

Cell type deconvolution – TFs modules

DeconRNASeq_TIL10_NK.cells	0.26 (0.009)		−0.44 (6e−06)	−0.43 (1e−05)	−0.28 (0.005)			−0.26 (0.01)	
Epidish_CBSX_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_NKT.cells			−0.61 (4e−11)			0.41 (3e−05)	0.23 (0.02)	−0.26 (0.009)	−0.24 (0.02)
DENDRITIC_Subgroup_1_Iteration_1			−0.47 (1e−06)	−0.31 (0.002)		0.23 (0.02)	0.26 (0.01)		
DeconRNASeq_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_Monocytes	−0.22 (0.03)		−0.27 (0.007)		0.22 (0.03)			−0.43 (9e−06)	0.25 (0.01)
DeconRNASeq_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_NK.cells		−0.22 (0.03)		0.21 (0.04)				−0.27 (0.008)	0.28 (0.005)
DeconRNASeq_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_NKT.cells			−0.6 (8e−11)					−0.43 (1e−05)	
DeconRNASeq_scRNA.Seq_melanoma_Tiresh_sigmatrix_SuppFig_3.b_NK.cells			−0.48 (8e−07)	−0.26 (0.01)				−0.41 (4e−05)	
Epidish_LM22_Dendritic.cells.activated			−0.4 (6e−05)			0.35 (5e−04)		−0.29 (0.004)	
Quantiseq_Neutrophil		−0.32 (0.002)	0.31 (0.002)	0.23 (0.02)			−0.33 (0.001)		0.35 (5e−04)
CD4_Subgroup_1_Iteration_2									
DeconRNASeq_LM22_Dendritic.cells.activated	−0.22 (0.03)					0.2 (0.05)			
CD8_Subgroup.Similarity_2			0.5 (2e−07)			0.26 (0.01)	−0.35 (5e−04)	0.23 (0.02)	0.21 (0.04)
M2_Subgroup_1_Iteration_1				−0.2 (0.05)			−0.43 (1e−05)		
Quantiseq_Macrophage_M2			0.31 (0.002)				−0.45 (3e−06)		0.28 (0.006)
NK_Subgroup_2_Iteration_1		−0.26 (0.009)	0.32 (0.001)				−0.35 (5e−04)		
Quantiseq_Myeloid_dendritic_cell	−0.21 (0.04)	−0.32 (0.001)			0.25 (0.01)		−0.27 (0.008)		0.29 (0.005)
M1_Subgroup.Similarity_1									
Epidish_CBSX_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_B.cells	−0.21 (0.03)	−0.26 (0.01)						−0.25 (0.01)	0.3 (0.003)
CBSX__NSCLC.scRNAseq__T_cells_CD8									
DeconRNASeq_scRNA.Seq_melanoma_Tiresh_sigmatrix_SuppFig_3.b_T.cells.CD4	−0.49 (5e−07)	−0.31 (0.002)	0.2 (0.04)		0.46 (3e−06)				0.34 (8e−04)
Epidish_CCLE_TIL10_Neutrophils	−0.22 (0.03)	−0.21 (0.04)	0.23 (0.03)				−0.26 (0.009)		0.35 (5e−04)
CBSX__CCLE.TIL10__Monocytes	−0.2 (0.05)	−0.44 (8e−06)	0.24 (0.02)				−0.42 (2e−05)	−0.2 (0.05)	0.53 (2e−08)
DeconRNASeq_TIL10_Neutrophils	−0.2 (0.05)	−0.41 (3e−05)				0.26 (0.01)	−0.37 (2e−04)		0.44 (5e−06)
DeconRNASeq_scRNA.Seq_melanoma_Tiresh_sigmatrix_SuppFig_3.b_Endothelial.cells	−0.29 (0.005)	−0.33 (8e−04)	−0.29 (0.003)	−0.33 (0.001)	0.22 (0.03)	0.4 (5e−05)	−0.27 (0.008)	−0.5 (1e−07)	0.43 (9e−06)
DeconRNASeq_LM22_Monocytes		−0.36 (3e−04)	−0.25 (0.01)			0.28 (0.005)	−0.33 (0.001)	−0.49 (5e−07)	0.5 (3e−07)
DeconRNASeq_BPRNACan3DProMet_M2	−0.2 (0.04)	−0.52 (4e−08)	−0.21 (0.04)				−0.27 (0.008)	−0.46 (3e−06)	0.53 (2e−08)
CBSX__scRNA.melanoma__Endothelial_cells	−0.27 (0.008)	−0.35 (5e−04)			0.2 (0.05)		−0.35 (4e−04)	−0.37 (2e−04)	0.54 (1e−08)
CD4.RESTING_Subgroup_1_Iteration_1		−0.28 (0.006)				0.25 (0.01)	−0.2 (0.04)		0.25 (0.01)
MONOCYTES_Subgroup.Similarity_1		−0.38 (1e−04)					−0.38 (1e−04)		0.32 (0.001)
Quantiseq_NK_cell		−0.48 (6e−07)		−0.26 (0.009)			−0.36 (3e−04)		0.37 (2e−04)
CD4_Subgroup_2_Iteration_2		−0.27 (0.007)		−0.3 (0.002)		0.2 (0.05)	−0.49 (4e−07)	−0.21 (0.04)	0.35 (4e−04)
ENDOTHELIAL_Subgroup_1_Iteration_1		−0.37 (2e−04)		−0.35 (4e−04)		0.29 (0.004)	−0.42 (2e−05)	−0.34 (6e−04)	0.48 (8e−07)
DeconRNASeq_CCLE_TIL10_Macrophages.M2				−0.23 (0.03)			−0.38 (1e−04)	−0.25 (0.01)	
DeconRNASeq_TIL10_Dendritic.cells		−0.26 (0.01)		−0.42 (2e−05)		0.28 (0.005)	−0.24 (0.02)	−0.34 (8e−04)	
CAF_Subgroup_1_Iteration_2				0.47 (1e−06)		−0.25 (0.01)			
DeconRNASeq_BPRNACanProMet_Mono			0.39 (7e−05)	0.29 (0.004)					
M0_Subgroup_1_Iteration_1			0.24 (0.02)	0.37 (2e−04)		−0.24 (0.02)			
M1_Subgroup_1_Iteration_2	−0.22 (0.03)		0.22 (0.03)	0.58 (7e−10)	0.2 (0.05)	−0.24 (0.02)			−0.3 (0.003)
Epidish_BPRNACanProMet_Mono	−0.41 (3e−05)	−0.24 (0.02)	0.72 (1e−16)	0.26 (0.01)	0.38 (1e−04)	−0.33 (0.001)		0.26 (0.01)	0.27 (0.008)
DeconRNASeq_CBSX_sigmatrix_HNSCC_Fig2cd_T.cells.CD4	−0.31 (0.002)		0.67 (8e−14)		0.28 (0.006)			0.3 (0.003)	
Epidish_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_T.cells.CD8			0.52 (5e−08)			−0.34 (6e−04)		0.35 (5e−04)	
DeconRNASeq_LM22_T.cells.CD4.memory.resting			0.53 (2e−08)					0.4 (5e−05)	
CBSX__CCLE.TIL10__T.cells.CD8			0.33 (0.001)			−0.22 (0.03)		0.3 (0.003)	
B_Subgroup_1_Iteration_1	−0.23 (0.03)		0.41 (3e−05)		0.23 (0.02)				
M2_Subgroup_2_Iteration_1	−0.23 (0.02)		0.4 (5e−05)		0.21 (0.04)	−0.32 (0.002)		0.21 (0.04)	0.28 (0.006)
CANCER_Subgroup_2_Iteration_1		0.62 (1e−11)	−0.64 (2e−12)				0.85 (7e−28)		−0.74 (9e−18)
DeconRNASeq_CBSX_sigmatrix_HNSCC_Fig2cd_T.cells.CD8	0.22 (0.03)	0.2 (0.05)	−0.4 (6e−05)			−0.38 (1e−04)	0.39 (9e−05)	−0.32 (0.001)	
CBSX__TIL10__Dendritic.cells							0.26 (0.01)	−0.28 (0.005)	
DENDRITIC_Subgroup_2_Iteration_1							0.31 (0.002)	−0.36 (4e−04)	0.28 (0.006)
B_Subgroup_3_Iteration_1	0.36 (3e−04)	0.5 (2e−07)	−0.31 (0.002)		−0.27 (0.007)		0.44 (5e−06)	−0.63 (6e−12)	
NK.RESTING_Subgroup_1_Iteration_1	0.48 (8e−07)	0.35 (5e−04)			−0.43 (1e−05)		0.27 (0.007)	0.31 (0.002)	−0.46 (3e−06)
DeconRNASeq_BPRNACan3DProMet_cancer	0.27 (0.007)	0.43 (9e−06)		0.23 (0.02)			0.31 (0.002)		−0.43 (1e−05)
CD4.ACTIVATED_Subgroup.Similarity_1		0.36 (3e−04)		0.25 (0.02)		−0.25 (0.01)	0.4 (6e−05)	0.36 (3e−04)	−0.43 (1e−05)
Epidish_scRNA.Seq_melanoma_Tiresh_sigmatrix_SuppFig_3.b_T.cells.CD8		0.29 (0.004)				−0.21 (0.04)	0.25 (0.01)	0.32 (0.001)	−0.37 (2e−04)
M1_Subgroup_2_Iteration_1		0.25 (0.02)				−0.34 (8e−04)	0.39 (7e−05)	0.51 (1e−07)	−0.4 (4e−05)
CBSX__HNSCC__T_cells_CD4			0.33 (0.001)				0.23 (0.02)	0.42 (2e−05)	−0.26 (0.01)
Epidish_CBSX_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_T.cells.CD4			0.25 (0.01)					0.44 (6e−06)	−0.23 (0.02)
CD8_Subgroup.Similarity_1			0.41 (3e−05)			−0.37 (2e−04)		0.58 (4e−10)	−0.26 (0.01)
B_Subgroup_1_Iteration_2			0.28 (0.005)	−0.22 (0.03)				0.37 (2e−04)	−0.2 (0.05)
CBSX__TIL10__NK.cells	0.31 (0.002)				−0.29 (0.004)			0.26 (0.009)	−0.21 (0.04)
DeconRNASeq_TIL10_T.cells.CD8									
Epidish_TIL10_NK.cells	0.21 (0.04)			−0.24 (0.02)	−0.21 (0.04)				
CBSX__LM22__T_cells_CD8				−0.22 (0.03)					−0.23 (0.02)
CBSX__scRNA.melanoma__T_cells_CD8									
CBSX__NSCLC.scRNAseq__B_cells									
DeconRNASeq_CBSX_LM22_Dendritic.cells.resting									0.25 (0.01)
Epidish_Fig2ab.NSCLC_PBMCs_scRNAseq_sigmatrix_Monocytes									
CBSX__TIL10__Macrophages.M2									
CBSX__NSCLC.scRNAseq__T_cells_CD4									

