
New nucleotide sequence data on the EMBL File Server

December 10th to December 31st 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.

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:

Gorilla urate oxidase gene, exon 2.
Yeldandi A.V.;
Unpublished. M69166

H.sapiens 7SL repeat (clones 2-19b)
Tribioli C., Tamanini F., Patrosso C., Milanesi L., Villa A.,
Pergolizzi R., Maestrini E., Rivella S., Bione S., Mancini M.,
Vezzoni P., Toniolo D.;
Unpublished. X62364

Human long chain acyl-CoA dehydrogenase (ACADL) mRNA,
complete cds.
Indo Y., Yang-Feng T.L., Glassberg R., Tanaka K.;
Genomics 11:609-620(1991). M74096

Human cytokine (Act-2) gene, exons 1-3.
Napolitano M., Modi W.S., Cevario S.J., Gnarra J.R., Seuanex
H.N., Leonard W.J.;
J. Biol. Chem. 266:17531-17536(1991). M69201-M69203

Human ADP-ribosylation factor 3 gene, exon 1.
Tsai S.C., Haun R.S., Tsuchiya M., Moss J., Vaughan M.;
J. Biol. Chem. 266:23053-23059(1991). M74492

Human AHNAK nucleoprotein mRNA, 5' end.
Shtivelman E., Cohen F., Bishop J.M.;
Unpublished. M80902

Human novel protein AHNAK mRNA, partial sequence.
Bishop J.M., Cohen F., Shtivelman E.;
Unpublished. M80899

H.sapiens Alu repeats
Tribioli C., Tamanini F., Patrosso C., Milanesi L., Villa A.,
Pergolizzi R., Maestrini E., Rivella S., Bione S., Mancini M.,
Vezzoni P., Toniolo D.;
Unpublished. X62354-X62358

Human alpha satellite DNA.
Wevrick R., Willard H.F.;
Unpublished. M80318, M80321-M80322

Human beta-3 adrenergic receptor gene, 5' flank.
Liggett S.B., Schwinn D.A.;
DNA Sequence 2:61-63(1991). M62473

Human brain protein recognized by the sera of patients with
paraneoplastic sensory neuronopathy mRNA, complete cds.
Furneaux H.M.;
Cell 67:325-333(1991). M62843

Human Beta satellite DNA sequence.
Greig G.M., Willard H.F.;
Unpublished. M81226-M81230

Human glutamate decarboxylase (GAD-2) mRNA, complete cds.
Karlsen A.E., Hagopian W.A., Grubin C.E., Dube S., Disteche
C.M., Adler D.A., Barmeier H., Mathewes S., Grant F.J., Foster
D., Lernmark A.;
Proc. Natl. Acad. Sci. U.S.A. 88:8337-8341(1991). M74826

Human calpactin 1 light chain mRNA, complete cds.
Dooley T.P., Weiland K.L., Watt F.M., Simon M.;
Unpublished. M81457

Human CAPL protein mRNA, complete cds.
Engelkamp D., Schaefer B.W., Heizmann C.W.;
Unpublished. M80563

Human catechol-O-methyltransferase mRNA, complete cds.
Bertocci B., Miggiano V., Da Prada M., Dembic Z., Lahm H.W.,
Malherbe P.;
Proc. Natl. Acad. Sci. U.S.A. 88:1416-1420(1991). M58525

Human complement component C1 inhibitor DNA sequence.
Jazwinska E.C., Gatenby P.A., Dunckley H., Serjeantson S.W.;
Unpublished. M81471

Homo sapiens T cell activation antigen (CD27) mRNA, complete
cds.
Camerini D., Walz G., Loenen W.A., Borst J., Seed B.;
J. Immunol. 147:3165-3169(1991). M63928

- Human CD34 mRNA, complete cds.
Simmons D.L., Satterthwaite A.B., Tenen D.G., Seed B.;
Unpublished. M81104
- Human cdc2-related protein kinase mRNA, complete cds.
Ninomiya-Tsuji J., Nomoto S., Yasuda H., Reed S.I.;
Proc. Natl. Acad. Sci. U.S.A. 88:9006–9010(1991). M68520
- Human aorta caldesmon mRNA, complete cds.
Humphrey M.B., Herrera-Sosa H., Gonzalez G., Lee R., Bryan J.;
Unpublished. M83216
- Hum ORF (CEI5) mRNA, 3' flank.
Kamat A.K., Golembieski W., Taggart T.R., Buckahagen D.,
Miller O.J., Smith D.I.;
Unpublished. M80651
- Human cgm8 psuedogene, 5' end.
Thompson J., Zimmermann W., Osthus-Bugat P., Schleussner C.,
Eades-Perner A.M., Barnert S., von Kleist S., Willcocks T., Craig
I., Tynan K., Olsen A., Mohrenweiser H.;
Unpublished. M80575
- Human ancestral telomeric fusion DNA sequence.
Ijdo J.W., Baldini A., Ward D.C., Reeders S.T., Wells R.A.;
Proc. Natl. Acad. Sci. U.S.A. 88:9051–9055(1991). M73018
- Human alpha-1 type XIII collagen (COL13A1) gene, exons
11–12,24–25,27,30,39.
Tikka L., Elomaa O., Pihlajaniemi T., Tryggvason K.;
J. Biol. Chem. 266:17713–17719(1991).
M68988–M68989,M68993–M68994,M68996,M69010,M69008,
- Human cellular retinoic acid-binding protein (CRABP) mRNA,
complete cds.
Astrom A., Tavakkol A., Pettersson U., Cromie M., Elder J.T.,
Voorhees J.J.;
J. Biol. Chem. 266:17662–17666(1991). M68867
- Human mRNA for C-SRC-kinase
Braeuninger A., Holtrich U., Strebhardt K., Ruebsamen-Waigmann
H.;
Proc. Natl. Acad. Sci. U.S.A. 88:10411–10415(1991). X59932
- Homo sapiens erythrocyte membrane protein mRNA, complete cds.
Stewart G.W., Hepworth-Jones B.J., Keen J.N., Dash B.J., Argent
A.C., Casimir C.M.;
Unpublished. M81635
- H.sapiens (DBH locus) DNA segment containing GT polymorphic
repeat
Porter C.J., Craig I.W.;
Unpublished. X63418
- Human D5 dopamine receptor (DRD5) gene, complete cds.
Grandy D.K., Zhang Y., Bouvier C., Zhou Q.Y., Johnson R.A.,
Allen L., Buck K., Bunzow J.R., Salon J., Civelli O.;
Proc. Natl. Acad. Sci. U.S.A. 88:9175–9179(1991). M67439
- Human DRD5 pseudogenes 1 & 2.
Grandy D.K., Zhang Y., Bouvier C., Zhou Q.Y., Johnson R.A.,
Allen L., Buck K., Bunzow J.R., Salon J., Civelli O.;
Proc. Natl. Acad. Sci. U.S.A. 88:9175–9179(1991).
M67440–M67441
- Human dystrophin gene, exon 44.
Richards S.;
Unpublished. M81257
- H.sapiens DNA for ET locus
Vellard M., Soret J., Viegas-Pequinot E., Galibert F., Van Cong
N., Dutrillaux B., Perbal B.;
Oncogene 6:505–514(1991). X63448
- H.sapiens EVX1 mRNA
Faiella A., D'Esposito M., Rambaldi M., Acampora D., Balsiore
S., Stornaiuolo A., Mallamaci M., Migliaccio E., Gulisano M.;
Nucleic Acids Res. 19:6541–6545(1991). X60655
- Human FAB fragment mRNA.
Portolano S., Seto P., Chazenbalk G.D., Nagayama Y.,
McLachlan S.M., Rapoport B.;
Biochem. Biophys. Res. Commun. 179:372–377(1991). M82813
- Human alpha-(1,3) fucosyltransferase gene.
Weston B.W., Nair R.P., Larsen R.D., Lowe J.B.;
Unpublished. M81485
- H.sapiens FGF gene, exon 3
Wang W.P., Quick D., Balcerzak S.P., Needleman S.W., Chiu
I.M.;
Oncogene 6:1521–1529(1991). X59065
- Human novel growth factor receptor mRNA, 3' cds.
Thompson L.M., Plummer S.J., Schalling M., Altherr M.R.,
Gusella J.F., Housman D.E., Wasmuth J.J.;
Genomics 11:1133–1142(1991). M64347
- Human homolog of Drosophila female sterile homeotic mRNA,
complete cds.
Beck S., Hanson I., Kelly A., Pappin D.J., Trowsdale J.;
Unpublished. M80613
- Human grancalcin mRNA, complete cds.
Boyhan A., Casimir C.M., French J.K., Teahan C.G., Segal
A.W.;
Unpublished. M81637
- Human gamma-glutamyl transpeptidase-related protein (GGT-Rel)
mRNA, complete cds.
Heisterkamp N., Rajpert-de Meyts E., Uribe L., Forman H.J.,
Groffen J.;
Proc. Natl. Acad. Sci. U.S.A. 88:6303–6307(1991). M64099
- H.sapiens mRNA for Glycophorin A
Barton P., Collins A., Hoogenraad N.;
Biochim. Biophys. Acta 1090:265–266(1991). X57023
- Human Glycophorin MiX (HGpMiX) gene, exons 2, 3 and 4.
Huang C.h., Kikuchi M., McCreary J., Blumenfeld O.O.;
Unpublished. M81079
- Human glucocorticoid receptor repression factor 1 (GRF-1) mRNA,
complete cds.
LeClere S., Palaniswami R., Xie B., Govindan M.V.;
J. Biol. Chem. 266:17333–17340(1991). M73077
- Human gastrin releasing peptide receptor (GRP-R) mRNA,
complete cds.
Corjay M.H., Dobrzanski D.J., Way J.M., Viallet J., Shapira H.,
Worland P., Sausville E.A., Battey J.F.;
J. Biol. Chem. 266:18771–18779(1991). M73481
- Human hepatocyte growth factor gene, exons 6–15,17
Miyazawa K., Kitamura A., Kitamura N.;
Biochemistry 30:9170–9176(1991). M75971–M75980,M75982

- Human hepatocyte growth factor gene exon 18, 5' end
Miyazawa K., Kitamura A., Kitamura N.;
Biochemistry 30:9170–9176(1991). M75983
- Human HHR6A,HHR6B (yeast RAD 6 homologue) mRNA,
complete cds.
Koken M.H., Reynolds P., Jaspers-Dekker I., Prakash L., Prakash
S., Bootsma D., Hoeijmakers J.H.;
Proc. Natl. Acad. Sci. U.S.A. 88:8865–8869(1991).
M74524–M74525
- Human H,K-ATPase beta subunit mRNA, complete cds.
Ma J.y., Song Y.h., Sjostrand S.E., Rask L., Mardh S.;
Biochem. Biophys. Res. Commun. 180:39–45(1991). M75110
- Human HLA-B*5602,HLA-B*5502,HLA-B*5501 genes, complete
cds.
Hildebrand W.H., Madrigal J.A., Parham P., Little A.M.;
Unpublished. M77775,M77777–M77778
- H.sapiens mRNA for HLA-A*0204
Castano A.R., Lopez de Castro J.A.;
Immunogenetics 34:281–285(1991). X57954
- H.sapiens homeobox protein (HOX-11) mRNA, complete cds.
Kennedy M.A., Gonzalez-Sarmiento R., Kees U.R., Lampert F.,
Dear N., Boehm T., Rabbitts T.H.;
Proc. Natl. Acad. Sci. U.S.A. 88:8900–8904(1991). M75952
- Human HOX7 gene, exon 1.
Hewitt J.E., Clarke L.E., Iven A., Williamson R.;
Genomics 11:670–678(1991). M76731
- Human HOX7 gene, exon 2 and complete cds.
Hewitt J.E., Clarke L.E., Iven A., Williamson R.;
Genomics 11:670–678(1991). M76732
- Human integrin beta-8 subunit mRNA, complete cds.
Moyle M., Napier M.A., McLean J.W.;
J. Biol. Chem. 266:19650–19658(1991). M73780
- Human alpha-L-iduronidase mRNA, complete cds.
Scott H.S., Anson D.S., Orsborn A.M., Nelson P.V., Clements
P.R., Morris C.P., Hopwood J.J.;
Proc. Natl. Acad. Sci. U.S.A. 88:9695–9699(1991). M74715
- Human tryptophanyl tRNA synthetase (IFNWR5) mRNA, complete
cds.
Rubin B.Y., Anderson S.L., Xing L., Powell R., Tate W.P.;
J. Biol. Chem. 266:24245–24248(1991). M77804
- Human IgK subgroup I germline gene, exons 1 and 2, V-region
L11.
Scott M.G., Crimmins D.L., McCourt D.W., Chung G., Schaeble
K.F., Thiebe R., Quenzel E.M., Zachau H.G., Nahm M.H.;
J. Immunol. 147:4007–4013(1991). M64858
- Human IgK subgroup I germline gene, exons 1 and 2, V-region
O18.
Scott M.G., Crimmins D.L., McCourt D.W., Chung G., Schaeble
K.F., Thiebe R., Quenzel E.M., Zachau H.G., Nahm M.H.;
J. Immunol. 147:4007–4013(1991). M64856–M64857
- Human germline IgL chain gene, enhancer region.
Blomberg B.B., Rudin C.M., Store U.;
J. Immunol. 147:2354–2358(1991). M73432
- H.sapiens irlB mRNA
Mashkova T.D., Stasiv Y.Z., Itkes A.V.;
Unpublished. X63417
- Human lactoferrin (HLF1) mRNA, complete cds.
Liang Q., Jimenez-Flores R., Richardson T.;
Unpublished. M83202
- H.sapiens Line repeat
Tribioli C., Tamanini F., Patrosso C., Milanesi L., Villa A.,
Pergolizzi R., Maestrini E., Rivella S., Bione S., Mancini M.,
Vezzoni P., Toniolo D.;
Unpublished. X62359–X62363
- Human lysosomal acid lipase/cholesterol esterase mRNA, complete
cds.
Anderson R.A., Sando G.N.;
J. Biol. Chem. 266:22479–22484(1991). M74775
- H.sapiens long terminal repeat (clones 2–77)
Tribioli C., Tamanini F., Patrosso C., Milanesi L., Villa A.,
Pergolizzi R., Maestrini E., Rivella S., Bione S., Mancini M.,
Vezzoni P., Toniolo D.;
Unpublished. X62365
- Human Lyn B protein (tyrosine kinase) mRNA, complete cds.
Miller L.R., Jelsema C.L.;
Unpublished. M79321
- H.sapiens MHC class II HLA DRB1*0303 gene, exon 2.
Apple R.J., Begovich A.B., Erlich H.A.;
Unpublished. M81743
- H.sapiens MHC class II DRB1 CB gene (DR4 CB), exon 2.
Peterdorf E.W., Smith A.G., Mickelson E.M., Martin P.J.,
Hansen J.A.;
Immunogenetics 33:267–275(1991). M80192
- H.sapiens MHC class II DRB1 EC gene (DR4 EC), exon 2.
Peterdorf E.W., Smith A.G., Mickelson E.M., Martin P.J.,
Hansen J.A.;
Immunogenetics 33:267–275(1991). M55615
- Human MHC class I HLA-J gene, exons 1–8 and complete cds.
Messer G., Zemmour J., Orr H.T., Parham P., Weiss E.H.,
Girdlestone J.;
Unpublished. M80468–M80470
- Human moesin mRNA, complete cds.
Lankes W.T., Furthmayr H.;
Proc. Natl. Acad. Sci. U.S.A. 88:8297–8301(1991). M69066
- Human muscle-type phosphofructokinase (phosphofructokinase-M)
gene, exons 5–12,24.
Yamasaki T., Nakajima H., Kono N., Hotta K., Yamada K., Imai
E., Kuwajima M., Noguchi T., Tanaka T., Tarui S.;
Gene 104:277–282(1991). M59722–M59729,M59741
- Human neurofibromatosis protein type I (NF1) mRNA, complete
cds.
Nishi T., Lee P.S., Oka K., Levin V.A., Tanase S., Morino Y.,
Saya H.;
Oncogene 6:1555–1559(1991). M60915
- H.sapiens mRNA for NF-kB subunit
Schmid R.M., Perkins N.D., Duckett C.S., Andrews P.C., Nabel
G.J.;
Unpublished. X61499

- Human NK-1 receptor mRNA, complete cds.
Hopkins B., Powell S.J., Danks P., Briggs I., Graham A.;
Unpublished. M81797
- Human neurokinin 1 receptor (NKIR) mRNA, complete cds.
Gerard N.P., Garraway L.A., Eddy R.L.Jr., Shows T.B., Iijima H., Paquet J.L., Gerard C.;
Biochemistry 30:10640–10646(1991). M76675
- Human neuromedin B receptor (NMB-R) mRNA, complete cds.
Corjay M.H., Dobrzanski D.J., Way J.M., Viallet J., Shapira H., Worland P., Sausville E.A., Battey J.F.;
J. Biol. Chem. 266:18771–18779(1991). M73482
- Human NAD(P)H:quinone oxidoreductase gene, exon 1,2&3,4–5.
Jaiswal A.K.;
Biochemistry 30:10647–10653(1991). M81596–M81599
- Human nuclease-sensitive element DNA-binding protein mRNA, complete cds.
Kolluri R.V., Kinniburgh A.J.;
Nucleic Acids Res. 19:4771–4771(1991). M83234
- Human pyrroline 5-carboxylate reductase mRNA, complete cds.
Dougherty K.M., Brandriss M.C., Valle D.;
Unpublished. M77836
- Human platelet activating factor receptor mRNA, complete cds.
Ye R.D., Prossnitz E.R., Zou A., Cochrane C.G.;
Biochem. Biophys. Res. Commun. 180:105–111(1991). M80436
- Human PBX3,PBX2 mRNA
Monica K., Saltman D., Nourse J., Galili N., Cleary M.L.;
Mol. Cell. Biol. 11:6149–6157(1991). X59841–X59842
- Human prepro-plasma carboxypeptidase B mRNA, complete cds.
Eaton D.L., Malloy B.E., Henzel W., Drayna D., Tsai S.P.;
J. Biol. Chem. 266:21833–21838(1991). M75106
- Human Pmel 17 mRNA, complete cds.
Kwon B.S., Chintamaneni C., Kozak C.A., Copeland N.G., Gilbert D.J., Jenkins N., Barton D., Francke U., Kobayashi Y., Kim K.K.;
Proc. Natl. Acad. Sci. U.S.A. 88:9228–9232(1991). M77348
- Homo sapiens peroxisomal 70 kD membrane protein mRNA, complete cds.
Gaurtner J., Moser H., Valle D.;
Unpublished. M81182
- Human N-benzoyl-L-tyrosyl-p-amino-benzoic acid hydrolase mRNA, 3' end.
Dumermuth E., Sterchi E.E., Jiang W., Wolz R.L., Bond J.S., Flannery A.V., Beynon R.J.;
J. Biol. Chem. 266:21381–21385(1991). M82962
- Human PSF-2 mRNA, complete cds.
Bahram S., Arnold D., Bresnahan M., Strominger J.L., Spies T.;
Proc. Natl. Acad. Sci. U.S.A. 88:10094–10098(1991). M74447
- H.sapiens Pst 1 fragment containing poly d(CA) repeat
Ruano G., Kidd K.K.;
Nucleic Acids Res. 19:6877–6882(1991). X57979
- Human cytoplasmic phosphotyrosine phosphatase mRNA.
Mosinger B.Jr., Tillmann U., Westphal H., Tremblay M.L.;
Unpublished. M80737
- Human repetitive sequence at the centromere.
Moyzis R.K., Meyne J., McCanlies E.C., Robinson D.L., Ratliff R.L., Grady D.L.;
Unpublished. M77215,M77220–M77221
- Human SEF2–1A protein (SEF2–1A) mRNA, 5' end.
Corneliussen B., Thornell A., Hallberg B., Grundstrom T.;
J. Virol. 65:6084–6093(1991). M74718
- Human SEF2–1B protein (SEF2–1B) mRNA, complete cds.
Corneliussen B., Thornell A., Hallberg B., Grundstrom T.;
J. Virol. 65:6084–6093(1991). M74719
- Human SEF2–1D protein (SEF2–1D) mRNA, partial cds.
Corneliussen B., Thornell A., Hallberg B., Grundstrom T.;
J. Virol. 65:6084–6093(1991). M74720
- Human DNA region 5' to small nuclear ribonucleoprotein (snRNP) E gene.
Fautsch M.P., Wieben E.D.;
J. Biol. Chem. 266:23288–23295(1991). M21252
- Human small nuclear ribonucleoprotein (snRNP) E gene, segment 3 of intron D with Alu repeat copy L.
Fautsch M.P., Wieben E.D.;
J. Biol. Chem. 266:23288–23295(1991). M21256
- Human steroid 5-alpha-reductase 2 (SRD5A2) mRNA, complete cds.
Andersson S., Berman D.M., Jenkins E.P., Russell D.W.;
Nature 354:159–161(1991). M74047
- Human substance P receptor protein mRNA.
Takeda Y., Takeda J., Sachais B.S., Krause J.E.;
Biochem. Biophys. Res. Commun. 179:1232–1240(1991). M74290
- H.sapiens mRNA for a novel synaptophysin related protein
Zhong C., Hayzer D.J., Runge M.S.;
Unpublished. X61382
- H.sapiens Tal2 (TAL2) gene, complete cds.
Xia Y., Yang C.Y.C., Tsan J.T., Siciliano M.J., Espinosa R.III., Le Beau M.M., Baer R.J.;
Unpublished. M81078
- Homo sapiens thromboxane synthase mRNA, complete cds
Ohashi K., Ruan K.H., Kulmacz R.J., Wu K.K., Wang L.H.;
Unpublished. M80646–M80647
- H.sapiens mRNA for T-cell antigen receptor alpha-chain
Hewitt C., Lamb J.R., Hill M., Owen M.J., Ohehir R.O., Hayball J.;
Unpublished. X63455
- H.sapiens mRNA for T-cell antigen receptor beta-chain
Hewitt C., Lamb J.R., Hill M., Owen M.J., Ohehir R.O., Hayball J.;
Unpublished. X63456
- Human transcription elongation factor (SII) mRNA, complete cds.
Chen H.C., England L., Kane C.M.;
Unpublished. M81601
- Human transcription factor (TFIIB) mRNA, complete cds.
Malik S., Hisatake K., Sumimoto H., Horikoshi M., Roeder R.G.;
Proc. Natl. Acad. Sci. U.S.A. 88:9553–9557(1991). M76766

Human polyadenylate binding protein (TIA-1) mRNA, complete cds.
Tian Q., Streuli M., Saito H., Schlossman S.F., Anderson P.;
Cell 67:629–639(1991). M77142

Human MELAS tRNA mutant.
Tanaka M., Ino H., Ohno K., Ohbayashi T., Ikebe S.i., Sano T.,
Ichiki T., Kobayashi M., Wada Y., Ozawa T.;
Biochem. Biophys. Res. Commun. 174:861–868(1991). M63633

H.sapiens tRNA-Ser(UGA) gene
Hong H.J., Hoe K.L., Ryu C.J., Yoo O.J.;
Unpublished. X63138

Human tumor necrosis factor-inducible (TSG-12) mRNA fragment.
Lee G.W.;
Unpublished. M31163

Human tumor necrosis factor-inducible (TSG-14) mRNA fragment.
Lee G.W.;
Unpublished. M31166

Human repetitive sequence at the centromere.
Moyzis R.K., Meyne J., McCanlies E.C., Robinson D.L., Ratliff
R.L., Grady D.L.;
Unpublished. M77217–M77219

Macaca fascicularis proline-rich protein (MnPRP9) mRNA,
complete cds.
Lin H.H., Kousvelari E.E., Ann D.K.;
Gene 104:219–226(1991). M81321

Macaca fascicularis proline-rich protein (MnP4) gene, complete
cds.
Lin H.H., Kousvelari E.E., Ann D.K.;
Gene 104:219–226(1991). M81322

Macaca mulatta alcohol dehydrogenase mRNA, complete cds.
Light D.R., Dennis M.S., Forsythe I.J., Liu C.C., Green D.W.,
Kratzer D., Plapp B.V.;
Unpublished. M81807

RODENTS:

Guinea pig CRRP protein, complete cds.
Moore F.D.Jr.;
J. Immunol. 147:3615–3622(1991). M77760

C.cricetus mRNA for ribosomal protein S26
Vincent, Fort P.;
Unpublished. X63389

Cricetulus griseus metallothionein II gene, 5' end.
Hung S.H., Yu C.W., Chou T.M., Huang P.C., Lin L.Y.;
Biochim. Biophys. Acta 1090:255–258(1991). M81319

Cricetulus griseus (chinese hamster) mRNA for beta tubulin (clone
B16T)
Ahmad S., Singh S., Gupta R.S.;
Biochim. Biophys. Acta 1090:252–254(1991). X60784

Mesocricetus auratus alpha-1-inhibitor 3 mRNA.
Gil G., Esser V.;
J. Biol. Chem. 266:20512–20518(1991). M73991

M.musculus immunoglobulin variable region (VC)
Deans R.J.;
Unpublished. Z11542-Z11543

Mouse serotonin-gated ion channel (5HT3) mRNA, complete cds.
Maricq A.V., Peterson A.S., Brake A.J., Meyers R.M., Julius D.;
Science 254:432–437(1991). M74425

Mouse adenylosuccinate synthetase mRNA, complete cds.
Guicherit O.M., Rudolph F.B., Kellems R.E., Cooper B.F.;
J. Biol. Chem. 266:22582–22587(1991). M74495

Mouse H+/K+-ATPase beta subunit gene, exons 1,2,5,6&7.
Morley G.P., Callaghan J.M., Rose J.B., Toh B.H., Gleeson
P.A., van Driel I.R.;
Unpublished. M80247–M80248,M80250–M80251

M.musculus DNA for intragenic sequence including B2 element
(pMm2K)
Plass C., Hellwig T., Traut W., Winking H.;
Unpublished. X63136

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- Ambystoma mexicanum MHC class I protein mRNA, partial cds.
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Unpublished. M81089
- Acipenser transmontanus thrombin mRNA, 3' end.
Banfield D.K., MacGillivray R.T.;
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Robbins S.M.;
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Azou Y., Laval M.;
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Lofsky A.S., Valgeirsdottir K., Pardue M.L.;
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Li X.J., Wu Y.N., North R.A., Forte M.;
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Scott M.J., Lucchesi J.C.;
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Levin L.R., Han P.L., Hwang P.M., Feinstein P.G., Davis R.L., Reed R.R.;
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Pratt D., Armes L.G., Hageman R., Reynolds V., Boisvenue R.J., Cox G.N.;
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Davis M.T., Vakharia V.N., Henry J., Kempe T.G., Raina A.K.;
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Van Eys G., Schoone G.J., Kroon C., Ebeling S.B.;
Unpublished. M80291

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Unpublished. M80292

Leishmania brasiliensis guanensis small subunit ribosomal RNA.

Van Eys G., Schoone G.J., Kroon C., Ebeling S.B.;
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Leishmania donovani chagasi surface protease (stationary glycoprotein 63, GP63) mRNA, complete cds.

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Huss V.A.R., Sogin M.L., Kessler E., Seidel B.;
Unpublished. X63504

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complete cds.
Johnson T.C., Schneider J.C., Somerville C.;
Unpublished. M80571

C.saccharophila small subunit ribosomal RNA
Huss V.A.R., Sogin M.L., Kessler E., Seidel B.;
Unpublished. X63505

Gossypium hirsutum dehydrin (Lea3-D11) gene, complete cds.
Galau G.A., Close T.J.;
Unpublished. M81654

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Galau G.A., Close T.J.;
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cds.
Amasino R.M., Crowell D.N.;
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Hsing Y.i., Chen Z.Y., Chow T.Y.;
Unpublished. M80666

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complete cds.
Chen Z.Y., Hsing Y.i., Chow T.Y.;
Unpublished. M80664

Tomato acid invertase (TIV1) mRNA, complete cds.
Klann E.M., Yelle S., Bennett A.B.;
Unpublished. M81081

Nicotiana plumbaginifolia plasma-membrane H⁺ ATPase (pma1)
gene, complete cds.
Perez C., Michelet B., Ferrant V., Bogaerts P., Boutry M.;
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Litts J.C., Erdman M.B., Chaudhary S.R., Huang N., Karrer
E.E., Noueir A., Quatrano R.S., Rodrigues R.L.;
Unpublished. X63126

P.glauca mRNA for 2S-like storage protein
Newton C.H.;
Unpublished. X63193

P.glauca mRNA for legumin-like storage protein
Newton C.H.;
Unpublished. X63192

P.glauca mRNA for vicilin-like storage protein
Newton C.H.;
Unpublished. X63191

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Taniguchi M., Sawaki H., Sasakawa H., Hase T., Sugiyama T.;
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Unpublished. M79441–M79443
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Leer R.J., Van Lwijk N., Posno M., Pouwels P.H.;
Unpublished. X62347
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Leer R.J., Van Lwijk N., Posno M., Pouwels P.H.;
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Woese C.R.;
Unpublished. M59157
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Unpublished. X62699
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Klee H.J.;
Unpublished. M80882
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Unpublished. M80628
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Unpublished. M81703
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Schmieger H.;
Unpublished. X63142
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Unpublished. M82917
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Unpublished. M81691
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Volchkov V.E., Volchkova V.A., Netesov S.V.;
Mol. Gen. Mikrobiol. Virusol. 5:8–15(1991). X63135

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Unpublished. M73975
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Yamnikova S., Mandler J., Bekh-Ochir Z., Dachtzeren P., Ludwig S., Lvov D., Scholtissek C.;
Unpublished. M73978
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Unpublished. M73771
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Bean W.J., Schell M., Katz J., Kawaoka Y., Naeve C., Gorman O., Webster R.G.;
Unpublished. M73772
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Bean W.J., Schell M., Katz J., Kawaoka Y., Naeve C., Gorman O., Webster R.G.;
Unpublished. M73773
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Yamnikova S., Mandler J., Bekh-Ochir Z., Dachtzeren P., Ludwig S., Lvov D., Scholtissek C.;
Unpublished. M73976
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Yamnikova S., Mandler J., Bekh-Ochir Z., Dachtzeren P., Ludwig S., Lvov D., Scholtissek C.;
Unpublished. M73977
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Yamnikova S., Mandler J., Bekh-Ochir Z., Dachtzeren P., Ludwig S., Lvov D., Scholtissek C.;
Unpublished. M73974
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Unpublished. M73973
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Yamnikova S., Mandler J., Bekh-Ochir Z., Dachtzeren P., Ludwig S., Lvov D., Scholtissek C.;
Unpublished. M73972
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Lehner R., Stamminger T., Mach M.;
Unpublished. M64954
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Lehner R., Stamminger T., Mach M.;
Unpublished. M64953, M64955
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He Y., Xu L., Huang E.S.;
Unpublished. M81432
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Lehner R., Stamminger T., Mach M.;
Unpublished. M64966–M64967
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Lehner R., Stamminger T., Mach M.;
Unpublished. M64968
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Chang C.K., Balachandran N.;
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Unpublished. M81729
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Brown E.A., Day S.P., Jansen R.W., Lemon S.M.;
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Unpublished. M66722
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Khan A.S., Galvin T.A., Lowenstine L.J., Jennings M.B., Gardner
M.B., Buckler C.E.;
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Khan A.S., Galvin T.A., Lowenstine L.J., Jennings M.B., Gardner
M.B., Buckler C.E.;
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mRNA, 5' end.
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esterase (HE) mRNA, complete cds.
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Wesley R.D., Woods R.D., Cheung A.K.;
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Karasawa A., Nakaho K., Kakutani T., Minobe Y., Ehara Y.;
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Unpublished. M81435
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vaccinia related orfs.
Hall R.L., Moyer R.W.;
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Gruidl M.E., Hall R.L., Moyer R.W.;
Unpublished. M80924
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fragment).
Strayer D.S., Jerng H.H., O'Connor K.;
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serotype 1 breaking/joining region.
Zou S., Brown E.G.;
Unpublished. M77643–M77653, M77655
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cds.
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Allan J.S., Short M., Taylor M.E., Su S., Hirsch V.M., Johnson
P.R., Shaw G.M., Hahn B.H.;
J. Virol. 65:2816–2828(1991). M81730–M81733

Simian immunodeficiency virus, monkey SAB386, ss-RNA, partial pol CDS.

Allan J.S., Short M., Taylor M.E., Su S., Hirsch V.M., Johnson P.R., Shaw G.M., Hahn B.H.;
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J. Virol. 65:4480–4485(1991). M62651

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Renne R., Friedl E., Schweizer M., Fleps U., Turek R., Neumann-Haefelin D.;
Unpublished. M74895

Simian foamy virus type 1 transcriptional transactivator gene, 5' end and env gene, 3' end.

Mergia A., Shaw K.E., Pratt-Lowe E., Barry P.A., Luciw P.A.;
J. Virol. 65:2903–2909(1991). M74039

Sendai virus mutant fusion glycoprotein (F) mRNA, complete cds.

Seto J.T.;
Unpublished. M76993–M77002

Simian virus 5 L protein genomic RNA, complete cds.

Parks G.D., Ward C.D., Lamb R.A.;
Unpublished. M81721

Simian virus 5 (W3A) NP mRNA, complete cds.

Parks G.D., Ward C.D., Lamb R.A.;
Unpublished. M81442

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Goldberg K.B., Modrell B., Hillman B.I., Heaton L.A., Choi T.J., Jackson A.O.;
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Jaagsiekte sheep retrovirus env protein (env) gene, 3' end.

York D.F., Vigne R., Verwoerd D.W., Querat G.;
J. Virol. 65:5061–5067(1991). M65013

Jaagsiekte sheep retrovirus pol protein (pol) gene, partial cds.

York D.F., Vigne R., Verwoerd D.W., Querat G.;
J. Virol. 65:5061–5067(1991). M65014

BACTERIOPHAGES:

Shigella flexneri bacteriophage Sf6 int and oac genes for integrase and O-antigen acetylase

Manning P.A., Clark C.A., Beltrame J.;
Gene 107:43–52(1991). X59553

SYNTHETICS:

Insertion sequence IS406 (complete DNA), containing two open reading frames, inserted into the Tn951 element (partial).

Wood M.S., Byrne A.M., Lessie T.G.;
Gene 105:101–105(1991). M82979