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# New nucleotide sequence data on the EMBL File Server

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April 21 to May 5, 1992

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New nucleotide sequence data, available from the EMBL File Server, (see Stoehr, P.J. and Omond, R.A. (1989) *Nucleic Acids Res.*, **17** (16), 6763–6764), are reported below. Availability of all the newest sequence data is the result of collaboration between the EMBL Data Library, GenBank® and DDBJ, and data are supplied regularly by these groups. Updates to existing data are not reported here. This report has been prepared by the EMBL Data Library.

The EMBL File Server can be used by anyone who has access to electronic mail networks. Database entries can be retrieved by sending a mail message to the Internet address NetServ@EMBL-Heidelberg.DE containing the GET command. For example, to get the entry with the accession number X12399, the message should include the following line:

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GET NUC:X12399
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The requested file(s) will be returned automatically via electronic mail. More introductory documentation can be obtained by using the file server command:

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HELP
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## PRIMATES:

Homo sapiens activator 1 (replication factor C) 40 kDa subunit (A1) mRNA, complete cds.

Chen M., Pan Z.Q., Hurwitz J.;  
Proc. Natl. Acad. Sci. U.S.A. 89:2516–2520(1992). M87338

H.sapiens mRNA fragment for alpha-2 macroglobulin receptor  
Kristensen T., Moestrup S.K., Gliemann J., Bendtsen L., Sand O.,  
Sottrup-Jensen L.;  
FEBS Lett. (In Press) X55077

Human acetylcholinesterase (ACHE) gene, exon 2 and start of exon 3H.

Li Y., Camp S., Rachinsky T.L., Getman D., Taylor P.;  
J. Biol. Chem. 266:23083–23090(1991). M76539

H.sapiens mRNA for anion exchange protein 2 (AE2)

Gehrig H., Mueller W., Appelhans H.;  
Biochim. Biophys. Acta 1130:326–328(1992). X62137

Human aldehyde dehydrogenase mRNA, complete cds.

Hsu L.C., Chang W.C., Shibuya A., Yoshida A.;  
Unpublished. M77477

Human aldehyde dehydrogenase type III (ALDHIII) mRNA, complete cds.

Schuuring E., Verhoeven E., Eckey R., Vos H., Michalides R.;  
Unpublished. M74542

Human acute myeloid leukemia (AML-1) mRNA, complete cds.

Miyoshi H., Shimizu K., Kozu T., Maseki N., Kaneko Y., Ohki M.;  
Proc. Natl. Acad. Sci. U.S.A. 88:10431–10434(1991). M83215

Human annexin VIII mRNA, complete cds.

Chang K.S., Freireich E.J., Wang G., Daly M., Naylor S.L.,  
Trujillo J.M., Stass S.A.;  
Unpublished. M81844

H.sapiens apolipoprotein A-I (APOA1) gene, exon 1 and 5' end.  
Ichinose A.;

Biochemistry 31:3113–3118(1992). M86877

H.sapiens apolipoprotein A-II (APOA2) gene, exon 1 and 5' end.  
Ichinose A.;

Biochemistry 31:3113–3118(1992). M86878

H.sapiens mRNA for ATFa gene

Chatton B., Gaire M., Goetz J., Hauss C., Keding C.;  
Unpublished. X57197

H.sapiens carbonic anhydrase II (CAII) gene, exons 4 and 6.

Venta P.J., Welty R.J., Johnson T.M., Sly W.S., Tashian R.E.;  
Unpublished. M77178,M77180

Human leukocyte adhesion receptor-alpha subunit (CD11b) gene, 5' end.

Shelley C.S., Arnaout M.A.;  
Proc. Natl. Acad. Sci. U.S.A. 88:10525–10529(1991). M76724

Human transmembrane protein (CD59) gene, exon 1.

Petranka J.G., Fleenor D.E., Sykes K., Kaufman R.E., Rosse W.F.;  
Unpublished. M84345

Human transmembrane protein (CD59) gene, exon 4.

Petranka J.G., Fleenor D.E., Sykes K., Kaufman R.E., Rosse W.F.;  
Unpublished. M84349

H.sapiens DNA for liver cytochrome b5 pseudogene

Yoo M., Steggle A.W.;  
Unpublished. X53941

H.sapiens gene locus DXS278 (S232-RU1) DNA

Li X.M., Yen P.H., Shapiro L.J.;  
Nucleic Acids Res. (In Press) X65445

- H.sapiens gene locus DXS278 (S232-RU2) DNA  
Li X.M., Yen P.H., Shapiro L.J.;  
*Nucleic Acids Res. (In Press)* X65446
- H.sapiens gene locus DXS278 (S232-5F) DNA  
Li X.M., Yen P.H., Shapiro L.J.;  
*Nucleic Acids Res. (In Press)* X65447
- Homo sapiens endogenous HIV-1 related sequence (EHS-1).  
Horwitz M.S., Boyce-Jacino M.T., Faras A.J.;  
*J. Virol.* 66:2170-2179(1992). M85292
- Homo sapiens endogenous HIV-1 related sequence (EHS-2) gene,  
partial cds.  
Horwitz M.S., Boyce-Jacino M.T., Faras A.J.;  
*J. Virol.* 66:2170-2179(1992). M86246
- Human coagulation factor X gene, 5' flank.  
Huang M.N., Hung H.L., Stanfield-Oakley S.A., High K.A.;  
Unpublished. M92096
- H.sapiens rearranged immunoglobulin signal joint F607  
Weichhold G., Klobeck H.G., Ohnheiser R., Combriato G.,  
Zachau H.G.;  
*Nature (In Press)* X54247
- Human Fc-gamma-receptorIIB (FCGR2B) gene, exons 1-8.  
Qiu W.Q.;  
Unpublished. M90728-M90735
- Human Fc-gamma-receptorIIA (FCGR2A) gene, exons 1-6.  
Qiu W.Q.;  
Unpublished. M90721-M90726
- Human Fc-gamma-receptorIIA (FCGR2A) gene, exon 8 and  
incomplete (missing exon 7) mRNA.  
Qiu W.Q.;  
Unpublished. M90727
- Human Fc-gamma-receptorIIIB(FCGR3B) gene, exons 1,2,4.  
Qiu W.Q.;  
Unpublished. M90743-M90745
- Human Fc-gamma-receptorIIIB(FCGR3B) gene, exon 5 and  
incomplete (missing exon 3) mRNA.  
Qiu W.Q.;  
Unpublished. M90746
- Human Fc-gamma-receptorIIC (FCGR3C) gene, exons 1,3-7.  
Qiu W.Q.;  
Unpublished. M90736-M90741
- Human Fc-gamma-receptorIIC (FCGR2C) gene, exon 8 and  
incomplete mRNA.  
Qiu W.Q.;  
Unpublished. M90742
- H.sapiens GAT1 mRNA for GABA transporter  
Nelson H., Mandiyan S., Nelson N.;  
*FEBS Lett. (In Press)* X54673
- Human glial fibrillary acidic protein (GFAP), exon 1.  
Besnard F., Brenner M., Nakatani Y., Chao R., Purohit H.J.,  
Freese E.;  
*J. Biol. Chem.* 266:18877-18883(1991). M67446
- Human glucose transporter (glut4) gene 5' flanking region.  
Berger J., Strout H.V.;  
Unpublished. M61126
- H.sapiens mRNA HLA-A2.5 antigen  
Castano A.R., Lopez de Castro J.A.;  
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- Human homeobox 2.1 protein (HOX2A) mRNA, complete cds.  
Hauser C.A., Galang C.K.;  
Unpublished. M92299
- H.sapiens hZNF1 - hZNF7 (22) zn finger genes  
Aubry M., Marineau C., Figuelewicz D., Delattre O., Thomas G.,  
De Jong P.J., Julien J.P., Rouleau G.A.;  
*Genomics (In Press)* X60074-X60078,X63182
- Human mRNA for T-cell receptor V beta gene segment  
V-beta-w21  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58796-X58797
- Human mRNA for T-cell receptor V beta gene segment V-beta-  
w22, clone IGRb03  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58798
- Human mRNA for T-cell receptor V beta gene segment V-beta-  
w23, clone IGRb04  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58799
- Human mRNA for T-cell receptor V beta gene segment V-beta-  
w24, clone IGRb05  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58800
- Human mRNA for T-cell receptor V beta gene segment V-beta-5  
Ferradini L.;  
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- Human mRNA for T-cell receptor V beta gene segment V-beta-6  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58805-X58807
- Human mRNA for T-cell receptor V beta gene segment V-beta-12,  
clone IGRb13  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58808
- Human mRNA for T-cell receptor V beta gene segment V-beta-13  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58809-X58810,X58815
- Human mRNA for T-cell receptor V beta gene segment V-beta-7  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58811-X58813
- Human mRNA for T-cell receptor V beta gene segment V-beta-9,  
clone IGRb20  
Ferradini L.;  
*Eur. J. Immunol.* 21:935-942(1991). X58814
- Homo sapien interleukin-1 beta convertase (IL1BCE) mRNA,  
complete cds.  
Cerretti D.P., Kozlosky C.J., Mosley B., Nelson N., Van Ness  
K., Greenstreet T.A., March C.J., Kronheim S.R., Druck T.,  
Cannizzaro L.A., Huebner K., Black R.A.;  
Unpublished. M87507

- H.sapiens rearranged VH3 gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished.  
Z11935,Z11942–Z11944,Z11950–Z11953,Z11956,Z11960
- H.sapiens rearranged immunoglobulin joining region gene  
Mortari F.;  
Unpublished. Z11936–Z11939,Z11947
- H.sapiens rearranged VH4 gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished.  
Z11940–Z11941,Z11945,Z11948–Z11949,Z11954–Z11955,Z11958
- H.sapiens rearranged VH7 gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished. Z11971
- H.sapiens rearranged VH gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished. Z11959
- H.sapiens rearranged immunoglobulin IgA1 variable heavy chain gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished. Z11946
- H.sapiens rearranged VH1 gene encoding immunoglobulin variable region  
Mortari F.;  
Unpublished. Z11957
- H.sapiens insulin receptor gene, exon 1.  
McKeon C., Pham T., Walker G.E.;  
Unpublished. M76592
- Human transmembrane receptor tyrosine kinase (K-sam) mRNA, complete cds.  
Kato M., Hattori Y., Sasaki H., Tanaka M., Sugano K., Yazaki Y., Sugimura T., Terada M.;  
Proc. Natl. Acad. Sci. U.S.A. 89:2960–2964(1992). M87770
- Human secreted tyrosine kinase receptor (K-sam) mRNA, complete cds.  
Kato M., Hattori Y., Sasaki H., Tanaka M., Sugano K., Yazaki Y., Sugimura T., Terada M.;  
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Paietta E., Racevskis J., Stockert R.J.;  
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Paietta E., Racevskis J., Stockert R.J.;  
Hepatology 15:395–402(1992). X55283
- H.sapiens monoamine oxidase B (MAOB) gene, exon 2.  
Konradi C.L., Ozelius L., Breakefield X.O.;  
Unpublished. M77191
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Kaplan D.J., Jurka J., Solus J.F., Duncan C.H.;  
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- Human MHC class I HLA-B27-HS mRNA, 3' end.  
Choo Y.S., Fan L.A., Hansen J.A.;  
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- Human MHC HLA-D region non-class II protein (RING5) mRNA, partial cds.  
Hanson I.M., Trowsdale J.;  
Immunogenetics 34:5–11(1991). M58660
- H.sapiens mRNA for oxytocin receptor  
Kimura T., Tanizawa O., Mori K., Brownstein M.J., Okayama H.;  
Nature 356:526–529(1992). X64878
- H.sapiens Hachr alpha-3 mRNA for mature neuronal nicotinic acetylcholine receptor alpha-3 subunit  
Anand R., Lindstrom J.;  
Unpublished. X53559
- Human NF-IL6-beta protein mRNA, complete cds.  
Kinoshita S., Akira S., Kishimoto T.;  
Unpublished. M83667
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Ip N.Y., Ibanez C.F., Nye S.H., McClain J., Jones P.F., Gies D.R., Belluscio L., Le Beau M.M., Espinosa R., Squinto S.P., Persson H., Yancopoulos G.D.;  
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Ichinose A.;  
Biochemistry 31:3113–3118(1992). M86881
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Ichinose A.;  
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Ichinose A.;  
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Ichinose A.;  
Biochemistry 31:3113–3118(1992). M86871–M86872
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Ichinose A.;  
Biochemistry 31:3113–3118(1992). M86874–M86875
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Sol K.;  
Unpublished. Z11968
- H.sapiens satellite DNA (pKS44).  
Sol K.;  
Unpublished. Z11967
- H.sapiens satellite DNA (pKS94).  
Sol K.;  
Unpublished. Z11965
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Sol K.;  
Unpublished. Z11966
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Weinshank R.L., Zgombick J.M., Macchi M.J., Branchek T.A., Hartig P.R.;  
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Unpublished. X53943
- H.sapiens mRNA for tissue inhibitor of metalloproteinases, Type-2 Malik K., Sejima H., Aoki T., Iwata K.;  
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- H.sapiens mRNA (TRK-T1) for 55 KD protein  
Greco A., Pierotti M.A., Bongarzone I., Pagliardini S., Lanzi C., Della Porta G.;  
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Nature (In Press) X54248
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Tischer E., Mitchell R., Hartman T., Silva M., Gospodarowicz D., Fiddes J.C., Abraham J.A.;  
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Riley D.E.;  
Unpublished. X54698
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Lafyatis R., Lechleider R., Kim S.J., Jakowlew S.B., Roberts A.B., Sporn M.B.;  
Unpublished. J05658
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Kunicki T.J., Annis D.S., Gorski J., Nugent D.J.;  
Unpublished. M33569
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Genomics 9:775–777(1991). M92161
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Wong Y.W., Williams A.F., Kingsmore S.F., Seldin M.F.;  
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heavy chain variable region  
Volckaert G.;  
Unpublished. X54692–X54693
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Passmore H.C.;  
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Friedman R.M.;  
Unpublished. M65143
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Super M.;  
Unpublished. Z11974
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5' flank.  
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Nygard N.R.;  
Unpublished. X54426
- M.musculus MHC class II I-E alpha gene  
Nygard N.R.;  
Unpublished. X54427
- M.musculus MHC class II I-E beta gene  
Nygard N.R.;  
Unpublished. X54428
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M3 (H-2M3) gene, complete cds.  
Wang C.R., Loveland B.E., Lindahl K.F.;  
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CDS.  
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G.;  
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Unpublished. M83339
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Naitoh Y., Suzuki S.;  
Unpublished. X53928
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Unpublished. X53929
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Iwasato T., Yamagishi H.;  
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Lane M.A.L., Tobin M.B.;  
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sequence, cds 5' end.  
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Stehle J.H., Rivkees S.A., Lee J.J., Weaver D.R., Deeds J.D.,  
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