

Supplementary Table S1

Plasma levels of mir-34a-5p correlate with systemic inflammation and low naïve CD4 T cells in common variable immunodeficiency

Sofia Nyström^{1,2*}, Jonas Hultberg², Emelie Blixt¹, Åsa Nilsson-Augustinsson³ and Marie Larsson²

¹Clinical Immunology and Transfusion Medicine, Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden, ²Division of molecular medicine and virology, Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden, ³Division of inflammation and infections, Department of Biomedical and Clinical Sciences, Linköping University, Linköping, Sweden

*Corresponding author: sofia.c.nystrom@liu.se

Table S1 Key Resources

Reagent or Resource	Source	Identifier
Biological samples		
Human blood samples (CVID)	Linköping University Hospital, Sweden	
Human blood samples (Healthy donors)	Linköping University Hospital, Sweden	
Reagents for flow cytometry		
BD Multitest™ reagent CD3/CD8/CD45/CD4 with trucount tubes	https://wwwbdbiosciences.com	#342447
BD FACS™ lysing solution	https://wwwbdbiosciences.com	#349202

CD45RA-FITC clone L48	https://www.bdbiosciences.com	#335039
CD62L-APC clone Dreg56	https://www.bdbiosciences.com	#559772
CD4-PE-Cy7 clone SK3	https://www.bdbiosciences.com	#557852
CD8-APC-H7 clone SK1	https://www.bdbiosciences.com	#560179
CD3-Horizon V450 clone UCHT1	https://www.bdbiosciences.com	#560365
Critical Commercial Reagents/Assays		
miRNeasy kit	https://www.qiagen.com/	#217184
QIAseq miRNA Library Kit	https://www.qiagen.com/	#331502
miRCURY LNA RT Kit	https://www.qiagen.com/	#339340
Olink Target 96 Inflammation panel	https://olink.com/	vs3021
Deposited Data		
	This paper	GEO
Software and Algorithms		
Kaluza (software)	https://www.beckman.com	v2.1
Prism (software)	https://www.graphpad.com	v9.5.0
Qiagen CLC Genomics Server	https://digitalinsights.qiagen.com	v21.0.4 QIAseq miRNA quantification
Qiagen CLC Genomics Server	https://digitalinsights.qiagen.com	v21.0.4 RNA-Seq analysis

Qiagen CLC Genomics Workbench	https://digitalinsights.qiagen.com	v21.0.4 Empirical analysis of DGE
DSeq2	https://bioconductor.org	v1.28.1
Heatmapper	http://www.heatmapper.ca/	Expression
Calculate and draw custom Venn diagrams	https://bioinformatics.psb.ugent.be/webtools/Venn/	
miRNA Enrichment Analysis and Annotation Tool (miEAA)	https://ccb-compute2.cs.uni-saarland.de/mieaa2/	v2.0
Uniprot	https://www.uniprot.org/	Release 2022_05
STRING: Protein-Protein Interaction Networks Functional Enrichment Analysis	https://string-db.org/	Version 11.5
GeneTrail Advanced high- throughput enrichment analysis	https://genetrail.bioinf.uni-sb.de	Version 3.2