

**DataS2**

**Systems biological assessment of the temporal dynamics of immunity to a viral infection in the first weeks and months of life**

Florian Wimmers, Allison R. Burrell, Yupeng Feng, Hong Zheng, Prabhu S. Arunachalam, Mengyun Hu, Sara Spranger, Lindsay Nyhoff, Devyani Joshi, Meera Trisal, Mayanka Awasthi, Lorenza Bellusci, Usama Ashraf, Sangeeta Kowli, Katherine C. Konvinse, Emily Yang, Michael Blanco, Kathryn Pellegrini, Gregory Tharp, Thomas Hagan, R. Sharon Chinthrajah, Alba Grifoni, Alessandro Sette, Kari C. Nadeau, David B. Haslam, Steven E. Bosinger, Jens Wrammert, Holden T. Maecker, Paul J. Utz, Taia T. Wang, Surender Khurana, Purvesh Khatri, Mary A. Staat, Bali Pulendran

## Antigens auto-antibody panel

Antigen	Type	Vendor	Catalogue No
Bare Bead	Control		
Human IgG from serum	Control	Sigma	I4506
Anti-Human IgG Fc specific	Control	Jackson	109-005-008
Anti-Human IgG H+L	Control	Jackson	109-005-003
Anti-Human IgG Fab specific	Control	Jackson	109-005-006
RPP14 (Th/To)	Scleroderma	Origene	TP760291
RPP25 (Th/To)	Scleroderma	Origene	TP303538
CENP A	Scleroderma	Diarect	A16901
CENP B	Scleroderma	Diarect	A12501
Scl-70, full-length	Scleroderma	Diarect	A12401
Scl-70, truncated	Scleroderma	Diarect	A14501
POLR3H	Scleroderma	Origene	TP310633
Fibrillarin	Scleroderma	Prospec	ENZ-566
U11/U12	Scleroderma	Origene	TP303746
PM/ScI 100	Myositis/Overlap Syndromes	Diarect	A16001
MDA5	Myositis/Overlap Syndromes	Diarect	A30001
Troponin I	Myositis/Overlap Syndromes	Prospec	PRO-1269
MYH6	Myositis/Overlap Syndromes	Origene	TP313673
MI-2	Myositis/Overlap Syndromes	Diarect	A18101
EJ	Myositis/Overlap Syndromes	Diarect	A11101
JO1	Myositis/Overlap Syndromes	Diarect	A12901
PL-7	Myositis/Overlap Syndromes	Diarect	A15601
PL-12	Myositis/Overlap Syndromes	Diarect	A15701
SRP54	Myositis/Overlap Syndromes	Diarect	A18401
Ro52	SLE/Sjogren's	Diarect	A12701
Ro60 (bovine)	SLE/Sjogren's	Diarect	A15501
Ro60	SLE/Sjogren's	Diarect	A17401
La/SSB	SLE/Sjogren's	Diarect	A12801
Sm/RNP	SLE/Sjogren's	Immunovision	SRC-3000
Smith	SLE/Sjogren's	Immunovision	SMA-3000
U1-snRNP A	SLE/Sjogren's	Diarect	A13101

U1-snRNP C	SLE/Sjogren's	Diarect	A13201
PCNA	SLE/Sjogren's	Diarect	A15401
Ribo P0	SLE/Sjogren's	Diarect	A14101
Ribo P2	SLE/Sjogren's	Diarect	A14301
PDH	GI/Endocrine	Sigma	P7032
PDC-E2	GI/Endocrine	Diarect	A17901
TPO	GI/Endocrine	Diarect	A12101
TG	GI/Endocrine	Diarect	A12201
Intrinsic Factor	GI/Endocrine	Diarect	A16701
LKM1	GI/Endocrine	Diarect	A13501
Ku, p70/80	Nucleosomes	Diarect	A17301
Nucleolin	Nucleosomes	Diarect	A19701
Whole Histone	Nucleosomes	Immunovision	HIS-1000
Histone 1	Nucleosomes	Immunovision	HIS-1001
Histone 2A and 4	Nucleosomes	Immunovision	HIS-1002
Histone 2B	Nucleosomes	Immunovision	HIS-1003
Histone 3	Nucleosomes	Immunovision	HIS-1004
C1q	Tissue Inflammation	Biodesign	A90150H
Beta 2 Glycoprotein 1	Tissue Inflammation	Diarect	A14901
Myeloperoxidase	Tissue Inflammation	Diarect	A18501
Proteinase 3	Tissue Inflammation	Diarect	A18601
BPI	Tissue Inflammation	Arotec	ATB01-02
GBM dissociated	Tissue Inflammation	Diarect	A16801
HSP 70	Tissue Inflammation	Stressgen	NSP-555
HSP 90	Tissue Inflammation	Stressgen	SPP-770
PM/Sci-75	Myositis/Overlap Syndromes	Diarect	A17001
Ribo P1	SLE/Sjogren's	Diarect	A14201
IFNalpha1	Interferon	Prospec	CYT-291
IFNalpha2	Interferon	R&D	11101-2
IFNalpha6	Interferon	MyBioSource	MBS1351081
IFNalpha7	Interferon	Prospec	CYT-196
IFNalpha8	Interferon	Sino	10347-H08H
IFNalpha10	Interferon	Sino	10349-H08H
IFNbeta	Interferon	Peprotech	300-02BC
IFNgamma	Interferon	Peprotech	300-02
IFNepsilon	Interferon	R&D	9667-ME- 025/CF
IFNlambda1	Interferon	Peprotech	300-02L
IFNlambda2	Interferon	Peprotech	300-02K

IFNlambda3	Interferon	R&D	5259-IL-025/CF
IFNomega	Interferon	R&D	11395-1
IL-1alpha	Interleukin	Prospec	CYT-253
IL-1beta	Interleukin	Peptotech	200-01B
IL-2	Interleukin	Peptotech	200-02
IL-4	Interleukin	Peptotech	200-04
IL-6	Interleukin	Peptotech	200-06
IL-7	Interleukin	Peptotech	200-07
IL-10	Interleukin	Peptotech	200-10
IL-11	Interleukin	Prospec	CYT-214
IL-12p40	Interleukin	Sino	10052-H02H
IL-12p70	Interleukin	Peptotech	200-12
IL-13	Interleukin	Peptotech	200-13
IL-15	Interleukin	Peptotech	200-15
IL-17A	Interleukin	Peptotech	200-17
IL-17F	Interleukin	Peptotech	200-25
IL-21	Interleukin	Peptotech	200-21
IL-22	Interleukin	Peptotech	200-22
IL-27	Interleukin	Prospec	CYT-048
IL-31	Interleukin	Prospec	CYT-625
IL-33	Interleukin	Peptotech	200-33
ACE2	Other Cytokine	Sino	10108-H05H
C3a	Other Cytokine	R&D	3677-C3-025
CD74	Other Cytokine	Prospec	PRO-1467
CNTF	Other Cytokine	Prospec	CYT-272
CRP	Other Cytokine	Prospec	PRO-335
CT-2	Other Cytokine	Prospec	PRO-1578
d-dimer	Other Cytokine	LeeBio	200-13-0.1
Eotaxin	Other Cytokine	Peptotech	300-21
Eotaxin 2	Other Cytokine	Peptotech	300-33
Fractalkine/CX3CL1	Other Cytokine	Peptotech	300-31
GM-CSF	Other Cytokine	Peptotech	300-03
HTRA1	Other Cytokine	R&D	2916-SE-020
IP-10/CXCL10	Other Cytokine	Peptotech	300-12
LIF	Other Cytokine	Peptotech	300-05
MCP-2/CCL8	Other Cytokine	Peptotech	300-15
MIP-1alpha	Other Cytokine	Peptotech	300-08
OSM	Other Cytokine	Peptotech	300-10

PDGFBB	Other Cytokine	Peprotech	100-14B
SDF-1a/CXCL12	Other Cytokine	Peprotech	300-28A
sRANK-ligand	Other Cytokine	Peprotech	310-01C
TIF1-gamma	Other Cytokine	Diarect	A11001
TNFalpha	Other Cytokine	Peprotech	300-01A
TNFbeta	Other Cytokine	Peprotech	300-01B
VEGFB	Other Cytokine	Peprotech	100-20B