

厚生省ヒトゲノム・遺伝子治療研究事業

「疾病解析・治療にむけた遺伝子研究  
資源基盤整備に関する総合的研究」

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疾病解析・治療にむけた遺伝子研究資源基盤整備に関する総合的研究

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1) ヒト完全長 cDNA として 1,079 クローンを新たにバンクに登録し、供給可能とした。また、マウス脳 cDNA 5,323 クローンのシーケンスを DNA データベースに登録し、供給可能とした。2) カニクイザル脳ライブラリーから約 6,000 クローンの 5'側部分配列決定を行い、完全長及び新規のものを選択しつつある。3) カニクイザル脳 cDNA クローン約 100 について染色体上にマップし、ヒトとのシンテニー関係を確定した。4) 129SV マウスのゲノム DNA ライブラリーから転写因子 EFP 及び UTF1 など 4 種の遺伝子のゲノム DNA をクローン化した。5) 微小核細胞融合法により ES 細胞へも移入できる形にしたヒト単一染色体保持雑種細胞として 1500 マウス A9 細胞クローンを分離し、16 種類のヒト染色体の含むクローンを同定した。また、4 種については各々を導入したマウス ES 細胞を樹立した。

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A. 研究目的

ヒトゲノム解析プロジェクトとその一環として発現遺伝子部分（cDNA 断片、expressed sequence tag, EST）のクローン化が大規模に進められ、130 万以上がデータベースに登録され、約 8-10 万といわれる遺伝子数に匹敵するクローンが分離されている。また、ヒト全塩基配列決定は 2003 年には完了することが計画されている。しかし、遺伝子機能解明は並行して進められたとしても、全体としては残された課題となる。したがって、これまでに日本でも分離された数万の EST クローンを収集し、保存・供給することは依然としてゲノムの遺伝子部分の確定とその機能解明のために必要である。そこで新たに完全長 cDNA

クローンを分離を試みるとともに、それらを細胞で発現できる形として、産物の機能、発現制御等の研究の資源とする。また、個体レベルで機能を探るために必要な遺伝子を選択し、129SV 系統のマウス ES 細胞のゲノム DNA をクローン化して、供給できるようにする。さらに、遺伝子群が関連して発現することにより、その機能が発揮されるような染色体領域について、ES 細胞などへも特定染色体断片を移入するための材料を開発する。これによって疾病関連遺伝子の同定から機能解明、さらにその疾病の成因解明そして診断、治療に結び付く研究の発展に資することを目的とする。これにより遺伝子治療など先端的医療の基盤づくりの一翼を担い、もって国民の保健・医療の一層の向上をめざす一環をなす。

B. 研究方法

1) 各種 cDNA ライブラリーからの多数クローンを増幅・保管し、必要なものは部分塩基配列を決定する。シーケンスのホモロジーサーチを自動的に行えるプログラムを利用して、その結果をデータベー

スに登録し、バンクから供給可能とする。2) ヒト消化管粘膜、サル脳 各部などの組織について、オリゴキャップ法により完全長 cDNA ライブラリーの作製を行う。その cDNA クローンの 1 パス塩基配列決定を行い、得られた完全長 cDNA クローンの登録をめざす。3) 染色体上の位置の未確定なヒト及びマウスクローンについて蛍光 *in situ* ハイブリダイゼーション (FISH) により、その位置を決定する、また、霊長類 cDNA のマッピングを行ない、ヒトでの相同遺伝子のポジショナル・クローニングの基盤とする。4) マウス 129SV 系統のゲノム DNA ライブラリーを作製し、転写関連因子や DNA の複製に関与している多くの遺伝子のゲノム DNA クローンを分離する。

5) 効率良く染色体を細胞移入するために、微小核細胞融合法によりヒト単一染色体保持細胞を作製し、これまでにヒト単一染色体を含む 1500 マウス A9 細胞クローンを得た。それぞれから DNA を抽出するとともに、FISH 法により染色体種を確認し、導入可能な染色体を選択する。

#### (倫理面への配慮)

cDNA ライブラリー原材料は医療機関に属する医師により、本人または遺族の書面による許諾を得て、採取されたもので、コード化され個人識別情報は研究申請者に開示されない。さらに、作製に当たって複数の材料を使用するなどの手段で保護を行う形を取っている。

### C. 研究結果

1) 5'側部分配列決定をしたヒト小腸粘膜由来 cDNA クローン 3,253 を収集し、完全長 cDNA として 569 クローンおよびヒト大腸粘膜由来完全長 cDNA クローン 3,505 からの 510 をあわせてバンクに登録し、供給可能とした。2) マウスについて脳 cDNA

ライブラリーからの約 6,000 コロニーの寄託を受け、5'側シーケンシングを行い、計 5323 クローンを公共 DNA データベースに登録した。そのうち、新規のものを中心に全長シーケンシングを行い、約 50 クローンについて完了している。このマウス脳 cDNA クローンはここ 1 年で 100 人以上の国内外の研究者に 200 クローンを分与した。さらに、米国でシーケンスされている菅野マウス腎臓、肝臓、胚 cDNA クローン約 24,000 を収集し、マイクロアレイ用にクラスター分類を行った。3) オリゴキャップ法により作製したヒト骨格筋 cDNA ライブラリー由来のクローンを中心に約 4,700 クローンの 5'側部分配列決定を行った。4) カニクイザル脳を材料として、以下の 11 種類の完全長 cDNA ライブラリーを作製した。すなわち、全脳、大脳皮質、頭頂葉、側頭葉 1, 2, 前頭葉、中脳、脳幹、小脳皮質、延髄、下垂体である。各ライブラリーよりクローンを分離し、現在までに約 6,000 部分配列決定を行い、約 100 の新規遺伝子候補を見いだした。さらに、三和化学研究所保有のチンパンジー 1 個体の背部の皮膚組織を、健康に影響ないように注意して切除し、オリゴキャップ法により cDNA ライブラリーを作製した。5) FISH 法により、ヒト心臓、小腸由来の完全長 cDNA 約 80 をマップした。カニクイザルの脳の部位特異的完全長 cDNA のうち、ヒトゲノムデータベースにある相同遺伝子 66 について非翻訳領域 (5' UTR) と翻訳領域のうちの 5'側塩基配列を比較した。また、未知の約 100 クローンを選び、FISH 法によりカニクイザルとヒト染色体上にマップした。6) 129SV 系統のマウスのゲノム DNA ライブラリーを作製した ( $2 \times 10^6$  primary pfu)。ライブラリーから転写因子 EFP 及び UTF1 など 4 マウス遺伝子を分離し、EFP と UTF1 につ

いてはターゲティングベクターを作製した。さらに、ノックアウトマウスを作製した国内の59研究グループに寄託依頼をし、IL6, Stat6, XP, VDR, CAFA1など8クローンを入手した。7) マウス ES 細胞で強い発現を示すプロモーターを有する neo あるいは bsr 遺伝子をヒト繊維芽細胞にトランスフェクションし、微小核融合法によりヒト染色体を マウス A9 細胞へ導入し、ヒト染色体を含むマウス A9 細胞を作製した。このヒト染色体 ライブラリーが従来のライブラリーと異なる点は、マウス ES 細胞への導入可能であり、ヒト染色体の親起源を明らかにすることができることにある。作製したライブラリーより染色体特異的 STS マーカー及び染色体 FISH を用いて 1、2、4、5、6、7、8、10、11、14、15、18、19、20、21 番および X 染色体を含む A9 細胞を同定した。さらに、これらのライブラリーから 6、7、11 及び 21 番染色体及びその種々の断片を導入した ES 細胞を樹立した。

#### D. 考察

完全長 cDNA はそれぞれ千のオーダーであり、目標とすべき遺伝子数からすると本研究での設定を限定する必要があった。新規のものはマウス、サルで 600 を越え、全長決定されればこの数でも意味があるといえる。マウスでは約 120 を年度内に終える。ヒト単一染色体保持雑種細胞は全種には及ばないが、ほぼ目標を達成した。

本研究ではポストシーケンス時代に向けて、重要な研究資材を提供する基盤をつくりつつある。特に、完全長 cDNA クローンを整備して、機能を探ることは疾患の成立を研究するうえで有効であり、EST のクラスター数が遺伝子数に匹敵するようになった現段階でも世界的に注目されているものである。さらに、個体レベルの機能解析

に向けて、マウスの DNA クローン、ES 細胞にも導入しうるヒト染色体材料を作製しつつあることは細胞レベルの解析の限界を越える研究資材を提供する点で重要である。

#### E. 結論

1) ヒト完全長 cDNA として新たに 1,079 クローンをバンクに登録し、供給可能とした。また、マウス脳 cDNA ライブラリーからの 5,323 クローンのシーケンスを DNA データベースに登録し、供給可能とした。2) カニクイザル脳ライブラリーから約 5,000 クローンの 5'側部分配列決定を行い、完全長のものをバンクから供給可能としつつある。3) カニクイザル脳 cDNA クローン約 100 について染色体上にマップし、ヒトとのシンテニー関係を確定した。4) 129SV マウスのゲノム DNA ライブラリーから転写因子 EFP 及び UTF1 など 4 遺伝子のゲノム DNA をクローン化した。5) 微小核細胞融合法により ES 細胞へも移入できる形にしたヒト単一染色体保持雑種細胞として 1500 マウス A9 細胞クローンを分離し、16 種類の染色体の含むクローンを同定した。

#### F. 研究発表

各分担報告書参照

#### G. 知的所有権の出願・取得状況

なし

## 分 担 研 究 報 告 書

### マウスおよびサル脳完全長cDNAクローンの分離と利用 橋 本 雄 之 国立感染症研究所 遺伝子資源室長

マウス脳 cDNA ライブラリーから約 6,000 コロニーの寄託を受け、5' 側塩基配列決定を行い、計 5,323 クローンを公共 DNA データベースに登録した。これらのクローンはここ 1 年で 100 人以上の国内外の研究者に 200 クローンを分与した。さらに、米国でシーケンスされている菅野マウス腎臓、肝臓、胚 cDNA クローン約 24,000 を収集し、マイクロアレイ用にクラスター分類を行った。

カニクイザル小脳 cDNA ライブラリーよりクローン約 8,000 個を分離し、現在までに約 3,000 の部分配列決定を行い、約 100 の新規遺伝子候補を見いだした。

#### A. 研究目的

ヒトゲノム全体のDNA配列決定プロジェクトとその一環として発現遺伝子部分 (cDNA断片、expressed sequence tag, EST)のクローン化が大規模に進められ、マウス EST についても総数80万以上が登録され、約10万といわれる遺伝子の半分以上に対応するクローンが分離されている。また、ヒト全塩基配列決定は2003年には完了する計画である。しかし、遺伝子部分の確定とその機能解明は配列決定と並行して進められたとしても、全体としては残された課題となると見られる。したがって、これまでに日本でも分離された数万のESTクローンを収集し、保管・供給することは依然として必要である。

そこで本研究では新たにヒト、サルおよびマウスESTの分離を試みるとともに、それらを基に完全長cDNAクローンを選択し、細胞で発現できる形として、産物の機能、発現制御等の研究の資源とすることを目的とする。

#### B. 研究 方法

1) 多サンプルが一挙に収集されることに

対応するため、プラスミドDNA自動調製機を用い、100検体以上を一回に増幅し、自動希釈装置で多検体用に制限酵素等を希釈し、制限酵素切断を行った後、アガロースゲル電気泳動で、DNAの検査を行うシステムをcDNA断片、EST(Expressed Sequence Tag) クローンの増幅・検査に適用する。

2) DNAシーケンサーを用いて、クローンDNAの部分塩基配列を決定し、インサートされたDNAの両端から部分塩基配列決定をする。多数のESTクローンについてコンピュータープログラムによりDNAデータベース上の配列と相同性検索を行い、既知のものに合致するものについて、その5'領域を完全に含んでいるかどうか判定する。

#### C. 研究結果

菅野らが作製し、米国Washington Univ.のグループがシーケンスしているマウス肝臓、腎臓、胚cDNAライブラリーからのクローン約24,000を収集し、利用可能としている。その内訳を表1に示した。各々のライブラリーについて5' または3' 側から

読んだインサートシーケンスの相同性比較に基づくクラスタリングを行い、クラスター数と重複度を調べた。さらに、マウス脳cDNAライブラリーから分離した完全長を含む確率の高いクローン約6,000を収集し、5'側部分塩基配列決定による同定を行った。これまでに5,323クロンのシーケンスをDDBJ/EMBL/GenBank DNAデータベースに登録した(末尾に今年、新たに登録したクロンの一覧表を付した)。これらのクロンの内、約11%は新規のESTであり、それらを除く既知の遺伝子に対応するクロンの約73%は完全長であることが示唆された。cDNAインサートの長さは1.5-3.0 kbに入るものが79%であった。また、CpG islandの存在を調べるプログラムを使ってサーベイしたところ、49%のクロンが100bp以上の長さのCpG islandを持つことが分かった。

CpG islandはメチル化されていないCpGの配列の密集した領域が200塩基以上続くもので、主として遺伝子の5'上流域に存在し、その遺伝子の転写制御に関係していると考えられている。マウスでは全体として46%の遺伝子が保持しているというデータがある。CpG islandはイントロン領域にもかかって存在するもので、cDNA配列だけで見ただけでは低く出てくると考えられ、得られた結果は妥当な数字で、cDNA集団にひどい偏りが無いことを示すものといえる。このCpG island陽性クローンを含む5'側塩基配列では新規ESTとして分類された約250クローンについて、3'側部分塩基配列を調べて、データベース上のシーケンスとの相同性検索を行ったところ、約1/4は完全に新規のものであった。また残りのものも大部分はマウスをはじめ、ヒト、ラットのESTとして登録されているもので、その点では未知の遺伝子のcDNAであった。そのうち、約50クローンについて全長のシー

クエンシングを行い、ORF、ドメイン、モチーフ探索を行った。

このマウス脳cDNAクローン5,323は表2に示したように2クローン以上からなる742クラスターと1クローンで代表される2,124クラスターに分けられ、重複度は

1.86となり、なお2以下であった。ミエリン塩基性蛋白など15クローン以上といった出現率の高いもの(総数約900)を除いたセットを準備し、数千クローンをまとめて供給して、共同研究としてマイクロアレイ化を試み、試作品ができている段階である。今後、これらを用いてマウスの発生、成長段階による組織での発現の違いを調べることにより、その機能を全体として把握することが可能となる。たとえば、CAG repeatを伸張したハンチンチン遺伝子を入れたトランスジェニックマウスについて、発生の段階から症状の出るまで遺伝子発現の変化を追うことによって、発症に関わる因子を探ることができる。

次に、カニクイザル小脳cDNAライブラリーよりクローン約8,000個を分離し、現在までに約3,000の部分配列決定を行い、約100の新規遺伝子候補を見いだした。

#### D. 考察

ゲノム解析計画の一環でもある、ESTプロジェクトによりcDNA(断片)クローンを集積することは大規模シーケンスで決定された塩基配列の中に、発現する遺伝子部分、エキソンを確定していくのに必要であり、また、酵母や線虫などの全塩基配列が決められて特定されている遺伝子のオルソログを求めるのに利用できる。さらに、完全長cDNAクローンについては細胞での発現による機能解明に用いることができるし、逆に、ミュータントマウスの個体レベルで機能の分かった遺伝子の参照として解析に用いることもできる。

## E. 結論

マウスについて脳 cDNA ライブラリーからの約 6,000 コロニーの寄託を受け、5'側シーケンシングを行い、計 5323 クロオンを公共 DNA データベースに登録した。これらのクロオンはここ1年で 100 人以上の国内外の研究者に 200 クロオンを分与した。さらに、米国でシーケンスされている菅野マウス腎臓、肝臓、胚 cDNA クロオン約 24,000 を収集し、マイクロアレイ用にクラスター分類を行った。カニクイザル小脳 cDNA ライブラリーよりクロオン約 8,000 個を分離し、現在までに約 3,000 の部分配列決定を行い、約 100 の新規遺伝子候補を見いだした。

## F. 研究発表

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3) 長田直樹、楠田 潤、田沼玲子、伊藤亜紀子、平田 誠、平井百樹、橋本雄之: CpGアイランドを指標にしたマウス脳由来新規完全長cDNAクロオンの分離,

第22回日本分子生物学会年会、福岡、1999年12月

4)楠田潤、田沼玲子、平井百樹、橋本雄之: 哺乳類casein kinase I isoform遺伝子の単離および構造解析,  
第22回日本分子生物学会年会、福岡、1999年12月

表1. Sugano mouse cDNA clones

tissue		sequence No.	cluster No.	Redundancy
kidney	3'-read	4,366	2,113	2.1
	5'-read	3,381	1,693	2.0
liver	3'-read	7,617	2,314	3.3
	5'-read	9,092	2,477	3.7
embryo	3'-read	2,439	1,217	2.0
	5'-read	2,706	1,291	2.1
combined	3'-read	14,422	4,703	3.1
	5'-read	15,179	4,505	3.3

表2. Mouse brain cDNA clone MNCb

a) 5'-sequenced clones

total 5'-sequences	5,323
new	603(11%)
EST	1,494(28%)
genes	3,226(61%)
full	2,354(73%)
not full	872(27%)

b) Clone No./ Cluster No.

A	cluster No. with more than 2 clones	742
B	cluster No. with single clones	2,124
C=A+B	total cluster No.	2,866
D	total sequence clone No.	5,323
D/C	average redundancy rate	1.86

c) Highly represented clone No.

Cluster No. of highly represented clones (>15)	30
Total No. of highly represented clones	898



## LIBRARY

Lib Name: Sugano mouse brain mnch  
 Organism: Mus musculus  
 Strain: C57BL  
 Sex: female  
 Organ: brain

## Develop.

stage: adult  
 Lab host: TOP10

Vector: pME185-FL3 (Acc.No. AB009864)

R. Site1: DraIII (CACTGTGTG)

R. Site2: DraIII (CACCATGTG)

## Description:

1st strand cDNA was primed with an oligo(dT) primer [ATGTGGCCCTTTTTTTTTTTTTTTT]; double-stranded cDNA was ligated to a DraIII adaptor [TGTGGCCACTGTG], digested and cloned into distinct DraIII sites of the pME185-FL3. XhoI sites just outside the DraIII sites can be used to isolate the cDNA insert. Size selection was performed to exclude fragments < 5 kb. Library was constructed by Sugano et al. (University of Tokyo, Institute of Medical Science). Custom primer used for sequencing  
 ( 5' end primer [CTTCTGCTCTAAAGCTGCG]  
 3' end primer [CGACCTGCAGCTCGAGCAC].

## SUBMITTER

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MNCb-0139 gb.:AU066563: A1046893 uh52009.r1 Soares mouse embryonic stem cell NME5 Mus musculus cDNA clone 1749016 5', mRNA sequence. EST "

MNCb-0161 gb.:AU066564: EST

MNCb-0436 gb.:AU066565: AA349999 EST57272 Infant brain Homo sapiens cDNA 5' end similar to similar to potassium channel, mRNA sequence. 4/97 EST "

MNCb-0571 gb.:AU066566: AB000876 Homo sapiens genomic DNA for centromeric end of MHC class I region on chromosome 6, cosmid clone:TY1F8. Genbank "

MNCb-0675 gb.:AU066567: S65735 membrane glycoprotein M6 Genbank

MNCb-0679 gb.:AU066568: MNMN2 M.musculus mRNA for neuronatin-2. 12/95 Genbank

MNCb-0689 gb.:AU066569: M15PKC81 Mouse CAMP-dependent protein kinase (Brain-specific form type I regulatory subunit) mRNA, complete cds. 11/92 Genbank "

MNCb-0691 gb.:AU066570: D50000 Bos taurus musculus mRNA for Doc2, partial cds. 11/97 Genbank "

MNCb-0694 gb.:AU066571: M5ANTP91A Mouse Tum-P91A antigen gene, complete cds. Genbank "

MNCb-0695 gb.:AU066572: AAL79932 zp56h10.r1 Stratagene NT2 neuronal precursor 937230 Homo sapiens cDNA clone 613507 5' similar to MP:1F57B9.2 CEB1337, mRNA sequence. 12/96 EST "

MNCb-0701 gb.:AU066573: MMU23184 Mus musculus carboxypeptidase E (Cpe) mRNA, complete cds. Genbank "

MNCb-0702 gb.:AU066574: MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank "

MNCb-0705 gb.:AU066575: S71616 prosaposin [mice, mRNA, 2593 nt]. Genbank "

MNCb-0706 gb.:AU066576: AA048807 mJ43b09.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 478841 5', mRNA sequence. EST "

MNCb-0707 gb.:AU066577: HS223948 Homo sapiens mRNA for putative RNA helicase, 3' end. Genbank "

MNCb-0709 gb.:AU066578: MME1FA1 Mouse mRNA for Initiation factor eIF-4A1. 9/93 Genbank

MNCb-0713 gb.:AU066579: AA88626 uc82h11.y1 Suqno mouse kidney mRNA for Mus musculus cDNA clone 1432125 5' similar to gb:M19141 Mouse heat shock protein 70 cognate mRNA, complete cds (HOUSE), mRNA sequence

MNCb-0716 gb.:AU066580: AA95082 am74d09.s1 Stratagene schizo brain S11 Homo sapiens cDNA clone IMAGE:1616177 3' similar to TR:Q63742 Q63742 P34 PROTEIN., mRNA sequence. 5/98 Genbank "

MNCb-0719 gb.:AU066581: D87744 Mouse mRNA for DRPLA protein, complete cds. Genbank "

MNCb-0722 gb.:AU066582: BTUBRE49 Bovine mRNA fragment for 49 kDa subunit of mitochondrial NADH:ubiquinone oxidoreductase (EC 1.6.5.3). 7/95 Genbank

MNCb-0729 gb.:AU066583: AA597295 vo17a09.r1 Barstead mouse myotubes MLR185 Mus musculus cDNA clone 1050136 5', mRNA sequence. EST "

MNCb-0742 gb.:AU066584: AQ208924 HS\_3056\_B2\_B11\_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=3056 Col=22 Row=D, genomic survey sequence. Genbank "

MNCb-0746 gb.:AU066585: AA607577 vo87f08.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 1040775 5', mRNA sequence. EST "

MNCb-0747 gb.:AU066586: RNH8958 Rattus norvegicus neuritin mRNA, complete cds. Genbank "

MNCb-0748 gb.:AU066587: W35427 88 Mouse VM cDNA library Mus musculus cDNA clone spm21 6.21, mRNA sequence. EST "

MNCb-0775 gb.:AU066588: AF03538 Mus musculus brain HSP-Like 1 (Hsp1) mRNA, complete cds. Genbank "

MNCb-0778 gb.:AU066589: MNGIP137 M.musculus mRNA for GPI-anchored protein, Genbank

MNCb-0791 gb.:AU066590: AF026337 Mus musculus prodynorphin mRNA, complete cds. Genbank "

MNCb-0793 gb.:AU066591: AU035567 Mus musculus cDNA, clone MNCb-0592, mRNA sequence. EST "

MNCb-0808 gb.:AU066592: MUSTUBA2M Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds. Genbank "

MNCb-0811 gb.:AU066593: MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank "

MNCb-0831 gb.:AU066594: AA111270 mo53c01.r1 Life Tech mouse embryo 10 Sdpc 10665016 Mus musculus cDNA clone 557280 5' similar to TR:G1297304 G1297304 CTX, mRNA sequence. EST "

MNCb-0876 gb.:AU066595: S83285 glyoxalase I (human, HeLa cells, mRNA Partial, 572 nt). Genbank "

MNCb-0884 gb.:AU066596: RNGBLOBA Rat mRNA for beta-globin. Genbank

MNCb-0901 gb.:AU066597: AB003991 rat mRNA for SNAP-25A, complete cds. Genbank "

MNCb-0902 gb.:AU066598: D82924 Rat mRNA for phosphatidylinositol synthase, complete cds. Genbank "

MNCb-0904 gb.:AU066599: AF03538 Mus musculus cDNA encoding novel protein produced by glioblastoma. Genbank

MNCb-0905 gb.:AU066600: BTU07980 Bos taurus NAD(+)-dependent isocitrate dehydrogenase subunits 3 and 4 mRNA, complete cds. Genbank "

MNCb-0940 gb.:AU066601: MNACTER Mouse cytoskeletal mRNA for beta-actin. Genbank

MNCb-0961 gb.:AU066602: RNDRI42 R.norvegicus mRNA for ER transmembrane protein. 11/96 Genbank

MNCb-0970 gb.:AU066603: HUMHMP2 Human mRNA for motor protein, partial cds. Genbank "

MNCb-0975 gb.:AU066604: DS0564 Rattus norvegicus mRNA for mercaptopyruvate sulfurtransferase, complete cds. Genbank "

MNCb-0977 gb.:AU066605: HSU45975 Human phosphatidylinositol (4,5)bisphosphate 5-phosphatase homolog mRNA, partial cds. Genbank "

MNCb-0982 gb.:AU066606: MMU30840 Mus musculus voltage dependent anion channel 1 mRNA, nuclear gene encoding mitochondrial protein, complete cds. Genbank "

MNCb-0982 gb.:AU066607: M93656 mg10b09.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 423353 5', mRNA sequence. 7/96 EST "

MNCb-0983 gb.:AU066608: RNDRI42 R.norvegicus mRNA for ER transmembrane protein. 11/96 Genbank

MNCb-1003 gb.:AU066609: HUMORF16 Human mRNA for KIAA0026 gene, complete cds. Genbank "

MNCb-1012 gb.:AU066610: EST

MNCb-1019 gb.:AU066611: M5MFM6E8 Mouse milk fat globule membrane protein EB mRNA, complete cds. 1/91 Genbank "

MNCb-1020 gb.:AU066612: AA984309 am83g11.s1 Stratagene schizo brain S11 Homo sapiens cDNA clone IMAGE:1629764 3' similar to TR:Q92597 Q92597 RTP, COMPLETE CDS., mRNA sequence. 5/98 Genbank "

MNCb-1027 gb.:AU066613: M5MVP Mouse vacuolar H(+) -ATPase (mvp) mRNA, complete cds. 6/91 Genbank "

MNCb-1029 gb.:AU066614: HSRH01 H.sapiens mRNA for rho GDP-dissociation Inhibitor 1. Genbank

MNCb-1034 gb.:AU066615: AA051532 mJ52d01.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 479713 5', mRNA sequence. EST "

MNCb-1061 gb.:AU066616: EST

MNCb-1062 gb.:AU066617: AA506775 EST013 Human MCF7 cDNA subtracted with MDA-MB-231 cDNA Homo sapiens cDNA clone DEME-23, mRNA sequence. EST "

MNCb-1063 gb.:AU066618: RNTUBB15 Rat mRNA for beta-tubulin T beta15. Genbank

MNCb-1065 gb.:AU066619: MNVALPRO M.musculus mRNA for valosin-containing protein. Genbank

MNCb-1067 gb.:AU066620: MUSHSPCA Mouse heat shock protein 70 cognate mRNA, complete cds. Genbank "

MNCb-1068 gb.:AU066621: HSAF001552 Homo sapiens chromosome 16 BAC clone CIT9875X-381E11 complete sequence. Genbank

MNCb-1069 gb.:AU066622: EST

MNCb-1076 gb.:AU066623: AC002327 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mus musculus chromosome 7, clone 19K5 HTGS phase 2, 3 ordered pieces. Genbank "

MNCb-1081 gb.:AU066624: MNCPEB M.musculus mRNA for CPB protein. Genbank

MNCb-1082 gb.:AU066625: AF043070 Mus musculus branched chain alpha ketoacid dehydrogenase kinase (bckd-kinase) mRNA, nuclear gene encoding mitochondrial protein, complete cds. Genbank "

MNCb-1084 gb.:AU066626: BTGAMCOP B. taurus mRNA for gamma-COP. Genbank

MNCb-1087 gb.:AU066627: AF67366 vo8d04.r1 Stratagene mouse diaphragm (#937303) Mus musculus cDNA clone 1091815 5', mRNA sequence. EST "

MNCb-1089 gb.:AU066628: T08894 EST06786 Homo sapiens cDNA clone H1811 5' end. EST

MNCb-1095 gb.:AU066629: HSUE3336 Human MHC Class I region proline rich protein mRNA, complete cds. Genbank "

MNCb-1105 gb.:AU066630: HUMZD50H12 Homo sapiens full length insert cDNA clone ZD50H12. Genbank

MNCb-1109 gb.:AU066631: EST

MNCb-1110 gb.:AU066632: HUMSNAP25A Human nerve-terminal protein (isoform SNAP25A) mRNA, complete cds. Genbank "

MNCb-1112 gb.:AU066633: MMU68564 Mus musculus NAD(H)-specific isocitrate dehydrogenase gamma subunit precursor, mRNA, complete cds. Genbank "

MNCb-1113 gb.:AU066634: MNCATD M.musculus mRNA for cathepsin D. Genbank

MNCb-1128 gb.:AU066635: MMU65592 Mus musculus K+ channel beta2 subunit mRNA, complete cds. Genbank "

MNCb-1138 gb.:AU066636: AU035784 Mus musculus cDNA, clone MNCb-0870, mRNA sequence. EST "

MNCb-1149 gb.:AU066637: AA032931 mo17f09.r1 Life Tech mouse embryo 13 Sdpc 10666014 Mus musculus cDNA clone 553865 5', mRNA sequence. EST "

MNCb-1194 gb.:AU066638: EST

MNCb-1234 gb.:AU066639: AA139367 mq20a01.r3 Soares ZNBMT Mus musculus cDNA clone 577512 5', mRNA sequence. EST "

MNCb-1249 gb.:AU066640: A1119618 uf01f05.y1 Sugano mouse embryo newa Mus musculus cDNA clone 1499361 5', mRNA sequence. EST "

MNCb-1250 gb.:AU066641: XLU16800 Xenopus laevis elav-type ribonucleoprotein (etr-1) mRNA, complete cds. Genbank "

MNCb-1251 gb.:AU066642: E11763 cDNA coding polypeptide produced by mouse myeloid stroma cell. Genbank

MNCb-1252 gb.:AU066643: AA215228 mu75f09.r1 Stratagene mouse embryonic carcinoma (#937317) Mus musculus cDNA clone 651401 5' similar to SW:CAP4\_MOUSE P12815 PROBABLE CALCIUM-BINDING PROTEIN PMP41, mRNA

MNCb-1253 gb.:AU066644: M5USPG1P52 Mus musculus phosphoglycerate kinase (Pgk1-p52) processed pseudogene. Genbank

MNCb-1254 gb.:AU066645: MMU9199 Mus musculus p19 mRNA, complete cds. Genbank

MNCb-1255 gb.:AU066646: MMU17259 Mus musculus p19 mRNA, complete cds. Genbank

MNCb-1256 gb.:AU066647: AF046528 Mus musculus clone OST13843, genomic survey sequence. Genbank "

MNCb-1257 gb.:AU066648: MNGLYT M.musculus GLYT mRNA for glycine transporter. Genbank

MNCb-1258 gb.:AU066649: I77040 Sequence 15 from patent US 5693476. Genbank

MNCb-1259 gb.:AU066650: MZM001 Mouse mitochondrial genes coding for three transfer RNAs (specific for Phe, Val and Leu), 12S ribosomal RNA, and 16S ribosomal RNA. Genbank "

MNCb-1260 gb.:AU066651: MNAAP1B Mouse MAP1B mRNA for MAP1B microtubule-associated protein. Genbank

MNCb-1261 gb.:AU066652: RATHMGB Rat 1B236/myelin-associated glycoprotein (MAG) mRNA, complete cds. Genbank "

MNCb-1262 gb.:AU066653: EST

MNCb-1264 gb.:AU066654: AA051352 mJ53a09.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 479800 5', mRNA sequence. EST "

MNCb-1265 gb.:AU066655: S63233 phosphoglycerate mutase type B subunit [rats, liver, mRNA, 1670 nt]. Genbank "

MNCb-1266 gb.:AU066656: AA097108 mo15a03.r1 Life Tech mouse embryo 13 Sdpc 10666014 Mus musculus cDNA clone 553612 5', mRNA sequence. EST "

MNCb-1267 gb.:AU066657: AA791605 vo87h06.r1 Barstead mouse myotubes MLR185 Mus musculus cDNA clone 1179995 5', mRNA sequence. EST "

MNCb-1268 gb.:AU066658: HSU40989 Human rat interactive protein mRNA, complete cds. Genbank "

MNCb-1269 gb.:AU066659: AC005369 Homo sapiens chromosome 5, BAC clone 119J3 (LBNL H175), complete sequence. Genbank "

MNCb-1270 gb.:AU066660: MNMN2 M.musculus mRNA for neuronatin-2. Genbank

MNCb-1271 gb.:AU066661: EST

MNCb-1272 gb.:AU066662: A45916 Sequence 55 from Patent W09520654. Genbank

MNCb-1273 gb.:AU066663: MUSTUBA2M Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds. Genbank "

MNCb-1274 gb.:AU066664: HUMGAAA Human acid alpha-glucosidase (GAA) mRNA, complete cds. Genbank "

MNCb-1275 gb.:AU066665: AA563019 v145a02.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 975146 5', mRNA sequence. EST "

MNCb-1276 gb.:AU066666: EST

MNCb-1277 gb.:AU066667: MUSUR575 Mouse 5.7S U4 small nuclear RNA type A. Genbank







MNCb-2954 gb.:AU067103: AT099132 ue39h05.y1 Sugano mouse liver mlii Mus musculus cDNA clone 1482777 5' similar to SW:YFE2.YEAST P43560 HYPOTHETICAL 62.5 KD PROTEIN IN SECS3-ACT1 INTERGENIC REGION. , mRNA  
 MNCb-2955 gb.:AU067104: MSALEN Mouse mRNA for alpha-enolase (2-phospho-D-glycerate hydratase) (EC 4.2.1.11). Genbank  
 MNCb-2956 gb.:AU067105: 563233 phosphoglycerate mutase type B subunit [rats, liver, mRNA, 1670 nt]. Genbank  
 MNCb-2957 gb.:AU067106: MMRAB7 M.musculus mRNA for Rob7 protein. Genbank  
 MNCb-2958 gb.:AU067107: HMPDKZK Homo sapiens pyruvate dehydrogenase kinase isoenzyme 2 (PDK2) mRNA, complete cds. Genbank  
 MNCb-2959 gb.:AU067108: MUSAGNSA Mus musculus agouti switch protein mRNA, 5' UTR. Genbank  
 MNCb-2960 gb.:AU067109: MUSCDK5 Mus musculus cyclin-dependent kinase 5 (CDK5), complete cds. Genbank  
 MNCb-2961 gb.:AU067110: AF881192 Homo sapiens histone H2A.F/Z variant (H2AV) mRNA, complete cds. Genbank  
 MNCb-2962 gb.:AU067111: MUSACTGCS Mouse cytoskeletal gamma-actin mRNA, complete cds. Genbank  
 MNCb-2963 gb.:AU067112: HUMKGD0D Human mRNA for KIAA0998 gene, partial cds. Genbank  
 MNCb-2964 gb.:AU067113: MUSHBPZM Mouse myelin basic protein mRNA, complete cds, clone NK-M72. Genbank  
 MNCb-2965 gb.:AU067114: MMCKII Murine mRNA for calmodulin kinase II. Genbank  
 MNCb-2966 gb.:AU067115: EST  
 MNCb-2967 gb.:AU067116: HS2PPHAE H.sapiens mRNA for 2-phosphopyruvate-hydratase-alpha-enolase. Genbank  
 MNCb-2968 gb.:AU067117: MUSATPSYNA Mouse ATP synthase alpha subunit, complete cds. Genbank  
 MNCb-2969 gb.:AU067118: HMAK74 Human protein-serine/threonine (AKT2) mRNA, complete cds. Genbank  
 MNCb-2970 gb.:AU067119: HMI47RNA M.musculus mRNA for 147 clone. Genbank  
 MNCb-2971 gb.:AU067120: AU035775 Mus musculus cDNA, clone MNCb-0861, mRNA sequence. EST  
 MNCb-2972 gb.:AU067121: RATCNPF Rat CNS 2',3'-cyclic nucleotide 3-phosphodiesterase (CNPF) mRNA, complete cds. Genbank  
 MNCb-2973 gb.:AU067122: BTEPCOP B.taurus mRNA for epsilon-COP. Genbank  
 MNCb-2974 gb.:AU067123: AC004476 Homo sapiens chromosome 19, cosmid R29388, complete sequence. Genbank  
 MNCb-2975 gb.:AU067124: A016602 Mus musculus mRNA for G-protein coupled receptor, complete cds. Genbank  
 MNCb-2976 gb.:AU067125: AT047754 uh83b02.r1 Soares mouse urogenital ridge NMUR Mus musculus cDNA clone 1764267 5', mRNA sequence. EST  
 MNCb-2977 gb.:AU067126: AF044581 Rattus norvegicus syntaxin 13 mRNA, complete cds. Genbank  
 MNCb-2978 gb.:AU067127: MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank  
 MNCb-2979 gb.:AU067128: A051407 vF81C06.r1 Soares mouse mammary gland NMMG Mus musculus cDNA clone 850186 5', mRNA sequence. EST  
 MNCb-2980 gb.:AU067129: AC004863 AC004863 Homo sapiens clone D38708P2 HTGS phase 1, 11 unordered pieces. Genbank  
 MNCb-2981 gb.:AU067130: RATPLPX Rat brain myelin proteolipid protein (PLP) mRNA, complete cds. Genbank  
 MNCb-2982 gb.:AU067131: HSAC002899 \*\*\* SEQUENCING IN PROGRESS \*\*\* Genomic sequence from Human 9q34 HTGS phase 1, 2 unordered pieces. Genbank  
 MNCb-2983 gb.:AU067132: MUSHRS Mouse mRNA for Hrs, complete cds. Genbank  
 MNCb-2984 gb.:AU067133: RATPKCZA Rat protein kinase C zeta subspecies. Genbank  
 MNCb-2985 gb.:AU067134: AQ184803 HS\_2216\_B2\_F05\_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-2216 Col-10 Row-L, genomic survey sequence. Genbank  
 MNCb-2986 gb.:AU067135: D88146 Homo sapiens mRNA for UDP-galactase transporter 2, complete cds. Genbank  
 MNCb-2987 gb.:AU067136: MSTRUBAZM Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds. Genbank  
 MNCb-2988 gb.:AU067137: MMU15571 Mus musculus amyloid precursor-like protein 2 isoform 751, (APLP2) gene, complete cds. Genbank  
 MNCb-2989 gb.:AU067138: RNCIIM R.norvegicus mRNA for n-chimaerin. Genbank  
 MNCb-2990 gb.:AU067139: EST  
 MNCb-2991 gb.:AU067140: H31187 EST104973 Rat PC-12 cells, untreated Rattus sp. cDNA clone RPCA49 5' end, mRNA sequence. EST  
 MNCb-2992 gb.:AU067141: MSTRUBAZM Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds. Genbank  
 MNCb-2993 gb.:AU067142: H5330012 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 330012 HTGS phase 1. Genbank  
 MNCb-2994 gb.:AU067143: AA140182 mc96g05.r1 Stratogene mouse heart (#937316) Mus musculus cDNA clone 586616 9', mRNA sequence. EST  
 MNCb-2995 gb.:AU067144: S72537 zebrin II [mice, C57BL/6J inbred, P20 cerebella, mRNA, 1587 nt]. Genbank  
 MNCb-2996 gb.:AU067145: MMJ57311 Mus musculus 14-3-3 eta protein mRNA, complete cds. Genbank  
 MNCb-2997 gb.:AU067146: RATBTEB Rattus norvegicus mRNA for BTE binding protein. Genbank  
 MNCb-2998 gb.:AU067147: MMSMGAS2 Mus musculus smooth muscle gamma-actin gene, complete cds. Genbank  
 MNCb-2999 gb.:AU067148: MMS4827 Mus musculus extracellular matrix associated protein (Sc1) mRNA, complete cds. Genbank  
 MNCb-3000 gb.:AU067149: CGTUBB2 Cricetulus griseus (chinese hamster) mRNA for beta tubulin (clone B3T). Genbank  
 MNCb-3001 gb.:AU067150: EST  
 MNCb-3002 gb.:AU067151: AB006181 Mus musculus mRNA for nuclear factor YC, complete cds. Genbank  
 MNCb-3003 gb.:AU067152: I74276 Sequence 2 from patent US 5688511. Genbank  
 MNCb-3004 gb.:AU067153: MMEMZ2 M.musculus mRNA for pMEM2 protein. Genbank  
 MNCb-3005 gb.:AU067154: A119636 uf01h03.y1 Sugano mouse embryo mema Mus musculus cDNA clone 1499381 5' similar to TR:Q91885 Q91885 RING FINGER PROTEIN. , mRNA sequence. EST  
 MNCb-3006 gb.:AU067155: MMTS222 M.musculus TSC-22 mRNA. Genbank  
 MNCb-3007 gb.:AU067156: MMU8564 Mus musculus NAD(H)-specific isocitrate dehydrogenase gamma subunit precursor, mRNA, complete cds. Genbank  
 MNCb-3008 gb.:AU067157: EST  
 MNCb-3009 gb.:AU067158: MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank  
 MNCb-3010 gb.:AU067159: DS0463 Mouse SDRI mRNA, complete cds. Genbank  
 MNCb-3011 gb.:AU067160: AU035775 Mus musculus cDNA, clone MNCb-0861, mRNA sequence. EST  
 MNCb-3012 gb.:AU067161: GGU18309 Gallus gallus chromokinesin mRNA, complete cds. Genbank  
 MNCb-3013 gb.:AU067162: EST  
 MNCb-3014 gb.:AU067163: MMSMYOHCB Mouse myosin heavy chain mRNA, 3' flank. Genbank  
 MNCb-3015 gb.:AU067164: AB014597 Homo sapiens mRNA for KIAA0697 protein, partial cds. Genbank  
 MNCb-3016 gb.:AU067165: PMU33851 Peromyscus maniculatus snRNA (BCL RNA) gene, partial sequence. Genbank  
 MNCb-3017 gb.:AU067166: B57464 CIT-HSP-2009L17.TR CIT-HSP Homo sapiens genomic clone 2009L17, genomic survey sequence. Genbank  
 MNCb-3018 gb.:AU067167: AC005751 Homo sapiens chromosome 16, BAC clone 375612 (LANL), complete sequence. Genbank  
 MNCb-3019 gb.:AU067168: L002959 Sprime LB Drosophila melanogaster embryo BlueScript Drosophila melanogaster cDNA clone L002959 Sprime, mRNA sequence. EST  
 MNCb-3020 gb.:AU067169: HSIFP53 H.sapiens mRNA for IFP53. Genbank  
 MNCb-3021 gb.:AU067170: MUSHSP84A Mouse 84 kD heat shock protein mRNA, complete cds. Genbank  
 MNCb-3022 gb.:AU067171: RNTUBB15 Rat mRNA for beta-tubulin T beta15. Genbank  
 MNCb-3023 gb.:AU067172: AC003061 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mouse Chromosome 6 BAC clone b245c12 HTGS phase 2, 1 ordered pieces. Genbank  
 MNCb-3024 gb.:AU067173: AT005895 ua840b1.r1 Soares mouse mammary gland NMMG Mus musculus cDNA clone 1364136 5', mRNA sequence. EST  
 MNCb-3025 gb.:AU067174: RATALR Rat mRNA for alcohol dehydrogenase, complete cds. Genbank  
 MNCb-3026 gb.:AU067175: MUSDPA4A Mouse pyruvate dehydrogenase (pdha-1) mRNA, complete cds. Genbank  
 MNCb-3027 gb.:AU067176: AA382678 vb57f07.r1 Ko mouse embryo 11 Sdpc Mus musculus cDNA clone 761125 5', mRNA sequence. EST  
 MNCb-3028 gb.:AU067177: AB004789 Mus musculus mRNA for dolichol-phosphate-mannose synthase, complete cds. Genbank  
 MNCb-3029 gb.:AU067178: AF004807 Mus musculus uterine protein mRNA, complete cds. Genbank  
 MNCb-3030 gb.:AU067179: HUMTCTA Homo sapiens expressed pseudo TCTA mRNA at t(1;3) translocation site, complete cds. Genbank  
 MNCb-3031 gb.:AU067180: AI154356 ua03b02.r1 Soares 2NBMHT Mus musculus cDNA clone 1345611 5', mRNA sequence. EST  
 MNCb-3032 gb.:AU067181: MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank  
 MNCb-3033 gb.:AU067182: MMU17259 Mus musculus p19 mRNA, complete cds. Genbank  
 MNCb-3034 gb.:AU067183: AB014597 Homo sapiens mRNA for KIAA0697 protein, partial cds. Genbank  
 MNCb-3035 gb.:AU067184: HSA224481 Homo sapiens dck1 gene. Genbank  
 MNCb-3036 gb.:AU067185: E04317 cDNA encoding enhancing factor p55 which enhances production of anti DNA antibody. Genbank  
 MNCb-3037 gb.:AU067186: MMU57690 Mus musculus ubiquitin-conjugating enzyme E214K mRNA, complete cds. Genbank  
 MNCb-3038 gb.:AU067187: AA245693 mx03f07.r1 Soares mouse NML Mus musculus cDNA clone 679141 5', mRNA sequence. EST  
 MNCb-3039 gb.:AU067188: MMU5877 Mus musculus mRNA for translation initiation factor eIF2 gamma X. Genbank  
 MNCb-3040 gb.:AU067189: HS46018 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 40038 HTGS phase 1. Genbank  
 MNCb-3041 gb.:AU067190: S61973 NMDA receptor glutamate-binding subunit [rats, mRNA, 1742 nt]. Genbank  
 MNCb-3042 gb.:AU067191: AA796073 v065e12.r1 Soares mouse mammary gland NMMG Mus musculus cDNA clone 1054798 5', mRNA sequence. EST  
 MNCb-3043 gb.:AU067192: RATBPGTPD Rat GTP-binding protein (G-alpha-8) mRNA, complete cds. Genbank  
 MNCb-3044 gb.:AU067193: BOVRP3A Bovine mRNA for rabphilin-3A, complete cds. Genbank  
 MNCb-3045 gb.:AU067194: HSRP3GEN H.sapiens mRNA for RP3 gene. Genbank  
 MNCb-3046 gb.:AU067195: MMU81317 Mus musculus myelin-associated/oligodendrocyte basic protein (Mabp) mRNA, complete cds. Genbank  
 MNCb-3047 gb.:AU067196: EST  
 MNCb-3048 gb.:AU067197: AF062484 Mus musculus SDP8 mRNA, complete cds. Genbank  
 MNCb-3049 gb.:AU067198: AA275328 v065f10.r1 Soares mouse lymph node MMLN Mus musculus cDNA clone 765739 5', mRNA sequence. EST  
 MNCb-3050 gb.:AU067199: AB011679 Rattus norvegicus mRNA for class I beta-tubulin, complete cds. Genbank  
 MNCb-3051 gb.:AU067200: RNPKPIT Rat mRNA for pituitary pyruvate kinase. Genbank  
 MNCb-3052 gb.:AU067201: HUMSN Human mRNA for 5'-nucleotidase. Genbank  
 MNCb-3053 gb.:AU067202: HUMSN Human mRNA for 5'-nucleotidase. Genbank  
 MNCb-3054 gb.:AU067203: AA537834 vj34q09.r1 Stratogene mouse diaphragm (#937303) Mus musculus cDNA clone 930929 5', mRNA sequence. EST  
 MNCb-3055 gb.:AU067204: RNU05784 Rattus norvegicus microtubule-associated proteins 1A and 1B light chain 3 subunit mRNA, complete cds. Genbank  
 MNCb-3056 gb.:AU067205: MMU73039 Mus musculus Nbr1 (Nbr1) mRNA, complete cds. Genbank  
 MNCb-3057 gb.:AU067206: HS35687 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 35687 HTGS phase 1. Genbank  
 MNCb-3058 gb.:AU067207: EST  
 MNCb-3059 gb.:AU067208: AF072697 Mus musculus SHYC (Shyc) mRNA, complete cds. Genbank  
 MNCb-3060 gb.:AU067209: RATMBPZA Rat myelin basic protein mRNA, complete cds. Genbank  
 MNCb-3061 gb.:AU067210: MMU7129 Mus musculus breast heat shock 73 protein (hsc73) mRNA, complete cds. Genbank  
 MNCb-3062 gb.:AU067211: AF058797 Mus musculus 14-3-3 protein beta mRNA, complete cds. Genbank  
 MNCb-3063 gb.:AU067212: AF076156 Mus musculus catechol-O-methyltransferase (Comt) mRNA, complete cds. Genbank  
 MNCb-3064 gb.:AU067213: AA200626 mu01f02.r1 Soares mouse 3NBMS Mus musculus cDNA clone 638139 5' similar to NP:ZK1128.2 CE01684 , mRNA sequence. EST  
 MNCb-3065 gb.:AU067214: AC004591 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mus musculus chromosome 11, clone cM15.M.8 HTGS phase 1, 3 unordered pieces. Genbank  
 MNCb-3066 gb.:AU067215: S78734 ribosomal protein S24 homolog (clone 2-4) [rats, regenerating liver, mRNA Partial, 174 nt]. Genbank  
 MNCb-3067 gb.:AU067216: EST  
 MNCb-3068 gb.:AU067217: RATMBPZA Rat myelin basic protein mRNA, complete cds. Genbank  
 MNCb-3069 gb.:AU067218: EST  
 MNCb-3070 gb.:AU067219: RNPKPIT Rat mRNA for pituitary pyruvate kinase. Genbank  
 MNCb-3071 gb.:AU067220: AI019785 up09a04.r1 Soares mouse mammary gland NMMG Mus musculus cDNA clone 1365006 5', mRNA sequence. EST  
 MNCb-3072 gb.:AU067221: AA342320 EST47825 Fetal spleen Homo sapiens cDNA 5' end, mRNA sequence. EST  
 MNCb-3073 gb.:AU067222: EST  
 MNCb-3074 gb.:AU067223: S65735 membrane glycoprotein M6=major CNS myelin protein PLP/DM20 homolog [clone M6a] [mice, brain, mRNA, 1272 nt]. Genbank  
 MNCb-3075 gb.:AU067224: S65735 membrane glycoprotein M6=major CNS myelin protein PLP/DM20 homolog [clone M6a] [mice, brain, mRNA, 1272 nt]. Genbank  
 MNCb-3076 gb.:AU067225: MMU3788 Mus musculus MHC class I heavy chain precursor (H-2K(b)) mRNA, complete cds. Genbank  
 MNCb-3077 gb.:AU067226: RNF2ER Rat mRNA for elongation factor 2 (EF-2). Genbank  
 MNCb-3078 gb.:AU067227: T77421 yc94d04.r1 Homo sapiens cDNA clone 23896 5'. EST  
 MNCb-3079 gb.:AU067228: MMTIMP2 M.musculus TIMP-2 mRNA for tissue inhibitor of metalloproteinases, Type 2. Genbank  
 MNCb-3080 gb.:AU067229: S65735 membrane glycoprotein M6=major CNS myelin protein PLP/DM20 homolog [clone M6a] [mice, brain, mRNA, 1272 nt]. Genbank  
 MNCb-3081 gb.:AU067230: AQ153343 HS\_2233\_A1\_G02\_MR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-2233 Col-3 Row-M, genomic survey sequence. Genbank  
 MNCb-3082 gb.:AU067231: AC004945 Homo sapiens PAC clone DJ0997N05 from 7a11.23-q21.1, complete sequence. Genbank  
 MNCb-3083 gb.:AU067232: AC005294 Homo sapiens chromosome 12p13.3 HTGS phase 1, 17 unordered pieces. Genbank  
 MNCb-3084 gb.:AU067233: MMU14315 M.musculus epsilon 14-3-3 isoform mRNA. Genbank  
 MNCb-3085 gb.:AU067234: MMU65722 Mus musculus myelin/oligodendrocyte glycoprotein (Mog) mRNA, complete cds. Genbank  
 MNCb-3086 gb.:AU067235: MITTMW Mouse mitochondrial genome. Genbank  
 MNCb-3087 gb.:AU067236: EST  
 MNCb-3088 gb.:AU067237: AC002327 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mus musculus chromosome 7, clone 19K5 HTGS phase 2, 3 ordered pieces. Genbank  
 MNCb-3089 gb.:AU067238: EST  
 MNCb-3090 gb.:AU067239: RATRH08 Rat rho8 gene mRNA, complete cds. Genbank  
 MNCb-3091 gb.:AU067240: HUMRSC419 Human mRNA for KIAA0005 gene, complete cds. Genbank  
 MNCb-3092 gb.:AU067241: AC005538 Homo sapiens clone NH832111 HTGS phase 1, 45 unordered pieces. Genbank  
 MNCb-3093 gb.:AU067242: RNFECR Rat mRNA for mitochondrial enoyl-CoA hydratase (EC 4.2.1.17). Genbank  
 MNCb-3094 gb.:AU067243: HS46026 Homo sapiens mRNA for ARE1-like protein. Genbank  
 MNCb-3095 gb.:AU067244: W76760 mc69a09.r1 Soares mouse embryo NMME13.5 14.5 Mus musculus cDNA clone 400792 5', mRNA sequence. EST  
 MNCb-3096 gb.:AU067245: RN06349 Rattus norvegicus mRNA for 26S proteasome, subunit p112. Genbank  
 MNCb-3097 gb.:AU067246: S72537 zebrin II [mice, C57BL/6J inbred, P20 cerebella, mRNA, 1587 nt]. Genbank  
 MNCb-3098 gb.:AU067247: AC005868 Homo sapiens 12q24.2 PAC RPC15-944M2 (Roswell Park Cancer Institute Human PAC Library) complete sequence. Genbank





-3582 gb.:AU067538: M44HFGF M.musculus (Swiss-Webster) NF-H gene for neurofilament protein. Genbank  
 -3583 gb.:AU067539: AF059311 3178.B1.F04.T7 CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-3178 Col-7 Row-L, genomic survey sequence. Genbank  
 -3586 gb.:AU067540: AA035378 zK25e09.r1 Soares pregnant uterus NBHPU Homo sapiens cDNA clone 471592 5', mRNA sequence. EST  
 -3587 gb.:AU067541: S72537 zebirin II [mice, C57BL/6J inbred, P20 cerebellum, mRNA, 1587 nt]. Genbank  
 -3589 gb.:AU067542: AB016602 Mus musculus mRNA for G-protein coupled receptor, complete cds. Genbank  
 -3590 gb.:AU067543: M4GPDHD M.musculus mRNA for glucose-6-phosphate dehydrogenase. Genbank  
 -3591 gb.:AU067544: M4SMRCK Mouse mRNA for murine RCK, complete cds. Genbank  
 -3592 gb.:AU067545: RATATPA3 Rat Na+, K+-ATPase alpha(III) isoform catalytic subunit mRNA, complete cds. Genbank  
 -3593 gb.:AU067546: AF015191 Mus musculus clone ET8 ET putative translocation product (ET) mRNA, partial cds. Genbank  
 -3594 gb.:AU067547: CRUTUBAB Chinese hamster alpha-tubulin II mRNA, complete cds. Genbank  
 -3595 gb.:AU067548: RATAC7A Rattus sp. mRNA for mitochondrial acetoacetyl-CoA thiolase precursor, complete cds. Genbank  
 -3596 gb.:AU067549: M4CT5B Homo sapiens cathepsin B proteinase mRNA, complete cds. Genbank  
 -3598 gb.:AU067550: AB001106 Homo sapiens mRNA for glia maturation factor, complete cds. Genbank  
 -3600 gb.:AU067551: M4SPGK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene. Genbank  
 -3604 gb.:AU067552: EST  
 -3606 gb.:AU067553: AA270829 wa85f08.r1 Soares mouse NML Mus musculus cDNA clone 738183 5', mRNA sequence. EST  
 -3607 gb.:AU067554: RNSNAPGEN Rattus norvegicus mRNA for alpha-soluble NSF attachment protein. Genbank  
 -3608 gb.:AU067555: AF055665 Mus musculus kinesin light chain 1 (Klc1) mRNA, complete cds. Genbank  
 -3609 gb.:AU067556: RATPLPX Rat brain myelin proteolipid protein (PLP) mRNA, complete cds. Genbank  
 -3610 gb.:AU067557: EST  
 -3611 gb.:AU067558: AF046623 Mus musculus clone OST1389, genomic survey sequence. Genbank  
 -3614 gb.:AU067559: AF026695 v4a20b5.r1 Barstead mouse myotubes M4PLR85 Mus musculus cDNA clone 1194032 5', mRNA sequence. EST  
 -3615 gb.:AU067560: HSU50733 Human dynactin mRNA, complete cds. Genbank  
 -3616 gb.:AU067561: EST  
 -3617 gb.:AU067562: EST  
 -3618 gb.:AU067563: AA265431 mu66c07.r1 Soares mouse lymph node NBMLN Mus musculus cDNA clone 644364 5', mRNA sequence. EST  
 -3619 gb.:AU067564: EST  
 -3620 gb.:AU067565: M4SMEFZCA Mouse myocyte-specific enhancer factor 2 (MEF-2C) mRNA sequence. Genbank  
 -3621 gb.:AU067566: RAAJ6855 Rattus norvegicus mRNA for synaptotagmin. Genbank  
 -3622 gb.:AU067567: M4S3DC25H Mouse cell division cycle (CDC25) homolog related mRNA sequence. Genbank  
 -3623 gb.:AU067568: S61973 M4R receptor glutamate-binding subunit [rats, mRNA, 1742 nt]. Genbank  
 -3624 gb.:AU067569: HS408192 Mus musculus thymic shared antigen-1 mRNA, complete cds. Genbank  
 -3626 gb.:AU067570: AUJ835567 Mus musculus cDNA, clone MNCB-0592, mRNA sequence. EST  
 -3627 gb.:AU067571: M4M2PK M.musculus mRNA for M2-type pyruvate kinase. Genbank  
 -3628 gb.:AU067572: EST  
 -3629 gb.:AU067573: AB002382 Human mRNA for KIAA0384 gene, complete cds. Genbank  
 -3630 gb.:AU067574: B0VP57A Bovine p57 mRNA for actin binding protein p57, complete cds. Genbank  
 -3631 gb.:AU067575: AC005259 Mouse BAC C10c37.219m7, complete cds. Genbank  
 -3632 gb.:AU067576: RATP1LP Rat mRNA for polyubiquitin (can completely repetitive ubiquitins in tandem and one ubiquitin-like protein), complete cds. Genbank  
 -3633 gb.:AU067577: RND3PGEH R.norvegicus mRNA for D-3-phosphoglycerate dehydrogenase. Genbank  
 -3634 gb.:AU067578: M4P049 y1B10.r1 Homo sapiens cDNA clone 44570 5'. EST  
 -3635 gb.:AU067579: EST  
 -3638 gb.:AU067580: EST  
 -3639 gb.:AU067581: M4SCLUST Mus musculus clusterin mRNA, complete cds. Genbank  
 -3641 gb.:AU067582: HSU09367 Human zinc finger protein ZNF136. Genbank  
 -3642 gb.:AU067583: AF055665 Mus musculus kinesin light chain 1 (Klc1) mRNA, complete cds. Genbank  
 -3643 gb.:AU067584: H4MBN51 Human BM51 mRNA, complete cds. Genbank  
 -3644 gb.:AU067585: AUJ835879 Mus musculus cDNA, clone MNCB-0994, mRNA sequence. EST  
 -3645 gb.:AU067586: AUJ835967 Mus musculus cDNA, clone MNCB-0992, mRNA sequence. EST  
 -3646 gb.:AU067587: H4H40930 Mus musculus oxidative stress-induced protein mRNA, complete cds. Genbank  
 -3647 gb.:AU067588: HS408592 Homo sapiens mRNA for JM23 protein, complete coding sequence (clone IMAGE 34581 and IMAGE 45355 and LMLNC110113307 (RZPD Berlin)). Genbank  
 -3648 gb.:AU067589: S74728 antiuqitin-26g turgor protein homolog [human, kidney, mRNA, 1809 nt]. Genbank  
 -3650 gb.:AU067590: AA051352 mJ35a09.r1 Soares mouse embryo NBME13.5 14.5 Mus musculus cDNA clone 479800 5', mRNA sequence. EST  
 -3651 gb.:AU067591: AB010894 Homo sapiens mRNA for BAI1-associated protein 1, complete cds. Genbank  
 -3653 gb.:AU067592: H4MPSCR Human pyrroline 5-carboxylate reductase mRNA, complete cds. Genbank  
 -3654 gb.:AU067593: HSU93237 Human menin (MEN1) gene, complete cds. Genbank  
 -3655 gb.:AU067594: AF012072 Homo sapiens eIF4G11 mRNA, complete cds. Genbank  
 -3656 gb.:AU067595: D87466 Human mRNA for KIAA0276 gene, partial cds. Genbank  
 -3657 gb.:AU067596: W98050 mg10b09.r1 Soares mouse embryo NBME13.5 14.5 Mus musculus cDNA clone 423353 5', mRNA sequence. EST  
 -3658 gb.:AU067597: AF016174 Mus musculus schwannoma-associated protein (SAM3) mRNA, complete cds. Genbank  
 -3659 gb.:AU067598: D50505 Rattus norvegicus mRNA for mercaptopyruvate sulfurtransferase, complete cds. Genbank  
 -3660 gb.:AU067599: HSU05237 Human fetal Alz-50-reactive clone 1 (FAC1) mRNA, complete cds. Genbank  
 -3662 gb.:AU067600: RNRNASYVY R.norvegicus mRNA for synaptotagmin V. Genbank  
 -3663 gb.:AU067601: HAMCYCLIN2 Hamster mRNA for cyclinB2, complete cds. Genbank  
 -3664 gb.:AU067602: AUJ835863 Mus musculus cDNA, clone MNCB-0969, mRNA sequence. EST  
 -3666 gb.:AU067603: RNU59240 Rattus norvegicus N-tropomodulin mRNA, complete cds. Genbank  
 -3668 gb.:AU067604: AUJ835848 Mus musculus cDNA, clone MNCB-0952, mRNA sequence. EST  
 -3669 gb.:AU067605: D87470 Human mRNA for KIAA0280 gene, partial cds. Genbank  
 -3670 gb.:AU067606: M4SPBK Mus musculus PBX18 mRNA, complete cds. Genbank  
 -3671 gb.:AU067607: RATRPLS5 Rat ribosomal protein L5 mRNA, complete cds. Genbank  
 -3672 gb.:AU067608: RNSC65MR R.norvegicus mRNA for SC65 synaptonemal complex protein. Genbank  
 -3674 gb.:AU067609: AF058797 Mus musculus 14-3-3 protein beta mRNA, complete cds. Genbank  
 -3675 gb.:AU067610: AA255285 mz278f09.r1 Soares mouse NML Mus musculus cDNA clone 719561 5' similar to TR:G20311 G20311 CALCIUM CHANNEL ALPHA-1 SUBUNIT. , mRNA sequence. EST  
 -3677 gb.:AU067611: M4U77330 Mus musculus extracellular matrix protein precursor SCI mRNA, complete cds. Genbank  
 -3678 gb.:AU067612: M4SPGK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene. Genbank  
 -3679 gb.:AU067613: H4MORF16 Human mRNA for KIAA0026 gene, complete cds. Genbank  
 -3680 gb.:AU067614: EST  
 -3681 gb.:AU067615: G26550 human STS TIGR-A083N21. Genbank  
 -3682 gb.:AU067616: AUJ835837 Mus musculus cDNA, clone MNCB-0941, mRNA sequence. EST  
 -3683 gb.:AU067617: A120896 wa83b10.r1 Soares mouse mammary gland NBMMG Mus musculus cDNA clone 1364059 5' similar to SW:YND8\_YEAST Q03697 HYPOTHETICAL 49.6 KD PROTEIN IN CAT2-AM01 INTERGENIC REGION. ,  
 -3684 gb.:AU067618: M4TAX107 M.musculus mRNA for TAX responsive element binding protein 107. Genbank  
 -3686 gb.:AU067619: EST  
 -3687 gb.:AU067620: W25578 zc64g06.r1 Soares fetal heart NBHH19W Homo sapiens cDNA clone 327130 5', mRNA sequence. EST  
 -3690 gb.:AU067621: MITTOMM Mouse mitochondrial protein. Genbank  
 -3691 gb.:AU067622: M4BPQMR Murine mRNA for 2,3-bisphosphoglycerate mutase (BPGM EC 5.4.2.4). Genbank  
 -3692 gb.:AU067623: HS2PHSAL1 Homo sapiens SALL1 gene, partial. Genbank  
 -3693 gb.:AU067624: M4M58471 Mus musculus NeuroD2 mRNA, complete cds. Genbank  
 -3694 gb.:AU067625: HS5P52ZMR H. sapiens sed2-like mRNA. Genbank  
 -3695 gb.:AU067626: M4SALEN Mouse mRNA for alpha-enolase (2-phospho-D-glycerate hydrolyase) (EC 4.2.1.11). Genbank  
 -3696 gb.:AU067627: AUJ835826 Mus musculus cDNA, clone MNCB-0925, mRNA sequence. EST

MCB-0001.x1 gb.:AU067628 AC005528 \*\*\* SEQUENCING IN PROGRESS \*\*\* HTGS phase 1, 13 unordered pieces. Genbank  
 MCB-0030.x1 gb.:AU067629 AF100936 Mus musculus major histocompatibility locus class II region Fas-binding protein Daxx (DAXX) gene, partial cds Bing1 (BING1), topasin (topasin), RatG05-like factor (RLF), KE  
 MCB-0034.x1 gb.:AU067630 AC000399 Genomic sequence from Mouse 9, complete sequence. Genbank  
 MCB-0051.x1 gb.:AU067631 W83159 mF08c07.r1 Soares mouse p3NH19.5 Mus musculus cDNA clone 404460 5', mRNA sequence. EST  
 MCB-0054.x1 gb.:AU067632 AF061017 Mus musculus UDP-glucose dehydrogenase (Ugdh) mRNA, complete cds. Genbank  
 MCB-0062.x1 gb.:AU067633 H4MRETLB4 Human retinoblastoma susceptibility gene exons 1-27, complete cds. Genbank  
 MCB-0069.x1 gb.:AU067634 AU021595 Mus musculus 8-cell embryo cDNA 3'-end sequence, clone J0549E06, mRNA sequence. EST  
 MCB-0070.x1 gb.:AU067635 EST  
 MCB-0071.x1 gb.:AU067636 G3E899 SHGC-56489 Human Homo sapiens STS cDNA, sequence tagged site. Genbank  
 MCB-0076.x1 gb.:AU067637 EST  
 MCB-0080.x1 gb.:AU067638 EST  
 MCB-0083.x1 gb.:AU067639 M4Y17851 Mus musculus mRNA for ganglioside-induced differentiation associated protein 2. Genbank  
 MCB-0109.x1 gb.:AU067640 EST  
 MCB-0110.x1 gb.:AU067641 EST  
 MCB-0122.x1 gb.:AU067642 EST  
 MCB-0123.x1 gb.:AU067643 HS42616 Human DNA sequence from PAC 42616 on chromosome 1p34.1-1p35. Contains NIPP-1-like gene a nuclear inhibitor of protein phosphatase-1, ESTs, and a CA repeat. Genbank  
 MCB-0124.x1 gb.:AU067644 A1101652 EST218941 Normalized rat brain, Berto Soares Rattus sp. cDNA clone RBRBT38 3' end, mRNA sequence. EST  
 MCB-0137.x1 gb.:AU067645 M4U96726 Mus musculus vibrator protein domain, phosphatidylinositol transfer protein alpha (Pitpn) and putative phosphoinositide 5-phosphatase type II genes, complete cds, and mysos  
 MCB-0143.x1 gb.:AU067646 EST  
 MCB-0150.x1 gb.:AU067647 AC003020 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mouse Bac 291G16 HTGS phase 1, 19 unordered pieces. Genbank  
 MCB-0155.x1 gb.:AU067648 H4MY786C01 Homo sapiens full length insert cDNA clone YY86C01. Genbank  
 MCB-0163.x1 gb.:AU067649 EST  
 MCB-0186.x1 gb.:AU067650 AC000399 Genomic sequence from Mouse 9, complete sequence. Genbank  
 MCB-0195.x1 gb.:AU067651 EST  
 MCB-0204.x1 gb.:AU067652 R74891 MDB0222 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MCB-0205.x1 gb.:AU067653 A4116418 mp96d09.r1 Soares 2NDMT Mus musculus cDNA clone 577073 5', mRNA sequence. EST  
 MCB-0207.x1 gb.:AU067654 A1202714 qS89g04.x1 NC1\_CGAP\_Pr28 Homo sapiens cDNA clone IMAGE:1944438 3', mRNA sequence. EST  
 MCB-0215.x1 gb.:AU067655 AB019145 Rattus norvegicus mRNA for regulator of G-protein signaling 9 (RGS9), complete cds. Genbank  
 MCB-0216.x1 gb.:AU067656 AA755182 vq2a09.r1 Barstead mouse irradiated colon M4PLR87 Mus musculus cDNA clone 1106872 5', mRNA sequence. EST  
 MCB-0232.x1 gb.:AU067657 AF051357 Mus musculus golgin-245 (olp-1) mRNA, complete cds. Genbank  
 MCB-0245.x1 gb.:AU067658 EST  
 MCB-0252.x1 gb.:AU067659 R74842 MDB0149 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MCB-0259.x1 gb.:AU067660 AC005743 \*\*\* SEQUENCING IN PROGRESS \*\*\* HTGS phase 1, 8 unordered pieces. Genbank  
 MCB-0262.x1 gb.:AU067661 A4813010 vq39f01.r1 Soares mouse mammary gland NBMMG Mus musculus cDNA clone 1246201 5', mRNA sequence. EST  
 MCB-0271.x1 gb.:AU067662 AC005742 Mus musculus chromosome 11, BAC clone 111-181 (LBML M01), complete sequence. Genbank  
 MCB-0274.x1 gb.:AU067663 R18724 yf98h04.r1 Homo sapiens cDNA clone 30761 5'. EST  
 MCB-0276.x1 gb.:AU067664 EST  
 MCB-0277.x1 gb.:AU067665 EST  
 MCB-0281.x1 gb.:AU067666 AA443305 zw94c01.s1 Soares total testis Nb2HF8 9w Homo sapiens cDNA clone 784008 3', mRNA sequence. EST  
 MCB-0287.x1 gb.:AU067667 HS316612 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 316612 HTGS phase 1. Genbank  
 MCB-0288.x1 gb.:AU067668 EST  
 MCB-0291.x1 gb.:AU067669 RNU53740 Rattus norvegicus synaptotagmin binding zygoin mRNA, complete cds. Genbank  
 MCB-0294.x1 gb.:AU067670 A4116418 mp96d09.r1 Soares 2NDMT Mus musculus cDNA clone 577073 5', mRNA sequence. EST  
 MCB-0296.x1 gb.:AU067671 M4T5X0NA M.musculus 94kb genomic sequence encoding Txs gene. Genbank  
 MCB-0310.x1 gb.:AU067672 AA11131 mp65f10.r1 Soares 2NDMT Mus musculus cDNA clone 574123 5', mRNA sequence. EST  
 MCB-0324.x1 gb.:AU067673 EST  
 MCB-0321.x1 gb.:AU067674 R05362 ye1f07.r1 Homo sapiens cDNA clone 125125 5' similar to contains Alu repetitive element . EST  
 MCB-0342.x1 gb.:AU067675 M4Q2K1 Mouse MHC (Qa) Q2-k gene for class I antigen, exons 1-3. Genbank  
 MCB-0349.x1 gb.:AU067676 AQ186974 HS\_3122\_B2\_A06\_MJR CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate:3122 Col:12 Row-B, genomic survey sequence. Genbank  
 MCB-0354.x1 gb.:AU067677 EST  
 MCB-0359.x1 gb.:AU067678 M4S1APL31 Mouse retrovirus-like intracistronic type A particle element DNA, clone L31. Genbank  
 MCB-0368.x1 gb.:AU067679 EST  
 MCB-0372.x1 gb.:AU067680 EST



MNCb-0375.x1 gb.:AU067681 HUMTLEII Human transducin-like enhancer protein (TLE2) mRNA, complete cds. Genbank  
 MNCb-0377.x1 gb.:AU067682 EST  
 MNCb-0387.x1 gb.:AU067683 G37244 SHGC-57307 Human Homo sapiens STS genomic, sequence tagged site. Genbank  
 MNCb-0388.x1 gb.:AU067684 MHIUBR4 Mus musculus ubiquitin-protein ligase E3-alpha (Ubr1) gene, exon 4. Genbank  
 MNCb-0396.x1 gb.:AU067685 EST  
 MNCb-0407.x1 gb.:AU067686 EST  
 MNCb-0413.x1 gb.:AU067687 M79149 EST01297 Homo sapiens cDNA clone HHCNP24. EST  
 MNCb-0431.x1 gb.:AU067688 EST  
 MNCb-0443.x1 gb.:AU067689 AA324359 EST27169 Cerebellum II Homo sapiens cDNA 5' end, mRNA sequence. EST  
 MNCb-0451.x1 gb.:AU067690 G30350 Human STS SHGC-36815, sequence tagged site. Genbank  
 MNCb-0452.x1 gb.:AU067691 EST  
 MNCb-0462.x1 gb.:AU067692 AA153911 mq58g04.r1 Soares 2NbMT Mus musculus cDNA clone 582198 5', mRNA sequence. EST  
 MNCb-0463.x1 gb.:AU067693 EST  
 MNCb-0472.x1 gb.:AU067694 AA625610 zv89h04.x1 Soares NHMPMu S1 Homo sapiens cDNA clone 766999 3' similar to WP:K1082.1 CE02000 TRANSDUCIN BETA CHAIN, mRNA sequence. EST  
 MNCb-0497.x1 gb.:AU067695 AA172743 mt06e12.r1 Soares mouse 3NbMS Mus musculus cDNA clone 628032 5', mRNA sequence. EST  
 MNCb-0510.x1 gb.:AU067696 EST  
 MNCb-0514.x1 gb.:AU067697 A1228391 EST225086 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RBRCU12 3' end, mRNA sequence. EST  
 MNCb-0516.x1 gb.:AU067698 M61979 md84b02.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 375051 5', mRNA sequence. EST  
 MNCb-0518.x1 gb.:AU067699 AC005538 Homo sapiens clone NH032111 HTGS phase 1, 45 unordered pieces. Genbank  
 MNCb-0535.x1 gb.:AU067700 EST  
 MNCb-0549.x1 gb.:AU067701 AA208279 mv96b03.r1 GuayWoodford Beier mouse kidney day 7 Mus musculus cDNA clone 662861 5', mRNA sequence. EST  
 MNCb-0603.x1 gb.:AU067702 AU022898 Mus musculus unfertilized egg cDNA 3'-end sequence, clone J0422C12, mRNA sequence. EST  
 MNCb-0627.x1 gb.:AU067703 AA124074 mq06o08.r1 Soares 2NbMT Mus musculus cDNA clone 577910 5', mRNA sequence. EST  
 MNCb-0640.x1 gb.:AU067704 AF059580 Murine genomic DNA partially digested Sau3A fragment, cloned into cosmid vector pEMBLcos2, complete sequence. Genbank  
 MNCb-0649.x1 gb.:AU067705 AA461225 vg66a05.r1 Soares mouse NBHM Mus musculus cDNA clone 870896 5', mRNA sequence. EST  
 MNCb-0654.x1 gb.:AU067706 EST  
 MNCb-0673.x1 gb.:AU067707 EST  
 MNCb-0760.x1 gb.:AU067708 EST  
 MNCb-0771.x1 gb.:AU067709 AI190232 qd48g05.x1 Soares fetal\_heart.NbHHL19W Homo sapiens cDNA clone IMAGE:1732760 3', mRNA sequence. EST  
 MNCb-0772.x1 gb.:AU067710 MUSHMCO4A Mouse MHC class I Q4 beta-2-microglobulin (Qb-1) gene, complete cds. Genbank  
 MNCb-0782.x1 gb.:AU067711 AA673234 vp49o05.r1 Knowles Solter mouse 2 cell Mus musculus cDNA clone 1079984 3', mRNA sequence. EST  
 MNCb-0796.x1 gb.:AU067712 W80345 me86c06.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 402442 5', mRNA sequence. EST  
 MNCb-0806.x1 gb.:AU067713 G25896 human STS EST22790. Genbank  
 MNCb-0807.x1 gb.:AU067714 EST  
 MNCb-0813.x1 gb.:AU067715 D88356 Mouse DNA for 8-oxodGTPase, complete cds. Genbank  
 MNCb-0817.x1 gb.:AU067716 G25896 human STS EST22790. Genbank  
 MNCb-0819.x1 gb.:AU067717 M44415 M.musculus HM61-5' gene. Genbank  
 MNCb-0824.x1 gb.:AU067718 AA512425 vs39b04.r1 Soares mouse mammary gland NBMMG Mus musculus cDNA clone 863695 5', mRNA sequence. EST  
 MNCb-0828.x1 gb.:AU067719 C78586 Mus musculus 3.5-dpc blastocyst cDNA 3'-end sequence. EST  
 MNCb-0832.x1 gb.:AU067720 HUMITS Human T-lymphocyte mRNA for isoleucyl-tRNA synthetase, complete cds. Genbank  
 MNCb-0838.x1 gb.:AU067721 EST  
 MNCb-0841.x1 gb.:AU067722 EST  
 MNCb-0866.x1 gb.:AU067723 AC005099 Homo sapiens clone RG351J01 HTGS phase 1, 1 unordered pieces. Genbank  
 MNCb-0869.x1 gb.:AU067724 G05600 human STS WI-6787. Genbank  
 MNCb-0888.x1 gb.:AU067725 AC004000 Human PAC clone DJ404F18 from Xq23, complete sequence. Genbank  
 MNCb-0891.x1 gb.:AU067726 G05600 human STS WI-6787. Genbank  
 MNCb-0893.x1 gb.:AU067727 AF458 MD0812 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MNCb-0913.x1 gb.:AU067728 AU035821 Mus musculus cDNA, clone MNCb-0913, mRNA sequence. EST  
 MNCb-0921.x1 gb.:AU067729 AC005818 \*\*\* SEQUENCING IN PROGRESS \*\*\* HTGS phase 1, 28 unordered pieces. Genbank  
 MNCb-0930.x1 gb.:AU067730 AA859125 UI-R-A0-ac-d-10-0-UI.s2 UI-R-A0 Rattus norvegicus cDNA clone UI-R-A0-ac-d-10-0-UI 3', mRNA sequence. EST  
 MNCb-0976.x1 gb.:AU067731 AP000046 Homo sapiens genomic DNA, chromosome 21q11.1, segment 17/28. Genbank  
 MNCb-0994.x1 gb.:AU067732 MHC135G15 Mus musculus major histocompatibility locus class II region: major histocompatibility protein class II alpha chain (I2Alpha) and major histocompatibility protein class  
 MNCb-1025.x1 gb.:AU067733 EST  
 MNCb-1030.x1 gb.:AU067734 EST  
 MNCb-1051.x1 gb.:AU067735 EST  
 MNCb-1102.x1 gb.:AU067736 AC005807 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mus musculus chromosome 17 BAC clone citb58c7 from the MHC region HTGS phase 1, 9 unordered pieces. Genbank  
 MNCb-1129.x1 gb.:AU067737 A1108ED Rat aldose reductase gene, complete cds. Genbank  
 MNCb-1164.x1 gb.:AU067738 AA859877 UI-R-E0-cc-c-04-0-UI.s1 UI-R-E0 Rattus norvegicus cDNA clone UI-R-E0-cc-c-04-0-UI 3' similar to gb|W65603|W65603|me09e06.r1 Soares mouse embryo NME13.5 14.5 Mus musculus  
 MNCb-1176.x1 gb.:AU067739 A0069818 HS.2253\_A2\_A12\_MF CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate=2253 Col=24 Row=A, genomic survey sequence. Genbank  
 MNCb-1204.x1 gb.:AU067740 EST  
 MNCb-1216.x1 gb.:AU067741 MMT5XDNA M.musculus 94kb genomic sequence encoding Tsx gene. Genbank  
 MNCb-1227.x1 gb.:AU067742 EST  
 MNCb-1306.x1 gb.:AU067743 AP000031 Homo sapiens genomic DNA, chromosome 21q11.1, segment 2/28. Genbank  
 MNCb-1312.x1 gb.:AU067744 HS316612 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 316612 HTGS phase 1. Genbank  
 MNCb-1341.x1 gb.:AU067745 A1091476 ool19b11.x1 Soares\_NSJ\_FB\_9M\_OT\_PA\_P\_S1 Homo sapiens cDNA clone IMAGE:1566621 3', mRNA sequence. EST  
 MNCb-1351.x1 gb.:AU067746 A1007761 EST202212 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RBRAU31 3' end, mRNA sequence. EST  
 MNCb-1409.x1 gb.:AU067747 A134277 EST230965 Normalized rat lung, Bento Soares Rattus sp. cDNA clone RLU94 3' end, mRNA sequence. EST  
 MNCb-1423.x1 gb.:AU067748 M63407 yy60c03.s1 Homo sapiens cDNA clone 272924 3' EST  
 MNCb-1428.x1 gb.:AU067749 AI176056 EST219632 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone ROVB395 3' end, mRNA sequence. EST  
 MNCb-1453.x1 gb.:AU067750 EST  
 MNCb-1462.x1 gb.:AU067751 EST  
 MNCb-1476.x1 gb.:AU067752 EST  
 MNCb-1477.x1 gb.:AU067753 EST  
 MNCb-1478.x1 gb.:AU067754 M4AFPGEN M.musculus alpha-fetoprotein gene. Genbank  
 MNCb-1486.x1 gb.:AU067755 EST  
 MNCb-1487.x1 gb.:AU067756 AB017026 Mus musculus mRNA for oxysterol-binding protein, complete cds. Genbank  
 MNCb-1507.x1 gb.:AU067757 D87458 Human mRNA for KIAA0822 gene, partial cds. Genbank  
 MNCb-1511.x1 gb.:AU067758 EST  
 MNCb-1527.x1 gb.:AU067759 EST  
 MNCb-1528.x1 gb.:AU067760 EST  
 MNCb-1542.x1 gb.:AU067761 EST  
 MNCb-1557.x1 gb.:AU067762 EST  
 MNCb-1563.x1 gb.:AU067763 EST  
 MNCb-1606.x1 gb.:AU067764 EST  
 MNCb-1607.x1 gb.:AU067765 A1101037 EST210326 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RBRBES1 3' end, mRNA sequence. EST  
 MNCb-1618.x1 gb.:AU067766 EST  
 MNCb-1621.x1 gb.:AU067767 M4U37465 Mus musculus protein tyrosine phosphatase phi (PTPphi) mRNA, long insert variant, complete cds. Genbank  
 MNCb-1626.x1 gb.:AU067768 AB017026 Mus musculus mRNA for oxysterol-binding protein, complete cds. Genbank  
 MNCb-1631.x1 gb.:AU067769 EST  
 MNCb-1634.x1 gb.:AU067770 AA212900 mw82a12.r1 Soares mouse NML Mus musculus cDNA clone 677182 5', mRNA sequence. EST  
 MNCb-1644.x1 gb.:AU067771 MMT5XDNA M.musculus 94kb genomic sequence encoding Tsx gene. Genbank  
 MNCb-1654.x1 gb.:AU067772 AA711065 vt55b11.r2 Barstead mouse irradiated colon MPLR87 Mus musculus cDNA clone 1166973 5', mRNA sequence. EST  
 MNCb-1719.x1 gb.:AU067773 RNCALDE Rattus norvegicus mRNA for caldendrin. Genbank  
 MNCb-1721.x1 gb.:AU067774 RNCALDE Rattus norvegicus mRNA for caldendrin. Genbank  
 MNCb-1733.x1 gb.:AU067775 AC004098 Homo sapiens chromosome 17, clone HC13B05D20, complete sequence. Genbank  
 MNCb-1736.x1 gb.:AU067776 AC004098 Homo sapiens chromosome 17, clone HC13B05D20, complete sequence. Genbank  
 MNCb-1754.x1 gb.:AU067777 EST  
 MNCb-1760.x1 gb.:AU067778 AA943378 EST198877 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RBR181 3' end, mRNA sequence. EST  
 MNCb-1772.x1 gb.:AU067779 G25359 human STS EST335181. Genbank  
 MNCb-1790.x1 gb.:AU067780 EST  
 MNCb-1791.x1 gb.:AU067781 MJSZADAPS Mus musculus mRNA for Ca2+ dependent activator protein for secretion, complete cds. Genbank  
 MNCb-1801.x1 gb.:AU067782 AI03371 ub51h07.r1 Soares mouse mammary gland NBMMG Mus musculus cDNA clone 1381309 5', mRNA sequence. EST  
 MNCb-1810.x1 gb.:AU067783 EST  
 MNCb-1833.x1 gb.:AU067784 A1132690 ue33f01.x1 Sugano mouse liver mlia Mus musculus cDNA clone 1482169 3', mRNA sequence. EST  
 MNCb-1862.x1 gb.:AU067785 AC004407 Mus musculus mbac6, complete sequence. Genbank  
 MNCb-1865.x1 gb.:AU067786 AC004407 Mus musculus mbac6, complete sequence. Genbank  
 MNCb-1866.x1 gb.:AU067787 EST  
 MNCb-1868.x1 gb.:AU067788 M4U37465 Mus musculus protein tyrosine phosphatase phi (PTPphi) mRNA, long insert variant, complete cds. Genbank  
 MNCb-1870.x1 gb.:AU067789 M4U37465 Mus musculus protein tyrosine phosphatase phi (PTPphi) mRNA, long insert variant, complete cds. Genbank  
 MNCb-1876.x1 gb.:AU067790 M4U37465 Mus musculus protein tyrosine phosphatase phi (PTPphi) mRNA, long insert variant, complete cds. Genbank  
 MNCb-1880.x1 gb.:AU067791 EST  
 MNCb-1911.x1 gb.:AU067792 AA791426 vs63a07.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 1150932 5', mRNA sequence. EST  
 MNCb-1919.x1 gb.:AU067793 AA791426 vs63a07.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 1150932 5', mRNA sequence. EST  
 MNCb-1981.x1 gb.:AU067794 RATAADCYII Rat adenylyl cyclase mRNA, complete cds. Genbank  
 MNCb-1986.x1 gb.:AU067795 MJSPPROKINC Mus musculus protein kinase C zeta mRNA, complete cds. Genbank  
 MNCb-1988.x1 gb.:AU067796 EST  
 MNCb-2008.x1 gb.:AU067797 EST  
 MNCb-2037.x1 gb.:AU067798 AA850585 EST193353 Normalized rat ovary, Bento Soares Rattus sp. cDNA 3' end, mRNA sequence. EST  
 MNCb-2038.x1 gb.:AU067799 AC003061 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mouse Chromosome 6 BAC Clone b24512 HTGS phase 2, 1 ordered pieces. Genbank  
 MNCb-2051.x1 gb.:AU067800 AC004093 Mus musculus (129SV) DNA, unmapped BAC 10817, complete sequence. Genbank  
 MNCb-2071.x1 gb.:AU067801 M4U58105 Mus musculus Btk locus, alpha-D-galactosidase A (Ags), ribosomal protein (L44L), and Bruton's tyrosine kinase (Btk) genes, complete cds. Genbank  
 MNCb-2104.x1 gb.:AU067802 EST  
 MNCb-2112.x1 gb.:AU067803 AA230810 vv39f01.r1 Soares mouse mammary gland NBMMG Mus musculus cDNA clone 1246201 5', mRNA sequence. EST  
 MNCb-2114.x1 gb.:AU067804 RATLYS02YM Rat lyszyme gene exons 1-4, complete cds. Genbank  
 MNCb-2120.x1 gb.:AU067805 AA212635 mu80d03.r1 Stratagene mouse melanoma (#937312) Mus musculus cDNA clone 651845 5', mRNA sequence. EST  
 MNCb-2139.x1 gb.:AU067806 EST  
 MNCb-2164.x1 gb.:AU067807 AA155509 nr90d12.r1 Stratagene mouse embryonic carcinoma (#937317) Mus musculus cDNA clone 604727 5', mRNA sequence. EST  
 MNCb-2180.x1 gb.:AU067808 HSC3K082 H. sapiens partial cDNA sequence clone c-3k08, mRNA sequence. EST  
 MNCb-2217.x1 gb.:AU067809 N48896 yy77e06.s1 Homo sapiens cDNA clone 279586 3'. EST  
 MNCb-2225.x1 gb.:AU067810 R75539 MD08738 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MNCb-2228.x1 gb.:AU067811 R75539 MD08738 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MNCb-2233.x1 gb.:AU067812 AC004098 Homo sapiens chromosome 17, clone HC13B05D20, complete sequence. Genbank  
 MNCb-2311.x1 gb.:AU067813 N28073 MD81392 Mouse brain, Stratagene Mus musculus cDNA 3'end, mRNA sequence. EST  
 MNCb-2327.x1 gb.:AU067814 EST  
 MNCb-2329.x1 gb.:AU067815 EST  
 MNCb-2332.x1 gb.:AU067816 AF081108 Mus musculus domesticus I1 retrotransposon, Tf subfamily L1MD-Tf14, partial sequence. Genbank  
 MNCb-2335.x1 gb.:AU067817 EST  
 MNCb-2343.x1 gb.:AU067818 AA943378 EST198877 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RBR181 3' end, mRNA sequence. EST  
 MNCb-2358.x1 gb.:AU067819 EST  
 MNCb-2361.x1 gb.:AU067820 G25359 human STS EST335181. Genbank  
 MNCb-2381.x1 gb.:AU067821 EST  
 MNCb-2383.x1 gb.:AU067822 AF046684 Mus musculus clone OST40, genomic survey sequence. Genbank  
 MNCb-2386.x1 gb.:AU067823 G15609 human STS SHGC-17185. Genbank  
 MNCb-2451.x1 gb.:AU067824 AI059872 UI-R-C1-la-b-11-0-UI.s1 UI-R-C1 Rattus norvegicus cDNA clone UI-R-C1-la-b-11-0-UI 3', mRNA sequence. EST  
 MNCb-2457.x1 gb.:AU067825 AC002327 \*\*\* SEQUENCING IN PROGRESS \*\*\* Mus musculus chromosome 7, clone 19K5 HTGS phase 2, 3 ordered pieces. Genbank

b-2461.x1 gb.:AU067826 AA939585 vz51e10.r1 Soares 2NMT Mus musculus cDNA clone 1330026 5', mRNA sequence. EST  
b-2506.x1 gb.:AU067827 AI231306 EST272994 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone RENDI40 3' end, mRNA sequence. EST  
b-2521.x1 gb.:AU067828 AB002305 Human mRNA for KIAA0307 gene, complete cds. Genbank  
b-2532.x1 gb.:AU067829 EST  
b-2537.x1 gb.:AU067830 182509 ue2ig03.x1 Sugano mouse kidney mKia Mus musculus cDNA clone 1481044 3', mRNA sequence. EST  
b-2542.x1 gb.:AU067831 HS78203 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 78203 HTGS phase 1. Genbank  
b-2565.x1 gb.:AU067832 AC004022 Homo sapiens BAC clone GS155M11 from 7q21-q22, complete sequence. Genbank  
b-2571.x1 gb.:AU067833  
b-2581.x1 gb.:AU067834 RATMATRIN3 Rattus norvegicus matrin 3 mRNA, complete cds. Genbank

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b-1409 gb.:AU078775 AR007871 Homo sapiens KIAA0411 mRNA, complete cds  
b-1411 gb.:AU078776 RNAB9D1A R.norvegicus rab GDI alpha mRNA.  
b-1414 gb.:AU078777 MNA9951 Mus musculus lysosomal alpha-glucosidase mRNA, complete cds.  
b-1424 gb.:AU078778 HUR04 Human mRNA for HUR complete cds.  
b-1430 gb.:AU078779 AA72556 wu41c03.r1 Barstead mouse myotubes MPRB5 Mus musculus cDNA clone 1193956 5', mRNA sequence.  
b-1438 gb.:AU078780 MACTBR Mouse cytoskeletal mRNA for beta-actin.  
b-1443 gb.:AU078781 AJ1226732 ujl5006.y1 Sugano mouse kidney mKia Mus musculus cDNA clone IMAGE:1908082 5' similar to TR:Q64548 Q64548 RS-REX-B. mRNA sequence.  
b-1445 gb.:AU078782 RATPGAMM Rat phosphoglycerate mutase (PGAM-M) mRNA, complete cds.  
b-1455 gb.:AU078783 I77041 Sequence 17 from patent US 5693476.  
b-1460 gb.:AU078784 AA124637 mq7002.r1 Stratagene mouse melanoma (#937312) Mus musculus cDNA clone 584114 5', mRNA sequence.  
b-1465 gb.:AU078785 EST  
b-1469 gb.:AU078786 HSU63810 Homo sapiens ND40 protein C10a 1 mRNA, complete cds.  
b-1474 gb.:AU078787 EST  
b-1478 gb.:AU078788 EST  
b-1485 gb.:AU078789 AA223736 vr69e08.sl Knowles Solter mouse 2 cell Mus musculus cDNA clone 1125926 5', mRNA sequence.  
b-1489 gb.:AU078790 HSU60060 Human FEZ1 mRNA, complete cds.  
b-1491 gb.:AU078791 AJ1226594 ujl0003.y1 Sugano mouse kidney mKia Mus musculus cDNA clone IMAGE:1907621 5', mRNA sequence.  
b-1492 gb.:AU078792 RNCHIM R.norvegicus mRNA for n-chimoerin.  
b-1493 gb.:AU078793 EST  
b-1496 gb.:AU078794 EST  
b-1501 gb.:AU078795 D79996 Human mRNA for KIAA0174 gene, complete cds.  
b-1505 gb.:AU078796 AB011679 Rattus norvegicus mRNA for class I beta-tubulin, complete cds.  
b-1509 gb.:AU078797 EST  
b-1525 gb.:AU078798 AA25931 vb83c01.r1 Soares mouse 3NNE12 5 Mus musculus cDNA clone 763584 5', mRNA sequence.  
b-1532 gb.:AU078799 AA48521 nu96d12.r1 Soares mouse lymph node NDMLN Mus musculus cDNA clone 653399 5', mRNA sequence.  
b-1533 gb.:AU078800 MNU57311 Mus musculus 14-3-3 eta protein mRNA, complete cds.  
b-1544 gb.:AU078801 AU035775 Mus musculus cDNA, clone MNCb-0861, mRNA sequence. EST  
b-1547 gb.:AU078802 AA049436 mj37f07.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 478309 5', mRNA sequence.  
b-1548 gb.:AU078803 EST  
b-1550 gb.:AU078804 572537 zeb1n II [mice, C57BL/6J inbred, P20 cerebella, mRNA, 1587 nt].  
b-1551 gb.:AU078805 HLM5HAP25A Human nerve-terminal protein (isoform SNAP25A) mRNA, complete cds.  
b-1552 gb.:AU078806 AA09744 HS0809.r1 Soares mouse embryonic gland NMM6 Mus musculus cDNA clone 418504 5' similar to WP:T19A5.2 C07510 SERINE-THREONINE KINASE , mRNA sequence.  
b-1561 gb.:AU078807 RATSTANNIN Rattus norvegicus stannin mRNA.  
b-1562 gb.:AU078808 MUGSPK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene.  
b-1565 gb.:AU078809 RATCAMB Rat calmodulin mRNA, complete cds, clone prOM79.  
b-1569 gb.:AU078810 PIGUOMPMP Pig mRNA for UMP-CMP kinase, complete cds.  
b-1571 gb.:AU078811 RATMBP2A Rat myelin basic protein mRNA, complete cds.  
b-1586 gb.:AU078812 AF031903 Mus musculus ADP-ribosylation-like factor homolog ARL6 (Arl6) mRNA, complete cds.  
b-1605 gb.:AU078813 562333 phosphoglycerate mutase type B subunit [rats, liver, mRNA, 1670 nt].  
b-1613 gb.:AU078814 EST  
b-1614 gb.:AU078815 AA178746 nt19n03.r1 Soares mouse 2NMS Mus musculus cDNA clone 621485 5', mRNA sequence.  
b-1615 gb.:AU078816 AA0747R1 Mus musculus mRNA for 147 clone.  
b-1616 gb.:AU078817 HLM08R2 Human BDR-2 mRNA for hippocalpin, complete cds.  
b-1617 gb.:AU078818 EST  
b-1624 gb.:AU078819 AA98225 uc73g04.y1 Sugano mouse liver mlia Mus musculus cDNA clone 1431318 5', mRNA sequence.  
b-1636 gb.:AU078820 AF038537 Mus musculus NSP-like 1 (Nsp1) gene, alternatively spliced products, complete cds.  
b-1641 gb.:AU078821 AA396648 nr39d01.r1 Life Tech mouse embryo 15 5dpc 10667012 Mus musculus cDNA clone 598809 5', mRNA sequence.  
b-1645 gb.:AU078822 AA395620 EST176617 Colon carcinoma (Caco-2) cell line II Homo sapiens cDNA 5' end, mRNA sequence.  
b-1653 gb.:AU078823 MJCCLUST Mus musculus clusterin mRNA, complete cds.  
b-1663 gb.:AU078824 MNCATD Mus musculus mRNA for cathepsin D.  
b-1664 gb.:AU078825 MJSSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds.  
b-1665 gb.:AU078826 MSHS984A Mouse 84 kd heat shock protein mRNA, complete cds.  
b-1669 gb.:AU078827 AC004821 Homo sapiens clone D10098022 HTGS phase 1, 5 unordered pieces.  
b-1671 gb.:AU078828 RATSGPK Rattus norvegicus serum and glucocorticoid-regulated kinase (sgk) mRNA, complete cds.  
b-1672 gb.:AU078829 AA008240 mg77f01.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 439033 5' similar to WP:ZK430.2 CE05079 , mRNA sequence.  
b-1676 gb.:AU078830 EST  
b-1683 gb.:AU078831 565735 membrane glycoprotein M6-major CNS myelin protein PLP/DM20 homolog [clone M6a] [mice, brain, mRNA, 1272 nt].  
b-1703 gb.:AU078832 AA120124 nm23d12.r1 Beddington mouse embryonic region Mus musculus cDNA clone 538775 5', mRNA sequence.  
b-1705 gb.:AU078833 MUSHSPCA Mouse heat shock protein 70 cognate mRNA, complete cds  
b-1713 gb.:AU078834 AA389494 vt25d12.r1 Soares mouse lymph node NDMLN Mus musculus cDNA clone 749975 5', mRNA sequence.  
b-1714 gb.:AU078835 EST  
b-1716 gb.:AU078836 AC004228 \*\*\* SEQUENCING IN PROGRESS \*\*\* Homo sapiens Chromosome 11q12 pac pD1519a3 HTGS phase 1, 18 unordered pieces.  
b-1717 gb.:AU078837 AA306188 EST177162 Jurkat T-cells VJ Homo sapiens cDNA 5' end, mRNA sequence.  
b-1718 gb.:AU078838 HSA010842 Homo sapiens mRNA for putative ATP(GTP)-binding protein, partial.  
b-1723 gb.:AU078839 EST  
b-1727 gb.:AU078840 RAT230P4K Rattus norvegicus mRNA for 230kDa phosphatidylinositol 4-kinase, complete cds.  
b-1728 gb.:AU078841 MNU65313 Mus musculus ras-GTPase-activating protein SH3-domain binding protein (G3BP) mRNA, complete cds.  
b-1730 gb.:AU078842 AF065483 Homo sapiens sorting nexin 1 (SNX1) mRNA, complete cds.  
b-1731 gb.:AU078843 XLU16000 Xenopus laevis elav-type ribonucleoprotein (etr-1) mRNA, complete cds.  
b-1732 gb.:AU078844 MNU28326 Mus musculus cellular nucleic acid binding protein mRNA, complete cds.  
b-1734 gb.:AU078845 AA097459 vt29g01.r1 Soares mouse embryonic gland NMM6 Mus musculus cDNA clone 1617355 5', mRNA sequence.  
b-1736 gb.:AU078846 RNU78857 Rattus norvegicus calcium calmodulin dependent kinase CPG16 (cpg16) mRNA, complete cds.  
b-1740 gb.:AU078847 AA673807 vb02h12.r1 Barstead mouse myotubes MPRB5 Mus musculus cDNA clone 1065671 5', mRNA sequence.  
b-1743 gb.:AU078848 RNU78857 Rattus norvegicus calcium calmodulin dependent kinase CPG16 (cpg16) mRNA, complete cds.  
b-1744 gb.:AU078849 MNU53456 Mus musculus protein phosphatase 1gamma (PPIgamma) mRNA, complete cds.  
b-1745 gb.:AU078850 MNU27462 Mus musculus B54 peptide mRNA, complete cds.  
b-1746 gb.:AU078851 AA982487 uh08f10.r1 Soares mouse hypothalamus NMM5 Mus musculus cDNA clone 1617355 5', mRNA sequence.  
b-1747 gb.:AU078852 HSALEN Mouse mRNA for alpha-enolase (2-phospho-D-glycerate hydrolase) (EC 4.2.1.11). Genbank  
b-1748 gb.:AU078853 MNU5TUBA2H Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds.  
b-1750 gb.:AU078854 AA097459 vt29g01.r1 Soares mouse embryonic gland NMM6 Mus musculus cDNA clone 876912 5', mRNA sequence.  
b-1752 gb.:AU078855 AA158172 ms43d11.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 614325 5' similar to SW:SYTC\_HUMAN P26639 THREONYL-TRNA SYNTHETASE, CYTOPLASMIC , mRNA sequence.  
b-1756 gb.:AU078856 B34386 HS-10244-B1-F12-MR-0b1 CIT Human Genomic Sperm Library C Homo sapiens genomic clone PlateCT 803 Col-23 Row-L, genomic survey sequence.  
b-1766 gb.:AU078857 AA574820 vm31g04.r1 Knowles Solter mouse blastocyst B1 Mus musculus cDNA clone 991830 5', mRNA sequence.  
b-1767 gb.:AU078858 RATRAB10X Sprague-Dawley (clone LR8) RAB10 mRNA, complete cds.  
b-1770 gb.:AU078859 MMSOX2 M.musculus SOX2 gene.  
b-1771 gb.:AU078860 AC005033 Homo sapiens clone NH0140K04 HTGS phase 1, 4 unordered pieces.  
b-1774 gb.:AU078861 MJSNEDD4N Mus musculus mRNA, partial cds.  
b-1775 gb.:AU078862 E03344 cDNA sequence of peroxisome forming factor.  
b-1777 gb.:AU078863 MMS7906 Mus musculus Izw gene, exon D and alternatively spliced mRNA sequence.  
b-1785 gb.:AU078864 AF080561 Homo sapiens SYT interacting protein SIP mRNA, complete cds.  
b-1795 gb.:AU078865 BTVPAM32 Bos taurus mRNA for vacuolar proton-ATPase subunit M9.2, partial.  
b-1796 gb.:AU078866 R47976 MDB0360R Mouse brain, Stratagene Mus musculus cDNA 5'end, mRNA sequence.  
b-1796 gb.:AU078867 EST  
b-1804 gb.:AU078868 MUSATPSYX Mouse ATP synthase alpha subunit, complete cds.  
b-1811 gb.:AU078869 MNU84012 Mus musculus hippocampal amyloid precursor protein mRNA, complete cds.  
b-1812 gb.:AU078870 CRUTUBAB Chinese hamster alpha-tubulin II mRNA, complete cds.  
b-1814 gb.:AU078871 RATSGPK Rattus norvegicus serum and glucocorticoid-regulated kinase (sgk) mRNA, complete cds.  
b-1816 gb.:AU078872 EST  
b-1818 gb.:AU078873 RATKAGE2 Rat mRNA for dihydropyridine succinyltransferase.  
b-1822 gb.:AU078874 HSST20 H.sapiens mRNA for Ste20-like kinase.  
b-1824 gb.:AU078875 HSU46H11 Human DNA sequence from cosmid U46H11, between markers DXS366 and DXS67 on chromosome X.  
b-1830 gb.:AU078876 AF064635 Mus musculus putative steroid dehydrogenase (KIK-I) mRNA, complete cds.  
b-1831 gb.:AU078877 HS316G12 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 316612 HTGS phase 1.  
b-1835 gb.:AU078878 RNU27191 Rattus norvegicus protein kinase C, zeta subspecies (psi-PKC-2) pseudogene mRNA, partial cds.  
b-1836 gb.:AU078879 HSU9083 Human DNA sequence from cosmid U9083, on chromosome Xp11, contains ESTs.  
b-1837 gb.:AU078880 MNU20326 Mus musculus cellular nucleic acid binding protein mRNA, complete cds.  
b-1838 gb.:AU078881 HSU60060 Human FEZ1 mRNA, complete cds.  
b-1840 gb.:AU078882 MNU5CMA Mouse 2',3'-cyclic-nucleotide 3'-phosphodiesterase cDNA.  
b-1841 gb.:AU078883 EST  
b-1843 gb.:AU078884 RNU50842 Rattus norvegicus ubiquitin ligase (Nedd4) protein mRNA, partial cds.  
b-1844 gb.:AU078885 MNU73744 Mus musculus heat shock 70 protein (Hsc70) gene, complete cds.  
b-1845 gb.:AU078886 RATPILP Rat mRNA for polyubiquitin (ten completely repetitive ubiquitins in tandem and one ubiquitin-like protein), complete cds.  
b-1846 gb.:AU078887 AA498069 vt75c02.r1 Stratagene mouse testis (#937308) Mus musculus cDNA clone 918050 5', mRNA sequence.  
b-1847 gb.:AU078888 MNU53455 Mus musculus chloride ion current inducer protein (CLIC1) mRNA, partial cds.  
b-1848 gb.:AU078889 CRUTUBAB Chinese hamster alpha-tubulin II mRNA, complete cds.  
b-1855 gb.:AU078890 S36200 saposin  
b-1856 gb.:AU078891 EST  
b-1859 gb.:AU078892 AA19954 vf54a12.r1 Soares mouse MbM Mus musculus cDNA clone 847582 5', mRNA sequence.  
b-1860 gb.:AU078893 AB004315 Mus musculus mRNA for RG54, complete cds.  
b-1869 gb.:AU078894 MUSCTS8 Mouse cathepsin B proteinase mRNA, complete cds.  
b-1871 gb.:AU078895 562333 phosphoglycerate mutase type B subunit [rats, liver, mRNA, 1670 nt].  
b-1872 gb.:AU078896 I34435 Sequence 61 from patent US 5597725.  
b-1881 gb.:AU078897 MUGSPK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene.  
b-1884 gb.:AU078898 MSHS984A Mouse 84 kd heat shock protein mRNA, complete cds.  
b-1885 gb.:AU078899 HMA048X Human voltage-gated sodium channel mRNA, complete cds.  
b-1886 gb.:AU078900 AF031880 Rattus norvegicus light molecular-weight neurofilament (NF-L) mRNA, complete cds.  
b-1912 gb.:AU078901 RNU40790 Rattus norvegicus vascular protein tyrosine phosphatase-1 rDEP-1 mRNA, complete cds.  
b-1991 gb.:AU078902 EST  
b-1996 gb.:AU078903 RNRP214P R.norvegicus mRNA for transmembrane protein rnp21.4. Genbank  
b-2009 gb.:AU078904 T18977 g07030T Testis 1 Homo sapiens cDNA clone g07030 5' end, mRNA sequence.  
b-2012 gb.:AU078905 MNU61751 Mus musculus vesicle-associated membrane protein VAMP-1 mRNA, complete cds.  
b-2014 gb.:AU078906 EST  
b-2018 gb.:AU078907 EST  
b-2023 gb.:AU078908 AA672146 vk88d03.sl Knowles Solter mouse 2 cell Mus musculus cDNA clone 961733 5', mRNA sequence.

MNCh-2039 gb.:AU078999 RATTINLNB Rat insulin light chain B mRNA. Genbank  
 MNCh-2040 gb.:AU078910 AA116470 mp9618.r1 Soares ZNMT Mus musculus cDNA clone 577098 5' similar to TR:G285961 G285961 mRNA , mRNA sequence.  
 MNCh-2041 gb.:AU078911 H30621 y07712.r1 Homo sapiens cDNA clone 183959 5'. EST  
 MNCh-2043 gb.:AU078912 MPPDE1A Mus musculus cyclic nucleotide phosphodiesterase (PDE1A2) mRNA, complete cds.  
 MNCh-2045 gb.:AU078913 EST  
 MNCh-2047 gb.:AU078914 MJSFERH Mouse ferritin heavy chain (MFH) mRNA, complete cds. Genbank  
 MNCh-2054 gb.:AU078915 HSAC000099 Cosmid g0771a003, complete sequence. Genbank  
 MNCh-2055 gb.:AU078916 EST  
 MNCh-2057 gb.:AU078917 MUSERG9 Mouse mRNA for squalene synthase. Genbank  
 MNCh-2058 gb.:AU078918 RATHBP2A Rat myelin basic protein mRNA, complete cds. Genbank  
 MNCh-2060 gb.:AU078919 AA709850 vml2h11.r1 Soares ZNMT Mus musculus cDNA clone 1243653 5', mRNA sequence.  
 MNCh-2069 gb.:AU078920 EST  
 MNCh-2072 gb.:AU078921 B95153 CIT-HSP-2172F18.TF CIT-HSP Homo sapiens genomic clone 2172F18, genomic survey sequence.  
 MNCh-2075 gb.:AU078922 HUMADPRF3A Human ADP-ribosylation factor 3 mRNA, complete cds. Genbank  
 MNCh-2076 gb.:AU078923 G11986 Human STS DYF4751. Genbank  
 MNCh-2077 gb.:AU078924 MUSPGK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene. Genbank  
 MNCh-2083 gb.:AU078925 RNCA1R326 R.norvegicus mRNA for cerebellar A1 receptor 326 AS. Genbank  
 MNCh-2086 gb.:AU078926 AA316131 EST187852 Colon carcinoma (HCC) cell line II Homo sapiens cDNA 5' end, mRNA sequence.  
 MNCh-2091 gb.:AU078927 AA076155 zn90c01.r1 Stratagene ovarian cancer (#937219) Homo sapiens cDNA clone 545184 5' similar to MP:R0763.8 CE02027 , mRNA sequence.  
 MNCh-2163 gb.:AU078928 MUSUB82M Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds.  
 MNCh-2170 gb.:AU078929 MHL15942 C mouse musculus vacuolar adenosine triphosphatase subunit c gene, complete cds.  
 MNCh-2171 gb.:AU078930 WSALEN Mouse mRNA for alpha-enolase (2-phospho-D-glycerate hydrolase) (EC 4.2.1.11). Genbank  
 MNCh-2181 gb.:AU078931 AA877893 nr07421.1 NCI\_LGAP\_C010 Homo sapiens cDNA clone IMAGE:1165143 3' similar to gb:U328491.SIL285RNA Silurana tropicalis 28S ribosomal RNA, (rRNA)", mRNA sequence.  
 MNCh-2253 gb.:AU078932 HUMGTUB Human gamma-tubulin mRNA, complete cds. Genbank  
 MNCh-2257 gb.:AU078933 EST  
 MNCh-2266 gb.:AU078934 CRUTUBAB Chinese hamster alpha-tubulin II mRNA, complete cds. Genbank  
 MNCh-2282 gb.:AU078935 MMJ65313 Mus musculus ras-GTPase-activating protein SH3-domain binding protein (G3BP) mRNA, complete cds.  
 MNCh-2311 gb.:AU078936 RNJ78857 Rattus norvegicus calcium calmodulin dependent kinase CPG16 (cp16) mRNA, complete cds.  
 MNCh-2318 gb.:AU078937 AA497559 vhz2901.r1 Soares mouse mammary gland NMMMG Mus musculus cDNA clone 876912 5', mRNA sequence.  
 MNCh-2333 gb.:AU078938 MMJ09192 Mus musculus thymic shared antigen-1 mRNA, complete cds.  
 MNCh-2334 gb.:AU078939 MHL15942 Mus musculus clone OST2463, genomic survey sequence. Genbank  
 MNCh-2383 gb.:AU078948 MMDN38RNA M.musculus mRNA for clone DN38. Genbank  
 MNCh-2391 gb.:AU078941 HSU9083 Human DNA sequence from cosmid U9083, on chromosome Xp11, contains ESTs.  
 MNCh-2392 gb.:AU078942 MCMAMK2 M.musculus Camk-2 mRNA for Ca2+/calmodulin dependent protein kinase II beta subunit. Genbank  
 MNCh-2394 gb.:AU078943 MUSH5PCA Mouse heat shock protein 70 cognate mRNA, complete cds. Genbank  
 MNCh-2395 gb.:AU078944 RNJ50842 Rattus norvegicus ubiquitin ligase (Med4) protein mRNA, partial cds.  
 MNCh-2396 gb.:AU078945 HSMGLU7 H.sapiens mRNA for metabotropic glutamate receptor type 7, 7b mRNA sequence.  
 MNCh-2404 gb.:AU078946 W40207 zc83007.r1 Pancreatic Islet Homo sapiens cDNA clone 328884 5', Genbank  
 MNCh-2510 gb.:AU078947 MMRAB7 M.musculus mRNA for Rab7 protein. Genbank  
 MNCh-2522 gb.:AU078948 MUSH5PCA Mouse heat shock protein 70 cognate mRNA complete cds. Genbank  
 MNCh-2529 gb.:AU078949 MUSCALMOB Mouse calmodulin clone 13 mRNA, complete cds. Genbank  
 MNCh-2548 gb.:AU078950 AI070489 UI-R-C2-mq-h-10-0-UI.s1 UI-R-C2 Rattus norvegicus cDNA clone UI-R-C2-mq-h-10-0-UI 3', mRNA sequence.  
 MNCh-2554 gb.:AU078951 RNJ39549 Rattus norvegicus synaptogyrin mRNA, complete cds. Genbank  
 MNCh-2576 gb.:AU078952 AA028306 ml20f06.r1 Soares mouse p3NMF19.5 Mus musculus cDNA clone 464099 5', mRNA sequence.  
 MNCh-2578 gb.:AU078953 AF077858 Mus musculus splicing factor SC35 mRNA, complete cds.  
 MNCh-2613 gb.:AU078954 EST  
 MNCh-2649 gb.:AU078955 D87973 Mus musculus Impact mRNA, complete cds. Genbank  
 MNCh-2672 gb.:AU078956 AI070489 UI-R-C2-mq-h-10-0-UI.s1 UI-R-C2 Rattus norvegicus cDNA clone UI-R-C2-mq-h-10-0-UI 3', mRNA sequence.  
 MNCh-2693 gb.:AU078957 MME161RNA M.musculus mRNA for clone E161. Genbank  
 MNCh-2773 gb.:AU078958 EST  
 MNCh-2774 gb.:AU078959 MMJ37720 Mus musculus CDC42 mRNA, complete cds. Genbank  
 MNCh-2796 gb.:AU078960 AA984504 am87f08.s1 Stratagene schizo brain S11 Homo sapiens cDNA clone IMAGE:1630119 3' similar to WP:R04E5.6 CE04798 , mRNA sequence.  
 MNCh-2821 gb.:AU078961 AU035196 Mus musculus cDNA, clone MNCh-0183, mRNA sequence. EST  
 MNCh-2833 gb.:AU078962 AA727139 vu84c04.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 1198086 5', mRNA sequence. EST  
 MNCh-2844 gb.:AU078963 AC005096 Homo sapiens clone RG339C12 HTGS phase 1, 10 unordered pieces.  
 MNCh-2845 gb.:AU078964 AA154411 ms62g08.r1 Stratagene mouse embryonic carcinoma (#937317) Mus musculus cDNA clone 616190 5', mRNA sequence.  
 MNCh-2861 gb.:AU078965 MMJ28917 Mus musculus 60S ribosomal protein (A52) mRNA, complete cds.  
 MNCh-2992 gb.:AU078966 MMJ46934 Mus musculus phosphatidylinositol transfer protein beta isoform mRNA, complete cds.  
 MNCh-3008 gb.:AU078967 AC005093 Homo sapiens clone DJ400N23 HTGS phase 1, 10 unordered pieces.  
 MNCh-3014 gb.:AU078968 CELC3205 Caenorhabditis elegans cosmid C3205. Genbank  
 MNCh-3020 gb.:AU078969 EST  
 MNCh-3031 gb.:AU078970 SSU72973 Sus scrofa calcium/calmodulin-dependent protein kinase II isoform gamma-G mRNA, complete cds.  
 MNCh-3113 gb.:AU078971 AA518999 v109c11.r1 Barstead mouse myotubes MPLR85 Mus musculus cDNA clone 903284 5', mRNA sequence.  
 MNCh-3172 gb.:AU078972 MLE143315 M.musculus epsilon 14-3-3 isoform mRNA. Genbank  
 MNCh-3183 gb.:AU078973 RL7978 vgl6e08.r1 Homo sapiens cDNA clone 32181 5' similar to SP:A60021 A60021 TROPOMYOSIN-RELATED PROTEIN, NEURONAL - .  
 MNCh-3191 gb.:AU078974 MPP68 Mouse mRNA for p68 protein of the lipocortin family. Genbank  
 MNCh-3219 gb.:AU078975 RNJ95011 Rattus norvegicus brain-specific organic anion transporter mRNA, complete cds.  
 MNCh-3247 gb.:AU078976 EST  
 MNCh-3248 gb.:AU078977 D87453 Human mRNA for KIAA0264 gene, partial cds. Genbank  
 MNCh-3249 gb.:AU078978 HSU93036 Human PEG3 mRNA, partial cds. Genbank  
 MNCh-3243 gb.:AU078979 HSU09367 Human zinc finger protein ZNF136. Genbank  
 MNCh-3242 gb.:AU078980 RATG7PROTE Rattus norvegicus G protein gamma subunit (gamma7 subunit) mRNA, complete cds.  
 MNCh-3246 gb.:AU078981 MMJ76112 Mus musculus translation repressor NAT1 mRNA, complete cds.  
 MNCh-3247 gb.:AU078982 MJSSEERS M.musculus seryl-tRNA synthetase (SERS) mRNA, 5' end. Genbank  
 MNCh-3248 gb.:AU078983 AA107405 mp05c02.r1 Life Tech mouse embryo 8 5dpc 10664019 Mus musculus cDNA clone 568322 5', mRNA sequence.  
 MNCh-3249 gb.:AU078984 AI230407 EST127102 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone REMCW18 3' end, mRNA sequence.  
 MNCh-3256 gb.:AU078985 EST  
 MNCh-3261 gb.:AU078986 GGU28242 Gallus gallus collapsin-4 mRNA, partial cds. Genbank  
 MNCh-3262 gb.:AU078987 RATHBP2A Rat myelin basic protein mRNA, complete cds. Genbank  
 MNCh-3264 gb.:AU078988 HSU12282 Human histone H3 lysine methyltransferase (TPTF) mRNA, complete cds.  
 MNCh-3265 gb.:AU078989 MSLAMP2 Mouse lysosomal membrane glycoprotein (LAMP-2) mRNA, complete cds.  
 MNCh-3267 gb.:AU078990 MWCATD Mouse mRNA for cathepsin D (EC 3.4.23.5). Genbank  
 MNCh-3270 gb.:AU078991 AI157900 ue57g09.r1 Soares mouse mammary gland NMLMG Mus musculus cDNA clone 1495264 5' similar to TR:O15080 O15080 KIAA0375. , mRNA sequence.  
 MNCh-3273 gb.:AU078992 RNVIPR Rat mRNA for vasoactive intestinal polypeptide (VIP) precursor. Genbank  
 MNCh-3275 gb.:AU078993 HSUS0888 Human Hs-cal-2 mRNA, partial cds. Genbank  
 MNCh-3276 gb.:AU078994 MMJ44940 Mus musculus quaking type I (QKI) mRNA, complete cds. Genbank  
 MNCh-3278 gb.:AU078995 RNCHIM R.norvegicus mRNA for n-chimoerin. Genbank  
 MNCh-3279 gb.:AU078996 AC004155 Mus musculus DNA from BAC 10818 containing the Ercc-4 gene, complete sequence.  
 MNCh-3282 gb.:AU078997 AI118466 ue59f10.y1 Sugamo mouse emb go memo Mus musculus cDNA clone 1492275 5' similar to SW:NHPA\_YEAST P11632 NONHISTONE CHROMOSOMAL PROTEIN 6A. , mRNA sequence.  
 MNCh-3283 gb.:AU078998 HSL52961 Human scirelyl CoA3-oxoacid CoA transferase precursor (OXCT) mRNA, complete cds.  
 MNCh-3288 gb.:AU078999 HS44131 Human DNA sequence from clone 44131 on chromosome 6p24. Contains STS, GSS, complete sequence.  
 MNCh-3289 gb.:AU079000 MMJ60593 Mus musculus cytoplasmic protein Ndr1 (Ndr1) mRNA, complete cds.  
 MNCh-3292 gb.:AU079001 MMJ81317 Mus musculus myelin-associated/oligodendrocyte basic protein (Mabp) mRNA, complete cds.  
 MNCh-3293 gb.:AU079002 D25221 Rattus norvegicus mRNA for selenoprotein P, complete cds.  
 MNCh-3333 gb.:AU079003 EST226296 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone REMCJ19 3' end, mRNA sequence.  
 MNCh-3614 gb.:AU079004 MUSPGK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene. Genbank  
 MNCh-3702 gb.:AU079005 RNNSFKAKN R.norvegicus mRNA for SHF-related kinase. Genbank  
 MNCh-3703 gb.:AU079006 AF087474 Rattus norvegicus M687 mRNA, complete cds.  
 MNCh-3704 gb.:AU079007 OCU34847 Drosophila cuticular translocan associated protein alpha mRNA, complete cds.  
 MNCh-3705 gb.:AU079008 AA562250 v134b11.r1 Stratagene mouse skin (#937313) Mus musculus cDNA clone 974109 5', mRNA sequence.  
 MNCh-3706 gb.:AU079009 HSU46074 Homo sapiens myotubularin (MTM1) mRNA, complete cds. Genbank  
 MNCh-3708 gb.:AU079010 RATHPILP Rat mRNA for polyubiquitin (ten completely repetitive ubiquitins in tandem and one ubiquitin-like protein), complete cds.  
 MNCh-3710 gb.:AU079011 WSALEN Mouse mRNA for alpha-enolase (2-phospho-D-glycerate hydrolase) (EC 4.2.1.11). Genbank  
 MNCh-3711 gb.:AU079012 AA243100 zr25b11.r1 Stratagene NT2 neuronal precursor 937230 Homo sapiens cDNA clone 664413 5' similar to TR:G189397 G189397 HYPOTHETICAL 33.4 KO PROTEIN. , mRNA sequence.  
 MNCh-3712 gb.:AU079013 S65738 actin depolymerizing factor [human, fetal brain, mRNA, 1452 nt].  
 MNCh-3713 gb.:AU079014 RNKRAGDIA R.norvegicus rob GDI alpha mRNA. Genbank  
 MNCh-3715 gb.:AU079015 D0G65A Canine GTP-binding regulatory protein alpha subunit, exon 1'.  
 MNCh-3716 gb.:AU079016 AA666096 ua03h11.r1 Soares mouse mammary gland NMMMG Mus musculus cDNA clone 1349061 5', mRNA sequence.  
 MNCh-3718 gb.:AU079017 AA657071 v823b08.r1 Barstead mouse myotubes MPLR85 Mus musculus cDNA clone 1139031 5', mRNA sequence.  
 MNCh-3721 gb.:AU079018 AI172933 uc11f08.r1 Soares mouse mammary gland NMMMG Mus musculus cDNA clone 1397703 5', mRNA sequence.  
 MNCh-3724 gb.:AU079019 HSU40215 Human synapsin IIB mRNA, complete cds. Genbank  
 MNCh-3725 gb.:AU079020 T09140 EST07033 Homo sapiens cDNA clone HIBBP57 5' end. EST  
 MNCh-3726 gb.:AU079021 RATAIRC2 Rat ATRC mRNA for ATR carboxylase-SAICAR synthetase, complete cds.  
 MNCh-3727 gb.:AU079022 RNTUB815 Rat mRNA for beta-tubulin T beta1S. Genbank  
 MNCh-3729 gb.:AU079023 EST  
 MNCh-3730 gb.:AU079024 RNDRI42 R.norvegicus mRNA for ER transmembrane protein. Genbank  
 MNCh-3731 gb.:AU079025 MMJ59761 Mus musculus RNA, K<sub>a</sub>-ATPase beta 3 subunit (ATP1B3) mRNA, complete cds.  
 MNCh-3732 gb.:AU079026 MUSH5PCA Mouse heat shock protein 70 cognate mRNA, complete cds. Genbank  
 MNCh-3734 gb.:AU079027 AA054608 zk83f06.r1 Soares pregnant uterus NHPHU Homo sapiens cDNA clone 489443 5' similar to SW:MZOM\_BOVIN P22292 MITOCHONDRIAL 2-OXOGLUTARATE/MALATE CARRIER PROTEIN , mRNA sequenc  
 MNCh-3736 gb.:AU079028 MUSH5PCA Mouse heat shock protein 70 cognate mRNA, complete cds. Genbank  
 MNCh-3739 gb.:AU079029 HSU18543 Human zinc-finger protein mRNA, complete cds. Genbank  
 MNCh-3740 gb.:AU079030 MANBCPAS Syrian golden hamster mRNA for nucleotide-binding coupling protein alpha subunit. Genbank  
 MNCh-3741 gb.:AU079031 MJSCLUST Mus musculus clusterin mRNA, complete cds. Genbank  
 MNCh-3742 gb.:AU079032 HSU23946 Human putative tumor suppressor (LUC1A15) mRNA, complete cds.  
 MNCh-3744 gb.:AU079033 MMSDDPOT M.musculus mRNA for sodium/potassium ATPase beta subunit. Genbank  
 MNCh-3745 gb.:AU079034 AI117095 ms65f08.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 614631 5', mRNA sequence.  
 MNCh-3746 gb.:AU079035 D86976 Human mRNA for KIAA0223 gene, partial cds. Genbank  
 MNCh-3748 gb.:AU079036 SE3233 phosphoglycerate mutase type B subunit [rats, liver, mRNA, 1670 nt].  
 MNCh-3749 gb.:AU079037 AC003102 \*\*\* SEQUENCING IN PROGRESS \*\*\* Homo sapiens chromosome 17, clone HRPC.88Z.C.21 HTGS phase 1, 3 unordered pieces.  
 MNCh-3750 gb.:AU079038 AQ124291 HS\_3126\_A2\_D11\_T7 CIT Approved Human Genomic Sperm Library D Homo sapiens cDNA clone Plate-3126 Col-22 Row-G, genomic survey sequence.  
 MNCh-3752 gb.:AU079039 MUSHBP72M Mouse myelin basic protein mRNA, complete cds, clone NK-M72.  
 MNCh-3756 gb.:AU079040 AF081788 Homo sapiens putative spliceosome associated protein mRNA, complete cds.  
 MNCh-3757 gb.:AU079041 AA085923 z196e12.r1 Stratagene corneal stroma (#937222) Homo sapiens cDNA clone 512494 5', mRNA sequence.  
 MNCh-3758 gb.:AU079042 HS425C14 Human DNA sequence from clone 425C14 on chromosome 6q22. Contains the HSF2 gene for Heat Shock Factor 2 (Heat Shock Transcription Factor 2, HSF2) and an unknown gene simila  
 MNCh-3759 gb.:AU079043 H926156 Human RNA binding protein Etr-3 mRNA, complete cds. Genbank  
 MNCh-3760 gb.:AU079044 AA266963 mz66h09.r1 Soares mouse lymph node HMLM Mus musculus cDNA clone 718433 5', mRNA sequence.  
 MNCh-3762 gb.:AU079045 D25221 Rattus norvegicus mRNA for selenoprotein P, complete cds.  
 MNCh-3763 gb.:AU079046 EST  
 MNCh-3764 gb.:AU079047 MUSHSP86B Mouse heat-shock protein hsp86 mRNA. Genbank  
 MNCh-3765 gb.:AU079048 MUSHBP72M Mouse myelin basic protein mRNA, complete cds, clone NK-M72.  
 MNCh-3766 gb.:AU079049 AU035697 Mus musculus cDNA, clone MNCh-0765, mRNA sequence. EST  
 MNCh-3768 gb.:AU079050 RATHBP2A Rat myelin basic protein mRNA, complete cds. Genbank  
 MNCh-3769 gb.:AU079051 RNLADEH1 Rat mRNA for lactate dehydrogenase. Genbank  
 MNCh-3770 gb.:AU079052 EST  
 MNCh-3771 gb.:AU079053 AF046583 Mus musculus clone OST8180, genomic survey sequence. Genbank

3773 gb.:AU079054 MISTAPP3A Mouse retrovirus-like repetitive intracisternal type A particle element mRNA, clone p3A67.  
3774 gb.:AU079055 AF879221 Homo sapiens BCL2/adenovirus E18 19kDa-interacting protein 3a mRNA, complete cds.  
3775 gb.:AU079056 MISPPIA Mouse 19 kDa protein gene, complete cds, clone D4S234E. Genbank  
3776 gb.:AU079057 HS456N24 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 465N24 HTGS phase 1.  
3777 gb.:AU079058 HAMPSCR Human pyrroline 5-carboxylate reductase mRNA, complete cds.  
3782 gb.:AU079059 AAG15642 vt1e10.r1 Barstead mouse myotubes MPLRBS Mus musculus cDNA clone 1064586 5' similar to SW:DPSD\_CRIGR P27465 PHOSPHATIDYL SERINE DECARBOXYLASE PROENZYME , mRNA sequence.  
3784 gb.:AU079060 RNPKPIT Rat mRNA for pituitary pyruvate kinase. Genbank  
3786 gb.:AU079061 EST  
3787 gb.:AU079062 MJSAG Mouse agracronin mRNA, complete cds. Genbank  
3790 gb.:AU079063 W14726 mb29e06.r1 Swiss mouse p3MNF19.5 Mus musculus cDNA clone 330850 5', mRNA sequence.  
3791 gb.:AU079064 AB804305 Mus musculus mRNA for mBLVR, complete cds. Genbank  
3792 gb.:AU079065 EST  
3793 gb.:AU079066 AAS76409 rnm3b07.s1 NCI\_CGAP\_Br3 Homo sapiens cDNA clone IMAGE:1072885, mRNA sequence.  
3794 gb.:AU079067 AI021648 ub13h12.r1 Soares mouse mammary gland NMMMG Mus musculus cDNA clone 1366919 5', mRNA sequence.  
3795 gb.:AU079068 MITOMM Mouse mitochondrial genome. Genbank  
3796 gb.:AU079069 MUSHSPCA Mouse heat shock protein 70 cognate mRNA, complete cds. Genbank  
3801 gb.:AU079070 B0VPS7A Bovine p57 mRNA for actin binding protein p57, complete cds.  
3802 gb.:AU079071 G06660 Human STS WI-7705. Genbank  
3804 gb.:AU079072 D38585 Homo sapiens mRNA for TSC-22, complete cds. Genbank  
3806 gb.:AU079073 AF058797 Mus musculus 14-3-3 protein beta mRNA, complete cds. Genbank  
3807 gb.:AU079074 H29349 ym32c02.r1 Homo sapiens cDNA clone 49839 5' similar to SP:KYES\_XIPHE P27447 PROTO-ONCOGENE TYROSINE-PROTEIN KINASE YES .  
3808 gb.:AU079075 RNLADFH1 Rat mRNA for lactate dehydrogenase. Genbank  
3809 gb.:AU079076 E12625 cDNA encoding a rat novel protein which is expressed with nerve injury. Genbank  
3811 gb.:AU079077 MJSBCLSA Mus musculus alpha-clustrin and beta-clustrin mRNA, complete cds.  
3812 gb.:AU079078 EST  
3814 gb.:AU079079 AA71160 vt18d04.r1 Barstead mouse myotubes MPLRBS Mus musculus cDNA clone 1163431 5' similar to SW:YBE9\_YEAST P38191 HYPOTHETICAL 16.1 KD PROTEIN IN SEC17-QCR1 INTERGENIC REGION. ,  
3815 gb.:AU079080 MJSHP86A Mouse heat shock protein 86 mRNA, complete cds, and 28S ribosomal RNA, partial sequence.  
3816 gb.:AU079081 EST  
3818 gb.:AU079082 H1130LEU Human leucine-rich protein mRNA, complete cds. Genbank  
3820 gb.:AU079083 AA52498 zx3307.r1 Soares total fetus Ndzf8r 9w Homo sapiens cDNA clone 788244 5', mRNA sequence.  
3821 gb.:AU079084 AB002330 Human mRNA for KIAA0332 gene, partial cds. Genbank  
3822 gb.:AU079085 EST  
3823 gb.:AU079086 D63850 Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c. Genbank  
3824 gb.:AU079087 MJSBALBCA Mouse P1MT mRNA. Genbank  
3825 gb.:AU079088 MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds. Genbank  
3826 gb.:AU079089 MISTUBA2H Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds.  
3827 gb.:AU079090 MUSEH2ATP Mouse RNA helicase and RNA-dependent ATPase from the DEAD box family mRNA, complete cds.  
3828 gb.:AU079091 AF19367 Rattus norvegicus gamma Z1 mRNA, complete cds. Genbank  
3829 gb.:AU079092 MISTUBA2H Mouse alpha-tubulin isotype M-alpha-2 mRNA, complete cds.  
3830 gb.:AU079093 AF064801 Homo sapiens multiple membrane spanning receptor TRCB (TRCB) mRNA, complete cds.  
3832 gb.:AU079094 AI19664 uf05h11.y1 Sugano mouse liver mlia Mus musculus cDNA clone 1499781 5' similar to WP:T01B1.2 C112894 AMINOTRANSFERASE , mRNA sequence.  
3833 gb.:AU079095 PERLLPMS5X Deer mouse (L1Pm5S) gene. Genbank  
3834 gb.:AU079096 G38711 SHGC-64133 Human Homo sapiens STS genomic sequence tagged site.  
3835 gb.:AU079097 W66841 mF95d10.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 422035 5', mRNA sequence.  
3836 gb.:AU079098 MJSPEGK1P52 Mus musculus phosphoglycerate kinase (Pgk1-ps2) processed pseudogene. Genbank  
3837 gb.:AU079099 AF035387 Rattus norvegicus C7-1 protein (C7-1) mRNA, complete cds.  
3838 gb.:AU079100 AA19375 mqc2c02.r1 Soares ZHMWT Mus musculus cDNA clone 577538 5', mRNA sequence.  
3840 gb.:AU079101 AI157502 ue56f06.r1 Soares mouse mammary gland NMLMG Mus musculus cDNA clone 1495139 5', mRNA sequence.  
3842 gb.:AU079102 HS16158 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 61688 HTGS phase 1.  
3843 gb.:AU079103 HS782G3 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 782G3 HTGS phase 1.  
3844 gb.:AU079104 MNCG88 Mouse CgB mRNA for chromogranin B (secretogranin I). Genbank  
3845 gb.:AU079105 AF031568 Mus musculus heterogeneous nuclear ribonucleoprotein G (Hnrnpg) mRNA, complete cds.  
3846 gb.:AU079106 MUSCLUST Mus musculus clusterin mRNA, complete cds. Genbank  
3848 gb.:AU079107 AA822818 vnc3e06.r1 Soares mouse mammary gland NMMMG Mus musculus cDNA clone 1245826 5', mRNA sequence.  
3849 gb.:AU079108 D25221 Rattus norvegicus mRNA for selenoprotein P, complete cds.  
3850 gb.:AU079109 MAU13152 Mesocricetus auratus guanine nucleotide-binding protein beta 5 (Gnb5) mRNA, complete cds.  
3851 gb.:AU079110 EST  
3852 gb.:AU079111 MNU00446 Mus musculus RNase L inhibitor (Mu-RLI) mRNA, complete cds.  
3853 gb.:AU079112 EST  
3854 gb.:AU079113 EST  
3855 gb.:AU079114 I34435 Sequence 61 from patent US 5597725. Genbank  
3856 gb.:AU079115 AA163723 nr22d10.r1 Soares mouse 3NMS5 Mus musculus cDNA clone 598195 5', mRNA sequence.  
3857 gb.:AU079116 AA182490 zp55h03.r1 Stratagene NT2 neuronal precursor 937230 Homo sapiens cDNA clone 613397 5', mRNA sequence.  
3858 gb.:AU079117 MNTIMP2 M.musculus TIMP-2 mRNA for tissue inhibitor of metalloproteinases, Type 2.  
3859 gb.:AU079118 AB012227 Homo sapiens mRNA for DOS1beta protein, complete cds.  
3860 gb.:AU079119 HS316G12 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 316G12 HTGS phase 1.  
3861 gb.:AU079120 AC004200 SEQUENCING IN PROGRESS \*\*\* D50142 D148 Drosophila melanogaster Chromosome 2R Region 43C1-43D1 library location 12-86 HTGS phase 1, 1 unordered pieces.  
3862 gb.:AU079121 HS16152 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 16 BAC clone C17987SK-381E11 complete sequence. Genbank  
3863 gb.:AU079122 AF033655 Mus musculus Pftaire-1 mRNA, complete cds.  
3864 gb.:AU079123 AF005654 Homo sapiens actin-binding double-zinc-finger protein (abLIM) mRNA, complete cds.  
3865 gb.:AU079124 AB008551 Rattus norvegicus mRNA for beta-spectrin III, complete cds.  
3866 gb.:AU079125 AQ247672 HS\_206L\_AZ\_C04\_MRC CIT Approved Human Genomic Sperm Library D Homo sapiens genomic clone Plate-2061 Col-8 Row-E, genomic survey sequence.  
3867 gb.:AU079126 HUMPDK1GEN Homo sapiens polycystic kidney disease-associated protein (PKD1) gene, complete cds. Genbank  
3868 gb.:AU079127 CGU41899 Cricetinae gen. sp. insulin receptor tyrosine kinase 53 kDa substrate mRNA, complete cds.  
3869 gb.:AU079128 H29349 ym32c02.r1 Homo sapiens cDNA clone 49839 5' similar to SP:KYES\_XIPHE P27447 PROTO-ONCOGENE TYROSINE-PROTEIN KINASE YES .  
3870 gb.:AU079129 D63850 Mus musculus mRNA for hepatoma-derived growth factor, complete cds, strain:BALB/c.  
3871 gb.:AU079130 MMR04C Mus musculus mRNA for origin recognition complex subunit 4. Genbank  
3872 gb.:AU079131 EST  
3873 gb.:AU079132 HS126A5 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 126A5 HTGS phase 1.  
3874 gb.:AU079133 MNU27340 Mus musculus sulfated glycoprotein (Sgp1) mRNA, complete cds.  
3875 gb.:AU079134 RATHBP2A Rat myelin basic protein mRNA, complete cds. Genbank  
3876 gb.:AU079135 AA166264 ms49f10.r1 Life Tech mouse embryo 13 5dpc 10666014 Mus musculus cDNA clone 614923 5', mRNA sequence.  
3877 gb.:AU079136 HS316G12 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 316G12 HTGS phase 1.  
3878 gb.:AU079137 AC000400 Genomic sequence from Mouse 11, complete sequence. Genbank  
3879 gb.:AU079138 MNU12204 Mus musculus phosphoprotein phosphatase mRNA, partial cds.  
3880 gb.:AU079139 HSAC002099 \*\*\* SEQUENCING IN PROGRESS \*\*\* Genomic sequence from Human 9q34 HTGS phase 1, 2 unordered pieces.  
3881 gb.:AU079140 EST  
3882 gb.:AU079141 AA637947 vt22c06.r1 Barstead mouse myotubes MPLRBS Mus musculus cDNA clone 1121386 5', mRNA sequence.  
3883 gb.:AU079142 RSPRCM4 R.norvegicus mRNA for calmodulin. Genbank  
3884 gb.:AU079143 HUMTRANSC Human transposon-like element mRNA. Genbank  
3885 gb.:AU079144 HUMRGEA Human 18S rRNA gene. Genbank  
3886 gb.:AU079145 U01138 Mus musculus B6DZF1 clone 2C40 mRNA. Genbank  
3887 gb.:AU079146 MNU69898 Mus musculus translocase of inner mitochondrial membrane (Tim44) mRNA, nuclear gene encoding mitochondrial protein, complete cds.  
3888 gb.:AU079147 AA958976 ub59h04.s1 Soares mouse mammary gland NMLMG Mus musculus cDNA clone 1382071 3' similar to WP:CD1A2.4 C07786 , mRNA sequence.  
3889 gb.:AU079148 A1030441 UT-R-C0-j1-c-10-0-UI.s1 UT-R-C0 Rattus norvegicus cDNA clone UI-R-C0-j1-c-10-0-UI 3', mRNA sequence.  
3890 gb.:AU079149 RATTRA Rat direct Repeat (RD) located in growth hormone (GH) intron 2. Genbank  
3891 gb.:AU079150 MUSEFASIN Fascin mRNA, complete cds. Genbank  
3892 gb.:AU079151 W65817 mel2g02.r1 Soares mouse embryo NME13.5 14.5 Mus musculus cDNA clone 387314 5' similar to WP:FP6C9.10 C010320 , mRNA sequence.  
3893 gb.:AU079152 EST  
3894 gb.:AU079153 HS78F24 Homo sapiens DNA sequence from clone 78F24 on chromosome 22q12.1-12.3. Contains one exon of an Oxysterol-binding protein (OSBP) LIKE gene. Contains GSSs and an STS, complete s  
3895 gb.:AU079154 AC004466 Homo sapiens 12q13.1 PAC RPIC5-1057120 (Roswell Park Cancer Institute Human PAC library) complete sequence. Genbank  
3896 gb.:AU079155 AA474864 v55d09.r1 Knowles Salter mouse blastocyst B1 Mus musculus cDNA clone 804593 5', mRNA sequence.  
3897 gb.:AU079156 AA821500 vv59c09.r1 Soares 2NMT Mus musculus cDNA clone 1226704 5', mRNA sequence.  
3898 gb.:AU079157 EST  
3899 gb.:AU079158 MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds.  
3900 gb.:AU079159 I38757 Sequence 1 from patent US 5614371. Genbank  
3901 gb.:AU079160 AF044195 Homo sapiens IkappaB kinase complex associated protein (IKAP) mRNA, complete cds.  
3902 gb.:AU079161 HS3716 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 37E16 HTGS phase 1.  
3903 gb.:AU079162 AA791734 w08b07.r1 Barstead mouse myotubes MPLRBS Mus musculus cDNA clone 1180021 5' similar to TR:Q16801 Q16801 HISTONE H4. , mRNA sequence.  
3904 gb.:AU079163 MJSPLPM Mouse myelin proteolipid protein mRNA, complete cds. Genbank  
3905 gb.:AU079164 AQ004125 CIT-HSP-2291M14.TF CIT-HSP Homo sapiens genomic clone 2291M14, genomic survey sequence.  
3906 gb.:AU079165 MNU77415 Mus musculus Bop1 mRNA, complete cds. Genbank  
3907 gb.:AU079166 HSA223948 Homo sapiens mRNA for putative RNA helicase, 3' end.  
3908 gb.:AU079167 RAT5GPK Rattus norvegicus serum and glucocorticoid-regulated kinase (sgk) mRNA, complete cds.  
3909 gb.:AU079168 CRUTUBA8 Chinese hamster alpha-tubulin II mRNA, complete cds. Genbank  
3910 gb.:AU079169 MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds.  
3911 gb.:AU079170 D87463 Human mRNA for KIAA0273 gene, complete cds. Genbank  
3912 gb.:AU079171 AB014560 Homo sapiens mRNA for KIAA0660 protein, complete cds.  
3913 gb.:AU079172 HSAJ2967 Homo sapiens mRNA for cystinosin. Genbank  
3914 gb.:AU079173 MUSATPSYNX Mouse ATP synthase alpha subunit, complete cds. Genbank  
3915 gb.:AU079174 MNU70670 Mus musculus ataxin-2 mRNA, partial cds. Genbank  
3916 gb.:AU079175 RATAACA Rat acetyl-coenzyme A carboxylase mRNA, complete cds. Genbank  
3917 gb.:AU079176 S65737 membrane glycoprotein M6-major CNS myelin protein P1P/OM20 homolog [clone M6b] [mouse, brain, mRNA, 1020 nt].  
3918 gb.:AU079177 RAT5GPK Rattus norvegicus serum and glucocorticoid-regulated kinase (sgk) mRNA, complete cds.  
3919 gb.:AU079178 MMEFPR Mouse mRNA for major excreted protein (MEP). Genbank  
3920 gb.:AU079179 EST  
3921 gb.:AU079180 AI123296 ov48c04.x1 Soares testis\_NHT Homo sapiens cDNA clone IMAGE:1640550 3', mRNA sequence.  
3922 gb.:AU079181 AB016602 Mus musculus mRNA for G-protein coupled receptor, complete cds.  
3923 gb.:AU079182 HS914P14 Human DNA sequence \*\*\* SEQUENCING IN PROGRESS \*\*\* from clone 914P14 HTGS phase 1.  
3924 gb.:AU079183 HUMRIB Human cAMP-dependent protein kinase regulatory subunit RI-beta mRNA, 3' end.  
3925 gb.:AU079184 AF041472 Mus musculus ataxin-2 (SCA2) mRNA, complete cds. Genbank  
3926 gb.:AU079185 RNU76557 Rattus norvegicus G-GlcNAc transferase, p10 subunit (CGT) mRNA, complete cds.  
3927 gb.:AU079186 MMEGLYSYH M.musculus mRNA for glycogen synthase. Genbank  
3928 gb.:AU079187 MNU29762 Mus musculus albumin gene D-Box binding protein gene, complete cds.  
3929 gb.:AU079188 MNU82470 Mus musculus mitochondrial aspartate aminotransferase precursor (Got-2), a allele, mRNA, complete cds.  
3930 gb.:AU079189 E03413 DNA encoding component HC5 of human proteasome. Genbank  
3931 gb.:AU079190 S71616 prosapain [mouse, mRNA, 2593 nt]. Genbank  
3932 gb.:AU079191 AA180543 zp55d01.r1 Stratagene NT2 neuronal precursor 937230 Homo sapiens cDNA clone 613153 5', mRNA sequence.  
3933 gb.:AU079192 MUSEFTU Mus musculus protein synthesis elongation factor Tu (eEF-Tu, eEF-1-alpha) mRNA, complete cds.  
3934 gb.:AU079193 EST  
3935 gb.:AU079194 RNU59240 Rattus norvegicus N-tropomodulin mRNA, complete cds. Genbank  
3936 gb.:AU079195 HSU04847 Human Inil mRNA, complete cds. Genbank  
3937 gb.:AU079196 MJSYNA Mouse mRNA for synaptotagmin1/65. Genbank  
3938 gb.:AU079197 S53130 yg82g04.r1 Homo sapiens cDNA clone 40816 5'. EST  
3939 gb.:AU079198 AB016602 Mus musculus mRNA for G-protein coupled receptor, complete cds.