Platform GPL81

Query DataSets for GPL81

Status	Public on Mar 11, 2002
Title	[MG_U74Av2] Affymetrix Murine Genome U74A Version 2 Array
Technology type	in situ oligonucleotide
Distribution	commercial
Organism	Mus musculus
Manufacturer	Affymetrix
Manufacture protocol	see manufacturer's web site
	The MG-U74 set includes 3 arrays with a total of 36899 entries and was indexed 29-Jan-2002. The set represents ~36,000 full length genes and EST clusters derived from sequence clusters in Build 74 of the Mouse Unigene Database. MG-U74A represents all sequences (~6,000) in the Mouse UniGene database (Build 74) that have been functionally characterized, as well as ~6,000 EST clusters.
Description	Affymetrix submissions are typically submitted to GEO using the GEOarchive method described at http://www.ncbi.nlm.nih.gov/projects/geo/info/geo_affy.html June 03, 2009: annotation table updated with netaffx build 28 June 07, 2012: annotation table updated with netaffx build 32 June 24, 2016: annotation table updated with netaffx build 35
Web link	http://www.affymetrix.com/support/technical/byproduct.affx?product=mgu74 http://www.affymetrix.com/analysis/index.affx
Submission date	Feb 19, 2002
Last update date	Feb 18, 2018
Organization	Affymetrix, Inc.
E-mail(s)	geo@ncbi.nlm.nih.gov, support@affymetrix.com
Phone	888-362-2447
URL	http://www.affymetrix.com/index.affx
Street address	
City	Santa Clara
State/province	CA
ZIP/Postal code	95051
Country	USA
Samples (6899)	GSM1233, GSM1239, GSM1245, GSM1251, GSM1275, GSM1736
More...	
Series (536)	GSE51 Hippocampus replicate samples
More...	GSE63 Brain after ischemia and antioxidant
	GSE77 Exercised Induced Hypertrophy

Relations

Alternative to	GPL24620 (Alternative CDF [MGU74Av2_Mm_ENTREZG_21.0.0])

Data table header descriptions

ID	Affymetrix Probe Set ID
GB_ACC	GenBank Accession Number
SPOT_ID	identifies controls
Species Scientific Name	The genus and species of the organism represented by the probe set.
Annotation Date	The date that the annotations for this probe array were last updated. It will generally be earlier than the date when the annotations were posted on the Affymetrix web site.

Sequence Type	
Sequence Source	The database from which the sequence used to design this probe set was taken.
Target Description	
Representative Public ID	The accession number of a representative sequence. Note that for consensus-based probe sets, the representative sequence is only one of several sequences (sequence sub-clusters) used to build the consensus sequence and it is not directly used to derive the probe sequences. The representative sequence is chosen during array design as a sequence that is best associated with the transcribed region being interrogated by the probe set. Refer to the "Sequence Source" field to determine the database used.
Gene Title	Title of Gene represented by the probe set.
Gene Symbol	A gene symbol, when one is available (from UniGene).
ENTREZ_GENE_ID	Entrez Gene Database UID
RefSeq Transcript ID	References to multiple sequences in RefSeq. The field contains the ID and Description for each entry, and there can be multiple entries per ProbeSet.
Gene Ontology Biological Process	Gene Ontology Consortium Biological Process derived from LocusLink. Each annotation consists of three parts: "Accession Number // Description // Evidence". The description corresponds directly to the GO ID. The evidence can be "direct", or "extended".
Gene Ontology Cellular Component	Gene Ontology Consortium Cellular Component derived from LocusLink. Each annotation consists of three parts: "Accession Number // Description // Evidence". The description corresponds directly to the GO ID. The evidence can be "direct", or "extended".
Gene Ontology Molecular Function	Gene Ontology Consortium Molecular Function derived from LocusLink. Each annotation consists of three parts: "Accession Number // Description // Evidence". The description corresponds directly to the GO ID. The evidence can be "direct", or "extended".

Data table

ID	GB_ACC	SPOT_ID	Species Scientific Name	Annotation Date	Sequence Type	Sequence Source	Target Description
100001_at	M18228		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl M18228:CD3 antigen, gamma polypeptide /cc
100002_at	X70393		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl X70393:Inter-alpha trypsin inhibitor, heavy ch
100003_at	D38216		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl D38216:Mouse RyR1 mRNA for skeletal muscl
100004_at	AW120890		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl AW120890:UI-M-BH2.3-aob-a-12-0-UI.s1 Mus
100005_at	X92346		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl X92346:Tnf receptor associated factor 4 /cds=
100006_at	D21253		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl D21253:Cadherin 11 /cds=(269,2659) /gb=D
100007_at	AI837573		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl AI837573:UI-M-AL0-abs-g-06-0-UI.s1 Mus m
100009_r_at	X94127		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl X94127:SRY-box containing gene 2 /cds=(0,9
100010_at	U36340		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl U36340:Mus musculus CACCC-box binding pr
100011_at	AI851658		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl AI851658:UI-M-BH0-ain-f-03-0-UI.s1 Mus mu
100012_at	U29539		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl U29539:Mus musculus retinoic acid-inducible
100013_at	AW121732		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl AW121732:UI-M-BH2.3-aoe-b-05-0-UI.s1 Mus
100014_at	AI845038		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl AI845038:UI-M-BG0-ahy-b-01-0-UI.s1 Mus m
100015_at	X67677		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl X67677:Yamaguchi sarcoma viral (v-yes) onc
100016_at	Z12604		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl Z12604:Matrix metalloproteinase 11 /cds=(1(
100017_at	U68267		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl U68267:Mus musculus myosin binding proteir
100018_at	X71327		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl X71327:M. musculus mRNA for MRE-binding t
100019_at	D45889		Mus musculus	Oct 6, 2014	Consensus sequence	GenBank	Cluster Incl D45889:Chondroitin sulfate proteoglycan 2 /c

Total number of rows: **12488**

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Download full table...

Annotation SOFT table...

Download family	Format
SOFT formatted family file(s)	SOFT
MINiML formatted family file(s)	MINiML

Supplementary data files not provided