

# New nucleotide sequence data on the EMBL File Server

October 30, 1990 to November 13, 1990

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 and GenBank®, and data are supplied regularly by both groups. Updates to existing data are not reported here. This report has been prepared by the EMBL Data Library.

## PRIMATES:

Human casein kinase II alpha subunit mRNA, complete cds.  
Lozeman F.J., Litchfield D.W., Piening C., Takio K., Walsh K.A., Krebs E.G.;  
*Biochemistry* 29:8436–8447(1990). M55268

Human mRNA for actin-binding protein (ABP-280)  
Gorlin J.B., Yamin R., Egan S., Stewart M., Stossel T.P., Kwiatkowski D.J., Hartwig J.H.;  
*J. Cell Biol.* 111:1089–1105(1990). X53416

Human amiloride-binding protein, complete cds.  
Barbry P., Champe M., Chassande O., Munemitsu S., Champigny G., Lingueglia E., Maes P., Frelin C., Tartar A., Ullrich A., Lazdunski M.;  
*Proc. Natl. Acad. Sci. U.S.A.* 87:7347–7351(1990). M55602

Human casein kinase II alpha subunit mRNA, complete cds.  
Lozeman F.J., Litchfield D.W., Piening C., Takio K., Walsh K.A., Krebs E.G.;  
*Biochemistry* 29:8436–8447(1990). M55265

Human Lewis blood group locus mRNA for alpha(1,3/1,4)fucosyltransferase (EC 2.4.1.65)  
Kukowska-Latallo J.F., Larsen R.D., Nair R.P., Lowe J.B.;  
*Genes Dev.* 4:1288–1303(1990). X53578

Human Alu repeat.  
Matera A., Gregory Hellmann U., Schmid C.W.;  
*Mol. Cell. Biol.* 10:5424–5432(1990). M57427

Human gene for alpha1-microglobulin-bikunin precursor protein, 3' end  
Gebhard W., Schreitmueller T., Vetr H., Wachter E., Hochstrasser K.;  
*FEBS Lett.* 269:32–36(1990). X53686

Human mRNA for bile-salt-stimulated lipase (BSSL) (EC 3.1.1.3)  
Nilsson J., Blaekberg L., Carlsson P., Enerbaeck S., Hernell O., Bjursell G.;  
*Eur. J. Biochem.* 192:543–550(1990). X54457

Human beta-tryptase mRNA, complete cds.  
Miller J.S., Moxley G., Schwartz L.B.;  
*J. Clin. Invest.* 86:864–870(1990). M37488

Human cardiac myosin heavy chain hybrid (myosin heavy-2 light-4) gene, exon 27.  
Tanigawa G., Jarcho J.A., Kass S., Solomon S.D., Vosberg H.P., Seidman J.G., Seidman C.E.;  
*Cell* 62:991–998(1990). M55329

Human specific HS5 DNA  
Ueda S., Washio K., Kurosaki K.;  
*Genomics* 8:7–12(1990). X17579

Human mRNA for heat shock protein HSP27  
Carper S.W., Rocheleau T.A., Storm F.K.;  
*Nucleic Acids Res.* 18:6457–6457(1990). X54079

Human Ig germline H-chain D-region Dxp1 and Dxp'1 genes, 3' end.  
Huang C., Stollar B.David.;  
Unpublished. M37485

Human arylamine N-acetyltransferase mRNA, complete cds.  
Ohsako S., Deguchi T.;  
*J. Biol. Chem.* 265:4630–4634(1990). M33835

Human leukocyte surface protein (CD31) mRNA, complete cds.  
Stockinger H., Gadd S.J., Eher R., Majdic O., Kasinrek W., Schreiber W., Strass B., Schnabl E., Knapp W.;  
Unpublished. M37780

Human MEM-102 glycoprotein mRNA, complete cds.  
Korinek V., Stefanova I., Angelisova P., Hilbert I., Horejsi V.;  
Unpublished. M37766

Human mRNA for macrophage inflammatory protein-2alpha (MIP2alpha)  
Tekamp-Olson P., Gallegos C., Bauer D., McClain J., Sherry B., Fabre M., van Deventer S., Cerami A.;  
*J. Exp. Med.* 172:911–919(1990). X53799

Human mRNA for macrophage inflammatory protein-2beta (MIP2beta)  
Tekamp-Olson P., Gallegos C., Bauer D., McClain J., Sherry B., Fabre M., van Deventer S., Cerami A.;  
*J. Exp. Med.* 172:911–919(1990). X53800

Human mRNA for manganese-superoxide dismutase (Mn-SOD)  
Wispe J.R., Clark J.C., Burhans M.S., Kropp K.E., Korfhagen T.R., Whitsett J.A.;  
*Biochim. Biophys. Acta* 994:30–36(1989). X14322

Human cardiac myosin heavy chain-alpha (MYH6) gene, exon 27.  
Tanigawa G., Jarcho J.A., Kass S., Solomon S.D., Vosberg H.P., Seidman J.G., Seidman C.E.;  
*Cell* 62:991–998(1990). M55666

- Human p58/GTA (galactosyltransferase associated protein kinase) mRNA, complete cds.  
Bunnell B.A., Heath L.S., Adams D.E., Lahti J.M., Kidd V.J.;  
*Proc. Natl. Acad. Sci. U.S.A.* 87:7467–7471(1990). M37712
- Human mRNA for pregnancy-specific beta-1 glycoprotein  
Arakawa F., Kuroki M., Misumi Y., Matsuo Y., Matsuoka Y.;  
*Biochim. Biophys. Acta* 1048:303–305(1990). X17610
- Human tyk2 mRNA for non-receptor protein tyrosine kinase  
Firmbach-Kraft I., Byers M., Shows T., Dalla-Favera R.,  
Krolewski J.J.;  
*Oncogene* 5:1329–1336(1990). X54637
- P.troglodytes DNA associated with Human HS5 region  
Ueda S., Washio K., Kurosaki K.;  
*Genomics* 8:7–12(1990). X17580
- RODENTS:
- Mouse mRNA for acetylcholinesterase  
Rachinsky T.L., Camp S., Li Y., Ekstroem J., Newton M.,  
Taylor P.;  
*Neuron* 5:317–327(1990). X56518
- Mouse beta-globin locus activating region.  
Moon A.M., Ley T.J.;  
*Proc. Natl. Acad. Sci. U.S.A.* 87:7693–7697(1990). M57463
- Mouse calcyclin mRNA, complete cds.  
Wood L., Carter D., Mills M., Hatzenbuehler N., Vogeli G.;  
Unpublished. M37761
- Mouse COX4 mRNA for cytochrome c oxidase subunit IV (EC  
1.9.3.1)  
Grossman L.I., Akamatsu M.;  
*Nucleic Acids Res.* 18:6454–6454(1990). X54691
- Mouse mRNA for mitochondrial cytochrome c oxidase subunit Vb  
Basu A., Avadhani N.G.;  
*Biochim. Biophys. Acta* 1087:98–100(1990). X53157
- Mouse testosterone 16-alpha-hydroxylase (CC) gene, complete cds.  
Wong G., Itakura T., Kawajiri K., Skow L., Negishi M.;  
*J. Biol. Chem.* 264:2920–2927(1989). M24264
- Mouse mAB-15C5 mRNA for immunoglobulin gamma-1, CH2  
(part.)-CH3, C-term.  
Vandamme A.M., Bulens F., Bernar H., Nelles L., Lijnen H.R.,  
Collen D.;  
*Eur. J. Biochem.* 192:767–775(1990). X56393
- Mouse mAB-15C5 mRNA for immunoglobulin kappa chain  
Vandamme A.M., Bulens F., Bernar H., Nelles L., Lijnen H.R.,  
Collen D.;  
*Eur. J. Biochem.* 192:767–775(1990). X56394
- Mouse insulin-like growth factor II (IGF-II) gene, 5' flank.  
Rotwein P., Hall L.J.;  
Unpublished. M36329
- Mouse Ig rearranged heavy chain VH-DH-JH3 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34609
- Mouse Ig rearranged heavy chain (NC12-H2) mRNA VH-DH-JH2  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34611
- Mouse Ig rearranged heavy chain (NC17-D9) mRNA VH-DH-JH3  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34613
- Mouse Ig rearranged heavy chain (NC8-E2) mRNA VH-DH-JH1  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34614
- Mouse Ig rearranged heavy chain (NC12-H7) mRNA VH-DH-JH1  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34615
- Mouse Ig rearranged heavy chain (NC13-B12) mRNA VH-DH-JH4  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34624
- Mouse Ig rearranged heavy chain (NC6-C8) mRNA VH-DH-JH2  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34625
- Mouse Ig rearranged heavy chain (NC19-F8) mRNA VH-DH-JH4  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34626
- Mouse Ig rearranged heavy chain (NC9-B4) mRNA VH-DH-JH4  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34627
- Mouse Ig rearranged heavy chain mRNA VH-DH-JH2 region,  
partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34628
- Mouse Ig rearranged heavy chain mRNA VH-DH-JH4 region,  
partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34629
- Mouse Ig rearranged heavy chain (NC12-H7) mRNA VH-DH-JH1  
region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke  
S.H.;  
Unpublished. M34630
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol. (In Press)* M37009

- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37010
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37011
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37012
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37013
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37014
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37015
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37016
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37017
- Mouse Ig rearranged H-chain mRNA V-D-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37018
- Mouse Ig rearranged kappa-chain (NC17-D9) mRNA Vk-Jk2 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34616
- Mouse Ig rearranged kappa-chain (NC12-H2) mRNA Vk-Jk2 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34617
- Mouse Ig rearranged kappa-chain (NC12-G9) mRNA Vk region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34618
- Mouse Ig rearranged kappa-chain (NC19-F12) mRNA Vk2-Jk1 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34622
- Mouse Ig rearranged kappa-chain (NC8-E2) mRNA Vk19 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34623
- Mouse Ig rearranged kappa-chain (NC9-B4) mRNA Vk32-Jk4 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34631
- Mouse Ig rearranged kappa-chain mRNA Vk-Jk5 region, partial cds.  
Pennell C.A., Maynard E., Arnold L.W., Haughton G., Clarke S.H.;  
Unpublished. M34632
- Mouse Ig rearranged kappa-chain mRNA's V-J region, partial cds.  
Marion T.N., Tillman D.M., Jou N.T.;  
*J. Immunol.* (In Press) M37019-M37028
- Mouse mRNA for interleukin-6  
Grenett H.E., Fuentes N.L., Fuller G.M.;  
*Nucleic Acids Res.* 18:6455-6455(1990). X54542
- Mouse mRNA for lymph node homing receptor  
Siegelman M.H., Van de Rijn M., Weissman I.L.;  
*Science* 243:1165-1172(1989). X14772
- Mouse mRNA for macrophage inflammatory protein-2 (MIP2)  
Tekamp-Olson P., Gallegos C., Bauer D., McClain J., Sherry B., Fabre M., van Deventer S., Cerami A.;  
*J. Exp. Med.* 172:911-919(1990). X53798
- Mouse gene for metallothionein-I promoter region  
Bacolla A., Wu F.Y.H.;  
Unpublished. X53530
- Woodchuck intronless N-myc2 gene, overexpressed in liver tumours  
Fourel G., Trepo G., Bougueleret L., Henglein B., Ponzetto A., Tiollais P., Buendia M.A.;  
*Nature* 347:294-298(1990). X53671
- Mouse mRNA for cGMP phosphodiesterase beta-subunit  
Bowes C., Li T., Danciger M., Baxter L.C., Applebury M.L., Farber D.B.;  
*Nature* 347:677-680(1990). X55968
- Rat mRNA for alpha-1-protease inhibitor.  
Misumi Y., Sohda M., Ohkubo K., Takami N., Oda K., Ikehara Y.;  
*J. Biochem.* 108:230-234(1990). D00675
- Rat mRNA for aldosterone synthase cytochrome P-450  
Imai M., Shimada H., Okada Y., Matsushima-Hibiya Y., Ogishima T., Ishimura Y.;  
*FEBS Lett.* 263:299-302(1990). X52766
- Rat soluble guanylate cyclase 82kDa subunit mRNA, complete cds.  
Nakane M., Arai K., Saheki S., Kuno T., Buechler W., Murad F.;  
*J. Biol. Chem.* 265:16841-16845(1990). M57405
- Rat mRNA for glucokinase, alternatively spliced GK2 (EC 2.7.1.1)  
Hayzer D.J., Iynedjian P.B.;  
*Biochem. J.* 270:261-263(1990). X53588
- Rat mRNA for glucokinase, alternatively spliced GK3 (EC 2.7.1.1)  
Hayzer D.J., Iynedjian P.B.;  
*Biochem. J.* 270:261-263(1990). X53589

Rat gene for glucokinase alternatively spliced exons 2 and 2A (EC 2.7.1.1)

Hayzer D.J., Iynedjian P.B.;  
Biochem. J. 270:261–263(1990). X53590

Rat endoplasmic reticulum alpha-mannosidase mRNA, complete cds.

Bischoff J., Moremen K., Lodish H.F.;  
J. Biol. Chem. 265:17110–17117(1990). M57547

Rat S6 kinase mRNA, complete cds.

Kozma S.C., Ferrari S., Bassand P., Siegmann M., Totty N., Thomas G.;  
Proc. Natl. Acad. Sci. U.S.A. 87:7365–7369(1990). M57428

Rat S-Ag mRNA for pineal S-antigen

Abe T., Yamaki K., Tsuda M., Singh V.K., Suzuki S., McKinnon R., Klein D.C., Donoso L.A., Shinohara T.;  
FEBS Lett. 247:307–311(1989). X15353

Rat mRNA for trans-Golgi network integral membrane protein TGN38

Luzio J.P., Brake B., Banting G., Howell K.E., Braghetta P., Stanley K.K.;  
Biochem. J. 270:97–102(1990). X53565

Rat NADH-cytochrome b5 reductase(EC 1.6.2.2) gene.

Zenno S., Hattori M., Misumi Y., Yubisui T., Sakaki Y.;  
J. Biochem. 107:810–816(1990). D00718

Rat mRNA for NADH-cytochrome b5 reductase (EC 1.6.2.2).

Zenno S., Hattori M., Misumi Y., Yubisui T., Sakaki Y.;  
J. Biochem. 107:810–816(1990). D00636

#### OTHER MAMMALS:

Bovine mRNA for N-cadherin

Liaw C.W., Cannon C., Power M.D., Kiboneka P.K., Rubin L.L.;  
EMBO J. 9:2701–2708(1990). X53615

Bovine mRNA for P-cadherin

Liaw C.W., Cannon C., Power M.D., Kiboneka P.K., Rubin L.L.;  
EMBO J. 9:2701–2708(1990). X53614

Bovine mRNA for large subunit of guanylate cyclase (EC 4.6.1.2)

Koesling D., Harteneck C., Humbert P., Bosserhoff A., Frank R., Schultz G., Boehme E.;  
FEBS Lett. 266:128–132(1990). X54014

Bull mRNA for protamine 2

Maier W.M., Nussbaum G., Domenjoud L., Klemm U., Engel W.;  
Nucleic Acids Res. 18:1249–1254(1990). X16559

Bovine rho GDI mRNA for GDP dissociation inhibitor for the rho protein

Fukumoto Y., Kaibuchi K., Hori Y., Fujioka H., Araki S., Ueda T., Kikuchi A., Takai Y.;  
Oncogene 5:1321–1328(1990). X52689

Mink mkGH mRNA for growth hormone

Shoji K., Ohara E., Watahiki M., Yoneda Y.;  
Nucleic Acids Res. 18:6424–6424(1990). X56120

Rabbit mRNA for lipoprotein-associated coagulation inhibitor

Wesselschmidt R.L., Girard T.J., Broze G.J.Jr.;  
Nucleic Acids Res. 18:6440–6440(1990). X54708

Porcine mRNA for alpha1-microglobulin-bikunin precursor protein

Gebhard W., Schreitmueller T., Vetr H., Wachter E., Hochstrasser K.;  
FEBS Lett. 269:32–36(1990). X53685

Porcine mRNA for growth hormone receptor

Cioffi J.A., Wang X., Kopchick J.J.;  
Nucleic Acids Res. 18:6451–6451(1990). X54429

Boar mRNA for protamine 2

Maier W.M., Nussbaum G., Domenjoud L., Klemm U., Engel W.;  
Nucleic Acids Res. 18:1249–1254(1990). X16558

#### OTHER VERTEBRATES:

Chicken LDH-A mRNA for lactate dehydrogenase A chain (EC 1.1.1.27)

Hirota Y., Katsumata A., Takeya T.;  
Nucleic Acids Res. 18:6432–6432(1990). X53828

Rainbow trout Ig germline heavy chain gene V region.

Matsunaga T., Chen T., Tormanen V.;  
Proc. Natl. Acad. Sci. U.S.A. 87:7767–7771(1990). M57442

Xenopus laevis for partial XI-c-ets-2b protein mRNA

Wolff C.M., Stiegler P., Baltzinger M., Meyer D., Ghysdael J., Stehelin D., Befort N., Remy P.;  
Nucleic Acids Res. 18:4603–4604(1990). X52635

Xenopus laevis mRNA for nrl-16 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54678

Xenopus laevis mRNA for XI-nrl-19 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54680

Xenopus laevis mRNA for nrl-20 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54681

Xenopus laevis mRNA for nrl-22 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54682

Xenopus laevis mRNA for nrl-34 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54684

Xenopus laevis mRNA for oct-1.13 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54677

Xenopus laevis mRNA for oct-1.17 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54679

Xenopus laevis mRNA for oct-1.32 Pou-box protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54683

Xenopus laevis mRNA for oct-1.5 Pou-homeobox protein

Baltzinger M., Stiegler P., Remy P.;  
Nucleic Acids Res. 18:6131–6131(1990). X54685

Xenopus mRNA for pancreatic trypsin

Shi Y.b., Brown D.D.;  
Genes Dev. 4:1107–1113(1990). X53458

## INVERTEBRATES:

*Caenorhabditis elegans* *ceh-1* gene, unknown homeobox  
Hawkins N.C., McGhee J.D.;  
Nucleic Acids Res. 18:6101–6106(1990). X52810

*Caenorhabditis elegans* *ceh-10* gene, unknown homeobox  
Hawkins N.C., McGhee J.D.;  
Nucleic Acids Res. 18:6101–6106(1990). X52812

*Caenorhabditis elegans* *ceh-11* gene, unknown homeobox  
Hawkins N.C., McGhee J.D.;  
Nucleic Acids Res. 18:6101–6106(1990). X52813

*Caenorhabditis elegans* *ceh-9* gene, unknown homeobox  
Hawkins N.C., McGhee J.D.;  
Nucleic Acids Res. 18:6101–6106(1990). X52811

*C.fasciculata* PGK-A gene for glycosomal protein  
Swinkels B.W., Opperdoes F.R., Veenhuis M., Borst P.;  
Unpublished. X17251

*C.tentans* 185-kd secretory protein (sp185) mRNA, partial cds,  
clone pCt185.  
Dignam S.S., Yang L., Lezzi M., Case S.T.;  
J. Biol. Chem. 264:9444–9452(1989). M24160

*Drosophila* gene for chorion factor CF1 (part.)  
Shea M.J., King D.L., Conboy M.J., Mariani B.D., Kafatos F.C.;  
Genes Dev. 4:1128–1140(1990). X53379

*Drosophila* gene for chorion factor CF2 (part.)  
Shea M.J., King D.L., Conboy M.J., Mariani B.D., Kafatos F.C.;  
Genes Dev. 4:1128–1140(1990). X53380

*Drosophila* *ciD* (*cubitus interruptus* Dominant) locus mRNA  
Orenic T.V., Slusarski D.C., Kroll K.L., Holmgren R.A.;  
Genes Dev. 4:1053–1067(1990). X54360

*Drosophila* gene for RNA polymerase II elongation factor DmS-II  
Marshall T.K., Guo H., Price D.H.;  
Nucleic Acids Res. 18:6293–6293(1990). X53670

*D.melanogaster* *Hp-1* gene, complete cds.  
Eissenberg J.C., Foster-Hartnett D.M., Hartnett T., Ngan V.,  
Elgin S.C.R.;  
Proc. Natl. Acad. Sci. U.S.A. (In Press) M57574

*Drosophila* gene for lamin  
Osman M., Paz M., Landsmann Y., Fainsod A., Gruenbaum Y.;  
Genomics 8:217–224(1990). X16275

*L.stagnalis* FMRFamide precursor protein (FMRFamide) mRNA,  
complete cds.  
Linacre A., Kellett E., Saunders S., Bright K., Benjamin P.R.,  
Burke J.F.;  
J. Neurosci. 10:412–419(1990). M37629

Trypanosome mRNA for a cysteine protease  
Pamer E.G., Davis C.E., Eakin A., So M.;  
Nucleic Acids Res. 18:6141–6141(1990). X54353

*T.brucei* ribosomal protein S14 (rpS14) gene, complete cds.  
Perelman D., Boothroyd J.C.;  
Mol. Cell. Biol. 10:3284–3288(1990). M36124

## PLANTS:

*C.reinhardtii* phosphoribulokinase mRNA, complete cds.  
Roesler K.R., Ogren W.L.;  
Plant Physiol. 93:188–193(1990). M36123

*Lupinus polyphyllus* mRNA for ubiquitin  
Perrey R., Warskulat U., Wink M.;  
Nucleic Acids Res. 18:6428–6428(1990). X54381

Tobacco plastid mRNA for 28 kDa ribonucleoprotein  
Li Y., Sugiura M.;  
EMBO J. 9:3059–3066(1990). X53933

Tobacco plastid mRNA for 31 kDa ribonucleoprotein  
Li Y., Sugiura M.;  
EMBO J. 9:3059–3066(1990). X53942

Tobacco plastid mRNA for 33 kDa ribonucleoprotein  
Li Y., Sugiura M.;  
EMBO J. 9:3059–3066(1990). X53932

*Sorghum* chloroplast CM3 mRNA for malate dehydrogenase  
(NADP)  
Cretin C., Luchetta P., Joly C., Decottignies P., Lepiniec L.,  
Gadal P., Sallantin M., Huet J.C., Pernollet J.C.;  
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(NADP)  
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Foster L.M., Loftus M.G., Ross I.K.;  
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*Kluyveromyces lactis* BiP gene for BiP/GRP78  
Lewis M.J., Pelham H.R.B.;  
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*N.crassa* phytoene dehydrogenase (*al-1*) gene, complete cds.  
Schmidhauser T.J., Lauter F.R., Russo V.E.A., Yanofsky C.;  
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Smith D.J., Earl A.J., Turner G.;  
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(pcbAB) gene, complete cds.  
Diez B., Gutierrez S., Barredo J.L., Van Solingen P., der Voort  
L.H.M., Martin J.F.;  
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Yeast gene for dipeptidyl aminopeptidase B (DPAP B)  
Roberts C.J., Pohlig G., Rothman J.H., Stevens T.H.;  
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4.99.1.1) and tRNA-Val  
Gokhman I., Zamir A.;  
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S.cerevisiae MCM3 gene for Mcm3  
Gibson S.T., Suroski R.T., Tye B.K.;  
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S.cerevisiae morphogenesis-related protein (MSB1) gene, complete  
cds.  
Bender A., Pringle J.R.;  
Unpublished. M37767

Yeast PDR4 gene for pdr4 protein  
Hussain M., Lenard J.;  
Unpublished. X53830

Yeast PRP2 gene (RNA2 gene) for pre-mRNA splicing factor  
Chen J.H., Lin R.J.;  
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Legrain P., Choulika A.;  
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Legrain P., Choulika A.;  
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S.cerevisiae periodic tryptophan protein (PWP1) gene, complete  
cds.  
Duronio R.J., Boguski M.S., Gordon J.I.;  
Unpublished. M37578

Yeast SEC14 gene for cytosolic factor  
Bankaitis V.A., Malehorn D.E., Emr S.D., Greene R.;  
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apoprotein  
Amegadzie B.Y., Zitomer R.S., Hollenberg C.P.;  
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S.pombe cut2+ gene, complete cds.  
Uzawa S., Samejima I., Hirano T., Tanaka K., Yanagida M.;  
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Hoffmann A., Horikoshi M., Wang C.K., Schroeder S., Weil  
P.A., Roeder R.G.;  
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#### ORGANELLES:

Oenothera argillicola plastid DNA for psbB, psbH and psbN genes  
for chlorophyll a-binding apoprotein (CP47), 10kDa  
phosphoprotein, and unknown protein of photosystem II,  
respectively  
Offermann-Steinhard K., Herrmann R.G.;  
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Ectocarpus siliculosus phaeoplast DNA for  
ribulose-1,5-bisphosphatecarboxylase (EC 4.1.1.39)  
Valentin K., Zetsche K.;  
Unpublished. X52503

Pea chloroplast ORF231 gene for put. haem-binding protein  
Willey D.L., Gray J.C.;  
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Hardy C.M., Clark-Walker G.D.;  
Yeast 6:403–410(1990). X15999

Mitochondrion S.pombe tRNA-His, tRNA-Pro, tRNA-Gln, atp6  
(partial), urfa', and urfa (partial) genes  
Massardo D.R.;  
Nucleic Acids Res. 18:6429–6429(1990). X54552

Oenothera hookeri plastid DNA for psbB, psbH and psbN genes  
for chlorophyll a-binding apoprotein, 10 kDa phosphoprotein, and  
unknown protein of photosystem II, respectively  
Offermann-Steinhard K., Herrmann R.G.;  
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cds and poly-beta-hydroxybuterate-A (phbA) gene, 5' end.  
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1.9.3.1)  
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Brevibacterium stationis, plasmid pBY503, par gene.  
Kurusu Y.;  
Unpublished. D00661

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Heinzen R.A., Frazier M.E., Mallavia L.P.;  
Nucleic Acids Res. 18:6437–6437(1990). X54627

C.glutamicum dapA gene for L-2,3-dihydrodipicolinate synthetase  
(EC 4.2.1.52)  
Bonnassie S., Oreglia J., Sicard A.M.;  
Nucleic Acids Res. 18:6421–6421(1990). X53993

Corynebacterium glutamicum fda gene for fructose-bisphosphate  
aldolase (EC 4.1.2.13)  
von der Osten C.H., Barbas C.F., Wong C.H., Sinskey A.J.;  
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Wada H., Gombos Z., Murata N.;  
Nature 347:200–203(1990). X53508
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Allen J.E., Cerrone M.C., Beatty P.R., Stephens R.S.;  
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- Chlamydia trachomatis omp3-L2 gene for cystein-rich outer membrane protein OMP3-L2  
Allen J.E., Cerrone M.C., Beatty P.R., Stephens R.S.;  
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Braunagel S.C., Benedik M.J.;  
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- TOL plasmid of *P.putida* xylene monooxygenase (xylM and xylA) genes, complete cds.  
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Frischmuth T., Zimmat G., Jeske H.;  
Virology 178:461–468(1990). X15984
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Takeuchi K., Boonmar S., Kubo Y., Katayama T., Harada H., Ohbayashi A., Choo Q.L., Kuo G., Houghton M., Saito I., Miyamura T.;  
Gene 91:287–291(1990). D90080
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- Herpesvirus saimiri (strain 24–76) HSUR3 gene for U RNA 3  
Trimble J.J., Regier D.A., Desrosiers R.C.;  
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Trimble J.J., Regier D.A., Desrosiers R.C.;  
Nucleic Acids Res. 18:6456–6456(1990). X53761
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Trimble J.J., Regier D.A., Desrosiers R.C.;  
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Trimble J.J., Regier D.A., Desrosiers R.C.;  
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- Herpesvirus saimiri (strain OMI) HSUR4 gene for U RNA 4  
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Rice dwarf virus S3 mRNA for segment 3  
Suzuki N., Watanabe Y., Kusano T., Kitagawa Y.;  
Virology 179:455-459(1990). X54620

Rice dwarf virus S4 mRNA for segment 4  
Suzuki N., Watanabe Y., Kusano T., Kitagawa Y.;  
Virology 179:446-454(1990). X54622

Herpesvirus saimiri (strain OMI) HSUR3 gene for U RNA 3  
Trimble J.J., Regier D.A., Desrosiers R.C.;  
Nucleic Acids Res. 18:6456-6456(1990). X53762

Herpesvirus saimiri (strain 24-76) HSUR4 gene for U RNA 4  
Trimble J.J., Regier D.A., Desrosiers R.C.;  
Nucleic Acids Res. 18:6456-6456(1990). X53763

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#### BACTERIOPHAGES:

Bacteriophage D108 gene for ORF E15 and E16 (part.)  
Pato M.L., Banerjee M., Wagonner B.T.;  
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#### SYNTHETICS:

Chimeric mRNA (rat and soybean) for suef protein, involved in transcriptional regulation  
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