

Supplementary Table 3. Mann-Whitney U tests on RNA expression data of SAID patients vs. negative controls. Positive Z-scores indicate an increased expression profile of that gene in SAID patients, while negative Z-scores indicate higher expression in controls. In the last column, p-values are corrected for multiple testing using the Benjamini-Hochberg correction. Grey highlighted p-values are <0.05.

	Gene	Z-score	p-value	p-value (BH-corrected)
Genes related to the innate immune responses	IL1B	1.7632	0.0779	0.3893
	PTGS2	2.0716	0.0383	0.3830
	CXCL2	0.7557	0.4498	0.8975
	CXCL3	1.5537	0.1203	0.4271
	PTX3	0.3490	0.7271	0.8975
	ATP2B1-AS1	-0.5614	0.5745	0.8975
	ZFP36	1.0211	0.3072	0.6827
	SGK1	1.5215	0.1281	0.4271
	ATF3	1.8671	0.0619	0.3893
	CXCL8	0.1638	0.8699	0.8975
Genes related to the adaptive immune responses	BLNK	-0.1920	0.8477	0.8975
	SPIB	-1.1476	0.2511	0.6278
	FCRLA	-0.4033	0.6868	0.8975
	FAM30A	0.3953	0.6926	0.8975
	SNX22	0.1288	0.8975	0.8975
	FCRL2	-0.5603	0.5753	0.8975
	CD19	0.1954	0.8451	0.8975
	CD22	0.2157	0.8292	0.8975
	MS4A1	-1.1691	0.2424	0.6278
	IGHM	2.1789	0.0293	0.3830