

New nucleotide sequence data on the EMBL File Server

April 2nd to April 23rd 1991

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.

PRIMATES:

G. crassicaudatus (SINE family) repeat region DNA
Daniels G.R., Deininger P.L.;
Nucleic Acids Res. 19:1649–1656(1991). X55906–X55909

Gorilla alpha satellite DNA, partial sequence.
Baldini A., Miller D.A., Shridhar V., Rocchi M., Miller O.J.,
Ward D.C.;
Unpublished. M62744

G. senegalensis (SINE family) repeat region DNA
Daniels G.R., Deininger P.L.;
Nucleic Acids Res. 19:1649–1656(1991). X55910–X55921

H. lar germline immunoglobulin alpha-1 heavy chain constant region gene, allele-1
Kawamura S., Omoto K., Ueda S.;
J. Mol. Biol. 215:201–206(1990). X53386

H. lar germline immunoglobulin alpha-1 heavy chain constant region gene (allele-2)
Kawamura S., Omoto K., Ueda S.;
J. Mol. Biol. 215:201–206(1990). X53387

H. lar germline immunoglobulin alpha-2 heavy chain constant region gene
Kawamura S., Omoto K., Ueda S.;
J. Mol. Biol. 215:201–206(1990). X53388

Human arachidonate 12-lipoxygenase mRNA, complete cds.
Yoshimoto T., Yamamoto Y., Arakawa T., Suzuki H., Yamamoto S., Yokoyama C., Tanabe T., Toh H.;
Biochem. Biophys. Res. Commun. 172:1230–1235(1990). M62982

Human cytochrome P450C18 (CYP2C18) mRNA, clone 6b.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61853

Human gene for 3-beta-5-hydroxy-5-ene steroid dehydrogenase
Russell A.J., Gaffney D., Gardiner M.T., Nickson DA, Sutcliffe RG;
Nucleic Acids Res. 19:1172–1172(1991). X55997

Human alpha-4 integrin gene, exon 2 and 5' end.
Rosen G.D., Birkenmeier T.M., Dean D.C.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M62842

Human alpha-4 integrin gene, exon 1.
Rosen G.D., Birkenmeier T.M., Dean D.C.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M62841

Human alpha-5 collagen type IV gene, exons 14,13,12,11.
Zhou J., Hostikka S.L., Chow L.T., Tryggvason K.;
Genomics 9:1–9(1991). M63460–M63463

Human alpha-5 collagen type IV gene, exon 1.
Zhou J., Hostikka S.L., Chow L.T., Tryggvason K.;
Genomics 9:1–9(1991). M63473

Human acyloxyacyl hydrolase mRNA, complete cds.
Hagen F., Grant F.J., Kuijper J., Slaughter C.A., Moomaw C.R.,
Oorth K., O'Hara P.J., Munford R.S.;
Unpublished. M62840

Human leukemia inhibitory factor (LIF) gene, complete cds.
Stahl J., Gearing D.P., Willson T.A., Brown M.A., King J.A.,
Gough N.M.;
J. Biol. Chem. 265:8833–8841(1990). M63420

Human amelogenin (AMGL, on the Y chromosome) gene, 3' end.
Nakahori Y., Takenaka O., Nakagome Y.;
Genomics 9:264–269(1991). M55419

Human amelogenin (AMG, on the X chromosome) gene, 3' end.
Nakahori Y., Takenaka O., Nakagome Y.;
Genomics 9:264–269(1991). M55418

Human atrial natriuretic peptide clearance receptor (ANP C-receptor) mRNA, complete cds.
Porter J.G., Arfsten A., Fuller F., Miller J.A., Gregory L.C.,
Lewicki J.A.;
Biochem. Biophys. Res. Commun. 171:796–803(1990). M59305

Human nuclear autoantigen (SP-100) mRNA, complete cds.
Szostecki C., Guldner H.H., Netter H.J., Will H.;
J. Immunol. 145:4338–4347(1990). M60618

Human activator protein 2B (AP-2B) mRNA, complete cds.
Buettner R., Van dyke M.W., Tainsky M.A.;
Unpublished. M61156

Human mRNA for alpha-actinin, partial cds
Nishiyama M., Ozturk M., Frohlich M., Mafune K.I., Steele G.J.R., Wands J.R.;
Cancer Res. 50:6291–6294(1990). X55187

Human apolipoprotein H mRNA, complete cds.
Day J.R., O'Hara P.J., Grant F.J., Loften-Day C., Berkaw M.,
Werner P., Arnaud P.;
Unpublished. M62839

Human ADP-ribosylation factor (hARF5) mRNA, complete cds.
Tsuchiya M., Price S.R., Tsai S.C., Moss J., Vaughan M.;
J. Biol. Chem. 266:2772–2777(1991). M57567

- Human ADP-ribosylation factor (hARF6) mRNA, complete cds.
Tsuchiya M., Price S.R., Tsai S.C., Moss J., Vaughan M.;
J. Biol. Chem. 266:2772–2777(1991). M57763
- Human arginine vasopressin-neurophysin II (AVP-NPII) gene, 3' flank.
Ito M., Mori Y., Oiso Y., Saito H.;
J. Clin. Invest. 87:725–728(1991). M63734
- Human arginine vasopressin-neurophysin II (AVP-NPII) gene, 5' end.
Ito M., Mori Y., Oiso Y., Saito H.;
J. Clin. Invest. 87:725–728(1991). M63733
- Human bullous pemphigoid (BP180) mRNA, partial cds.
Giudice G.J., Squiquera H.L., Elias P., Diaz L.A.;
J. Clin. Invest. 87:734–738(1991). M63730
- Human mRNA for brain ankyrin (splice variant brank-1)
Otto E., Bennett V.;
Unpublished. X56957
- Human mRNA for brain ankyrin (brank-2)
Otto E., Bennett V.;
Unpublished. X56958
- Human complement component C4A gene, exons 1 through 9.
Yu C.;
J. Immunol. 146:1057–1066(1991). M59816
- Human carbonic anhydrase isozyme VI (CA6) mRNA, complete cds.
Aldred P., Fu P., Barrett G., Penschow J.D., Wright R., Coghlan J.P., Fernley R.T.;
Biochemistry 30:569–575(1991). M57892
- Homo sapiens carbonyl reductase gene, complete cds.
Forrest G.L., Akman S., Doroshov J., Rivera H., Kaplan W.D.;
Unpublished. M62420
- Human pan-leukocyte antigen (CD48) mRNA, complete cds.
Vaughan H.A., Henning M.M., Purcell D.F.J., McKenzie I.F.C., Sandrin M.S.;
Immunogenetics 33:113–117(1991). M59904
- Human CDR2 protein mRNA, complete cds.
Fathallah-Shaykh H., Wolf S., Wong E., Posner J., Furneaux H.M.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M63256
- Human carcinoembryonic antigen (CEA) gene, GC-rich region 5' to the gene.
Willcocks T.C., Craig I.W.;
Genomics 8:492–500(1990). M60965
- Human carcinoembryonic antigen (CEA) gene, exon 2 (5' end).
Willcocks T.C., Craig I.W.;
Genomics 8:492–500(1990). M60964
- Human choline acetyltransferase (CHAT) gene, exon 2.
Strauss W.L., Kemper R.R., Jayakar P., Kong C.F., Hersh L.B., Hilt C.C., Rabin M.;
Genomics 9:396–398(1991). M57964
- Human alpha-1 collagen type II gene, exons 1, 2 and 3.
Ryan M.C., Sieraski M., Sandell L.J.;
Genomics 8:41–48(1990). M60299
- Homo sapiens chick ovalbumin upstream promoter transcription factor II (COUP-TFII) mRNA, complete cds.
Wang L.H., Ing N.H., Tsai S.Y., O'Malley B.W., Tsai M.J.;
Unpublished. M62760
- Human complement receptor 2 (CR2, CD21) gene, promoter region.
Rayhel E.J., Dehoff M.H., Holers V.M.;
J. Immunol. 146:2021–2026(1991). M64280
- Human cytochrome P450C9 (CYP2C9) mRNA, clone 65.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61857
- Human cytochrome P450C17 (CYP2C17) mRNA, clone 254c.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61858
- Human cytochrome P450C18 (CYP2C18) mRNA, clone 29c.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61856
- Human cytochrome P450C9 (CYP2C9) mRNA, clone 25.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61855
- Human cyclophilin B (hCyPB) mRNA, complete cds.
Price E.R., Zydowsky L.D., Jin M., Hunter C.H., McKeon F.D., Walsh C.T.;
Proc. Natl. Acad. Sci. U.S.A. 88:1903–1907(1991). M60857
- Human cytochrome P450C19 (CYP2C19) mRNA, clone 11a.
Romkes M., Faletto M.B., Blaisdell J.A., Raucy J.L., Goldstein J.A.;
Biochemistry 30:3247–3255(1991). M61854
- Human Duchenne muscular dystrophy protein (DMD) mRNA, 3' end.
Chelly J., Gilgenkrantz H., Lambert M., Hamard G., Chafey P., Recan D., Katz P., La Chapelle A., Koenig M., Ginjaar I.B., Fardeau M., Tome F., Kahn A., Kaplan J.C.;
Cell 63:1239–1248(1990). M63072
- Human Duchenne muscular dystrophy protein (DMD) mRNA, 5' end.
Chelly J., Gilgenkrantz H., Lambert M., Hamard G., Chafey P., Recan D., Katz P., La Chapelle A., Koenig M., Ginjaar I.B., Fardeau M., Tome F., Kahn A., Kaplan J.C.;
Cell 63:1239–1248(1990). M63073–M63074
- Human Duchenne muscular dystrophy protein (DMD) mRNA, partial cds.
Chelly J., Gilgenkrantz H., Lambert M., Hamard G., Chafey P., Recan D., Katz P., La Chapelle A., Koenig M., Ginjaar I.B., Fardeau M., Tome F., Kahn A., Kaplan J.C.;
Cell 63:1239–1248(1990). M63075
- Human HLA-DR beta x gene, exon 2.
Kumar A., Kumar P., Schur P.H.;
Unpublished. M63179
- Homo sapiens erythroid membrane protein 4.1 mRNA, complete cds.
Conboy J.G., Chan J., Chasis J.A., Kan Y.W., Mohandas N.;
J. Biol. Chem. (In Press) M61733

- Human mRNA for ferrochelatase (EC 4.99.1.1).
Nakahashi Y., Takekuni S., Okuda M., Inoue K., Tokunaga R.;
Biochem. Biophys. Res. Commun. 173:748–755(1990). D00726
- Human fibroblast growth factor receptor mRNA, complete cds.
Kiefer M.C., Baird A., George-Nascimento C., Nguyen T., Mason O.B., Boley L.J., Valenzuela P., Barr P.J.;
Unpublished. M60485
- Human glycoprotein 34 mRNA, complete cds.
Miura S., Ohtani K., Numata N., Niki M., Ohbo K., Ina Y.,
Gojobori T., Tanaka Y., Tozawa H., Nakamura M., Sugamura K.;
Mol. Cell. Biol. 11:1313–1325(1991). D90224
- Human gamma-tubulin mRNA, complete cds.
Zheng Y., Jung M.K., Oakley B.R.;
Unpublished. M61764
- Human CCAAT-binding protein (Hap2) mRNA, complete cds.
Becker D.M., Fikes J.D., Guarente L.;
Proc. Natl. Acad. Sci. U.S.A. 88:1968–1972(1991). M59079
- Human homeobox gene, complete cds.
Deguchi Y., Moroney J.F., Wilson G.L., Fox C.H., Winter H.S.,
Kehrl J.H.;
New Biol. 3:351–360(1991). M60721
- Human histidine-rich calcium binding protein (HCP) gene,
promoter region.
Hofmann S.L., Topham M., Hsieh C.L., Francke U.;
Genomics 9:656–669(1991). M60051
- Human histidine-rich calcium binding protein (HCP) mRNA,
complete cds.
Hofmann S.L., Topham M., Hsieh C.L., Francke U.;
Genomics 9:656–669(1991). M60052
- Human lymphocyte antigen mRNA, complete cds.
Rosen-Bronson S., Long E.O.;
Immunogenetics 33:124–131(1991). M38056
- Human 3-hydroxy-3-methylglutaryl-coenzyme A (HMG-CoA)
reductase mRNA, 3' flank.
Ramharack R., Tam S.P., Deeley R.;
DNA Cell Biol. 9:677–690(1990). M62627,M62633
- Human HPF4 mRNA, 5' cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61866
- Human HPF9 mRNA, partial cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61867
- Human HTF1 mRNA, partial cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61868
- Human HTF10 mRNA, partial cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61871
- Human HTF12 mRNA, 5' cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61872
- Human HTF34 mRNA, partial sequence.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61873
- Human HTF6 mRNA, 5' cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61869
- Human HTF9HPF4 gene, 5' cds.
Bellefroid E.J., Poncelet D.A., Lecocq P.J., Revelant O., Martial
J.A.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61870
- Human alpha-1 Ig germline C-region membrane-coding region, 3'
end.
Yu L., Peng C., Starnes S.M., Liou R.S., Chang T.W.;
J. Immunol. 145:3932–3936(1990). M62628
- Human insulin-like growth factor binding protein 4 mRNA,
complete cds.
Kiefer M.C., Masiarz F.R., Bauer D.M., Zapf J.;
J. Biol. Chem. (In Press) M62402
- Human insulin-like growth factor binding protein 5 mRNA,
complete cds.
Kiefer M.C., Masiarz F.R., Bauer D.M., Zapf J.;
J. Biol. Chem. (In Press) M62403
- Human germline Ig alpha mutant chain gene V-J6 region.
Cogne M., Preud'homme J.L.;
J. Immunol. 145:2455–2458(1990). M60323
- Human germline Ig alpha mutant chain gene CH2 region.
Cogne M., Preud'homme J.L.;
J. Immunol. 145:2455–2458(1990). M60324
- Human germline Ig alpha mutant chain gene alpha membrane exon.
Cogne M., Preud'homme J.L.;
J. Immunol. 145:2455–2458(1990). M60326
- Human IgH chain (monospecific rheumatoid factor) mRNA VDJ-
region.
Pascual V., Randen I., Thompson K., Sioud M., Forre O., Natvig
J., Capra J.D.;
J. Clin. Invest. 86:1320–1328(1990). M62723–M62729,M62731
- Human IgH chain (monospecific rheumatoid factor) mRNA V-
region.
Pascual V., Randen I., Thompson K., Sioud M., Forre O., Natvig
J., Capra J.D.;
J. Clin. Invest. 86:1320–1328(1990). M62737
- Human Ig germline H-chain J6-region, partial cds.
Nottenburg C., Hasenstab D.;
Unpublished. M63030–M63031
- Human invariant chain (In) gene, 3' end.
Barr C.L., Saunders G.F.;
J. Biol. Chem. 266:3475–3481(1991). M63907
- Human KUP mRNA for protein with two zinc fingers
Chardin P., Courtois G., Mattei M.G., Gisselbrecht S.;
Nucleic Acids Res. 19:1431–1436(1991). X16576
- Human luteinizing hormone-choriogonadotropin receptor mRNA,
complete cds.
Minegishi T., Nakamura K., Takakura Y., Miyamoto K.,
Hasegawa Y., Ibuki Y., Igarashi M.;
Biochem. Biophys. Res. Commun. 172:1049–1054(1990). M63108

Human loricrin mRNA, complete cds.

Hohl D., Mehrel T., Lichti U., Turner M., Roop D., Steinert P.M.;
J. Biol. Chem. (In Press) M61120

Human mitochondrial NAD(P)⁺ dependent malic enzyme mRNA, complete cds.

Loeber G., Infante A.A., Maurer-Fogy I., Krystek E., Dworkin M.B.;
J. Biol. Chem. 266:3016–3021(1991). M55905

Human melanin concentrating hormone (MCH) mRNA, complete cds.

Presse F., Nahon J.L., Fischer W.H., Vale W.;
Mol. Endocrinol. 4:632–637(1990). M57703

Human O-6-methylguanine-DNA methyltransferase mRNA, complete cds.

Koike G., Maki H., Takeya H., Hayakawa H., Sekiguchi M.;
J. Biol. Chem. 265:14754–14762(1990). M60761

Human MHC class I HLA-B-3502 gene, complete cds.

Chertkoff L.P., Herrera M., Fainboim L., Satz M.L.;
Hum. Immunol. (In Press) M63454

Human MHC class II HLA-DPB1 gene, exon 2 and partial cds.

Clay T.M., Bidwell J.L., Martin A.F., Bradley B.A.;
Unpublished. M63508

Human MHC class II HLA-DP-beta (HLA-DPB1) gene (HLA-A2, B27,Cw2, DRw8), exon 2.

de Koster S.H., Kenter M.J.H., Luiten R.M., Schroeijers W.E., Giphart M.J., Termijtelen A.;
Immunogenetics (In Press) M58608

Human MHC class II HLA-DRA mRNA, complete cds.

Koppelman B., Cresswell P.;
J. Immunol. 145:2730–2736(1990). M60333

Human MHC class II beta-chain DRB1 gene, exon 2.

Hodge T.W., Sasso D., Barger B.O.;
Unpublished. M62474

Human MHC class II HLA-DRA mRNA, complete cds.

Koppelman B., Cresswell P.;
J. Immunol. 145:2730–2736(1990). M60334

Human HLA-DR6 gene, partial sequence.

Kaneoka H., Hsu K.C., Takeda Y., Sharp G.C., Hoffman R.W.;
Unpublished. M63506

Human ERCC1 gene simple sequence motif, complete sequence.

Smeets H.J., Hermens R., Brunner H.G., Ropers H.H., Wieringa B.;
Genomics 9:257–263(1991). M63430,M63433–M63435

Human NAT1 gene for arylamine N-acetyltransferase

Blum M., Grant M., McBride W., Heim M., Meyer A.;
DNA Cell Biol. 9:193–203(1990). X17059

Human NATP pseudogene for arylamine N-acetyltransferase

Blum M., Grant M., McBride W., Heim M., Meyer A.;
DNA Cell Biol. 9:193–203(1990). X17060

Human NKG5 mRNA, expressed in natural killer cells and T-cells

Yabe T., McSherry C., Bach F.H., Houchins J.P.;
J. Exp. Med. 172:1159–1163(1990). X54101

Human odc1 mRNA for ornithine decarboxylase

Flanagan M.A., Streng K.A., Wagner Iii R.L.;
Unpublished. X55362

Human oligodendrocyte-myelin glycoprotein (OMGP) mRNA, complete cds.

Viskochil D., Cawthon R.M., O'Connell P., Xu G., Stevens J., Culver M., Carey J., White R.;
Mol. Cell. Biol. 11:906–912(1991). M63623

Human neurophysin mRNA, partial cds.

Ivell R., Furuya K., Brackmann B., Dawood Y., Khan-Dawood F.;
Endocrinology 127:2990–2996(1990). M62611

Human P13-kinase associated p85 mRNA sequence.

Skolnik E.Y., Margolis B., Mohammadi M., Lowenstein E., Fischer R., Drepps A., Ullrich A., Schlessinger J.;
Cell 65:83–90(1991). M61906

Human protamine 1 gene, complete cds.

Domenjoud L., Nussbaum G., Adham I.M., Greeske G., Engel W.;
Genomics 8:127–133(1990). M60331

Human protamine 2 gene, complete cds.

Domenjoud L., Nussbaum G., Adham I.M., Greeske G., Engel W.;
Genomics 8:127–133(1990). M60332

Human protein-tyrosine kinase (JAK1) mRNA, complete cds.

Wilks A.F., Harpur A.G., Kurban R.R., Ralph S.J., Zuercher G., Ziemięcki A.;
Mol. Cell. Biol. 11:2057–2065(1991). M64174

Human HPTP alpha mRNA for protein tyrosine phosphatase alpha.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54130

Human HPTP beta mRNA for protein tyrosine phosphatase beta.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54131

Human HPTP delta mRNA for protein tyrosine phosphatase delta.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54133

Human HPTP epsilon mRNA for protein tyrosine phosphatase epsilon.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54134

Human HPTP gamma mRNA for protein tyrosine phosphatase gamma.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54132

Human HPTP zeta mRNA for protein tyrosine phosphatase zeta.

Krueger N.X., Streuli M., Saito H.;
EMBO J. 9:3241–3252(1990). X54135

Human retinoic acid receptor alpha (RAR-alpha) gene, exon 2.

Alcalay M., Zangrilli D., Pandolfi P.P., Longo L., Mencarelli A., Giacomucci A., Rocchi M., Biondi A., Rambaldi A., Lo Coco F., Diverio D., Donti E., Grignani F., Pelicci P.G.;
Proc. Natl. Acad. Sci. U.S.A. 88:1977–1981(1991). M61111

- Human mRNA for retinoic acid receptor-alpha, exon 3
Brand N.J., Petkovich M., Chambon P.;
Nucleic Acids Res. 18:6799-6806(1990). X58685
- Human retinal degradation slow (RDS) mRNA.
Travis G.H., Christerson L., Danielson P.E., Klisak I., Sparkes R.S., Hahn L.B., Dryja T.P., Sutcliffe G.J.;
Genomics (In Press) M62958
- Human mRNA for ribosomal protein S12
Herault Y., Brun G., Michel D.;
Unpublished. X53505
- Human secreted cyclophilin-like protein (SCYLP) mRNA, complete cds.
Spik G., Haendler B., Delmas O., Mariller C., Chamoux M., Maes P., Tartar A., Montreuil J., Stedman K., Kocher H.P., Keller R., Hiestand P.C., Movva N.R.;
Unpublished. M63573
- Human transcobalamin II (TCII) mRNA, complete cds.
Platica O., Janeczko R., Quadros E.V., Regec A., Romain R., Rothenberg S.P.;
J. Biol. Chem. (In Press) M60396
- Human T cell receptor rearranged delta-chain gene V-D-J region, partial sequence.
Macintyre E.A., D'Auriol L., Duparc N., Leverger G., Galibert F., Sigaux F.;
J. Clin. Invest. 86:2125-2135(1991). M63384,M64419-M64422
- Human transforming growth factor beta-3 gene, 5' end.
Lafyatis R., Lechleider R., Kim S.J., Jakowlew S., Roberts A.B., Sporn M.B.;
J. Biol. Chem. 265:19128-19136(1990). M60556
- Human thrombin receptor gene, complete cds.
Vu T.H., Hung D.T., Wheaton V.I., Coughlin S.R.;
Cell 64:1057-1068(1991). M62424
- Human threonyl-tRNA synthetase mRNA.
Cruzen M.E., Arfin S.M.;
J. Biol. Chem. (In Press) M63180
- Human tumor necrosis factor receptor (TNF receptor) mRNA, complete cds.
Himmler A., Maurer-Fogy I., Kroenke M., Scheurich P., Pfizenmaier K., Lantz M., Olsson I., Hauptmann R., Stratowa C., Adolf G.R.;
DNA Cell Biol. 9:705-715(1990). M63121
- Human transition protein 1 gene, complete cds.
Luerssen H., Mattei M.G., Schroeter M., Grzeschik K.H., Adham I.M., Engel W.;
Genomics 8:324-330(1990). M59924
- Human thyroperoxidase mRNA, 3' end, and the Graves' disease mutation.
Zanelli E., Henry M., Charvet B., Malthiery Y.;
Biochem. Biophys. Res. Commun. 170:735-741(1990). M55702
- Human UBF2 transcription factor mRNA.
O'Mahony D.J., Rothblum L.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) M61724
- Human tryptophanyl-tRNA synthetase (WRS) mRNA, complete cds.
Frolova L.Y., Sudomoina M.A., Zinovieva O.L., Kisseler L.L.;
Unpublished. M61715
- M. fascicularis germline immunoglobulin alpha heavy chain constant region gene
Kawamura S., Omoto K., Ueda S.;
J. Mol. Biol. 215:201-206(1990). X53389
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Unpublished. M62412
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Pickham K.M., Ballantyne S.M., Xu Y., Donoghue D.J.;
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Unpublished. M62630

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Unpublished. M62631

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Leonhardt H.;
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genes, complete cds
Oskam L., Hillenga D.J., Venema G., Bron S.;
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Unpublished. M61753

R.meliloti ExoR gene, complete cds.
Reed J.W., Capage M., Walker G.C.;
Unpublished. M61752

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cds.
Reed J.W., Capage M., Walker G.C.;
Unpublished. M61751

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Hickman C.J., Stover C.K., Joseph S.W., Oaks E.V.;
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cds.
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gene, partial cds.
Lawrence J.G., Ochman H., Hartl D.L.;
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S.marcescens hip gene, complete cds.
Haluzi H.;
Unpublished. M62643

S.marcescens integration host factor alpha- subunit (himA) gene,
complete cds.
Goitein D.;
Unpublished. M62644

Streptococcus pyogenes sspS gene, complete cds.
Vocero-Villetta A.M., Schilling D.M., Fliss E.R.;
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Krumholz L.R., Bryant M.P., Brulla W.J., Vicini J.L., Clark
J.H., Stahl D.A.;
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J.H., Stahl D.A.;
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Marsac N.;
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Servos S., Chatfield S., Hone D., Levine M., Dimitriadis G.,
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Itaya M., McKelvin D., Chatterjee S.K., Crouch R.J.;
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Vogler A.P., Homma M., Irikura V.M., MacNab R.M.;
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Gulig P.A., Chiodo V.A.;
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Mather M.W., Springer P., Fee J.A.;
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Avest Ter A.R., Frits R.M.;
Unpublished. X55363

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Hwang I., Lim S.M., Shaw P.D.;
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MacFarlane S.a., Shanks M., Davies J.W., Zlotnick A., Lomonossoff G.P.;
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White K.A., Bancroft J.B., Mackie G.A.;
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