

PROTEINS OF  
IMMUNOLOGICAL  
INTEREST

S

QW  
16  
S479p  
1983  
OVERSIZE







- 6; 20 Position -1 of 145'CL (precursor heavy chains) should be Phe.
- 15; 31 Pau and Paul are the same protein.  
35
- 54; 204 The antibody specificities for 10K44-7A1 and 10K26-12A1 (mouse kappa  
205 light chains) should be by anti-p-azobenzene arsonate.
- 65; 13 SAPC178 and SAPC176 (mouse lambda light chains) should be named as S178  
16 and S176.
- 65; 4 References for HOPC1, J698, H2061, S176, and H2020 (mouse lambda light  
5 chains) should be Weigert, M., Cesari, I.M., Yonkovich, S.J. & Cohn, M.  
6 (1970) Nature, 228, 1045-1047.  
16  
17
- 65; 7 References for W3159 and MOPC511 (mouse lambda light chains) should be  
12 Cesari, I.M. & Weigert, M. (1973) Proc. Natl. Acad. Sci. U.S.A., 70,  
2112-2116.
- 65; 2 J558, XS104, and S178 (mouse lambda light chains) were sequenced  
3 completely, while HOPC1, J698, H2061, S176, H2020, W3159, and MOPC511  
13 (mouse lambda light chains) were analyzed by amino acid sequence  
compositions.
- 66; 26 There is an additional reference to TEPC952 and MA8-13 (mouse lambda  
27 light chains) i.e., Elliott, B.W., Jr., Steiner, L.A. & Eisen, H.N.  
(1981) Fed. Proc., 40, 1098.
- 67; The statement in the notes of mouse lambda light chains, "The order of  
the genes has been determined as V1-J3-C3-J1-C1-V2-J2-C2-J4-C4," should  
be replaced by "There are two linkage groups: J3-C3-J1-C1 and  
J2-C2-J4-C4."
- 111; 23 Positions 13 and 14 of CAM (human heavy chain subgroup III) should be  
Gln and Lys respectively.
- 168; 30 Position 171 of S43'CL (light constant chain) should be Asn.
- 168; 35 Positions 142 and 143 of MOPC315 (light constant chain) should be Ser  
and Gly respectively, based on the translation from nucleotide sequences  
(Bothwell, A.L.M., Paskind, M., Roth, M., Imanishi-Kari, T., Rajewsky,  
K. & Baltimore, D. (1982) Nature, 298, 380-382; Wu, G.E., Govindi, N.,  
Hozumi, N. & Murialdo, H. (1982) Nucl. Acids Res., 10, 3831-3843).
- 185; 52 Positions 258 and 263 of MOPC173 (heavy constant chain) have been  
revised by the authors to Pro and Val respectively.
- 246; The position numbering for the codons of light chain variable region  
should read as 95, 95A, 95B, 95C, 95D, 95E, 95F, 96, and 97.

The human kappa J-segments (Hieter, P.A., Maizel, J.V., Jr. & Leder, P. (1982) J. Biol. Chem., 257, 1516-1522) are as follows:

	J1	J2	J3	J4	J5
96	TGG TRP	TAC TYR	TTC PHE	CTC LEU	ATC ILE
97	ACG THR	ACT THR	ACT THR	ACT THR	ACC THR
98	TTC PHE	TTT PHE	TTC PHE	TTC PHE	TTC PHE
99	GGC GLY	GGC GLY	GGC GLY	GGC GLY	GGC GLY
100	GAA GLN	CAG GLN	CCT PRO	GGA GLY	CAA GLN
101	GGG GLY	GGG GLY	GGG GLY	GGG GLY	GGG GLY
102	ACC THR	ACC THR	ACC THR	ACC THR	ACA THR
103	AAG LYS	AAG LYS	AAA LYS	AAG LYS	CGA ARG
104	GTG VAL	CTG LEU	GTG VAL	GTG VAL	CTG LEU
105	GAA GLU	GAG GLU	GAT ASP	GAG GLU	GAG GLU
106	ATC ILE	ATC ILE	ATC ILE	ATC ILE	ATT ILE
107	AAA LYS	AAA LYS	AAA LYS	AAA LYS	AAA LYS
108	CGT ARG	CGT ARG	CGT ARG	CGT ARG	CGT ARG

Tabulation and Analysis of  
Amino Acid and Nucleic Acid Sequences of  
Precursors, V-Regions, C-Regions, J-Chain,  
 $\beta_2$ -Microglobulins, Major Histocompatibility Antigens,  
Thy-1, Complement, C-Reactive Protein, Thymopoietin,  
Post-gamma Globulin, and  $\alpha_2$ Macroglobulin

1983

*Elvin A. Kabat\**, *Tai Te Wu*<sup>†</sup>, *Howard Bilofsky*<sup>‡</sup>,  
*Margaret Reid-Miller*<sup>‡</sup>, and *Harold Perry*<sup>‡</sup>

\*Depts. of Microbiology, Human Genetics and Development, and Neurology, Cancer Center/  
Institute of Cancer Research, College of Physicians and Surgeons, Columbia University, New  
York, NY 10032 and the National Institute of Allergy and Infectious Diseases, Bethesda, MD  
20205

<sup>†</sup>Depts. of Biochemistry, Molecular Biology, and Cell Biology, and Engineering Sciences and  
Applied Mathematics, Northwestern University, Evanston, IL 60201 and the Cancer Center,  
Northwestern University Medical School, Chicago, IL 60611

<sup>‡</sup>Bolt Beranek and Newman Inc., Cambridge, MA 02238

The collection and maintenance of this data base is sponsored through Contract N01-RR-8-2118  
by the following components of the National Institutes of Health, Bethesda, MD 20205:

Division of Research Resources  
National Cancer Institute  
National Institute of Allergy and Infectious Diseases  
National Institute of Arthritis, Diabetes, Digestive and Kidney Diseases  
National Institute of General Medical Sciences

U.S. DEPARTMENT OF HEALTH  
AND HUMAN SERVICES

Public Health Service  
National Institutes of Health

(1983)

Our listing of sequences will be kept up to date. Investigators are invited to send additional sequence data when accepted for publication. Send two copies of the manuscript together with a letter of acceptance from a journal to:

Dr. E.A. Kabat  
National Institutes of Health  
Building 4, Room 337  
9000 Rockville Pike  
Bethesda, Maryland 20205

If a computer tape is available, please send it to facilitate entering sequences.

When published, three reprints should be provided.

If any published sequences have been overlooked or if any errors are found, please bring them to our attention.

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.