TH1	wk13_vs_N	0.56617522125377	0.613001743312352
Mast cells	TH17	wk5_vs_wk11	0.325253597384267	0.371718397010591
Mast cells	TH17	wk5_vs_wk13	0.0340507915887918	0.0538825713053409
Mast cells	TH17	wk5_vs_N	0.0761096005976215	0.106405655204442
Mast cells	TH17	wk11_vs_wk13	4.58355165505971E-07	1.15794989180456E-06
Mast cells	TH17	wk11_vs_N	9.06367281978038E-07	2.21215065431928E-06
Mast cells	TH17	wk13_vs_N	0.690272252591781	0.730876502744239
Mast cells	Immune	wk5_vs_wk11	0.0191957838743319	0.032141777650044
Mast cells	Immune	wk5_vs_wk13	0.00499929965264226	0.00867348373470464
Mast cells	Immune	wk5_vs_N	0.0826029660940754	0.112215350165536
Mast cells	Immune	wk11_vs_wk13	0.287499682149437	0.339343887127205
Mast cells	Immune	wk11_vs_N	0.234111102674698	0.28329410743829
Mast cells	Immune	wk13_vs_N	0.044199367732451	0.0662990515986765