

Table S1 XXXXXXXXXXXXXXXXXXXX

Variable	High_median	Low_median	P value
xcell_plasma_cells	0.0169	0.0367	0.0000
xcell_hsc	0.1371	0.2118	0.0000
xcell_fibroblasts	0.0438	0.0969	0.0000
xcell_th2_cells	0.1695	0.0887	0.0000
xcell_stroma_score	0.0453	0.0800	0.0000
xcell_microenvironment_score	0.2399	0.3402	0.0000
xcell_memory_b_cells	0.0000	0.0138	0.0000
xcell_neurons	0.0010	0.0019	0.0000
xcell_b_cells	0.0383	0.0986	0.0000
xcell_immune_score	0.1732	0.2396	0.0000
xcell_class_switched_memory_b_cells	0.0170	0.0335	0.0000
xcell_ly_endothelial_cells	0.0095	0.0179	0.0000
xcell_chondrocytes	0.0107	0.0332	0.0000
xcell_dc	0.0667	0.0954	0.0000
xcell_c_dc	0.0900	0.1707	0.0000
xcell_macrophages_m2	0.0195	0.0296	0.0000
xcell_megakaryocytes	0.0030	0.0048	0.0000
xcell_adipocytes	0.0038	0.0062	0.0000
xcell_cd4_tem	0.0188	0.0329	0.0001
xcell_hepatocytes	0.0000	0.0015	0.0001
xcell_cd8_t_cells	0.0047	0.0163	0.0001
xcell_i_dc	0.4766	0.6013	0.0002
xcell_sebocytes	0.0100	0.0118	0.0002
xcell_smooth_muscle	0.1892	0.1478	0.0003
xcell_mv_endothelial_cells	0.0269	0.0359	0.0003
xcell_cd8_tcm	0.0301	0.0459	0.0006
xcell_endothelial_cells	0.0367	0.0515	0.0009
xcell_a_dc	0.3204	0.3716	0.0013
xcell_cd4_tcm	0.0000	0.0000	0.0016
xcell_clp	0.0194	0.0140	0.0043
xcell_cmp	0.0000	0.0000	0.0053
xcell_myocytes	0.0052	0.0075	0.0080
xcell_pro_b_cells	0.0000	0.0000	0.0099
xcell_nkt	0.0448	0.0612	0.0106
xcell_melanocytes	0.0044	0.0054	0.0162
xcell_macrophages_m1	0.0454	0.0365	0.0189
xcell_eosinophils	0.0000	0.0004	0.0190
xcell_cd4_t_cells	0.0000	0.0000	0.0374
xcell_erythrocytes	0.0000	0.0000	0.0447
xcell_nk_cells	6.80E-19	0	0.05
xcell_mpp	1.73E-19	4.05E-19	0.06
xcell_keratinocytes	0.016932	0.014005	0.06
xcell_th1_cells	0.017991	0.011476	0.08
xcell_cd4_naive_t_cells	1.2176504744615e-18	2.33925417423834e-18	0.09
xcell_preadipocytes	0	0	0.15
xcell_epithelial_cells	0.190396	0.184289	0.16
xcell_osteoblast	0.017712	0.011327	0.17
xcell_naive_b_cells	3.96760288077488e-19	4.91520863465696e-19	0.24
xcell_cd4_memory_t_cells	0.001607	0.001349	0.27
xcell_mep	0.026784	0.026098	0.32
xcell_neutrophils	1.46850218746548e-19	9.03743453006199e-20	0.37
xcell_gmp	0.011102	0.006694	0.38
xcell_monocytes	0.023732	0.024117	0.42
xcell_tgd_cells	1.08788406760028e-18	7.60221506737521e-19	0.48
xcell_tregs	1.92418735333562e-17	0.000248	0.49
xcell_pericytes	0.02503	0.028548	0.50
xcell_macrophages	0.073264	0.071565	0.64
xcell_p_dc	0.042228	0.044134	0.66
xcell_skeletal_muscle	8.7491231572561e-20	4.69720062021344e-20	0.68
xcell_cd8_tem	1.65090444322527e-18	2.50153812584474e-18	0.74
xcell_platelets	4.74646247350936e-20	0	0.75
xcell_astrocytes	4.29040675069742e-18	6.90633678690326e-18	0.76
xcell_mesangial_cells	0.028349	0.030058	0.77
xcell_msc	0.152086	0.141927	0.79
xcell_cd8_naive_t_cells	0.000143	0.000397	0.80
xcell_mast_cells	0.00837	0.007949	0.95
xcell_basophils	0.046821	0.043939	0.96