
New nucleotide sequence data on the EMBL File Server

October 6 to October 20, 1992

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:

GET NUC:X12399

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

HELP

PRIMATES:

G.gorilla allele at minisatellite MS608

Armour J.A.L., Crosier M., Jeffreys A.J.;
Unpublished. X59143

H. sapiens DNA segment containing (CA) repeat; single read.
Weissenbach J., Gyapay G., Dib C., Vignal A., Morissette J.,
Millasseau P., Vaysseix G., Lathrop M.;
Nature (In Press) Z16423-X17202,Z17245-Z17277

H.sapiens minisatellite MS630 flanking regions
Armour J.A.L., Crosier M., Jeffreys A.J.;
Unpublished. X59140-X59141

Human alpha-3 type IV collagen (COL4A3) mRNA, 3' end cds.
Quinones S., Bernal D., Garcia-Sogo M., Elena S.F., Saus J.;
J. Biol. Chem. 267:19780-19874(1992). M92993

H.sapiens mRNA for myocyte-specific enhancer factor (aMEF2),
alternatively spliced exon
Yu Y.T., Breitbart R.E., Smoot L.B., Lee Y., Mahdavi V.,
Nadal-Ginard B.;
Genes Dev. 6:1783-1798(1992). X68503

H.sapiens antithrombin gene trinucleotide repeat of intron 4
Perry D.J.;
Unpublished. X68528-X68529

Homo sapiens APX gene for APEX nuclease.
Seki S., Hatsushika M., Watanabe S., Akiyama K., Nagao K.,
Tsutsui K.;
Biochim. Biophys. Acta 1131:287-299(1992). D13370

Human zinc finger protein basonuclin mRNA, complete cds.
Tseng H., Green H.;
Unpublished. L03427

Human mRNA for CRK-II, complete cds.
Matsuda M., Tanaka S., Nagata S., Kojima A., Kurata T.,
Shibuya M.;
Mol. Cell. Biol. 12:3482-3489(1992). D10656

Human cyclophilin-related protein mRNA, complete cds.
Anderson S.K., Gallinger S., Roder J., Frey J., Young H.,
Ortaldo J.;
Unpublished. L04288

H.sapiens CYP 21 gene for steroid 21-monooxygenase
Helmberg A., Tabarelli M., Dobler G., Kofler R.;
Unpublished. X58899

H.sapiens CYP21 gene for steroid 21-monooxygenase
Helmberg A., Kofler R.;
Unpublished. X58900,X58902,X58904,X58906-X58907

H.sapiens CYP21 A/B fusion gene for steroid 21-monooxygenase,
exons 1-2
Helmberg A., Kofler R.;
Unpublished. X58901

H.sapiens CYP21B/CYP21A fusion gene for steroid
21-monooxygenase
Helmberg A., Kofler R.;
Unpublished. X58905

H.sapiens CYP21 A pseudogene for steroid 21-monooxygenase
Helmberg A., Kofler R.;
Unpublished. X58903

H.sapiens CYP21A/CYP21B fusion gene for steroid
21-monooxygenase, exons 1 and 2
Helmberg A., Kofler R.;
Unpublished. X58908

Human dinucleotide repeat polymorphism at the D16S320 locus.
Shen Y.;
Unpublished. L02209

H.sapiens DNA for dinucleotide repeat polymorphism (D19S207)
Wieringa B.B.;
Unpublished. Z17222

- H.sapiens D1S158 dinucleotide (CT)_n repeat polymorphism DNA
Overbeck L.D., Weston M.D., Kimberling W.J., Johnson D.H.;
Hum. Mol. Gen. 1:141–141(1992). Z11721
- Homo sapiens DNA fragment.
MacCollin M.M.;
Unpublished. L04547–L04548,L04550,L04553–L04560
- Homo sapiens ribosomal RNA fragment.
MacCollin M.M.;
Unpublished. L04551–L04552
- Human dinucleotide repeat polymorphism (at D5S locus) mRNA
sequence.
Xiao H., Ide S.E., Merril C.R., Polymeropoulos M.H.;
Unpublished. L04460
- Human dihydroorotate dehydrogenase mRNA, 3' end.
Minet M., Dufour M.E., Lacroute F.;
Gene 121:393–396(1992). M94065
- Human mRNA for DnaJ protein.
Iwahori A., Oh S., Kato S.;
Unpublished. D13388
- Human dopamine transporter mRNA, complete cds.
Vandenbergh D.J., Persico A.M.;
Brain Res. Mol. Brain Res. 15:161–166(1992). M95167
- Human gene for elafin, complete cds.
Saheki T., Ito F., Hagiwara H., Saito Y., Kuroki J., Tachibana S.,
Hirose S.;
Biochem. Biophys. Res. Commun. 185:240–245(1992). D13156
- H.sapiens mRNA for 50 kDa erythrocyte plasma membrane
glycoprotein
Ridgwell K., Spurr N.K., Laguda B., Macgeogh C., Avent N.D.,
Tanner M.J.A.;
Biochem. J. 287:223–228(1992). X64594
- Human Fc-gamma receptor I family gene product mRNA sequence.
Porges A.J., Redecha P.B., Doebele R., Pan L.C., Salmon J.E.,
Kimberly R.P.;
Unpublished. L03419–L03420
- H.sapiens soluble guanylate cyclase large subunit mRNA
Giulli G., Scholl U., Bulle F., Guellaen G.;
FEBS Lett. 304:83–88(1992). X66533–X66534
- Human glucokinase gene associated satellite repeat DNA sequence.
Tanizawa Y., Matsutani A., Chiu K.C., Permutt M.A.;
Mol. Endocrinol. 6:1070–1081(1992). M90296
- Human glucokinase (GCK) gene, exon 1 and 5' flanking region.
Tanizawa Y., Matsutani A., Chiu K.C., Permutt M.A.;
Mol. Endocrinol. 6:1070–1081(1992). M90297
- Homo sapiens mRNA for GTP cyclohydrolase I
Guetlich M., Schott K., Werner T., Bacher A., Ziegler I.;
Biochim. Biophys. Acta (In Press) Z16418
- Homo sapiens Huntington disease (D4S182 locus) dinucleotide
repeat region.
Tagle D.A., Blanchard-McQuate K.L., Valdes J., Castilla L.,
Macdonald M.E., Gusella J.F.;
Unpublished. L03349
- Human MHC class II HLA-DRB1*0801 gene and its allele
HLA-DRW8.5.
BENMAMAR D., Martinez-Laso J., Morales P., Varela P., Corell
A., Martin-Villa M., Arnaiz-Villena A.;
Unpublished. M86590
- Human histatin 1 (HIS1) gene.
Sabatini L.M., Ota T., Azen E.A.;
Unpublished. L04131
- Human histatin 1 (HIS1) gene exons 1–5, complete cds.
Sabatini L.M., Ota T., Azen E.A.;
Unpublished. L04132
- H.sapiens germline Ig H-chain V-region
Tomlinson I.M., Walter G., Marks J.D., Llewelyn M.B., Winter
G.;
J. Mol. Biol. 227:776–798(1992).
Z12303–Z12374,Z12602–Z12603,Z14071–Z14076
- Human IGF binding protein complex acid-labile subunit a mRNA,
complete cds.
Leong S.R., Baxter R.C., Camerato T., Dai J., Wood W.I.;
Mol. Endocrinol. 6:870–876(1992). M86826
- Human Fc-gamma receptor I family gene product mRNA sequence.
Porges A.J., Redecha P.B., Doebele R., Pan L.C., Salmon J.E.,
Kimberly R.P.;
Unpublished. L03418
- Homo sapiens Ig rearranged gamma-chain mRNA; variable,
diversity, joining region hybridoma.
Capra J.D., Ostberg L., Ehrlich P.H., Andris J.S.;
Unpublished. L03677,L03679,L03681,L03683
- H.sapiens DNA for germline immunoglobulin heavy chain variable
region fragmented pseudogene
Tomlinson I.M., Walter G., Marks J.D., Llewelyn M.B., Winter
G.;
J. Mol. Biol. 227:776–798(1992). Z15099–Z15101
- Human Ig rearranged mu-chain mRNA variable region (V3),
diversity region, joining region (J4), partial cds.
Ernel R.W., Kenny T.P., Chen P.P., Robbins D.L.;
Unpublished. L03385
- Human immunoglobulin heavy chain subgroup VH3 variable
region, diversity region, joining region, and constant region
mRNA.
Paul E., Diamond B.;
Unpublished. L03636
- Human immunoglobulin heavy chain subgroup VH4 variable
region, diversity region, joining region, and constant region
mRNA.
Paul E., Diamond B.;
Unpublished. L03635
- Human Ig rearranged kappa-chain mRNA variable region, joining
region, constant region, partial cds.
Ernel R.W., Kenny T.P., Chen P.P., Robbins D.L.;
Unpublished. L03555
- Homo sapiens Ig rearranged kappa-chain mRNA; variable, joining
region hybridoma.
Capra J.D., Ostberg L., Ehrlich P.H., Andris J.S.;
Unpublished. L03678,L03684

Human Ig rearranged H-chain mRNA V-region, partial cds.
Hillson J.L., Oppliger I.R., Sasso E.H., Milner E.C., Wener M.H.;
Unpublished. L04325–L04327,L04330–L04332

Human IG rearranged lambda-chain mRNA V-J-C-region, partial cds.
Paul E., Iliev A., Livneh A., Diamond B.;
Unpublished. L03626–L03634

Homo sapiens Ig rearranged lambda-chain mRNA; variable, joining region hybridoma.
Capra J.D., Ostberg L., Ehrlich P.H., Andris J.S.;
Unpublished. L03680,L03682

Homo sapiens Ig germline lambda-chain gene variable region retinoblastoma subgroup I (IGLV), 5' end cds.
Daley D.M., Olee T., Peng H.Q., Soto-Gil R.W., Chen P.P., Siminovitch K.A.;
Mol. Immunol. 29:1031–1042(1992). M94118

Human Ig rearranged H-chain mRNA V-region, partial cds.
Hillson J.L., Oppliger I.R., Sasso E.H., Milner E.C., Wener M.H.;
Unpublished. L04333,L04338–L04346

Human interleukin 1 receptor antagonist (IL1RN) gene, 5' flank.
Smith M.F.Jr., Eidlen D., Brewer M.T., Eisenberg S.P., Arend W.P., Gutierrez-Hartmann A.;
J. Immunol. 149:2000–2007(1992). M97748

Human mRNA for 80K-L protein, complete cds.
Sakai K., Hirai M., Kudoh J., Minoshima S., Shimizu N.;
Genomics 14:175–178(1992). D10522

Human lens membrane protein (mp19) gene, exon 11.
Church R.L., Wang J., Neckelmann N.;
Unpublished. L04193

H.sapiens gene for link protein, exon 1
Rhodes C., Yamada Y.;
Unpublished. X55056

H.sapiens, gene for Membrane cofactor protein
Post T.W., Liszewski M.K., Adams E.A., Tedja I., Miller E.A., Atkinson J.P.;
Unpublished. X59405–X59410

Human nitric oxide synthase mRNA, complete cds.
Nakane M., Schmidt H.H., Pollock J.S., Forstermann U., Murad F.;
Unpublished. L02881

H.sapiens mRNA for procarboxypeptidase A1
Catasus L., Villegas V., Pascual R., Aviles F.X., Wicker-Planquart C., Puigserver A.;
Biochem. J. 287:299–303(1992). X67318

Human LTR mRNA, 3' end of coding region and 3' flank.
Goodchild N., Wilkinson D., Mager D.L.;
Unpublished. M92449

H.sapiens PROS-27 mRNA
Bey F., Silva-Pereira I., Coux O., Viegas P.E., Recillas F., Scherrer K.;
Unpublished. X59417

Human RD protein (RD) mRNA, complete cds.
Cheng J., Volanakis J.E., Macon K.J.;
Unpublished. L03411

H.sapiens REC1L mRNA
Abritton M., Tseng L., Cunningham J.M.;
Unpublished. X57303

H.sapiens mRNA for rhesus polypeptide (Rh4)
Le van K., Colin Y.;
Blood 80:1074–1078(1992). X63098

H.sapiens mRNA for rhesus polypeptide (RhVIII)
Le van K., Colin Y.;
Blood 80:1074–1078(1992). X63096

H.sapiens mRNA for rhesus polypeptide (RhXIII)
Le van K., Colin Y.;
Blood 80:1074–1078(1992). X63097

H.sapiens, RNA-PolII-cDNA
Barron-Casella E., Corden J.L.;
J. Mol. Evol. 35:405–410(1992). X59443

Human transmembrane receptor (ror1) mRNA, complete cds.
Masiakowski P., Carroll R.D.;
Unpublished. M97675

Human transmembrane receptor (ror2) mRNA, complete cds.
Masiakowski P., Carroll R.D.;
Unpublished. M97639

H.sapiens mRNA for ribosomal protein L37a
Hoof T., Fislage R., Tuemmler B.;
Nucleic Acids Res. 20:5475–5475(1992). X66699

Human dinucleotide repeat sequence on chromosome 14.
Polymeropoulos M.H., Xiao H., Ide S.E., Merrill C.R.;
Unpublished. L04461

H.sapiens rearranged T-cell receptor beta chain mRNA
Bowman S.J., Lanchbury J.S.;
Unpublished. X68527

The original sequence that was here has been deleted at the author's request.
Ulvsbaeck M., Lazure C., Lilja H., Spurr N., Rao G., Loeffler C., Hansmann I., Lundwall A.;
J. Biol. Chem. 267:18080–18084(1992). M81653

Human global transcription activator homologous sequence mRNA, complete cds.
Okabe I., Bailey L.C., Attree O.F., Perkel J.M., Nelson D.L., Nussbaum R.L.;
Nucleic Acids Res. 20:4649–4655(1992). M88163

Human global transcription activator homologous sequence mRNA, 5' end.
Okabe I., Bailey L.C., Attree O.F., Perkel J.M., Nelson D.L., Nussbaum R.L.;
Nucleic Acids Res. 20:4649–4655(1992). M89907

Human small proline-rich protein gene, complete cds.
An G., Wu R.;
Unpublished. M84757

Human steroid-5-alpha-reductase type II (SRD5A2) gene, exons 1-5.

Labrie F., Sugimoto Y., Luu-The V., Simard J., Lachance Y., Bachvarov D., Leblanc G., Durocher F., Paquet N.;
Endocrinology 131:1571-1573(1992). L03843

Homo sapiens (clone CD18) tumor necrosis factor receptor 2 related protein mRNA, complete cds.

Baens M., Chaffanet M., Cassiman J.J., den Berghe H., Marynen P.;
Unpublished. L04270

Human trithorax-like protein (TRX1) mRNA, partial cds.

Djabali M., Selleri L., Bower M., Young B.D., Evans G.A.;
Nature Genet. 2:113-118(1992). L01986

Homo sapiens (clone NCD18) tumor necrosis factor receptor related protein mRNA, complete exon and repeat region.

Baens M., Chaffanet M., Cassiman J.J., den Berghe H., Marynen P.;
Unpublished. L04489

H.sapiens mRNA for myocyte-specific enhancer factor 2 (XMEF2)

Yu Y.T., Breitbart R.E., Smoot L.B., Lee Y., Mahdavi V., Nadal-Ginard B.;
Genes Dev. 6:1783-1798(1992). X68502

Macaca mulatta T cell receptor beta (TCRB) mRNA.

Chen Z.W.;
Unpublished. L03578-L03589,L03737-L03738

M.sylvanus, RNA PolIII-c-DNA

Barron-Casella E., Corden J.L.;
J. Mol. Evol. 35:405-410(1992). X59442

P.pygmaeus allele at minisatellite MS608

Armour J.A.L., Crosier M., Jeffreys A.J.;
Unpublished. X59144

P.troglodytes allele at minisatellite MS608

Armour J.A.L., Crosier M., Jeffreys A.J.;
Unpublished. X59142

RODENTS:

Cricetus griseus a-family DNA polymerase mRNA sequence.

Liu P.K.;
Unpublished. L03277

Hamster P-glycoprotein class I (pgp1) gene exons 1-2.

Zastawny R.L., Ling V.;
Unpublished. L03286

Hamster P-glycoprotein class II (pgp2) gene exons 1-2.

Zastawny R.L., Ling V.;
Unpublished. L03287

M.musculus mRNA encoding adenosylmethionine decarboxylase

Pajunen A.;
Unpublished. Z14986

Mouse apolipoprotein A-I/CIII gene.

Januzzi J.L., Azrolan N., O'Connell A., Aalto-Setälä K., Breslow J.L.;
Unpublished. L04149

Mouse apolipoprotein A-I/CIII mRNA.

Januzzi J.L., Azrolan N., O'Connell A., Aalto-Setälä K., Breslow J.L.;
Unpublished. L04150-L04151

Mouse alpha-lactalbumin gene, complete cds.

Vilotte J.L., Soulier S.;
Gene 119:287-292(1992). M87863

M.musculus btg1 mRNA

Rouault J.;
Unpublished. Z16410

Mus musculus core-binding factor mRNA sequence.

Wang S., Speck N.A.;
Unpublished. L03305-L03306

Mouse CD3-theta T-cell receptor subunit, complete cds.

Lerner A., Diener A.C., Reinherz E.L., Clayton L.K.;
Eur. J. Immunol. 22:2135-2140(1992). L03353

Mouse cyclophilin-related protein mRNA, partial cds.

Anderson S.K., Gallinger S., Roder J., Frey J., Young H., Ortaldo J.;
Unpublished. L04289

Mouse locus DXBay6.

Angel T.A., Herman G.E.;
Unpublished. L03560

M.musculus ENO3 mRNA for enolase beta subunit

Lazar M., Lamande N., Brosset S., Lucas M., Keller A.;
Unpublished. X57747

Mouse growth factor-induced delayed early response protein, mRNA.

Lanahan A.A., Williams J.B., Sanders L.K., Nathans D.;
Mol. Cell. Biol. 12:3919-3929(1992). L02914

Mus musculus homeobox domain (HES-1) mRNA, partial cds.

Thomas P.Q., Rathjen P.D.;
Nucleic Acids Res. 20:5840-5840(1992). L02646

Mouse helix-loop-helix protein, homologous to rat MASH1, mRNA complete cds.

del Amo F., Gendron-Maguire M., Gridley T.;
Unpublished. M95603

Mus musculus homeobox-containing protein (Hox-1.11) mRNA, complete cds.

Gridley T.;
Unpublished. M95599

M.musculus HOX-3.5 gene

Peterson R.L., Jacobs D.F., Awgulewitsch A.;
Mech. Dev. 37:151-166(1992). X63507

M.musculus mRNA for IgH heavy chain V region

Kavaler J.;
Unpublished. X59113-X59116

Mouse hybridoma Ig rearranged H-chain mRNA V-region, partial cds.

Lohman K.L., Buck D., Carrillo M.A., Kennedy R.C.;
Unpublished. M97863,M97865,M97867

- M.musculus mRNA for IgK light chain V region
Kavaler J.;
Unpublished. X59087,X59100–X59103
- Mouse integrin beta-7 subunit mRNA, complete cds.
Hu M.C.T., Crowe D.T., Weissman I.L., Holzmann B.;
Proc. Natl. Acad. Sci. U.S.A. 89:8254–8258(1992).
M95632–M95633
- Mouse hybridoma Ig rearranged kappa-chain mRNA V-region,
partial cds.
Lohman K.L., Kieber-Emmons T., Kennedy R.C.;
Unpublished. M97862,M97866,M97869,M97871,M97873,M97875,
M97877,M97879
- Mouse hybridoma Ig rearranged H-chain mRNA V-region, partial
cds.
Lohman K.L., Buck D., Carrillo M.A., Kennedy R.C.;
Unpublished. M97868,M97870,M97872,M97874,M97876,M97878
- M.musculus mRNA for Mcf2 proto-oncogene, partial
Galland F., Pirisi V., de Lapeyrie O., Birnbaum D.;
Oncogene (In Press) X57298
- M.musculus Mox-2A mRNA
Candia A.F., Hu J., Crosby J., Lalley P.A., Noden D., Nadeau
J.H., Wright C.V.E.;
Development (In Press) Z16406
- Mus musculus core-binding factor mRNA sequence.
Wang S., Speck N.A.;
Unpublished. L03279
- M.musculus rac1 gene
Moll J.;
Unpublished. X57277
- M.musculus mRNA for t-Complex Tcp-10a gene
Davies P.O., Willison K.R.;
Unpublished. X58169–X58172
- M.musculus mRNA for serotonin receptor.
Loric S., Launay J.M., Colas J.F., Maroteaux L.;
FEBS Lett. 312:203–207(1992). Z15119
- Mouse (transgenic) Tcp-10bt t complex responder transcriptional
regulatory region.
Schimenti J.C.;
Unpublished. M84175
- Mus musculus thrombin receptor mRNA, complete cds.
Coughlin S.R.;
Unpublished. L03529
- Mus musculus uteroglogin mRNA, complete cds.
Margraf L.R., Finegold M.J., Stanley L.A., Majors A., Nawkins
H.K., DeMayo F.J.;
Unpublished. L04503
- Mus musculus zinc finger protein mRNA, complete cds.
Smith D.E., del Amo F., Gridley T.;
Unpublished. M95604
- R.norvegicus (strain Wistar) b5R gene for NADH-cytochrome b5
reductase (erythroid-specific exon 2)
Pietrini G., Aggujaro D., Carrera P., Malyszko J., Vitale A.,
Borgese N.;
J. Cell Biol. 117:975–986(1992). X65190
- Rattus norvegicus calcineurin B subunit mRNA, complete cds.
Perrino B.A., Huang X., Ng L.Y., Soderling T.R.;
Unpublished. L03554
- Rat brain cholecystokinin receptor mRNA, complete cds.
Wank S.A., Pisegna J.R., de Weerth A.;
Proc. Natl. Acad. Sci. U.S.A. 89:8691–8695(1992). M99418
- Rattus norvegicus Sprague-Dawley of MAP kinase gene.
Wu J., Michel H., Rossomando A., Haystead T.A., Shabanowitz
J., Hunt D.F., Sturgill T.W.;
Biochem. J. 285:701–705(1992). D13341
- Rattus norvegicus (clone pGAT-B) beta-alanine-sensitive neuronal
GABA transporter mRNA, complete cds.
Clark J.A., Deutch A.Y., Gallipoli P.Z., Amara S.G.;
Unpublished. M95738
- Rat mRNA sequence.
Thorens B.M.;
Proc. Natl. Acad. Sci. U.S.A. 89:8641–8646(1992). M97797
- R.norvegicus glutamine synthetase gene 5' region
Labruyere W.T., Lamers W.H.;
Unpublished. X57109
- Rat mRNA for histamine N-methyltransferase, complete cds.
Takemura M., Tanaka T., Taguchi Y., Imamura I., Mizuguchi H.,
Kuroda M., Fukui H., Yamatodani A., Wada H.;
J. Biol. Chem. 267:15687–15691(1992). D10693
- Rat (clone RAHB2 8/10) hox1.3 protein (hox1.3) mRNA, 3' end.
LePage D.F., Gorski D.H., Patel C.V., Walsh K.;
Unpublished. L03556
- Rat (clone RAHB2 9/15) hox1.4 protein (hox1.4) mRNA, 3' end.
LePage D.F., Gorski D.H., Patel C.V., Walsh K.;
Unpublished. L03557
- R.norvegicus mRNA for hepatic receptor
Svoboda M., Ciccarelli E., Tastenoy M., Cauvin A., Stievenart
M., Christophe J.;
Unpublished. X68692
- R.norvegicus mRNA for Ig heavy chain VDJ-region CH1-CH2
Dammers P.M., Bos N.A., Kroese F.G.M.;
Unpublished. X68782
- Rat interleukin 10 (IL-10) mRNA, complete cds.
Goodman R.E., Oblak J., Bell R.G.;
Unpublished. L02926
- R.norvegicus intergenic enhancer sequence for alpha1-fetoprotein
and albumin
Bernier D., Thomassin H., Allard D., Guertin M., Belanger L.;
Unpublished. X68548
- Rattus norvegicus mRNA sequence.
de Miera E.C., Moreno H., Fruhling D., Kentros C., Rudy B.;
Proc. R. Soc. Lond., B, Biol. Sci. 248:9–18(1992). M84210
- Rattus norvegicus potassium channel protein mRNA, complete cds.
de Miera E.C., Moreno H., Fruhling D., Kentros C., Rudy B.;
Proc. R. Soc. Lond., B, Biol. Sci. 248:9–18(1992). M84211
- R.norvegicus mRNA for ketohexokinase
Doyle T.C.;
Unpublished. X63658

R.norvegicus gene for link protein, exon
Rhodes C., Yamada Y.;
Unpublished. X55057

Rattus norvegicus lipoprotein lipase mRNA, complete cds.
Brault D., No L., Etienne J., Hamelin J., Raisonnier A., Souli A.,
Chuat J.C., Dugail I., Quignard-Boulang A., Lavau M., Galibert
F.;
Unpublished. L03294

R.norvegicus mRNA for MAP kinase kinase
Wu J., Harrison J.K., Vincent L. Ann., Haystead C., Haystead
T.A.J., Michel H., Hunt D.F., Lynch K.R., Sturgill T.W.;
Proc. Natl. Acad. Sci. U.S.A. (In Press) Z16415

Rattus norvegicus lens intrinsic membrane protein 19 (mp19)
mRNA, complete cds.
Church R.L., Wang J.;
Unpublished. L04191

R.norvegicus mRNA for keratinocyte growth factor
Yan G., Nikolaropoulos S., Wang F., McKee W.;
In Vitro Cell. Dev. Biol. 27:437-438(1992). X56551

R.norvegicus N-ras1.2ep pseudogene
van Kranen H.J.;
Unpublished. X68396

R.norvegicus N-ras6.1ep pseudogene
van Kranen H.J.;
Unpublished. X68395

Rat phospholamban gene, exon 1.
Johns D.C., Feldman A.M.;
Biochem. Biophys. Res. Commun. 188:927-933(1992). L03381

Rat phospholamban gene exon 2, complete cds.
Johns D.C., Feldman A.M.;
Biochem. Biophys. Res. Commun. 188:927-933(1992). L03382

R.norvegicus mRNA for protein kinase C-eta
Dekker L.V., Parker P.J., McIntyre P.;
FEBS Lett. (In Press) X68400

Rat rab-related GTP-binding protein mRNA, complete cds.
Shimizu H., Papst P., Smith D., McCormack F.X., Mason R.J.,
Voelker D.R., Fisher J.H.;
Unpublished. M94043

Rat mRNA for adenylate kinase 1, partial sequence.
Tanabe T., Yamada M., Noma T., Kajii T., Nakazawa A.;
Unpublished. D13376

R.norvegicus ZnBP gene for zinc binding protein
Trompeter H.I., Soeling H.D.;
FEBS Lett. 298:245-248(1992). X64053

R.rattus, RNA PolIII-c-DNA
Barron-Casella E., Corden J.L.;
J. Mol. Evol. 35:405-410(1992). X59608

Rat mRNA for DNA-binding protein B.
Ogawa H., Date T., Nishizawa M., Pitot H.C., Fujioka M.;
Unpublished. D13309

OTHER MAMMALS:

B.taurus mRNA for apolipoprotein E
Brzozowska A.;
Unpublished. X64839

B.taurus CD8 alpha chain mRNA
Alberti S., Lalor P., Bucci C., Fornaro M., Rattazzi M.C.,
Nakauchi H., Herzenberg L.A.;
Immunology 76:95-102(1992). X59416

B.taurus CYP2D mRNA for cytochrome P-450IID
Tsuneoka Y., Matsuo Y., Higuchi R., Ichikawa Y.;
Eur. J. Biochem. (In Press) X68481

B.taurus mRNA for indolicidin
Del Sal G., Storici P., Schneider C., Romeo D., Zanetti M.;
Biochem. Biophys. Res. Commun. 187:467-472(1992). X67340

B.taurus protamine 2 gene for protamine 2
Kremling H., Reinhart N., Schloesser M., Engel W.;
Biochim. Biophys. Acta 1132:133-139(1992). X60353

Canis familiaris adenyl cyclase type VI mRNA sequence.
Katsushika S., Chen L., Kawabe J.i., Nilakantan R., Halnon N.J.,
Homcy C.J., Ishikawa Y.;
Proc. Natl. Acad. Sci. U.S.A. 89:8774-8778(1992). M94968

Canis familiaris (clone pCTM-A) mucin c-terminus RNA, 3' end
cds.
Sachdev G.P.;
Unpublished. L03387

Ovis aries polymorphic dinucleotide repeat region DNA sequence.
Buchanan F.C., Crawford A.M.;
Unpublished. M90393

Ovis aries polymorphic dinucleotide repeat region DNA sequence.
Buchanan F.C., Galloway S.M., Crawford A.M.;
Unpublished. M82875

O.aries IL-4 mRNA for interleukin 4.
Engwerda C.R.;
Unpublished. Z11897

Ovis aries polymorphic dinucleotide repeat.
Buchanan F.C., Swarbrick P.A., Crawford A.M.;
Anim. Genet. 23:85-85(1992). M67437

O.aries satellite DNA
Burkin D.J.;
Unpublished. Z17215

Rabbit mRNA for glycine N-methyltransferase.
Ogawa H., Date T., Gomi T., Monno S., Karaki Y., Fujioka M.;
Unpublished. D13307

Oryctolagus cuniculus membrane glycoprotein mRNA, complete
cds.
Markovich D., Stange G., Palacin M., Werner A., Biber J.,
Murer H.;
Unpublished. L04504

Rabbit mRNA.
Tang L.H., Stoch S.A., Fox L.M., Modlin I.M., Goldenring J.R.;
Unpublished. M86821

Rabbit troponin I mRNA, complete cds.
Sheng Z., Pan B.S., Miller T., Potter J.D.;
Unpublished. L04347

Sus scrofa microsatellite polymorphism DNA sequence.
Wintero A.K., Fredholm M., Thomsen P.D.;
Genomics 12:281–288(1992). M77779,M77781

Porcine mRNA for 4-hydroxyphenylpyruvic acid dioxygenase
Endo F., Awata H., Tanoue A., Ishiguro M., Eda Y., Titani K.,
Matsuda I.;
Unpublished. D13390

S.scrofa RYR1 gene for ryanodine receptor
Fries R.;
Unpublished. Z15155–Z15156

OTHER VERTEBRATES:

B.terio eng-2 (engrailed-2) gene
Fjose A., Njolstad P.R., Nornes S., Molven A., Fjose A.;
Mech. Dev. (In Press) X68151

C.carpio gene for gonadotropin beta subunit 1
Chang Y.S., Huang F.I., Lo T.B.;
Unpublished. X59888

C.carpio gene for gonadotropin beta subunit 2
Chang Y.S., Huang F.I., Lo T.B.;
Unpublished. X59889

G.domesticus Col6A1 gene for collagen type VI subunit alpha-1,
promoter region
Koller E., Trueb B.;
Eur. J. Biochem. 208:769–774(1992). X57987

G.domesticus genes for tRNA-Ala, tRNA-Asp, tRNA-Phe, tRNA-
Asp, and tRNA-Ala
Mezquita J., Lopez-Ibor B., Mezquita C.;
Nucleic Acids Res. 20:5477–5477(1992). Z14958

Chicken mRNA for alpha N-catenin, complete cds.
Hirano S., Kimoto N., Shimoyama Y., Hirohashi S., Takeichi M.;
Cell 70:293–301(1992). D11090

Chicken caveolin mRNA.
Glennay J.R.Jr.;
Unpublished. L01582

G.gallus c-myc mRNA
Harris L.L., Talian J.C., Zelenka P.S.;
Development 115:813–820(1992). X68073

G.gallus CO326 DNA fragment
Vassetzky Y.S., Kvartskhava A.I., Turpaev K.T., Grinenko N.F.,
Bogdanova A.N., Razin S.V.;
Unpublished. X59894

Chicken growth-promoting activity factor (GPA) mRNA, complete
cds.
Leung D.W., Parent A.S., Cachianes G., Lee A.L., Nikolics K.,
Esch F., Coulombe J.N., Blacher R.W., Eckenstein F.P.,
Nishi R.;
Neuron 8:1045–1053(1992). M80827

Chicken mRNA for M-protein, complete cds.
Noguchi J., Yanagisawa M., Imamura M., Kasuya Y., Sakurai T.,
Tanaka T., Masaki T.;
J. Biol. Chem. 267:20302–20310(1992). D11474

G.gallus mRNA for nuclear factor I-A1.1
Kruse U.;
Unpublished. X68152

G.gallus mRNA for nuclear factor I-A3
Kruse U.;
Unpublished. X68153

G.gallus mRNA for nuclear factor I-A4
Kruse U.;
Unpublished. X68154

G.gallus mRNA for nuclear factor I-A5
Kruse U.;
Unpublished. X68155

G.gallus mRNA for nuclear factor I-A6
Kruse U.;
Unpublished. X68156

G.gallus mRNA for nuclear factor I-C1
Kruse U.;
Unpublished. X68158

G.gallus mRNA for nuclear factor I-C4
Kruse U.;
Unpublished. X68157

Chicken nonmuscle myosin heavy chain (including B1 and B2
inserts) mRNA, complete cds.
Takahashi M., Kawamoto S., Adelstein R.S.;
J. Biol. Chem. 267:17864–17871(1992). M93676

G.gallus N-myc mRNA
Harris L.L., Talian J.C., Zelenka P.S.;
Development 115:813–820(1992). X68074

Chum salmon gene for somatolactin, exons 1-
Takayama Y., Rand-Weaver M., Kawachi H., Ono M.;
Mol. Endocrinol. 5:778–786(1992). D10636–D10638

Rainbow trout ependymin (Om-I) mRNA, complete cds.
Mueller-Schmid A., Rinder H., Lottspeich F., Gertzen E.M.M.,
Hoffmann W.;
Gene 118:189–196(1992). M93697

Rainbow trout ependymin (Om-II) mRNA, complete cds.
Mueller-Schmid A., Rinder H., Lottspeich F., Gertzen E.M.M.,
Hoffmann W.;
Gene 118:189–196(1992). M93698

Oncorhynchus mykiss of GRE gene encoding estrogen receptor.
Wolff J.;
Unpublished. Z16419

Pleurodeles waltlii Zn-binding protein (PWa33) mRNA, complete
cds.
Bellini M., Lacroix J.C., Gall J.G.;
Unpublished. L04190

- Atlantic salmon ependymin (SS-II) gene, complete cds.
Mueller-Schmid A., Rinder H., Lottspeich F., Gertzen E.M.M.,
Hoffmann W.;
Gene 118:189–196(1992). M93699
- Frog (clone x7059) 14–3-3 protein mRNA, complete cds.
Martens G.J., Groenen P.M., Groneveld D., van Riel M.C.;
Unpublished. M86928
- Xenopus laevis neuromedin mRNA, complete cds.
Wechselberger C., Kreil G., Richter K.;
Proc. Natl. Acad. Sci. U.S.A. 89:9819–9822(1992). L01530
- X.laevis mRNA for an ATP dependent RNA helicase
Gururajan R., O'Keefe H., Melton D., Weeks D.;
Unpublished. X57328
- Xenopus laevis ribonucleoprotein mRNA, complete cds.
Good P.J., Rebbert M.L., Dawid I.B.;
Unpublished. L02954–L02957
- X.laevis XE12 mRNA for DNA binding protein E12
Rashbass J., Taylor M.V., Gurdon J.B.;
EMBO J. 11:2981–2990(1992). X66959
- Xenopus laevis ribonucleoprotein (xrp1) mRNA, complete cds.
Good P.J., Rebbert M.L., Dawid I.B.;
Unpublished. L02953
- X.maculatus BDNF gene for brain-derived neurotrophic factor
Goetz R., Raulf F., Scharl M.;
J. Neurochem. 59:432–442(1992). X59942
- X.maculatus NGF gene for nerve growth factor
Goetz R., Raulf F., Scharl M.;
J. Neurochem. 59:432–442(1992). X59941
- INVERTEBRATES:**
- A.vitae Av71 mRNA for muscle cell intermediate filament
Seeber F., Hoefle W., Kern A., Lucius R.;
Unpublished. X68557
- Snail tropomyosin mRNA, complete cds.
Weston D.S., Kemp W.M.;
Unpublished. M97554
- Bombyx mori mRNA for put. sorbitol dehydrogenase.
Niimi T., Yamashita O., Yaginuma T.;
Unpublished. D13371
- Bombyx mori mRNA for elongation factor 1 alpha.
Kamie K., Taira H., Ooura H., Matsumoto S., Ejiri S.i.,
Katsumata T.;
Unpublished. D13338
- Bombyx mori mRNA for elongation factor 1 beta'.
Taira H., Kamie K., Kakuta A., Ooura H., Matsumoto S., Ejiri
S.i., Katsumata T.;
Unpublished. D13339
- B.mori gene for transfer RNA Gly
Taneja R., Gopalakrishnan R., Gopinathan K.P.;
Unpublished. X68294
- Silkworm mRNA for vitellogenin, complete cds.
Tomino S.;
Unpublished. D13160
- Caenorhabditis elegans alkali myosin light chain (mlc-3) gene exons
1–4, complete cds.
Sprunger S.A., Cummins C., Anderson P.;
Unpublished. L03412
- C.elegans mRNA for rac1 homologue
Chen W., Lim H.H., Lim L.;
J. Biol. Chem. (In Press) X68492
- Caenorhabditis elegans rac1 homologue mRNA, complete cds.
Chen W., Lim H.H., Lim L.;
Unpublished. L04287
- Caenorhabditis elegans protein-tyrosine kinase (kin-15 and kin-16)
genes, complete coding regions.
Morgan W.R., Greenwald I.;
Unpublished. L03524
- Dictyostelium discoideum glycoprotein gp100 (P29F8; GP100)
mRNA, complete cds.
Barth A., Muller-Taubenberger A., Taranto P., Gerisch G.;
Unpublished. L04286
- Dictyostelium discoideum phosphoinositide-specific phospholipase C
(DdPLC) mRNA, complete cds.
Drayer A.L., van Haastert P.J.;
J. Biol. Chem. 267:18387–18392(1992). M95783
- D.erecta transformer (tra) gene
O'Neil M.T., Belote J.M.;
Genetics 131:113–128(1992). X66527
- D.hydei transformer (tra) gene
O'Neil M.T., Belote J.M.;
Genetics 131:113–128(1992). X66931
- Drosophila melanogaster subtelomeric heterochromatin repeats.
Karpen G.H., Spradling A.C.;
Unpublished. L03284
- Drosophila melanogaster helicase (haywire) gene, putative cds.
Mounkes L.C., Jones R., Liang B.C., Gelbart W.M., Fuller M.;
Unpublished. L02965
- Drosophila melanogaster hedgehog protein (hh) gene, complete cds.
Lee J.J., von Kessler D.P., Parks S., Beachy P.A.;
Unpublished. L02793
- D.melanogaster gene for heterogeneous nuclear ribonucleoprotein
Hovemann B.T., Dessen E., Mechler H., Mack E.;
Unpublished. X58184
- D.melanogaster mRNA for myosin heavy chain
Kellerman K.A., Miller K.G.;
J. Cell Biol. 119:823–834(1992). X67077
- D.melanogaster DNA (clone pfd800)
Dooley S.C.;
Unpublished. Z16407
- D.melanogaster gene for heteronuclear ribonucleoprotein
Hovemann B.T., Dessen E., Mechler H., Mack E.;
Unpublished. X58183
- D.pseudoobscura Adh gene for alcohol dehydrogenase
Schaeffer S.W., Miller E.L.;
Genetics 132:163–178(1992). X68159–X68166

- D. pseudoobscura* Adh gene for alcohol dehydrogenase
Schaeffer S.W., Miller E.L.;
Genetics 132:471–480(1992). X62181–X62238,X64468–X64489
- D. simulans* transformer (tra) gene
O'Neil M.T., Belote J.M.;
Genetics 131:113–128(1992). X66930
- D. virilis* transformer (tra) gene
O'Neil M.T., Belote J.M.;
Genetics 131:113–128(1992). X66528
- Entamoeba histolytica* cdc2/CDC28 protein kinase homologue gene, complete cds.
Lohia A., Samuelson J.C.;
Unpublished. L03810
- Entamoeba histolytica* (clone gEh-CPp1) cysteine proteinase (CPp1) gene, complete cds.
Tannich E., Nickel R., Buss H., Horstmann R.D.;
Mol. Biochem. Parasitol. 54:109–112(1992). M94162
- Entamoeba histolytica* (clone gEh-CPp2) cysteine proteinase (CPp2) gene, complete cds.
Tannich E., Nickel R., Buss H., Horstmann R.D.;
Mol. Biochem. Parasitol. 54:109–112(1992). M94163
- Entamoeba histolytica* pyruvate phosphate dikinase mRNA, partial cds.
Saavedra-Lira E., Robinson O., Perez-Montfort R.;
Unpublished. L03389
- Entamoeba histolytica* G protein (ras homologue) RHO1 gene, complete cds.
Lohia A., Samuelson J.C.;
Unpublished. L03809
- Euscelis plebejus* zinc finger protein (hunchback domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01595
- Euprymna scolopes* peroxidase-like protein mRNA, 3' end cds.
Tomarev S.I., Zinovieva R.D., Weis V., Chepelinsky A.B., Piatigorsky J., McFall-Ngai M.;
Unpublished. L01771–L01772
- Fasciola hepatica* gut antigen protein (2fas1) mRNA, 3' end.
Marin M.S., Prieto M., Martin J.M., Casais J.M., Boga J.A., Parra F.;
Unpublished. M87877
- Haemonchus contortus* rRNA gene-associated DNA sequence.
Zarlenga D.S., Stringfellow F., Nobary M., Lichtenfels J.R.;
Unpublished. L04153
- Hemitaxonus japonicus* highly repeated DNA sequence.
Sonoda S., Yamada T., Naito T., Nakasuji F.;
Appl. Entomol. Zool. 27:399–405(1992). D13217
- Hemitaxonus japonicus* DNA.
Sonoda S., Yamada T., Naito T., Nakasuji F.;
Appl. Entomol. Zool. 27:399–405(1992). D13218–D13219
- Lithobius forficatus* zinc finger protein (hunchback domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01597
- Lithobius forficatus* zinc finger protein (snail domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01599
- Leishmania major* glycoprotein 96–92 (GP 96–92) gene, partial cds.
Handman E., Barnett L.D., Osborn A.H., Goding J.W., Murray P.J.;
Unpublished. M63109
- Limulus polyphemus* opsin mRNA, complete cds.
Smith C., Price D.A., Greenberg R.M., Battelle B.A.;
Unpublished. L03792
- Horseshoe crab opsin mRNA, complete cds.
Smith C., Price D.A., Greenberg R.M., Battelle B.A.;
Unpublished. L03781–L03782
- L. tarentolae* gene for tRNA gln
Lye L.F., Chen D.H.T., Suyama Y.;
Unpublished. X68207
- L. tarentolae* genes for tRNA tyr and tRNA thr
Lye L.F., Chen D.H.T., Suyama Y.;
Unpublished. X68208
- Schistosoma bovis* 5.8S ribosomal RNA gene, and 28S ribosomal RNA, 3' end and internal transcribed spacer.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03657
- Schistosoma bovis* ribosomal RNA.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03651–L03653
- Schistosoma haematobium* ribosomal RNA.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03650
- Schistosoma haematobium* 5.8S ribosomal RNA (5.8S rRNA) gene, 5' end, 28S ribosomal RNA (28S rRNA) gene, 3' end.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03656
- Schistosoma mansoni* ribosomal RNA.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03645–L03647,L03649
- Schistosoma mansoni* 5.8S ribosomal RNA (5.8S rRNA) gene, 5' end, 28S ribosomal RNA (28S rRNA) gene, 3' end.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03658
- Ommastrephes sloani* glutathione transferase gene, exons 1–5 and 3' end cds.
Tomarev S.I., Zinovieva R.D., Guo K., Piatigorsky J.;
Unpublished. L02050–L02054
- O. volvulus* Ov71 mRNA for muscle cell intermediate filament
Seeber F., Hoefle W., Kern A., Lucius R.;
Unpublished. X68558
- Nematode paramyosin mRNA, complete cds.
Dahmen A., Gallin M., Schumacher M., Erttmann K.D.;
Unpublished. M95813

- Onchocerca volvulus* repetitive sequence.
Kron M.A., HaagAli M.;
Unpublished. L03835
- Psychoda cinerea* zinc finger protein (hunchback domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01608
- Psychoda cinerea* zinc finger protein (Kruppel domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01609
- Psychoda cinerea* zinc finger protein (snail domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01610
- Pholcus phalangoides* zinc finger protein (hunchback domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01604
- Pholcus phalangoides* zinc finger protein (Kruppel domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01605
- Pholcus phalangoides* zinc finger protein (snail domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01606
- Pyura stolonifera* ribosomal protein L21 mRNA, complete cds.
Crafford T., Durrheim G.A., Corfield V.A., Ricketts M.H.;
Unpublished. L03714
- P.vivax* Pv200 (16) gene for merozoite surface protein (MSP1)
Premawansa S., Snewin V.A., Khouri E., Mendis K.N.,
David P.H.;
Unpublished. X68357
- P.vivax* Pv200 (6b) gene for merozoite surface protein (MSP1)
Premawansa S., Snewin V.A., Khouri E., Mendis K.N.,
David P.H.;
Unpublished. X68358
- Schulthesia lampiridiformis* zinc finger protein (hunchback domain region) gene, partial cds.
Sommer R.J., Retzlaff M., Goerlich K., Sander K., Tautz D.;
Unpublished. L01611
- Schistosoma mansoni* hexokinase mRNA, complete cds.
Shoemaker C.B., Reynolds S., Wei G., Harn D.;
Unpublished. L04480
- Schistosoma mansoni* tropomyosin mRNA, complete cds.
Weston D.S., Kemp W.M.;
Unpublished. M97555
- Trypanosoma brucei* protein kinase (nrkA) alleles nrkA-1 and nrkA-2 mRNAs, complete cds.
Gale M.J., Parsons M.;
Unpublished. L03778
- Trypanosoma brucei* protein kinase (nrkB) allele nrkB-2 mRNA, complete nonfunctional cds and alleles nrkB-1 and nrkB-3.
Gale M.J., Parsons M.;
Unpublished. L03777
- Trichoplusia ni* basic juvenile hormone sensitive hemolymph protein one mRNA, complete cds.
Jones G., Manczak M., Horn M.;
Unpublished. L03280
- Trichoplusia ni* basic juvenile hormone sensitive hemolymph protein two mRNA, complete cds.
Jones G., Manczak M., Horn M.;
Unpublished. L03281
- T.thermophila* genes for snRNA U1-1, snRNA U1-2, snRNA U1-3
Orum H., Nielsen H., Engberg J.;
J. Mol. Biol. 227:114–121(1992). X67383
- Trichomonas vaginalis* tandem duplication.
Paces J., Urbankova V., Urbanek P.;
Mol. Biochem. Parasitol. 54:247–256(1992). M86482,M86486
- PLANTS:**
- Avena fatua* alpha-Amy2/54 promoter region
Rushton P.J., Hooley R., Lazarus C.M.;
Plant Mol. Biol. 19:891–901(1992). X67566
- Arabidopsis thaliana* glycine rich protein (RAB18) gene, complete cds.
Carpenter C.D., Simon A.E.;
Unpublished. L04173
- A.thaliana* rab18 gene
Lang V., Palva E.T.;
Unpublished. X68042
- Arabidopsis thaliana* homolog of *E. coli* recA mRNA sequence.
Cerutti H.D., Osman M., Grandoni P., Jagendorf A.T.;
Proc. Natl. Acad. Sci. U.S.A. 89:8068–8072(1992). M98039
- A.thaliana* mRNA for thioredoxin H.
Rivera R., Marinho P., Brigidou C., Chartier Y., Meyer Y.;
Plant Physiol. (In Press) Z14084
- A.thaliana* mRNA for Wilm's tumor suppressor homologue
Rivera R., Marinho P., Chartier Y., Meyer Y.;
Plant Physiol. (In Press) Z15157
- Brassica napus* (clone BnCh25) endochitinase gene, complete cds.
Hamel F., Bellemare G.;
Unpublished. M95835
- C.caldarium* rhodoplast apcB, apcL9.5, cpcC genes
Valentin K., Maid U., Zetsche K.;
Plant Mol. Biol. 20:267–276(1992). X57251
- C.stellata* mRNA for ribosomal protein L27
Wolf A., Kirsch M., Wiessner W.;
Unpublished. X68202
- Glycine max* chalcone synthase (chs6) gene, complete cds.
Akada S., Kung S.D., Dube S.K.;
Unpublished. L03352

- H.helix mRNA for cell wall proline rich protein
Woo H.H., Hackett W.P., Das A.;
Plant Journal (In Press) X68334
- H.vulgare gene for 1,3-glucan endohydrolase isoenzyme III
Wang J., Xu P., Fincher G.B.;
Eur. J. Biochem. 209:103–109(1992). X67099
- H.vulgare mRNA for D hordein
Halford N.G., Tatham A.S., Sui E., Daroda L., Dreyer T.,
Shewry P.R.;
Biochim. Biophys. Acta 1122:118–122(1992). X68072
- L.usitatissimum gene for 5S rRNA
Schneeberger R.G., Cullis C.A.;
Genetics (In Press) X59854
- M.sativa msCHSII mRNA for chalcone synthase
Esnault R.;
Unpublished. X68107
- Nicotiana glauca anionic peroxidase mRNA, complete cds.
Criqui M.C., Plesse B., Durr A., Marbach J., Parmentier Y.,
Jamet E., Fleck J.;
Mech. Dev. 38:121–132(1992). M74103
- Nicotiana tabacum anionic peroxidase gene, complete cds.
Diaz-De-Leon F., Lagrimini M.;
Unpublished. L02124
- N.tabacum prb-1b gene
Eyal Y., Sagee O., Fluhr R.;
Plant Mol. Biol. 19:589–599(1992). X66942
- N.tabacum mRNA for chloroplast ribosomal protein CL28
Yokoi F., Sugiura M.;
FEBS Lett. 308:258–260(1992). X68078
- P.americana mRNA for polygalacturonase
Dopico B., Lowe A.L., Wilson I.D., Merodio C., Grierson D.;
Plant Mol. Biol. (In Press) X66426
- Pisum sativum chloroplast stromal 70 kDa heat shock protein
(hsp70) mRNA, complete cds.
Marshall J.S., Keegstra K.;
Unpublished. L03299
- P.silvestris mRNA for type I chlorophyll a/b binding protein of
LHC I
Jansson S., Gustafsson P.;
Mol. Gen. Genet. 229:67–76(1992). X58514–X58515
- P.silvestris mRNA for type II chlorophyll a/b binding protein of
LHC I
Jansson S., Gustafsson P.;
Mol. Gen. Genet. 229:67–76(1992). X58516
- P.silvestris mRNA for type III chlorophyll a/b binding protein LHC
I
Jansson S., Gustafsson P.;
Mol. Gen. Genet. 229:67–76(1992). X58517
- Rhodella violacea phycoerythrin beta subunit (rpeB) gene, complete
cds; phycoerythrin alpha subunit (rpeA) gene, complete cds.
Bernard C., Thomas J.C., Mazel D., Mousseau A., Castets A.M.,
de Marsac N., Dubacq J.P.;
Unpublished. L02188
- Spinach chaperonin 10 (CPN10) mRNA, complete cds.
Bertsch U., Soll J., Seetharam R., Viitanen P.V.;
Proc. Natl. Acad. Sci. U.S.A. 89:8696–8700(1992). M87646
- S.oleracea gene for ferredoxin NADP+ oxidoreductase
Oelmueller R., Bolle C., Niekrawietz N., Breit S.,
Herrmann R.G.;
Mol. Gen. Genet. (In Press) X64351
- S.oleracea mRNA for phosphoglycerate kinase (chloroplast
isoenzyme).
Bertsch U.;
Unpublished. X68430
- S.oleracea gene for photosystem I subunit III (partial)
Tyagi A., Flieger K., Ceplo A., Sopory S., Herrmann R.G.,
Oelmueller R.;
Plant Journal (In Press) X64352
- Spinacia oleracea chloroplast ribosomal protein S1 (rpS1) mRNA,
complete cds.
Franzetti B., Carol P., Mache R.;
J. Biol. Chem. 267:19075–19081(1992). M82923
- S.tuberosum gene for aspartic proteinase inhibitor homologue
Barlic-Maganja D., Strukelj B., Pungercar J., Gubensek F.,
Turk V., Kregar I.;
Plant Mol. Biol. 20:311–313(1992). X64370
- S.tuberosum gene for U6 small nuclear RNA
Guerineau F.;
Unpublished. Z17282–Z17284,Z17286–Z17287,Z17301
- S.tuberosum DNA for U6 small nuclear RNA promoter region
Guerineau F.;
Unpublished. Z17285,Z17288,Z17291,Z17296–Z17297,Z17303
- S.tuberosum U6 small nuclear RNA pseudogene
Guerineau F.;
Unpublished. Z17302
- Thinopyrum ponticum (wheatgrass) repetitive sequence.
Bournival B.L., Obanni M., Abad A., Ohm H.W., Mackenzie
S.A.;
Unpublished. L02368
- Z.mays mRNA for alpha-tubulin 3
Villemur R., Joyce C.M., Haas N.A., Goddard R.H., Kopczak
S.D., Hussey P.J., Snustad D.P., Silflow C.D.;
J. Mol. Biol. 227:81–96(1992). X63176
- Z.mays pollen specific mRNA C-terminal
Rogers H., Lonsdale D.M., Hamilton W.;
Unpublished. X57272–X57275
- FUNGI:**
- Agaricus bisporus glyceraldehyde-3-phosphate dehydrogenase (GPD
I) gene, complete cds.
Harmsen M.C., Schuren F.H., Moukha S.M., Van Zuilen C.M.,
Punt P.J., Wessels J.G.;
Unpublished. M81727
- Agaricus bisporus glyceraldehyde-3-phosphate dehydrogenase (GPD
II) gene, complete cds.
Harmsen M.C., Schuren F.H., Moukha S.M., Van Zuilen C.M.,
Punt P.J., Wessels J.G.;
Unpublished. M81728

A.niger phyA gene

Van Hartingsveldt W., Van Zeijl C.M.J., Harteveld M.G., Gouka R.J., Suykerbuyk M.E.G., Luiten R.G.M., Van Paridon P.A., Selten G.C.M., Veenstra A.E., Van Gorcom R.F.M., Van Den Hondel C.A.M.J.;
Gene (In Press) Z16414

C.albicans DNA of an autonomously replicating sequence (ARS)

Herreros E., Garcia-Saez M.I., Nombela C., Sanchez M.;
Unpublished. X65035

Candida boidinii 3-isopropylmalate dehydrogenase (LEU2) gene, complete cds.

Sakai Y., Tani Y.;
J. Bacteriol. 174:5988–5993(1992). M98832

Coprinus cinereus Cc.ras gene for Cc.ras.

Ishibashi O., Shishido K.;
Unpublished. D13295

Coprinus cinereus meiotic endonuclease 12 kDa subunit (MenA) mRNA, complete exon.

Charlton S., Boulianne R., Chow Y.c., Lu B.C.;
Unpublished. L03301

C.heterostrophus MAT1–1 gene

Turgeon B.G., Bohlmann H., Ciuffetti L.M., Christiansen S.K., Yang G., Schafer W., Yoder O.C.;
Mol. Gen. Genet. (In Press) X68399

C.heterostrophus MAT1–2 gene

Turgeon B.G., Bohlmann H., Ciuffetti L.M., Christiansen S.K., Yang G., Schafer W., Yoder O.C.;
Mol. Gen. Genet. (In Press) X68398

F.neoformans (telomorph), *C.neoformans* (anamorph) small ribosomal subunit RNA gene

Van de Peer Y., Hendriks L., Goris A., Neefs A., Vancanneyet M., Kersters K., Berny J.F., Hennebert G.L., De Wachter R.;
Syst. Appl. Microbiol. 15:250–258(1992). X60183

K.lactis KLEU2 gene for beta-isopropylmalate dehydrogenase

Zhang Y.P., Chen X.J., Li Y.Y., Fukuhara H.;
Yeast 8:801–804(1992). X65545

L.maculans mRNA for insert region of LSU rRNA

XUE B.G.;
Unpublished. Z13955

Neurospora crassa calmodulin mRNA, complete cds.

Melnick M.B., Melnick C., Lee M., Woodward D.;
Unpublished. L02963

P.stipitis XYL1-gene for NAD(P)H-dependent Xylose reductase

Amore R.;
Unpublished. X59465

R.toruloides (telemorph), *R.glutinis* (anamorph) small ribosomal subunit RNA gene

Van de Peer Y., Hendriks L., Goris A., Neefs A., Vancanneyet M., Kersters K., Berny J.F., Hennebert G.L., De Wachter R.;
Syst. Appl. Microbiol. 15:250–258(1992). X60180

S.cerevisiae centromeric region CEN11

Dueterhoeft A., Philippsen P.;
Yeast 8:749–759(1992). X65124

S.cerevisiae YSA1, SSN6, RAD16, and LYS2 genes

Mannhaupt G., Stucka R., Ehnle S., Vetter I., Feldmann H.;
Yeast 8:397–408(1992). X66247

Yeast histone transcription regulator (HIR1) gene.

Sherwood P.W., Tsang V.M.S., Osley M.A.;
Unpublished. L03838

Yeast histone transcription regulator (HIR2) gene.

Sherwood P.W., Tsang V.M.S., Osley M.A.;
Unpublished. L03839

S.cerevisiae MEI5 gene, complete cds.

Weber L.;
Thesis (1992), University of Wisconsin-Madison L03182

S.cerevisiae MGM101 gene

Chen X.J., Guan M.X., Clark-Walker G.D.;
Unpublished. X68482

Yeast nuclear transport protein (NIP1) gene.

Gu Z., Moerschell R.P., Sherman F., Goldfarb D.S.;
Unpublished. L02899

S.cerevisiae gene for NSP49

Hurt E.;
EMBO J. (In Press) X68109

Saccharomyces cerevisiae phosphoribosylpyrophosphate synthetase (PRP1) gene, complete cds.

Blacketer M.J., Myers A.M., Madaule P.;
Unpublished. L04130

S.cerevisiae QRI8 gene for ubiquitin-conjugating enzyme

Vassal A., Boulet A., Decoster E., Faye G.;
Biochim. Biophys. Acta 1132:211–213(1992). X66829

Saccharomyces cerevisiae putative RNA-binding protein, complete cds.

Ripmaster T.L.;
Unpublished. L01797

S.roseus (anamorph) small ribosomal subunit RNA gene

Van de Peer Y., Hendriks L., Goris A., Neefs A., Vancanneyet M., Kersters K., Berny J.F., Hennebert G.L., De Wachter R.;
Syst. Appl. Microbiol. 15:250–258(1992). X60181

T.cutaneum (anamorph) small ribosomal subunit RNA gene

Van de Peer Y., Hendriks L., Goris A., Neefs A., Vancanneyet M., Kersters K., Berny J.F., Hennebert G.L., De Wachter R.;
Syst. Appl. Microbiol. 15:250–258(1992). X60182

ORGANELLES:

Z.mays chloroplast ndhA gene for NADH dehydrogenase subunit A

Maier R.M., Hoch B., Zeltz P., Kossel H.;
Plant Cell 4:609–616(1992). X62370

Zea mays chloroplast transfer RNA-Gly (tRNA-Gly) gene, tRNA-Gly pseudogene, transfer RNA-fMet initiator (tRNA-fMet) gene.

Rodermel S.R.;
Nucleic Acids Res. 20:5844–5844(1992). L02941

H.helix mRNA for light harvesting chlorophyll a/b binding protein

Woo H.H., Hackett W.P., Das A.;
Plant Journal (In Press) X68333

Chlamydomonas reinhardtii mitochondrial inverted repeat region.
Ma D.P.P., King Y.T., Kim Y., Luckett W.S., Boyle J.A., Chang Y.F.;
Gene 119:253–257(1992). M83998

Hylobates lar mitochondrial cytochrome b gene, partial cds.
Garza J.C., Woodruff D.S.;
Unpublished. L02766,L02769–L02772

Hylobates syndactylus mitochondrial cytochrome b gene, partial cds.
Garza J.C., Woodruff D.S.;
Unpublished. L02777

Odocoileus hemionus hemionus mitochondrial ORF, partial cds, haplotype KOO.
Hughes G.A., Carr S.M.;
Unpublished. L01542

Odocoileus hemionus hemionus mitochondrial ORF, partial cds, haplotype CYP.
Hughes G.A., Carr S.M.;
Unpublished. L01543

Odocoileus hemionus hemionus mitochondrial ORF, partial cds, haplotype PRO.
Hughes G.A., Carr S.M.;
Unpublished. L01544

Odocoileus hemionus hemionus mitochondrial ORF, partial cds, haplotype CGY.
Hughes G.A., Carr S.M.;
Unpublished. L01545

Odocoileus hemionus hemionus mitochondrial ORF, partial cds, haplotype BNP.
Hughes G.A., Carr S.M.;
Unpublished. L01546

SWN; *Odocoileus hemionus hemionus*; ; 307 base-pairs.
Hughes G.A., Carr S.M.;
Unpublished. L01547

EDN; *Odocoileus virginianus dakotensis*; ; 307 base-pairs.
Hughes G.A., Carr S.M.;
Unpublished. L01548

Odocoileus virginianus dakotensis mitochondrial ORF, partial cds, haplotype MVL.
Hughes G.A., Carr S.M.;
Unpublished. L01549

Odocoileus virginianus dakotensis mitochondrial ORF, partial cds, haplotype ELP.
Hughes G.A., Carr S.M.;
Unpublished. L01550

S.alpinus mitochondrial DNA of D-loop region
Johansen S.;
Unpublished. X68659

Schistosoma japonicum internal transcribed spacer 2.
Despres L., Imbert-Establet D., Combes C., Bonhomme F.;
Unpublished. L03660

Thomomys bottae mitochondrial control region D-loop DNA.
Patton J.L., Smith M.F.;
Unpublished. L03694

Thomomys townsendii mitochondrial control region D-loop DNA.
Patton J.L., Smith M.F.;
Unpublished. L03695

PROKARYOTES:

Aeromonas caviae 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60408

Aeromonas caviae 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60409

Aeromonas eucrenophila 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60411

Aeromonas hydrophila 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60404

Aeromonas jandaei 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60413

Aeromonas media 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60410

Aeromonas sobria 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60412

Aeromonas salmonicida 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60405–X60407

Aeromonas schubertii 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60416

Aeromonas sp. 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60417

Anabaena sp. dinitrogenase reductase alpha-subunit (*nifH*) gene, complete cds; *nifU* gene (3' end) and dinitrogenase alpha subunit (*nifD*) gene, 5' end.
Murphy S.T., Jackman D.M., Mulligan M.E.;
Unpublished. L04499

Aeromonas trota 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60415

Aeromonas veronii 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60414

Bacillus amyloliquefaciens scr gene for scRNA.
Nakamura K., Minemura M., Nishiguchi M., Honda K., Nakamura A., Yamane K.;
Nucleic Acids Res. 20:5227–5228(1992). D13041

- Borrelia burgdorferi* (clone Bbbsp70No1) 70 kDa heat shock protein (hsp70) gene, complete cds.
Anzola J.V., Luft B.J., Gorgone G., Dattwyler R., Soderberg C., Lahesmaa R., Peltz G.;
Unpublished. M97912
- Bradyrhizobium japonicum* cytochrome P-450 BJ-1 (P450-BJ1) gene, complete cds.
Tully R.E.;
Unpublished. L02323
- B.parapertussis* gene for 23S ribosomal RNA
Mueller M.;
Unpublished. X68368
- B.stearothermophilis* dacA gene for D-alanine carboxypeptidase
Despreaux C.W., Manning R.F.;
Unpublished. X68587
- Bacillus subtilis* orfA, orfB, mreB, mreC, mreD, minC, and minD genes, complete coding regions.
Levin P.A., Margolis P.S., Setlow P., Losick R., Sun D.;
Unpublished. M96343
- Bacillus subtilis* membrane bound protein (lytA and lytR); amidase enhancer (lytB); and amidase (lytC) genes, complete cds's.
Lazarevic V.T., Margot P., Soldo B., Karamata D.;
Unpublished. M87645
- Bacillus subtilis* operon membrane-associated protein (nrgA) gene, complete cds, PII-like protein (nrgB) gene, complete cds.
Wray L.V.Jr., Atkinson M.R., Fisher S.H.;
Unpublished. L03216
- B.subtilis* sub gene for subtilisin
Davail S., Feller G., Narinx E., Gerday C.;
Gene 119:143-144(1992). X63533
- B.subtilis* surfactin synthetase gene
Borchert S., Patil S.S., Marahiel M.A.;
FEMS Microbiol. Lett. 92:175-180(1992). X65835
- Clostridium acetobutylicum* phosphotransbutyrylase (ptb) and butyrate kinase (buk) genes, complete cds and dihydropteroate synthase gene, 5' end.
Oultram J.D., Burr I.D., Elmore M.J., Minton N.P.;
Unpublished. L04468
- Campylobacter coli*, complete 16S ribosomal RNA.
Eaton K.A., Dewhirst F.E., Radin M.J., Fox J.G., Paster B.J., Krakowka S., Morgan D.R.;
Unpublished. L04312
- Campylobacter fetus*, complete 16S ribosomal RNA.
Eaton K.A., Dewhirst F.E., Radin M.J., Fox J.G., Paster B.J., Krakowka S., Morgan D.R.;
Unpublished. L04314
- Campylobacter jejuni*, complete 16S ribosomal RNA.
Eaton K.A., Dewhirst F.E., Radin M.J., Fox J.G., Paster B.J., Krakowka S., Morgan D.R.;
Unpublished. L04315
- C.ruminantium* 16S ribosomal RNA
Van Vliet A.H.M., Jongejan F., Van der Zeijst B.A.M., Bernard A.M.;
Int. J. Syst. Bacteriol. 42:494-498(1992). X62432
- Synechocystis* sp. allophycocyanin and linker associated protein (apcA, apcB, apcC) genes, complete cds.
Su X., Goodman P., Bogorad L.;
Unpublished. M77135
- Clostridium stercorarium* xylA gene for xylosidase.
Sakka K., Yoshikawa K., Kojima Y., Karita S., Ohmiya K., Shimada K.;
Unpublished. D13268
- D.ambivalens* lig gene for DNA ligase
Kletz A.;
Nucleic Acids Res. 20:5389-5396(1992). X63438
- Enterobacter aerogenes* alpha-acetolactase decarboxylase (budA) gene, complete cds.
Blomqvist K., Nikkola M., Lehtovaara P., Suihko M.L., Airaksinen U., Straby K.B., Knowles J.K., Penttilae M.E.;
Unpublished. L04506
- Escherichia coli* arginine decarboxylase (adi) gene, complete cds.
Stim K.P., Bennett G.N.;
Unpublished. M93362
- E. coli* D-amino acid dehydrogenase and alanine racemase (dad operon) genes, complete coding regions.
Lobocka M.B., Hennig J., Wild J., Klopotoski T.;
Unpublished. L02948
- E. coli* DNA polymerase III theta subunit (holE) gene, complete cds.
Studwell-Vaughan P.S., O'Donnell M.;
Unpublished. L04572
- Escherichia coli* (clone pUC-delta prime) DNA polymerase III delta prime subunit (holB) gene, complete cds.
Onrust R., O'Donnell M.;
Unpublished. L04577
- E.coli* genes for eco57IM endonuclease and methyltransferase
Janulaitis A., Vaisvila R., Timinskas A., Klimasauskas S., Butkus V.;
Unpublished. X61122
- E.coli* ftsH and ftsJ genes, complete cds.
Tomoyasu T., Yuki T., Morimura S., Mori H., Yamanaka K., Niki H., Hiraga S., Ogura T.;
Unpublished. M83138
- E.coli* Plasmid pMccC7 involved in microcin C7 production, promoter region
San Millan J.L.;
Unpublished. X57583
- Escherichia coli* polyphosphate kinase (ppk) gene.
Akiyama M., Crooke E., Kornberg A.;
Unpublished. L03719
- E.coli* plasmid pSa aadA gene for streptomycin resistance
Bito A.;
Unpublished. X68227
- Escherichia coli* ribosomal protein genes.
Kitakawa M., Jeong J., Isono S., Isono K.;
Unpublished. D13267

- E.coli ubiC and ubiA genes for chorismate lyase and 4-hydroxybenzoate octaprenyltransferase
Nishimura K., Nakahigasi K., Inokuchi H.;
J. Bacteriol. 174:5762–5762(1992). X57434
- E.coli urease gene cluster: urease accessory protein D (UreD), urease subunits A (UreA), and B (UreB) genes, complete cds; urease subunit C (UreC) gene, 5' end cds.
D'Orazio S.E., Collins C.M.;
Unpublished. L03307
- E.coli urease gene cluster: urease accessory protein F (UreF), 3' end cds; urease accessory protein G (UreG) gene, complete cds.
D'Orazio S.E., Collins C.M.;
Unpublished. L03308
- E.hirae psr gene for penicillin binding protein repressor
Ligozzi M., Pittaluga F., Fontana R.;
Unpublished. X68646
- Lactococcus lactis histidine biosynthesis operon.
Delorme C.C., Ehrlich D.S., Renault P.P.;
J. Bacteriol. 174:6571–6579(1992). M90760
- Lactococcus lactis operon (leuA, leuB, leuC, leuD, ilvD, ilvB, ilvN, ilvC, ilvA) genes complete cds; complete ORF2.
Godon J.J.J.J., Chopin M.C.M., Ehrlich D.S.;
J. Bacteriol. 174:6580–6589(1992). M90761
- L. lactis trpE, trpG, trpD, trpF, trpC, trpB trpA genes, complete cds.
Bardowski J., Ehrlich S.D., Chopin A.;
Unpublished. M87483
- Mycobacterium avium DNA sequence.
Thierry D., Vincent V., Clement F., Guesdon J.L.;
Unpublished. L04542–L04543
- M.aichiense 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55598
- M.asiaticum 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55604
- M.aurum 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55595
- M.chitae 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55603
- M.chubuense 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55596
- M.diernhoferi 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55593
- Megasphaera elsdenii short chain acyl-CoA dehydrogenase gene, complete cds.
Becker D.F., Fuchs J.A., Banfield D.K., Funk W.D., MacGillivray R.T., Stankovich M.T.;
Unpublished. L04528
- M.gadium 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55594
- M.gilvum 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55599
- Mycoplasma hominis arginine deiminase for DNA.
Harasawa R., Koshimizu K., Kitagawa M., Asada K., Kato I.;
Microbiol. Immunol. 36:661–665(1992). D13314
- M. leprae genomic sequence, cosmid b1935.
Smith D.R.;
Unpublished. L04666
- M.spec. isolate Madagascar 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55600
- M.obuense 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55597
- Methylosinus sp. 16S ribosomal RNA.
Bratina B.J., Brusseau G.A., Hanson R.S.;
Unpublished. M95663–M95664
- Methylosinus sporium 16S ribosomal RNA.
Bratina B.J., Brusseau G.A., Hanson R.S.;
Int. J. Syst. Bacteriol. 42:645–648(1992). M95665
- M.thermoresistibile 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55602
- M.thermoformicum complete plasmid pFV1 DNA
Noelling J., van Eeden F.J.M., Eggen R.I.L., de Vos W.M.;
Unpublished. X68366
- M.thermoformicum complete plasmid pFZ1 DNA
Noelling J., van Eeden F.J.M., Eggen R.I.L., de Vos W.M.;
Unpublished. X68367
- M.vaccae 16S ribosomal RNA, part.
Wolters J., Stackebrandt E.;
Int. J. Syst. Bacteriol. 42:337–343(1992). X55601
- N.cinerea penA gene for penicillin-binding protein 2 (partial)
Spratt B.G.;
Unpublished. Z17308
- N.cinerea penA gene for penicillin-binding protein 2 (partial)
Spratt B.G.;
Unpublished. Z17309–Z17310
- N.gonorrhoeae NGR-18 silent pilin gene
Haas R.;
Unpublished. X60747
- Neisseria meningitidis class 1 porin (porA) gene, complete cds.
Saunders N.B., Zollinger W.D., Rao V.B.;
Unpublished. L02929
- Incompatibility symbiont of Nasonia vitripennis 16S ribosomal RNA gene.
Werren J.H., Pelletier D.A., Barns S.M., Weisburg W.G., Stouthamer R., Breeuwer J.A.;
Insect Mol. Bio. 1:24–36(1992). M84686

- Plasmid ColVBtrp (from *E. coli*) replication protein A (repA) gene, complete cds.
Gibbs M.D., Spiers A.J., Bergquist P.L.;
Unpublished. L01256
- Pseudomonas fluorescens* recombination enzyme A (recA) gene, complete cds.
De Mot R., Laeremans T., Schoofs G., Vanderleyden J.;
Unpublished. M96558
- P. immobilis* lip gene for lipase
Arpigny J.;
Unpublished. X67712
- Photobacterium leiognathi* riboflavin synthetase alpha subunit (ribB), riboflavin synthetase beta subunit (ribH), complete cds's.
Lee C.Y., Meighen E.A.;
Biochem. Biophys. Res. Commun. 186:690–697(1992). M90094
- Plasmid pHH507 (from *E. coli*) replication protein A (repA) gene, complete cds.
Gibbs M.D., Spiers A.J., Bergquist P.L.;
Unpublished. L01252
- Plasmid pHH502 (from *E. coli*) replication protein A (repA) gene, complete cds.
Gibbs M.D., Spiers A.J., Bergquist P.L.;
Unpublished. L01255
- Plasmid pAD1 (from *Enterococcus faecalis*) replication-associate protein (repA, repB, and repC) genes, complete cds.
Weaver K.E., Schmaderer J.S., Wood D.D.;
Unpublished. L01794
- Plesiomonas shigelloides* 16S rDNA
Martinez-Murcia A.J., Benlloch S., Collins M.D.;
Int. J. Syst. Bacteriol. 42:412–421(0). X60418
- Porphyrobacter* sp. 16S ribosomal RNA.
Fuerst J.A., Hawkins J.A., Holmes A., Sly L.I., Moore C., Stackebrandt E.;
Unpublished. L01783
- Pseudomonas perfectomarina* 23S ribosomal RNA subunit gene.
Kerkhof L.J.;
Unpublished. L03788
- Propionibacterium shermanii* (clone pLac12S+1.3S) methylmalonyl-CoA carboxyltransferase subunit 12S monomer gene, complete cds.
Thornton C.G., Kumar G.K., Haase C.F., Woo S.B., Park V.M., Magner W., Wood H.G., Samols D.;
Unpublished. L04196
- Proteus vulgaris* PvuI endonuclease gene, 3' end.
Smith M.D., Longo M., Gerard G.F., Chatterjee D.K.;
Nucleic Acids Res. 20:5743–5747(1992). L04163
- Rhizobium fredii* nodulation protein (nodU) gene, complete cds.
Krishnan H.B., Lewin A., Fellay R., Broughton W.J., Pueppke S.G.;
Unpublished. L03520
- R. leguminosarum* gln II gene for glutamine synthetase II
Patriarca E.J., Chirurazzi M., Manco G., Riccio A., Lamberti A., De Paolis A., Rossi M., Defez R., Iaccarino M.;
Mol. Gen. Genet. 234:337–345(1992). X67296
- Rhodococcus rhodochrous* aliphatic nitrilase gene, complete cds.
Kobayashi M., Yanaka N., Nagasawa T., Yamada H.;
Biochemistry 31:9000–9007(1992). D12583
- Staphylococcus aureus* beta-lactamase repressor (BlaI) gene, complete cds.
Smith M.C., Murray B.E.;
Antimicrob. Agents Chemother. 36:2265–2269(1992). M92376
- S. coelicolor* genes actIORF1, actIORF2, actIORF3, actVII, actIV and actVB for beta-ketoacyl synthase/acyl transferase, acyl carrier protein, cyclase/dehydrase, dehydrase and dimerase
Fernandez-Moreno M.A., Martinez E., Boto L., Hopwood D.A., Malpartida F.;
J. Biol. Chem. 267:19278–19290(1992). X63449
- Spiroplasma citri* tryptophan codons.
Citti C., Marechal-Drouard L., Saillard C., Weil J.H., Bove J.M.;
Unpublished. M91385
- Streptococcus mutans* G protein (spg) gene sequence.
Kuramitsu H.K., Yamashita Y.;
Unpublished. L03428
- S. pyogenes* for emm41 gene
Podbielski A., Melzer B., Melzer B.;
Unpublished. X58178
- S. pyogenes* for emm52 gene
Podbielski A., Melzer B., Melzer B.;
Unpublished. X58179
- Streptococcus pyogenes* mrp4 gene, complete cds.
Stenberg L., O'Toole P.W., Lindahl G.;
Mol. Microbiol. 9:1185–1194(1992). M87831
- Streptococcus sobrinus* surface protein antigen gene.
Takahashi I., Okahashi N., Hamada S.;
Unpublished. D13323
- S. sphaeroides* gene for gyrase B (novobiocin-resistant)
Thiara A.S.;
Unpublished. Z17304
- S. sphaeroides* genes for gyrase A and gyrase B (novobiocin-sensitive)
Thiara A.S.;
Unpublished. Z17305
- Synechocystis* sp. acetohydroxy acid isomeroeductase (ilvC) gene.
Rieble S., Beale S.I.;
Unpublished. L03713
- S. typhimurium* ilvIH operon
Wang Q., Sacco M., Ricca E., Lago C.T., De Felice M., Calvo J.M.;
Unpublished. X68562
- Salmonella typhimurium* insert (sinR); nonspecific acid phosphatase (phoN) gene, complete cds.
Groisman E.A., Sturmoski M.A., Solomon F.R., Lin R., Ochman H.;
Unpublished. L04307
- T. acidophilum* ppa gene for pyrophosphate phosphohydrolase
Richter O.M., Schaefer G.;
Eur. J. Biochem. 209:351–355(1992). X64200

Thiobacillus ferrooxidans F1F0-ATPase c subunit (atpE) gene, b subunit (atpF) gene, delta subunit (atpH) gene, alpha subunit (atpA) gene, gamma subunit (atpG) gene, beta subunit (atpD) gene, epsilon subunit (atpC) gene, complete cds's.
Brown L.D., Dennehy M.E., Rawlings D.E.;
Unpublished. M81087

T.maritima Omp alpha gene
Engel A.M., Cejka Z., Lupas A., Lottspeich F., Baumeister W.;
EMBO J. 11:4369–4378(1992). X68276

V.anguillarum gene for AngR.
Crosa J.H.;
Unpublished. Z12000

Vibrio vulnificus beta-N-acetylhexosaminidase (hex) gene, complete cds.
Somerville C.C., Colwell R.R.;
Unpublished. L04544

X.maltophilia gene for Chorionic Gonadotropin (342bp, partial).
Grover S., Woodward S.R., Carrell D., Odell W.D.;
Unpublished. X68371

X.maltophilia gene for Chorionic Gonadotropin (492bp, partial).
Grover S., Woodward S.R., Odell W.D.;
Unpublished. X68372

Y.enterocolitica gene for heat shock protein 60
Haefner C., Roggenkamp A.;
Unpublished. X68526

Yersinia pestis yopM gene, repeat regions R2 and R3.
Reisner B.S., Straley S.C.;
Unpublished. M91231

Yersinia pestis yopM gene, repeat region R1.
Reisner B.S., Straley S.C.;
Unpublished. M91230

VIRUSES:

Avian adenovirus DNA (CEL06)
Akopian T.A.;
Unpublished. Z17216

African horsesickness virus (AHSV) capsid protein 2 (L2) gene, complete cds.
Iwata H., Rowley A., Yamagawa M., Roy P.;
Unpublished. M94680

African horsesickness virus (AHSV) capsid protein 3 (L3) gene, complete cds.
Iwata H., Rowley A., Yamagawa M., Roy P.;
Unpublished. M94681

African horsesickness virus (AHSV) capsid protein 5 (M6) gene, complete cds.
Iwata H., Rowley A., Yamagawa M., Roy P.;
Unpublished. M94682

Avian myeloblastosis virus mRNA for v-myb oncogene (5'end)
Bartunek P., Kozmik Z., Dvorak M.;
Virology 190:882–883(1992). X51496

Baculovirus gp37 gene for spheroidin-like protein.
Gross C.G., Rohrmann G.F.;
Unpublished. D13306

Orygia pseudotsugata nuclear polyhedrosis virus genes for pp31 (39K), ubiquitin and ORFs.
Rohrmann G.F., Russell R.L.;
Unpublished. D13375

Bean common mosaic virus NL-3 coat protein gene
Soiz-Zalabardo M.;
Thesis (1992), Proteccion Vegetal, Instituto Nacional de Z17203

Dengue virus polyprotein, 5' end, encoding structural proteins.
Ruiz B.H., Sanchez I., Ortega G.J., Lopez I., Ortiz-Ortiz L.;
Unpublished. L04561

Dugbe nairovirus glycoprotein polyprotein gene, complete cds.
Marriott A.C., El-Ghorr A.A., Nuttall P.A.;
Virology 190:606–615(1992). M94133

Feline leukemia virus external glycoprotein (gp70) gene, 3' end mature peptide; env gene, partial cds.
Brojatsch J., Kristal B.S., Viglianti G.A., Khirroya R., Hoover E.A., Mullins J.I.;
Proc. Natl. Acad. Sci. U.S.A. 89:8457–8461(1992). M89998

Feline leukemia virus external glycoprotein (gp70) gene, complete mature peptide; env gene, partial cds; transmembrane protein (p15e) gene, 5' end mature peptide.
Brojatsch J., Kristal B.S., Viglianti G.A., Khirroya R., Hoover E.A., Mullins J.I.;
Proc. Natl. Acad. Sci. U.S.A. 89:8457–8461(1992). M89999

Tomato mottle geminivirus (clone pTFB-1) BR1 gene, complete cds.
Gilbertson R.L., Hidayat S.H., Paplomatas E.J., Rojas M.R., Hou Y.M., Maxwell D.P.;
Unpublished. L02618

grapevine yellow speckle viroid 1 sequence variant type 2.
Rigden J.E.;
Unpublished. Z17225

Murine cytomegalovirus gH gene for glycoprotein H, complete CDS
Xu J., Dallas P.B., Lyons P.A., Shellam G.R., Scalzo A.A.;
J. Gen. Virol. 73:1849–1854(1992). D10089

Marek's disease virus type 1 DNA fragment
Makimura K., Peng F.Y., Tsuji M., Hasegawa S.L., Kawai Y., Nonoyama M., Tanaka A.;
Unpublished. L03537–L03540

Macacca mulatta cytomegalovirus immediate early protein gene, complete cds.
Barry P.A., Alcendor D., Powers M., Pratt-Lowe E., Luciw P.A.;
Unpublished. M93360

Human immunodeficiency virus type 1 envelope glycoprotein (env) gene.
McCutchan F.E., Hegerich P.A., Brennan T.P., Phanuphak P., Singharaj P., Jugsudee A., Berman P.W., Gray A.M., Fowler A.K., Burke D.S.;
Unpublished. L03698–L03701,L03703–L03704

Human immunodeficiency virus type 1 core protein (gag) gene.
McCutchan F.E., Ungar B.L., Hegerich P.A., Roberts C.R., Fowler A.K., Hira S.K., Perine P.L., Burke D.S.;
J. Acquir. Immune Defic. Syndr. 5:441–449(1992).
L03696,L03702,L03705–L03707

- Human immunodeficiency virus type 1 proviral DNA encoding envelope polyprotein, partial sequence.
Shimizu H., Hasebe F., Tsuchie H., Morikawa S., Ushijima H., Kitamura T.;
Unpublished. D12584
- Human immunodeficiency virus type 1 RNA.
Connor R.I., Notermans D.W.;
Unpublished. L02216,L02227-L02236
- Human immunodeficiency virus type 1 glycoprotein 120 (env) gene V1, C1, V2, and C2 regions.
Ayyavoo V., Venkatachala N., Cartas M., Salzman N.P., Saulsbury F.T., Thomas C.Y., Srinivasan A.;
Unpublished. M97302-M97344
- Human T cell lymphotropic virus type I (HTLV-I) (env, gag, rex, tax) genes, complete cds; (pol) gene 3' end.
Zhao T., Robinson M.A., Sawasdikosol S., Kindt T.J.;
Unpublished. L03561
- Human T cell lymphotropic virus type I (HTLV-I) (gag, env, rex, tat) genes, complete cds; (pol) gene, 3' end.
Zhao T., Robinson M.A., Sawasdikosol S., Kindt T.J.;
Unpublished. L03562
- Human T-cell leukemia virus type 1 Melanesian (mel1) variant DNA sequence.
Gessain A., Boeri E., Yanagihara R., Gallo R.C., Franchini G.;
Unpublished. L02533
- Human T-cell leukemia virus type 1 Melanesian variant (mel5) proviral DNA sequence.
Gessain A., Boeri E., Yanagihara R., Gallo R.C., Franchini G.;
Unpublished. L02534
- Louping ill virus envelope glycoprotein (env) gene, partial cds.
Venugopal K., Buckley A., Reid H.W., Gould E.A.;
Virology 190:515-521(1992). M94957
- Polar mosaic virus triple gene block and coat protein.
Henderson J.E., Gibbs M.J., Edwards M.L., Clarke V.A., Gardner K.A., Cooper J.I.;
J. Gen. Virol. 73:1887-1890(1992). D13364
- Human papillomavirus type 19 E1 gene, partial cds.
Chan S.Y., Bernard H.U., Ong C.K., Chan S.P., Birgit H., Delius H.;
J. Virol. 66:5714-5725(1992). M96320
- Human papillomavirus type 25 E1 gene, partial cds.
Chan S.Y., Bernard H.U., Ong C.K., Chan S.P., Birgit H., Delius H.;
J. Virol. 66:5714-5725(1992). M96321
- Human papillomavirus type 16 L1 gene, partial cds.
Chan S.Y., Bernard H.U., Ong C.K., Chan S.P., Birgit H., Delius H.;
J. Virol. 66:5714-5725(1992). M96285
- Human papillomavirus type 25 L1 gene, partial cds.
Chan S.Y., Bernard H.U., Ong C.K., Chan S.P., Birgit H., Delius H.;
J. Virol. 66:5714-5725(1992). M96289
- Human papillomavirus type 19 L1 gene, partial cds.
Chan S.Y., Bernard H.U., Ong C.K., Chan S.P., Birgit H., Delius H.;
J. Virol. 66:5714-5725(1992). M96288
- Porcine respiratory coronavirus RNA, complete cds.
Sanchez C.M., Gebauer F., Sune C., Mendez A., Dopazo J., Enjuanes L.;
Virology 190:92-105(1992). M94099,M94101
- Potato Virus Y (Chilean) genomic RNA of Capsid protein cistron
Sudarsono, Woloshuk S.L., Lommel S.A., Xiong Z., Hellman G.M., Wernsman E.A., Weissinger A.K.;
Unpublished. X68221
- Potato Virus Y (Potato US) genomic RNA of Capsid protein cistron
Sudarsono, Woloshuk S.L., Lommel S.A., Xiong Z., Hellman G.M., Wernsman E.A., Weissinger A.K.;
Unpublished. X68222
- Potato Virus Y (Europe-H) genomic RNA of Capsid protein cistron
Sudarsono, Woloshuk S.L., Lommel S.A., Xiong Z., Hellman G.M., Wernsman E.A., Weissinger A.K.;
Unpublished. X68223
- Potato Virus Y (NsNr) genomic RNA of Capsid protein cistron
Sudarsono, Woloshuk S.L., Lommel S.A., Xiong Z., Hellman G.M., Wernsman E.A., Weissinger A.K.;
Unpublished. X68224-X68225
- Potato Virus Y (O) genomic RNA of Capsid protein cistron
Sudarsono, Woloshuk S.L., Lommel S.A., Xiong Z., Hellman G.M., Wernsman E.A., Weissinger A.K.;
Unpublished. X68226
- Rabies virus Chinese street strain glycoprotein gene sequence.
Xianhe B., Warner C.K., Fekadu M.;
Unpublished. L04523
- Rabies virus Chinese vaccine strain glycoprotein gene sequence.
Xianhe B., Warner C.K., Fekadu M.;
Unpublished. L04522
- Rice dwarf virus segment 1, RNA-dependent RNA polymerase mRNA.
Suzuki N., Tanimura M., Watanabe Y., Kusano T., Kitagawa Y., Suda N., Kudo H., Uyeda I., Shikata E.;
Virology 190:240-247(1992). D90198
- Sialodacaryoadenitis virus (SDAV) gene for nucleocapsid protein, complete cds.
Kunita S., Terada E.;
Unpublished. D10760
- Simian immunodeficiency virus gag gene.
Chen Z.W.;
Unpublished. L03739-L03746,L03801-L03808,L04133-L04140
- Simian immunodeficiency virus proviral envelope glycoprotein (env) gene, partial cds.
Rudensey L.M., Papenhausen M.D., Overbaugh J.;
Unpublished. L04349-L04450,L04454
- Simian immunodeficiency virus (M87004) glycoprotein 120 (env) gene.
Overbaugh J., Rudensey L., Papenhausen M., Benveniste R., Morton W.;
Unpublished. M96220,M96226
- Tobacco mosaic virus, complete genome
Kob K.H., Song E.K., Lee S.Y., Park Y.I., park W.M.;
Nucleic Acids Res. 20:5474-5474(1992). X68110

BACTERIOPHAGES:

Bacteriophage phiCTX (isolated from *Pseudomonas aeruginosa*)
cosR, attP, int genes.
Hayashi T., Matsumoto H., Ohnishi M., Terawaki Y.;
Unpublished. D13409

Mycobacteriophage I3 gene for structural protein (17 KD)
Ramesh G.R., Gopinathan K.P.;
Unpublished. X68296

Mycobacteriophage I3 gene for structural protein (70 KD)
Ramesh G.R., Gopinathan K.P.;
Unpublished. X68295

Mycobacteriophage I3 promoter regions 3–6
Ramesh G.R., Gopinathan K.P.;
Unpublished. X68297–X68300

Bacteriophage mv4 ORF1, 3' end; minor structural protein (g20)
gene, complete cds; major capsid protein (g34) gene, complete cds;
ORF4–5, complete cds; ORF6, 5' end.
Vasala A., Dupont L., Baumann M., Ritzenthaler P.,
Alatossava T.;
Unpublished. L02497

SYNTHETICS:

Plasmid pUT18 DNA.
Omori K., Akatsuka H., Komatsubara S.;
Unpublished. D13250

Synthetic DNA for *A.thaliana* ats1A leader spliced to
B.thuringiensis CryIA(c)
Wong E.Y., Hironaka C.M., Fishhoff D.A.;
Plant Mol. Biol. 20:81–93(1992). X68342