

S2 Differentially expressed genes in the esophagus of rats tre.

Reporter Name	Primary Sequence	Sequence Code
A_44_P549004	BG372060	A_44_P549004
A_44_P975250	TC470965	A_44_P975250
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A_44_P1055780	S100a8	A_44_P1055780
A_44_P153241	AI101009	A_44_P153241
A_44_P830155	TC487123	A_44_P830155
A_42_P704429	Fgf13	A_42_P704429
A_44_P462505	CB605666	A_44_P462505
A_44_P123381	Prkg2	A_44_P123381
A_44_P776182	TC466956	A_44_P776182
A_42_P787410	Cacna1b	A_42_P787410
A_44_P489569	Ka11	A_44_P489569
A_42_P458530	294570_Rn	A_42_P458530
A_44_P479766	BM986564	A_44_P479766
A_44_P138709	BI290340	A_44_P138709
A_42_P791677	Areg	A_42_P791677
A_44_P477819	Nrg1	A_44_P477819
A_44_P237484	AA819397	A_44_P237484
A_44_P809843	TC513179	A_44_P809843
A_42_P489764	207581_Rn	A_42_P489764
A_44_P797293	CO396111	A_44_P797293
A_44_P916648	TC500973	A_44_P916648
A_42_P816479	Glrx	A_42_P816479
A_44_P433923	LOC301215	A_44_P433923
A_44_P448138	LOC363434	A_44_P448138
A_44_P504285	LOC363638	A_44_P504285
A_44_P834837	BI286389	A_44_P834837
A_44_P126239	LOC310693	A_44_P126239
A_44_P527060	Klk10	A_44_P527060
A_44_P560973	TC474012	A_44_P560973
A_44_P144557	LOC365848	A_44_P144557
A_44_P845409	CA508578	A_44_P845409
A_43_P19181	CB548265	A_43_P19181
A_44_P1039128	Cxcl10	A_44_P1039128
A_43_P23392	BM386666	A_43_P23392
A_44_P622992	BC079185	A_44_P622992
A_44_P1057690	Dnase1l3	A_44_P1057690
A_44_P161882	LOC288070	A_44_P161882
A_44_P128381	Serpinb3	A_44_P128381
A_44_P243708	LOC367614	A_44_P243708
A_44_P473243	LOC305307	A_44_P473243
A_44_P781967	A_44_P781967	A_44_P781967
A_44_P544486	AA901341	A_44_P544486
A_42_P545943	Ca2	A_42_P545943
A_44_P442765	keratin 14	A_44_P442765
A_43_P23458	BQ195790	A_43_P23458
A_44_P165986	LOC292852	A_44_P165986
A_44_P272784	AA925727	A_44_P272784

A_44_P135020	LOC259244	A_44_P135020
A_44_P630174	AI234967	A_44_P630174
A_44_P288881	LOC288074	A_44_P288881
A_44_P365569	LOC313837	A_44_P365569
A_44_P213175	LOC291530	A_44_P213175
A_44_P251064	Ka14	A_44_P251064
A_42_P832728	LOC296257	A_42_P832728
A_44_P347230	LOC363379	A_44_P347230
A_44_P163968	LOC363409	A_44_P163968
A_44_P1038028	Tnfrsf12a	A_44_P1038028
A_44_P278960	LOC310575	A_44_P278960
A_44_P676327	TC466954	A_44_P676327
A_44_P883869	TC466009	A_44_P883869
A_44_P752186	AW921971	A_44_P752186
A_44_P880441	AW921293	A_44_P880441
A_44_P995483	Mug1	A_44_P995483
A_43_P11654	Pnoc	A_43_P11654
A_42_P723173	Id1	A_42_P723173
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A_44_P562582	TC494569	A_44_P562582
A_44_P992908	Hsp27	A_44_P992908
A_44_P592667	TC489988	A_44_P592667
A_44_P398142	Btg2	A_44_P398142
A_44_P242958	Ttpa	A_44_P242958
A_44_P326133	LOC296723	A_44_P326133
A_44_P711401	AI535080	A_44_P711401
A_44_P378742	AI058645	A_44_P378742
A_43_P14904	Prss9	A_43_P14904
A_44_P249990	Mal2	A_44_P249990
A_44_P319322	Krt12	A_44_P319322
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A_44_P352268	Snk	A_44_P352268
A_44_P1060108	Ptmb10	A_44_P1060108
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A_44_P549840	LOC363720	A_44_P549840
A_44_P729179	BC088265	A_44_P729179
A_44_P438313	LOC304689	A_44_P438313
A_44_P379377	Fetub	A_44_P379377
A_44_P533959	Cd36l2	A_44_P533959
A_42_P685660	AW141081	A_42_P685660
A_44_P608892	TC501306	A_44_P608892
A_44_P138015	LOC311450	A_44_P138015
A_44_P212964	LOC360914	A_44_P212964
A_43_P11546	Cd24	A_43_P11546
A_42_P749550	205049_Rn	A_42_P749550
A_44_P1035656	Cd24	A_44_P1035656
A_44_P507571	AW913890	A_44_P507571
A_44_P179904	Sh2d2a	A_44_P179904
A_44_P416359	CA508578	A_44_P416359
A_44_P992578	Rrm2	A_44_P992578

A_43_P11614	Anxa1	A_43_P11614
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A_44_P399249	Tgm1	A_44_P399249
A_42_P623839	LOC298186	A_42_P623839
A_44_P849592	BF545957	A_44_P849592
A_44_P557217	Cst6	A_44_P557217
A_44_P499327	LOC362368	A_44_P499327
A_42_P568172	Abcc5	A_42_P568172
A_44_P1001317	AA801255	A_44_P1001317
A_44_P105034	Alox5	A_44_P105034
A_44_P390495	Gch	A_44_P390495
A_44_P191672	Ka17	A_44_P191672
A_44_P183290	AA900739	A_44_P183290
A_43_P14115	CB547318	A_43_P14115
A_44_P634946	BQ035302	A_44_P634946
A_44_P428338	Ptpn16	A_44_P428338
A_44_P391498	LOC305698	A_44_P391498
A_44_P374909	AB097854	A_44_P374909
A_44_P527780	LOC299216	A_44_P527780
A_42_P490296	Itgb4	A_42_P490296
A_44_P283153	Cdig1l	A_44_P283153
A_44_P367761	Ccng1	A_44_P367761
A_44_P283385	Gip	A_44_P283385
A_44_P838961	TC489960	A_44_P838961
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A_44_P351209	Tdag	A_44_P351209
A_44_P405022	Kb1	A_44_P405022
A_44_P188047	AF198087	A_44_P188047
A_44_P243081	LOC366263	A_44_P243081
A_42_P763424	202256_Rn	A_42_P763424
A_42_P640792	293856_Rn	A_42_P640792
A_43_P14228	AI411057	A_43_P14228
A_44_P225286	LOC367252	A_44_P225286
A_44_P170111	Glrx	A_44_P170111
A_44_P1013376	LOC312670	A_44_P1013376
A_44_P233786	Vgf	A_44_P233786
A_44_P420503	Slpil2	A_44_P420503
A_42_P695401	Scya2	A_42_P695401
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A_42_P577431	295616_Rn	A_42_P577431
A_44_P235919	Ccng1	A_44_P235919
A_44_P1035148	TC483343	A_44_P1035148
A_42_P679371	208234_Rn	A_42_P679371
A_44_P287089	Gmfb	A_44_P287089
A_44_P202988	Odc1	A_44_P202988
A_44_P474101	Slc7a1	A_44_P474101
A_43_P16492	CB545140	A_43_P16492
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A_44_P670167	TC496874	A_44_P670167
A_44_P524359	Anxa1	A_44_P524359
A_44_P1009603	LOC300126	A_44_P1009603
A_43_P14911	Il1b	A_43_P14911
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A_44_P294817	LOC287552	A_44_P294817
A_44_P112222	LOC365847	A_44_P112222
A_44_P215467	LOC310784	A_44_P215467
A_44_P114833	LOC302192	A_44_P114833
A_44_P603871	AW914028	A_44_P603871
A_44_P853102	TC475064	A_44_P853102
A_44_P102962	LOC291758	A_44_P102962
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A_44_P639832	TC502242	A_44_P639832
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A_43_P12641	Cldn1	A_43_P12641
A_44_P554454	Txnrd1	A_44_P554454
A_44_P546537	Nucb2	A_44_P546537
A_42_P639047	203054_Rn	A_42_P639047
A_42_P652897	243751_Rn	A_42_P652897
A_44_P575845	ENSRNOT000000	A_44_P575845
A_44_P499287	LOC291927	A_44_P499287
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A_44_P1034030	LOC303132	A_44_P1034030
A_44_P1016884	BF566249	A_44_P1016884
A_44_P1014388	LOC313108	A_44_P1014388
A_44_P245472	LOC317163	A_44_P245472
A_44_P278439	Ube2n	A_44_P278439
A_44_P220424	LOC363386	A_44_P220424
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A_44_P407573	LOC365217	A_44_P407573
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A_44_P552533	Upb1	A_44_P552533
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A_42_P762829	Cebpd	A_42_P762829
A_44_P398033	Prnp	A_44_P398033
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A_42_P816427	Wisp1	A_42_P816427
A_42_P603096	Kcnj12	A_42_P603096
A_43_P12868	Smpd3	A_43_P12868
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A_44_P283878	LOC362228	A_44_P283878
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A_44_P217761	LOC360998	A_44_P217761
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A_44_P184484	Orc1l	A_44_P184484
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A_44_P375502	LOC314438	A_44_P375502
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A_44_P412570	LOC311783	A_44_P412570
A_43_P10498	AI009167	A_43_P10498
A_44_P401955	AW140738	A_44_P401955
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A_44_P430874	Rab21	A_44_P430874
A_42_P508921	Aqp3	A_42_P508921
A_44_P503562	Gip	A_44_P503562
A_44_P344791	LOC291608	A_44_P344791
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A_44_P914438	TC473591	A_44_P914438
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A_43_P11621	Cd44	A_43_P11621
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A_43_P14751	Aqp9	A_43_P14751
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A_44_P230320	Il1b	A_44_P230320

A_44_P546234	LOC316493	A_44_P546234
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A_44_P320312	LOC306526	A_44_P320312
A_42_P515405	384420_Rn	A_42_P515405
A_44_P212552	Tob1	A_44_P212552
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A_44_P407259	Usp2	A_44_P407259
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A_44_P318255	Comm3	A_44_P318255
A_43_P11499	Rbp2	A_43_P11499
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A_43_P14036	Nup155	A_43_P14036
A_44_P404064	RM1	A_44_P404064
A_44_P385330	BF545883	A_44_P385330
A_44_P836120	BG670441	A_44_P836120
A_44_P466255	LOC304506	A_44_P466255
A_44_P941132	AW915892	A_44_P941132
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A_44_P553751	Avpi1	A_44_P553751
A_44_P394636	Inpp5d	A_44_P394636
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A_44_P519620	LOC56723	A_44_P519620
A_42_P565621	LOC289235	A_42_P565621
A_43_P14162	A2m	A_43_P14162
A_44_P135277	Alcam	A_44_P135277
A_44_P1012279	LOC290842	A_44_P1012279
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A_44_P211182	LOC363227	A_44_P211182
A_44_P301936	Anxa3	A_44_P301936
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A_44_P141899	Ppp1r2	A_44_P141899
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A_44_P234442	LOC298867	A_44_P234442
A_44_P526661	LOC306182	A_44_P526661
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A_44_P458065	Cd81	A_44_P458065
A_44_P445536	LOC310399	A_44_P445536
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A_44_P436604	LOC288016	A_44_P436604
A_44_P239306	LOC287938	A_44_P239306
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A_44_P575340	Hprt	A_44_P575340
A_43_P21223	CB546560	A_43_P21223
A_44_P156247	Smu-1	A_44_P156247
A_43_P21719	CB547029	A_43_P21719
A_44_P530211	LOC362974	A_44_P530211
A_44_P135224	Plk3	A_44_P135224
A_44_P260522	LOC366382	A_44_P260522
A_44_P415034	LOC298615	A_44_P415034
A_44_P554160	Ppp1r7	A_44_P554160
A_44_P432314	LOC313873	A_44_P432314
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A_43_P10280	AI102061	A_43_P10280
A_44_P1027405	LOC363239	A_44_P1027405
A_44_P533172	AI535535	A_44_P533172

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A_44_P262888	LOC363366	A_44_P262888
A_44_P884109	Trim2	A_44_P884109
A_44_P483089	LOC363354	A_44_P483089
A_44_P503552	Lrp16	A_44_P503552
A_44_P225834	AW918854	A_44_P225834

A_42_P624195	Gsta1	A_42_P624195
A_44_P807956	TC486420	A_44_P807956
A_44_P668927	TC483020	A_44_P668927
A_42_P685356	222043_Rn	A_42_P685356
A_43_P18376	BF413197	A_43_P18376
A_44_P215056	ltpr1	A_44_P215056
A_44_P929530	TC465483	A_44_P929530
A_44_P808383	TC491144	A_44_P808383
A_44_P266955	Es2	A_44_P266955
A_42_P585995	216150_Rn	A_42_P585995
A_44_P121790	LOC367529	A_44_P121790
A_44_P217726	LOC308894	A_44_P217726
A_44_P242691	Ptn	A_44_P242691
A_44_P822061	LOC317020	A_44_P822061
A_44_P517591	Eef2k	A_44_P517591
A_42_P607202	Egfl3	A_42_P607202
A_44_P116591	Cx3cl1	A_44_P116591
A_42_P506273	Csad	A_42_P506273
A_44_P253380	LOC367059	A_44_P253380
A_44_P900463	TC491412	A_44_P900463
A_44_P157024	LOC312016	A_44_P157024
A_44_P204001	LOC367368	A_44_P204001
A_44_P541505	LOC307681	A_44_P541505
A_44_P323951	LOC307706	A_44_P323951
A_44_P227286	LOC314570	A_44_P227286
A_44_P499029	Fmo13	A_44_P499029
A_44_P790362	Lot1	A_44_P790362
A_44_P638511	BC087040	A_44_P638511
A_44_P295408	LOC367529	A_44_P295408
A_44_P114184	Ssg1	A_44_P114184
A_42_P839121	Ece1	A_42_P839121
A_44_P236670	LOC367494	A_44_P236670
A_44_P778069	TC495125	A_44_P778069
A_44_P440944	LOC361372	A_44_P440944
A_42_P656495	217522_Rn	A_42_P656495
A_44_P157014	LOC363349	A_44_P157014
A_44_P747071	TC494668	A_44_P747071
A_44_P300171	LOC366959	A_44_P300171
A_44_P821386	ENSRNOT000000	A_44_P821386
A_44_P868984	TC482085	A_44_P868984
A_44_P534585	LOC367673	A_44_P534585
A_44_P648513	AI409900	A_44_P648513
A_42_P531078	384436_Rn	A_42_P531078
A_44_P407606	LOC291888	A_44_P407606
A_44_P356526	LOC296259	A_44_P356526
A_44_P596424	TC500683	A_44_P596424
A_44_P753601	A_44_P753601	A_44_P753601
A_44_P242694	Ptn	A_44_P242694
A_44_P323936	LOC296780	A_44_P323936
A_43_P14669	AW141940	A_43_P14669
A_44_P328646	LOC367511	A_44_P328646

A_44_P365286	Aldh1a1	A_44_P365286
A_43_P13967	Gsta2	A_43_P13967
A_44_P575816	LOC316919	A_44_P575816
A_44_P358865	LOC302083	A_44_P358865
A_44_P422144	LOC363370	A_44_P422144
A_44_P183016	LOC363360	A_44_P183016
A_44_P291028	LOC362648	A_44_P291028
A_42_P522857	221670_Rn	A_42_P522857
A_44_P135786	LOC367513	A_44_P135786
A_44_P176606	Itpr1	A_44_P176606
A_44_P114352	LOC312002	A_44_P114352
A_44_P128737	LOC316920	A_44_P128737
A_44_P166161	Adh7	A_44_P166161
A_44_P149896	LOC301978	A_44_P149896
A_44_P443367	LOC363305	A_44_P443367
A_44_P128747	LOC363422	A_44_P128747
A_44_P276916	LOC363351	A_44_P276916
A_44_P295414	LOC363371	A_44_P295414
A_44_P380218	LOC366653	A_44_P380218
A_44_P124121	LOC367527	A_44_P124121
A_44_P196997	LOC363350	A_44_P196997
A_44_P227243	LOC362136	A_44_P227243
A_44_P422152	LOC363395	A_44_P422152
A_44_P464295	LOC287849	A_44_P464295
A_44_P447781	LOC301978	A_44_P447781
A_44_P455011	LOC296777	A_44_P455011
A_44_P508906	LOC363312	A_44_P508906
A_44_P133335	LOC301906	A_44_P133335
A_44_P466345	LOC360996	A_44_P466345
A_44_P208720	LOC363374	A_44_P208720
A_44_P185294	LOC363336	A_44_P185294
A_44_P295430	LOC301985	A_44_P295430
A_44_P351963	LOC312004	A_44_P351963
A_44_P398641	LOC301986	A_44_P398641
A_44_P311917	LOC316919	A_44_P311917
A_44_P609586	TC516234	A_44_P609586
A_43_P12705	Aldh3a1	A_43_P12705
A_44_P1034579	LOC296130	A_44_P1034579
A_44_P269544	LOC289197	A_44_P269544
A_44_P302476	LOC363372	A_44_P302476
A_44_P302479	LOC363424	A_44_P302479
A_42_P812805	413271_Rn	A_42_P812805
A_44_P229677	LOC363359	A_44_P229677
A_44_P152134	LOC307687	A_44_P152134
A_44_P337930	LOC287855	A_44_P337930
A_44_P827889	BE108829	A_44_P827889
A_44_P1008888	Mt3	A_44_P1008888
A_43_P11985	Scya20	A_43_P11985
A_44_P485305	LOC296782	A_44_P485305
A_44_P173437	LOC317141	A_44_P173437
A_44_P375447	LOC363424	A_44_P375447

A_44_P121796	LOC363429	A_44_P121796
A_44_P183835	Aldh3a1	A_44_P183835
A_42_P763157	Cyp2t1	A_42_P763157
A_44_P103127	LOC302199	A_44_P103127
A_44_P145065	LOC363394	A_44_P145065
A_44_P163957	LOC363343	A_44_P163957
A_44_P242690	Ptn	A_44_P242690
A_44_P232076	LOC363345	A_44_P232076
A_44_P685671	TC497415	A_44_P685671
A_44_P255734	LOC317091	A_44_P255734
A_43_P11804	Ptn	A_43_P11804
A_44_P536905	LOC363348	A_44_P536905
A_44_P859004	BF551978	A_44_P859004
A_42_P688604	Ces1	A_42_P688604
A_44_P699666	TC479114	A_44_P699666
A_44_P184817	Selenbp1	A_44_P184817
A_44_P321468	LOC367677	A_44_P321468
A_44_P383005	Al177431	A_44_P383005
A_43_P23287	BF566100	A_43_P23287
A_44_P409632	Olr1285	A_44_P409632

Sequence Description	Accession
ated with NMBA	
ESTs	BG372060
BTK6C3END keratin K6 gamma (carboxyterminal end) {Bos taurus;} , partial (36%) [TC470965]	
similar to Protein:NP_034799 keratin complex 2, basic, gene 6b [Mus musculus]. sc	CB548368
S100 calcium-binding protein A8 (calgranulin A)	NM_053822
ESTs	AI101009
Unknown	
fibroblast growth factor 13	NM_053428
CB605666 AMGNNUC:MRBE3-00079-C3-Z rat brain E15 (10374) Rattus norvegicus	CB605666
cGMP dependent protein kinase type II	NM_013012
Q9G8N9 (Q9G8N9) Orf504, partial (4%) [TC466956]	
Rattus norvegicus calcium channel, voltage-dependent, N type, alpha 1B subunit (C	NM_147141
Rattus norvegicus type I keratin KA11 (Ka11), mRNA [NM_001008750]	NM_001008750
Rattus norvegicus homocysteine respondent protein HCYP2 (Hcyp2), mRNA.	NM_139342
BM986564 EST594158 Rat gene index, normalized rat, norvegicus Rattus norvegicus	BM986564
ESTs	BI290340
amphiregulin	NM_017123
neuregulin 1	NM_031588
ESTs	AA819397
Unknown	
R.rattus RNA for connexin protein Cx26.	X51615.1
AGENCOURT_26756519 NIH_MGC_255 Rattus norvegicus cDNA clone IMAGE:7: CO396111	
Unknown	
glutaredoxin	NM_022278
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC301215), mRNA [XM_	XM_217332
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363434), mRNA [XM_	XM_343756
Rattus norvegicus similar to PITPNM family member 3; PYK2 N-terminal domain-int	XM_343926
ESTs, Weakly similar to K1CU RAT KERATIN, TYPE I CYTOSKELETAL 21 [R.non	BI286389
Rattus norvegicus similar to apoptosis inhibitor 6 (LOC310693), mRNA [XM_	XM_227484
Rattus norvegicus kallikrein 10 (Klk10), mRNA [NM_001004100]	NM_001004100
S69000 laminin gamma 2 chain - mouse {Mus musculus;} , partial (6%) [TC474012]	
Rattus norvegicus similar to Cornifin alpha (Small proline-rich protein 1) (SPRR1) (L	XM_345236
UI-R-FS0-cqo-i-03-0-UI.s1 UI-R-FS0 Rattus norvegicus cDNA clone UI-R-FS0-cqo-	CA508578
similar to Protein:NP_075532 RAN binding protein 16 [Mus musculus]. score=4.014	CB548265
Rattus norvegicus chemokine (C-X-C motif) ligand 10 (Cxcl10), mRNA [NM_	NM_139089
unknown function	BM386666
Rattus norvegicus cDNA clone MGC:94229 IMAGE:7131106, complete cds. [BC07:	BC079185
deoxyribonuclease I-like 3	NM_053907
Rattus norvegicus similar to stefin A2 protein (LOC288070), mRNA [XM_	XM_221411
Rattus norvegicus serine protease inhibitor B3 (Serpina3), mRNA [NM_001008887]	NM_001008887
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC367614), mRNA [XM_	XM_346227
Rattus norvegicus similar to RIKEN cDNA C130090K23 (LOC305307), mRNA [XM_	XM_223359
Unknown	
ESTs, Highly similar to alpha-2,6-sialyltransferase [M.musculus]	AA901341
carbonic anhydrase 2	NM_019291
Rattus norvegicus mRNA for keratin 14, partial cds.	D63774
unknown function	BQ195790
Rattus norvegicus similar to thymopsin (LOC292852), mRNA [XM_218649]	XM_218649
ESTs	AA925727

Rattus norvegicus alpha-2u globulin PGCL3 (LOC259244), mRNA [NM_147212] NM_147212
 ESTs AI234967
 Rattus norvegicus similar to stefin A1 (LOC288074), mRNA [XM_221416] XM_221416
 Rattus norvegicus similar to Glutaminyl-peptide cyclotransferase precursor (QC) (G XM_233812
 Rattus norvegicus similar to CTCL tumor antigen se57-1 (LOC291530), mRNA [XM XM_225849
 Rattus norvegicus keratin complex 1, acidic, gene 14 (Ka14), mRNA [NM_0010087:NM_001008751
 Rattus norvegicus similar to laminin receptor-like protein LAMRL5 (LOC296257), mI XM_230714
 Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363379), mRNA [XM_ XM_343714
 Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363409), mRNA [XM_ XM_343735
 Rattus norvegicus tumor necrosis factor receptor superfamily, member 12a (Tnfrsf1 NM_181086
 Rattus norvegicus similar to SPRR3 (LOC310575), mRNA [XM_227339] XM_227339
 Q8K394 (Q8K394) Phospholipase C-like 2, partial (6%) [TC466954]
 Q89DR3 (Q89DR3) Blr7376 protein, partial (5%) [TC466008]
 ESTs AW921971
 EST352597 Rat gene index, normalized rat, norvegicus, Bento Soares Rattus norve AW921293
 alpha(1)-inhibitor 3, variant I NM_023103
 Prepronociceptin (neuropeptide nociceptin) (N23K) NM_013007
 Inhibitor of DNA binding 1, helix-loop-helix protein (splice variation) NM_012797
 Rattus norvegicus similar to interferon-stimulated protein (LOC298693), mRNA [XM XM_216605
 F82896 ferrichrome ABC transporter (permease) UU400 [imported] - Ureaplasma urealyticum
 Heat shock 27 kDa protein NM_031970
 HSVAKTI LEKTI precursor {Homo sapiens;} , partial (6%) [TC489988]
 B-cell translocation gene 2, anti-proliferative NM_017259
 Rattus norvegicus Tocopherol transfer protein alpha (Ttpa), mRNA. NM_013048
 Rattus norvegicus similar to Fatty acid-binding protein, epidermal (E-FABP) (Cutane XM_231258
 ESTs AI535080
 ESTs AI058645
 protease, serine, 9 NM_019175
 Rattus norvegicus mal, T-cell differentiation protein 2 (Mal2), mRNA [NM_198786] NM_198786
 Rattus norvegicus keratin K12 (Krt12), mRNA [NM_001008761] NM_001008761
 FATTY ACID-BINDING PROTEIN, EPIDERMAL (E-FABP) (CUTANEOUS FATTY ACID- BINDING PF
 serum-inducible kinase NM_031821
 prothymosin beta 10 NM_021261
 Unknown
 Unknown
 Rattus norvegicus similar to CGI-84 protein (LOC363720), mRNA [XM_343995] XM_343995
 Unknown BC088265
 Rattus norvegicus similar to RIKEN cDNA 2310046M08 (LOC304689), mRNA [XM_ XM_222495
 Rattus norvegicus fetuin beta (Fetub), mRNA [NM_053348] NM_053348
 CD36 antigen (collagen type I receptor, thrombospondin receptor)-like 2 NM_054001
 ESTs AW141081
 Unknown
 Rattus norvegicus similar to RIKEN cDNA 2900083L08 (LOC311450), mRNA [XM_ XM_230625
 Rattus norvegicus similar to onzin (LOC360914), mRNA [XM_341188] XM_341188
 CD24 antigen NM_012752
 ESTs BG667451
 CD24 antigen NM_012752
 ESTs, Highly similar to CGE1 RAT G1/S-SPECIFIC CYCLIN E1 [R.norvegicus] AW913890
 Rattus norvegicus SH2 domain protein 2A (Sh2d2a), mRNA [NM_207605] NM_207605
 UI-R-FS0-cqo-i-03-0-UI.s1 UI-R-FS0 Rattus norvegicus cDNA clone UI-R-FS0-cqo- CA508578
 Rattus norvegicus similar to M2 ribonucleotide reductase (LOC362720), mRNA [XIV XM_343040

Annexin 1 (p35) (Lipocortin 1)	NM_012904
Unknown	
transglutaminase 1, K polypeptide	NM_031659
Rattus norvegicus similar to hypothetical protein FLJ33868 (LOC298186), mRNA [X	XM_238399
ESTs	BF545957
Rattus norvegicus cystatin E/M (Cst6), mRNA [NM_133566]	NM_133566
Rattus norvegicus similar to RIKEN cDNA A030007L17; EST AA673177 (LOC3623	XM_342693
ATP-binding cassette, sub-family C (CFTR/MRP), member 5	NM_053924
ESTs	AA801255
arachidonate 5-lipoxygenase	NM_012822
GTP cyclohydrolase 1	NM_024356
Rattus norvegicus type I keratin KA17 (Ka17), mRNA [NM_212545]	NM_212545
EST	AA900739
similar to Protein:NP_077754 leucine aminopeptidase [Mus musculus]. score=1.5e-	CB547318
BQ035302 EST594274 Rat gene index, normalized rat, norvegicus Rattus norvegic	BQ035302
protein tyrosine phosphatase, non-receptor type 16	AA817984
Rattus norvegicus similar to glutaredoxin 1 (thioltransferase); glutaredoxin (LOC305	XM_223806
Rattus norvegicus mRNA, Axomer-4, transported in axons. [AB097854]	AB097854
Rattus norvegicus similar to expressed sequence AI324246; DEAD-box protein abs	XM_234436
Integrin, beta 4	NM_013180
Rattus norvegicus cdig1L protein (Cdig1l), mRNA [NM_153623]	NM_153623
Cyclin G1	NM_012923
gastric inhibitory polypeptide	NM_019630
Unknown	
ESTs, Weakly similar to CYSTATIN ALPHA [R.norvegicus]	BE095788
ESTs, Highly similar to DIAMINE ACETYLTRANSFERASE [M.musculus]	AI236332
CB547318 AMGNNUC:MRPE4-00337-E6-A mrpe4 (10380) Rattus norvegicus cDN	CB547318
T-cell death associated gene	NM_017180
Rattus norvegicus type II keratin Kb1 (Kb1), mRNA [NM_001008802]	NM_001008802
adrenal secretory serine protease precursor	NM_022630
Rattus norvegicus similar to ubiquitin carboxyl-terminal hydrolase I3 (LOC366263), r	XM_215960
Rattus norvegicus putative UA20 protein (Ua20), mRNA.	NM_144742
Rattus norvegicus gap junction protein, beta 6 (connexin 30) (Gjb6), mRNA.	NM_053388
ESTs	AI411057
Rattus norvegicus similar to N-acetylglucosaminyltransferase IVa (LOC367252), mF	XM_346039
glutaredoxin	AI102927
Rattus norvegicus clone UI-R-FJ0-cpy-e-21-0-UI unknown mRNA. [AY724514]	AY724514
VGF nerve growth factor inducible	NM_030997
Rattus norvegicus antileukoproteinase-like 2 (Slpil2), mRNA [NM_001008872]	NM_001008872
Small inducible gene JE	NM_031530
Rattus norvegicus similar to six transmembrane epithelial antigen of the prostate (L	XM_216315
ESTs, Weakly similar to BCL3_HUMAN B-CELL LYMPHOMA 3-ENCODED PROT	BI289280
Cyclin G1	NM_012923
BAC98235 (BAC98235) MKIAA1705 protein (Fragment), partial (19%) [TC483343]	
Rattus norvegicus coronin, actin binding protein 1A (Coro1a), mRNA.	NM_130411
glia maturation factor beta	NM_031032
Ornithine decarboxylase	NM_012615
Solute carrier family 7 member A1 (amino acid transporter cationic 1)	NM_013111
similar to Protein:NP_062295 sequence similarity to Cig30 1 [Mus musculus]. score	CB545140
similar to Protein:NP_081740 RIKEN cDNA 5730469M10 [Mus musculus]. score=2.363e-	63
Unknown	

Rattus norvegicus similar to chromosome 14 open reading frame 50 (LOC299153), XM_216741
interleukin 18 NM_019165
similar to Protein:NP_058614 nudix (nucleoside diphosphate linked moiety X)-type I BQ196556
Rattus norvegicus similar to p57kip2 (LOC361683), mRNA [XM_341966] XM_341966
arginase 1, liver NM_017134
hypoxia inducible factor 1, alpha subunit NM_024359
Unknown
Annexin 1 (p35) (Lipocortin 1) NM_012904
Rattus norvegicus similar to B99 protein (LOC300126), mRNA [XM_217016] XM_217016
Interleukin 1 beta NM_031512
Rattus norvegicus similar to Neighbor of A-kinase anchoring protein 95 (LOC29872 XM_233763
Rattus norvegicus similar to Bleomycin hydrolase (BLM hydrolase) (BMH) (BH) (LO XM_213406
Rattus norvegicus similar to SPRR1b (LOC365847), mRNA [XM_345235] XM_345235
Rattus norvegicus similar to TATA box binding protein (TBP)-associated factor, RN/ XM_227586
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC302192), mRNA [XM_ XM_217539
ESTs AW914028
Unknown
Rattus norvegicus similar to Cytosol aminopeptidase (Leucine aminopeptidase) (LA XM_226118
Rattus norvegicus similar to ATP-binding cassette sub-family E member 1 (RNase I XM_341669
Oncomodulin BF417236
Unknown
Activating transcription factor 3 NM_012912
Unknown
Unknown
Rattus norvegicus similar to ThB gene product (LOC315075), mRNA [XM_235420] XM_235420
claudin 1 NM_031699
thioredoxin reductase 1 NM_031614
NEFA precursor NM_021663
similar to data source:SPTR, source key:Q21882, evidence:ISS~putative~related to BM387540
Rattus norvegicus Tumor necrosis factor receptor superfamily, member 6 (Tnfrsf6), NM_139194
Unknown
Rattus norvegicus similar to origin recognition complex subunit 6 (LOC291927), mR XM_214656
NG,NG dimethylarginine dimethylaminohydrolase NM_022297
Rattus norvegicus similar to interleukin-1 homolog 1 (LOC296541), mRNA [XM_231 XM_231099
Rattus norvegicus similar to putative transcription factor ALF-4 (LOC303132), mRN. XM_220420
ESTs BF566249
Rattus norvegicus similar to CG14803-PA (LOC313108), mRNA [XM_232837] XM_232837
Rattus norvegicus similar to Eif1a gene (LOC317163), mRNA [NM_001008773] NM_001008773
ubiquitin-conjugating enzyme E2N (homologous to yeast UBC13) NM_053928
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363386), mRNA [XM_ XM_343721
Rattus norvegicus hypothetical LOC290595 (LOC290595), mRNA [XM_237967] XM_237967
Rattus norvegicus similar to RIKEN cDNA 2410017I18 (MGC72611), mRNA [NM_1 NM_199387
Rattus norvegicus similar to protein related with psoriasis (LOC365217), mRNA [XM XM_344871
ESTs BG670036
Rattus norvegicus collagen, type XVIII, alpha 1 (Col18a1), mRNA [XM_241632] XM_241632
ureidopropionase, beta NM_053845
DEPA0489 Rat Lambda ZAP Express Library Rattus norvegicus cDNA 5', mRNA se BE126741
CCAAT/enhancerbinding, protein (C/EBP) delta NM_013154
Prion protein, structural NM_012631
similar to evidence:NAS~hypothetical protein~putative BQ203423
Rattus norvegicus collagen, type XVIII, alpha 1 (Col18a1), mRNA [XM_241632] XM_241632

myosin IB	NM_053986
WNT1 inducible signaling pathway protein 1	NM_031716
potassium inwardly-rectifying channel, subfamily J, member 12	NM_053981
sphingomyelin phosphodiesterase 3, neutral	NM_053605
Rattus norvegicus similar to hypothetical protein FLJ13448 (MGC109115), mRNA [I	NM_001009671
Rattus norvegicus similar to N-acetyltransferase 5 (LOC362228), mRNA [XM_3425	XM_342534
plasminogen activator inhibitor 2 type A	NM_021696
Rattus norvegicus similar to Hypothetical protein MGC48332 (MGC94648), mRNA [NM_001007759
Unknown	
Unknown	
Rattus norvegicus sphingomyelin phosphodiesterase 1, acid lysosomal (Smpd1), m	NM_001006997
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC360998), mRNA [XM_	XM_341273
Rattus norvegicus similar to p120E4F (LOC287114), mRNA [XM_213244]	XM_213244
FAT tumor suppressor (Drosophila) homolog	NM_031819
Rattus norvegicus origin recognition complex, subunit 1-like (S.cereviaiae) (Orc1),	NM_177931
Unknown	
Rattus norvegicus similar to RIKEN cDNA 2210008A03 gene (LOC314438), mRNA XM_	XM_234532
similar to GCGPROT:IBP4_RAT INSULIN-LIKE GROWTH FACTOR BINDING PRC CA512073	
Rattus norvegicus similar to peptidylprolyl isomerase D (cyclophilin D) (LOC293880	XM_219771
ESTs, Weakly similar to LEG9 RAT GALECTIN-9 [R.norvegicus]	BE095833
Rattus norvegicus esophagus cancer-related protein 2 (Ecg2), mRNA [NM_001002	NM_001002816
acute myeloid leukemia 1	NM_017325
Rattus rattus mRNA encoding brain serine protease bsp2, partial.	AJ005642.1
ESTs	BF551228
Insulin degrading enzyme	NM_013159
Rattus norvegicus similar to interleukin-1 delta (LOC311783), mRNA [XM_231101]	XM_231101
ESTs, Highly similar to T08764 hypothetical protein DKFZp586C021.1 [H.sapiens]	AI009167
ESTs, Weakly similar to T18810 hypothetical protein C01F6.9 - Caenorhabditis elec	AW140738
ESTs	BF409122
Rattus norvegicus RAB21, member RAS oncogene family (Rab21), mRNA [NM_00	NM_001004238
aquaporin 3	NM_031703
gastric inhibitory polypeptide	NM_019630
Rattus norvegicus hypothetical LOC291608 (LOC291608), mRNA [XM_214562]	XM_214562
ESTs	BF288942
profilin II	NM_030873
Unknown	
Rattus norvegicus carboxylesterase isoenzyme gene (LOC246252), mRNA [NM_14	NM_144743
Q7M5K8 (Q7M5K8) E3 CR1-gamma1, partial (6%) [TC473591]	
Rattus norvegicus similar to hypothetical protein FLJ13194 (LOC288108), mRNA [X	XM_213624
similar to Protein:NP_444317 epithelial mitogen; RIKEN cDNA 2310069M11 gene [I	CB546693
ESTs	AW917160
Rattus norvegicus similar to suprabasin; suprabasal-specific protein suprabasin (LC	XM_214902
Cell surface glycoprotein CD44 (hyaluronate binding protein)	NM_012924
Rattus norvegicus MT-protocadherin (KIAA1775), mRNA.	NM_053572
Rattus norvegicus protein phosphatase 1, regulatory subunit 7 (Ppp1r7), mRNA [N	NM_001009825
mitogen-activated protein kinase 6	NM_031622
Unknown	
Rattus norvegicus similar to expressed sequence AU040575 (LOC288003), mRNA	XM_213598
neutral solute channel aquaporin 9	NM_022960
Rattus norvegicus similar to Selenoprotein T (LOC365802), mRNA [XM_345215]	XM_345215
Interleukin 1 beta	NM_031512

Rattus norvegicus keratin 5 (epidermolysis bullosa simplex, Dowling-Meara/Kobner), mRNA [NM_183333] AW144721
 ESTs
 Rattus norvegicus similar to RIKEN cDNA 1300002C08 gene (LOC310291), mRNA [XM_227007]
 Rattus norvegicus similar to 3-5 exonuclease TREX2 (LOC309275), mRNA [XM_219746]
 estrogen-responsive uterine transcript U53184
 Rattus norvegicus similar to CD2 antigen family, member 10; CD84-H1 precursor (LOC213932) XM_213932
 Alpha-2-macroglobulin NM_012488
 activated leukocyte cell adhesion molecule NM_031753
 Rattus norvegicus similar to RIKEN cDNA 2810037C03 (LOC290842), mRNA [XM_214380]
 Rattus norvegicus similar to glandular kallikrein KLK13 (LOC292848), mRNA [XM_218643]
 ESTs BG663446
 ESTs, Weakly similar to COPP RAT COATOMER BETA' SUBUNIT [R.norvegicus] AW915941
 Rattus norvegicus cyclin D1 (Ccmd1), mRNA [NM_171992] NM_171992
 Rattus norvegicus similar to 5830411E10Rik protein (LOC363227), mRNA [XM_343565] XM_343565
 Annexin A3 NM_012823
 Caspase 3, apoptosis related cysteine protease (ICE-like cysteine protease) NM_012922
 Rattus norvegicus similar to hypothetical protein D10Erd438e (LOC294400), mRNA [XM_215387]
 Rattus norvegicus protein phosphatase 1, regulatory (inhibitor) subunit 2 (Ppp1r2), mRNA [NM_138823]
 Rattus norvegicus similar to Putative protein C21orf45 (LOC288272), mRNA [XM_221670]
 ESTs AI411057
 Rattus norvegicus similar to Ariadne-1 protein homolog (ARI-1) (Ubiquitin-conjugation) XM_217157
 Rattus norvegicus similar to profilaggrin (LOC295188), mRNA [XM_238235] XM_238235
 Rattus norvegicus similar to mKIAA1921 protein (LOC298867), mRNA [XM_233955] XM_233955
 Rattus norvegicus similar to karyopherin beta 3; Ran_GTP binding protein 5; importin XM_224534
 Rattus norvegicus similar to phosphomannomutase Sec53p homolog (MGC105960) NM_001008323
 heat shock 70kD protein 8 NM_024351
 early growth response 2 NM_053633
 solute carrier family 8 (cationic amino acid transporter, y+ system), member 7 NM_053442
 CD81 antigen (target of antiproliferative antibody 1) NM_013087
 Rattus norvegicus similar to N-terminal acetyltransferase 1 (LOC310399), mRNA [XM_241375]
 AAQ62444 (AAQ62444) At1g59840, partial (6%) [TC475519] BC088291
 RAB11a, member RAS oncogene family NM_031152
 Rattus norvegicus similar to 14-3-3 protein sigma (LOC313017), mRNA [XM_23274] XM_232745
 Rattus norvegicus similar to leprecan-like 1 protein (LOC288016), mRNA [XM_213603] XM_213603
 Rattus norvegicus hypothetical LOC287938 (LOC287938), mRNA [XM_213567] XM_213567
 casein kinase II beta subunit NM_031021
 Rattus norvegicus similar to PTK9 protein tyrosine kinase 9 (MGC105817), mRNA [NM_001008521]
 Rattus norvegicus hypoxanthine guanine phosphoribosyl transferase (Hprt), mRNA [NM_012583]
 similar to Protein:NP_079586 ectoplacental cone, invasive trophoblast giant cells, embryonic CB546560
 Rattus norvegicus homolog of C. elegans smu-1 (Smu-1), mRNA. NM_057195
 similar to Protein:NP_031988 epithelial V-like antigen [Mus musculus]. score=8.421 CB547029
 Rattus norvegicus similar to CG9646-PA (LOC362974), mRNA [XM_343304] XM_343304
 Rattus norvegicus cytokine inducible kinase (Cnk), mRNA [XM_342888] XM_342888
 Rattus norvegicus similar to Ubiquitin carboxyl-terminal hydrolase isozyme L3 (UCHL3) XM_345541
 Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC298615), mRNA [XM_237706]
 Rattus norvegicus protein phosphatase 1, regulatory subunit 7 (Ppp1r7), mRNA [NM_001009825]
 Rattus norvegicus similar to RIKEN cDNA 2810405J04 (LOC313873), mRNA [XM_233872]
 similar to Protein:NP_079781 RIKEN cDNA 1700030G05 gene [Mus musculus]. score BQ196655
 ESTs AI102061
 Rattus norvegicus similar to amyotrophic lateral sclerosis 2 chromosome region candidate XM_343579
 ESTs, Weakly similar to COPP RAT COATOMER BETA' SUBUNIT [R.norvegicus] AI535535

Rattus norvegicus MAP-kinase phosphatase (cpg21) (Cpg21), mRNA.	NM_133578
hypoxia inducible factor 1, alpha subunit	NM_024359
Rattus norvegicus solute carrier family 35, member B2 (Slc35b2), mRNA [NM_199111 NM_199111]	NM_199111
Rattus norvegicus similar to heat shock protein 65 (LOC302026), mRNA [XM_229556 XM_229566]	XM_229566
RAB7, member RAS oncogene family	NM_023950
nucleolar phosphoprotein p130	NM_022869
UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1	BF287204
prolyl endopeptidase	NM_031324
Rattus norvegicus SH3-domain kinase binding protein 1 (Sh3kbp1), mRNA [NM_053360 NM_053360]	NM_053360
Rattus norvegicus similar to beta-actin (LOC302340), mRNA [XM_228468 XM_228468]	XM_228468
Rattus norvegicus tetratricopeptide repeat domain 12 (Ttc12), mRNA [NM_001004246 NM_001004246]	NM_001004246
ESTs	BF564888
Unknown	
Rattus norvegicus similar to Alcohol dehydrogenase class IV (Retinol dehydrogenase)	XM_215715
general transcription factor IIB	NM_031041
Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC295698), mRNA [XM_230045 XM_230045]	XM_230045
Rattus norvegicus similar to GABA(A) receptor-associated protein like 2; gangliosid	XM_345534
Rattus norvegicus interleukin 24 (Il24), mRNA.	NM_133311
ESTs	AW143025
jun B proto-oncogene	NM_021836
Rattus norvegicus similar to Myosin regulatory light chain 2-A, smooth muscle isofo	XM_343643
ESTs, Highly similar to LCB1 MOUSE SERINE PALMITOYLTRANSFERASE 1 [M.r	AW915327
Rattus norvegicus similar to ETS-domain protein ELK-3 (ETS-related protein NET) (XM_343198
Rattus norvegicus similar to bile acid beta-glucosidase; glucosidase, beta (bile acid)	XM_216490
Rattus norvegicus Unknown (protein for MGC:72614) (MGC72614), mRNA [NM_1919105 NM_1919105]	NM_1919105
latexin	NM_031655
ESTs	AI137483
tissue inhibitor of metalloproteinase 1	NM_053819
CB547894 AMGNNUC:MRPE4-00121-A8-A mrpe4 (10380) Rattus norvegicus cDN	CB547894
Rattus norvegicus eukaryotic translation initiation factor 4 gamma, 2 (Eif4g2), mRN	XM_341906
Unknown	
CD24 antigen	AA924066
ESTs	BF284739
unknown function	CA340030
protein tyrosine phosphatase 4a1	NM_031579
ubiquilin 1	NM_053747
ESTs, Weakly similar to S58222 PQ-rich protein [H.sapiens]	AI029402
Rattus norvegicus similar to Eukaryotic translation initiation factor 5 (eIF-5) (LOC30	XM_229097
Rattus norvegicus similar to Hsc70-ps1 (LOC300332), mRNA [XM_235792 XM_235792]	XM_235792
Rattus norvegicus similar to Asparaginyl-tRNA synthetase, cytoplasmic (Asparagine	XM_214554
Rattus norvegicus similar to hypothetical protein MGC4614 (LOC294294), mRNA [XM_215357 XM_215357]	XM_215357
Rattus norvegicus solute carrier family 20 (phosphate transporter), member 1 (Slc20	NM_031148
Rattus norvegicus O6-methylguanine-DNA methyltransferase (Mgmt), mRNA.	NM_012861
karyopherin (importin) alpha 2	NM_053483
R.rattus RYD5 mRNA for a potential ligand-binding protein.	X60661.1
Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC306432), mRN	XM_224805
heat shock 27kD protein 3	NM_031750
Rattus norvegicus similar to DNA segment, Chr 12, ERATO Doi 551, expressed (LC	XM_343454
UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6	NM_031740
Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N	XM_232686
vesicle-associated membrane protein 5	NM_053555

UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 1 BF287204
 Rattus norvegicus kinase (LOC246273), mRNA. NM_144755
 Rattus norvegicus similar to KIAA1411 protein (LOC367235), mRNA [XM_346029] XM_346029
 histidine ammonia lyase NM_017159
 Rattus norvegicus uk mRNA for uridine kinase, partial cds. BQ207631
 Rattus norvegicus similar to karyopherin (importin) alpha 2 (LOC307465), mRNA [X XM_225973
 similar to Protein:NP_006306 ring finger protein 3 [Homo sapiens]. score=9.643e-4 BM389990
 ubiquitin D NM_053299
 casein kinase II, alpha 1 polypeptide NM_053824
 Unknown
 ERM-binding phosphoprotein NM_021594
 Rattus norvegicus similar to Shb-like adapter protein, Shf - human (LOC362205), m XM_342507
 ALG-2 interacting protein 1 AF192757
 similar to Protein:NP_077754 leucine aminopeptidase [Mus musculus]. score=7.292 CB605705
 Proliferating cell nuclear antigen NM_022381
 Rattus norvegicus similar to cellular apoptosis susceptibility protein (LOC362273), r XM_342581
 similar to Protein:NP_080251 T-complex associated-testis-expressed 1-like [Mus m CA333739
 Rattus norvegicus SAR1a gene homolog 1 (Sara1), mRNA [NM_001007739] NM_001007739
 ESTs, Weakly similar to T18810 hypothetical protein C01F6.9 - Caenorhabditis eleg AW140738
 unknown function BQ207103
 Rattus norvegicus similar to hypothetical protein FLJ10737 (LOC362666), mRNA [X XM_342983
 Rattus norvegicus similar to putative MAPK activating protein (LOC361089), mRNA XM_341374
 similar to mouse ATP/GTP-binding protein, clone MGC:6658 IMAGE:3497802, mRI BQ205859
 Rattus norvegicus selectin, endothelial cell (Sele), mRNA [NM_138879] NM_138879
 Unknown
 Unknown
 Rattus norvegicus similar to hypothetical protein MGC10120 (LOC293938), mRNA | XM_215245
 Rattus norvegicus similar to D7Wsu128e protein (LOC293454), mRNA [XM_21505: XM_215053
 ESTs AI146082
 DnaJ-like protein NM_022934
 protein tyrosine phosphatase, receptor type, W NM_033099
 nuclear receptor subfamily 4, group A, member 3 NM_031628
 ESTs, Weakly similar to PTH_YEAST PUTATIVE PEPTIDYL-TRNA HYDROLASE | BG378435
 Rattus norvegicus cDNA, clone:ba7, differentially expressed in pylorus. AB072252.1
 Rattus norvegicus similar to hypothetical protein 6030430O11 (LOC308999), mRNA/ XM_219356
 RAN, member RAS oncogene family NM_053439
 core1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferas NM_022950
 thioredoxin-like 2 NM_032614
 histone 2b NM_022647
 Annexin 1 (p35) (Lipocortin 1) AI171962
 Rattus norvegicus similar to Eukaryotic translation initiation factor 5 (eIF-5) (LOC29: XM_212955
 Rattus norvegicus similar to MHR23B (LOC298012), mRNA [XM_216381] XM_216381
 Heme oxygenase NM_012580
 Rattus norvegicus similar to RIKEN cDNA 3110050N22 (LOC310244), mRNA [XM_ XM_226971
 Annexin A3 NM_012823
 UI-R-A1-er-c-02-0-UI.r1 UI-R-A1 Rattus norvegicus cDNA clone UI-R-A1-er-c-02-0- BF556341
 ESTs, Moderately similar to A Chain A, Crystal Structure Of P681h Mutant Of Tir Dc AW526982
 Rattus norvegicus putative 28 kDa protein (LOC289809), mRNA [NM_199083] NM_199083
 Rattus norvegicus similar to vaccinia related kinase 2; vaccinia virus BIR kinase relat XM_341265
 Q90LX2 (Q90LX2) Envelope protein, partial (21%) [TC462789]
 Rattus norvegicus similar to hypothetical protein FLJ23468 (LOC306464), mRNA [X XM_224859

ESTs BF558513
Rattus norvegicus similar to heat shock protein 86 (LOC290187), mRNA [XM_2141 XM_214168
Rattus norvegicus RAB21, member RAS oncogene family (Rab21), mRNA [NM_00 NM_001004238
Rattus norvegicus similar to p53 apoptosis-associated target (LOC292949), mRNA XM_214953
Rattus norvegicus similar to RIKEN cDNA 2410008G02 (LOC291874), mRNA [XM_XM_214639
Rattus norvegicus similar to U6 snRNA-associated Sm-like protein LSm1 (Small nu XM_344536
phosphatidylcholine transfer protein NM_017225
Malic enzyme 1, soluble NM_012600
acidic calponin NM_019359
Rattus norvegicus guanine nucleotide binding protein gamma 12 subunit mRNA, pa AF022091
Rattus norvegicus similar to Tex27 protein (LOC361816), mRNA [XM_342109] XM_342109
Glycerol-3-phosphate dehydrogenase 2 (mitochondrial) NM_012736
Lysosomal-associated membrane protein 2 NM_017068
Rattus norvegicus similar to RIKEN cDNA 2610318G18 (LOC289113), mRNA [XM_XM_222742
14-3-3 protein gamma-subtype NM_019376
Apolipoprotein D NM_012777
Rattus norvegicus origin recognition complex, subunit 4-like (yeast) (Orc4l), mRNA NM_199092
Microvascular endothelial differentiation gene 1 NM_012699
Q8V9S8 (Q8V9S8) L09SL protein, partial (11%) [TC496731]
Rattus norvegicus similar to mind bomb (LOC307594), mRNA [XM_226175] XM_226175
ESTs AW916469
Rattus norvegicus similar to CD2 antigen (cytoplasmic tail) binding protein 2 (LOC2: XM_215082
growth factor binding protein-1 NM_022603
Rattus norvegicus heat shock protein 1, alpha (Hspca), mRNA [NM_175761] NM_175761
Rattus norvegicus similar to Hypothetical protein LOC216150 (LOC365006), mRNA XM_344770
ESTs AI232346
ESTs AI179448
Rattus norvegicus eukaryotic translation initiation factor 4 gamma, 2 (Eif4g2), mRNA, XM_341906
peroxiredoxin 1 NM_057114
Rattus norvegicus similar to cyclin-dependent kinase inhibitor 3; CDK2-associated c XM_214152
Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_214330
Unknown
Rattus norvegicus similar to mitochondrial ribosomal protein L51; mitochondrial ribo XM_216269
Rattus norvegicus similar to proliferating cell nuclear antigen (LOC364102), mRNA XM_344211
ESTs, Highly similar to SNX8_HUMAN SORTING NEXIN 8 [H.sapiens] BF405030
Rattus norvegicus similar to a disintegrin-like and metalloprotease with thrombospoi XM_232202
thymidylate synthase NM_019179
ESTs AW143475
Rattus norvegicus signal recognition particle 54 kDa (Srp54), mRNA [XM_343063] XM_343063
Rattus norvegicus basic leucine zipper and W2 domains 1 (Bzw1), mRNA [NM_198 NM_198789
Rattus norvegicus similar to Tardbp protein (LOC298648), mRNA [XM_216578] XM_216578
Rattus norvegicus similar to D7Wsu128e protein (LOC293454), mRNA [XM_21505: XM_215053
Unknown
schlafen 4 NM_053687
Rattus norvegicus similar to Dual specificity protein phosphatase 11 (RNA/RNP con XM_216196
Rattus norvegicus vascular early response gene protein (Verge), mRNA [NM_0010 NM_001003403
BC043034 Eif4g2 protein {Mus musculus;} , partial (20%) [TC464649]
Q7PWX9 (Q7PWX9) EbiP4168 (Fragment), partial (21%) [TC508253]
CB545107 AMGNNUC:NRDG1-00131-A4-A nrdg1 (10855) Rattus norvegicus cDN, CB545107
Unknown
Unknown

Rattus norvegicus similar to heat shock protein 70 cognate (LOC307084), mRNA [X XM_225521
 Rattus norvegicus osmotic stress protein 94 kDa (OSP94), mRNA [XM_215549] XM_215549
 Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_219757
 mesothelin NM_031658
 Rattus norvegicus similar to enolase 1, alpha (LOC300491), mRNA [XM_235993] XM_235993
 Unknown
 Rattus norvegicus solute carrier family 20 (phosphate transporter), member 1 (Slc21 NM_031148
 Unknown
 ESTs, Weakly similar to T29201 hypothetical protein T03F1.1 - Caenorhabditis eleg BF550568
 Hras-revertant gene 107 NM_017060
 EST292128 Normalized rat ovary, Bento Soares Rattus sp. cDNA clone RGICT53 5 AW142013
 Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_224813
 Unknown
 Eph receptor B2 (ELK-related protein tyrosine kinase) M59814
 Rattus norvegicus liver regeneration p-53 related protein (LOC246046), mRNA. NM_139189
 heat shock 70kD protein 8 NM_024351
 Unknown
 Unknown
 eukaryotic translation initiation factor 4E NM_053974
 ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5) NM_031237
 Unknown
 Rattus norvegicus similar to TOPK (LOC290326), mRNA [XM_224300] XM_224300
 heat shock 70kD protein 8 NM_024351
 Rattus norvegicus secretory carrier membrane protein 1 (Scamp1), mRNA [XM_342 XM_342174
 ADP-ribosylation factor related protein 1 NM_053980
 Rattus norvegicus similar to Hspca protein (LOC314540), mRNA [XM_234728] XM_234728
 Rattus norvegicus similar to CDNA sequence BC019977 (LOC298530), mRNA [XM XM_238415
 ESTs AI178573
 Rattus norvegicus similar to protein kinase (EC 2.7.1.-) esk splice form 2 - mouse (L XM_236477
 Rattus norvegicus lysophospholipase (LOC246266), mRNA [NM_144750] NM_144750
 ESTs, Weakly similar to AF154572 1 ERG2 protein [R.norvegicus] AA819034
 YME1 (S.cerevisiae)-like 1 NM_053682
 Rattus norvegicus GTP-ase Ran mRNA, complete cds. [AF507943] AF507943
 Rattus norvegicus mini chromosome maintenance deficient 6 (S. cerevisiae) (Mcmc XM_344135
 ESTs, Weakly similar to JU0271 voltage-sensitive potassium channel protein - rat [F BF286190
 Rattus norvegicus similar to SEC63 (LOC309858), mRNA [XM_228305] XM_228305
 ESTs AA819659
 Rattus norvegicus cyclophilin D mRNA, nuclear gene encoding mitochondrial protei NM_172243
 Hras-revertant gene 107 NM_017060
 Rattus norvegicus cDNA clone IMAGE:7107662, containing frame-shift errors. [BCC BC081794
 Rattus norvegicus similar to RAN protein (LOC313163), mRNA [XM_232914] XM_232914
 Enolase 1, alpha NM_012554
 ESTs, Weakly similar to S27393 sphingomyelin phosphodiesterase (EC 3.1.4.12), 5 BF560542
 Rattus norvegicus monoamine oxidase A (Maoa), mRNA [XM_343764] XM_343764
 Rattus norvegicus similar to RIKEN cDNA 1810036I24 (LOC309146), mRNA [XM_2 XM_219680
 Rattus norvegicus thymocyte protein thy28 (MGC72984), mRNA [NM_001007661] NM_001007661
 Unknown
 Unknown
 Rattus norvegicus similar to RIKEN cDNA 5730596K20 (LOC309187), mRNA [XM_ XM_219541
 Rat hepatic steroid hydroxylase IIA2 (CYP2A2) gene, exons 1 and 2. M33313
 ESTs BF550562

Rattus norvegicus eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa (E NM_199380
 Rattus norvegicus similar to peroxiredoxin 1 (LOC294660), mRNA [XM_212921] XM_212921
 Rat hepatic steroid hydroxylase IIA2 (CYP2A2) gene, exons 1 and 2. M33313
 ATPase, Ca⁺⁺ transporting, cardiac muscle, slow twitch 2 NM_017290
 Q83SW7 (Q83SW7) Probable AraC-family transcriptional regulatory protein, partial (5%) [TC483539]
 Rattus norvegicus similar to cyclin-dependent kinase 2-interacting protein (LOC299:XM_216794
 eukaryotic initiation factor 5 (eIF-5) NM_020075
 ESTs, Highly similar to S71820 JUN-activation-domain-binding protein 1 [H.sapiens BF554683
 ESTs BE111756
 Rattus norvegicus similar to aldo-keto reductase family 1, member B8 (LOC366639 XM_345680
 Rattus norvegicus similar to RIKEN cDNA 2310057H16 (LOC307351), mRNA [XM_XM_225867
 Rattus norvegicus ras homolog gene family, member E (Arhe), mRNA [NM_001007NM_001007641
 farnesyl diphosphate farnesyl transferase 1 NM_019238
 Unknown
 Rattus norvegicus similar to Protein C20orf129 homolog (LOC311598), mRNA [XM_XM_230807
 Rattus norvegicus similar to hypothetical protein D11Erd672e; putative 42-9-9 prot: XM_213382
 ESTs, Weakly similar to KIP1_RAT DNA-PKCS INTERACTING PROTEIN (KINASE BI296950
 Rattus norvegicus similar to histidyl-tRNA synthetase (LOC307492), mRNA [XM_22 XM_226008
 Solute carrier 16 (monocarboxylic acid transporter), member 1 NM_012716
 myeloid cell leukemia sequence 1 NM_021846
 Inositol (myo)-1(or 4)-monophosphatase 1 NM_032057
 O78847 (O78847) NADH dehydrogenase subunit 2 (Fragment), partial (12%) [TC499468]
 Unknown
 ESTs AW142836
 Rattus norvegicus peptidylprolyl cis-trans isomerase-like protein 3 (Cyp10l), mRNA. NM_175707
 ESTs BF398504
 Rattus sp. mRNA for cyclin E, partial cds. D63164
 Rattus norvegicus similar to Cytosolic nonspecific dipeptidase (Glutamate carboxyp XM_214525
 Unknown
 similar to KIAA0152 gene product 12653207
 ESTs, Moderately similar to A54854 Ras GTPase activating protein-related protein AA925885
 Rattus norvegicus similar to ATP-binding cassette, sub-family A, member 12 isoform XM_237242
 Rattus norvegicus citrate synthase (Cs), mRNA. NM_130755
 ESTs BF412644
 Rattus norvegicus signal peptidase 21kDa subunit (Spc21), mRNA [NM_153628] NM_153628
 Rattus norvegicus ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), beta NM_057213
 dynein, cytoplasmic, light chain 1 NM_053319
 ESTs, Highly similar to S44903 ZK652.3 protein - Caenorhabditis elegans [C.elegans AW141137
 Unknown
 Q8VDX8 (Q8VDX8) Histidyl tRNA synthetase, partial (12%) [TC481392]
 Rattus norvegicus cDNA clone MGC:94421 IMAGE:7134366, complete cds. [BC07:BC079290
 Rattus norvegicus osteoclast stimulating factor 1 (Ostf1), mRNA [NM_148892] NM_148892
 Rattus norvegicus similar to hypothetical protein MGC35138 (LOC309108), mRNA | XM_219480
 Rattus norvegicus similar to RIKEN cDNA 1810029B16 (LOC290686), mRNA [XM_XM_214332
 ESTs AW141130
 Rattus norvegicus similar to Isoleucyl-tRNA synthetase, cytoplasmic (Isoleucine--tR XM_225196
 Lysophospholipase NM_013006
 TPA: Rattus norvegicus mRNA for proteasome subunit alpha type 3-like (psma3l ge BN000326
 Rattus norvegicus similar to expressed sequence AI838661 (LOC362614), mRNA [XM_342932
 Rattus norvegicus similar to protein translocation complex beta; protein transport pr XM_216400
 Rattus norvegicus similar to RIKEN cDNA 1110018O08 (MGC94226), mRNA [NM_ NM_001007615

Rattus norvegicus similar to hypothetical protein FLJ22626 (LOC298342), mRNA [X XM_216468
 Rattus norvegicus similar to DREV protein (LOC300672), mRNA [XM_217134] XM_217134
 Unknown
 nuclear RNA helicase, DECD variant of DEAD box family NM_053563
 Rattus norvegicus similar to N-terminal asparagine amidohydrolase (LOC360462), r XM_340738
 Rattus norvegicus similar to desmocollin Desc1a precursor (LOC291759), mRNA [X XM_226119
 CDC37 (cell division cycle 37, *S. cerevisiae*, homolog) NM_053743
 Unknown
 intermediate conductance calcium-activated potassium channel NM_023021
 Rattus norvegicus cyclin A2 (*Ccna2*), mRNA [XM_342229] XM_342229
 Nucleoprotein 50 NM_012991
 MMU59509 mlrq-like protein (*Mus musculus*;), partial (21%) [TC463415]
 Rattus norvegicus chromosome 3, 19 clones, strain BN/SsNHsdMCW RNOR03272 AABR03024169
 Nopp140 associated protein NM_021754
 Rattus norvegicus signal sequence receptor, alpha (*Ssr1*), mRNA [NM_001008891] NM_001008891
 Rattus norvegicus cDNA clone MGC:72393 IMAGE:5599462, complete cds [BC061 BC061992
 heat shock 70kD protein 8 Y00054
 Ras-related GTP-binding protein ragA NM_053973
 similar to Translation of nuc:AK006479_1 *Mus musculus* adult male testis cDNA, RI BQ780873
 Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (*Eif4a1*), mRNA NM_199372
 ESTs, Weakly similar to KIAA0701 protein [*H.sapiens*] X94509
 Rattus norvegicus similar to karyopherin (importin) alpha 2 (LOC317233), mRNA [X XM_228535
 Rattus norvegicus similar to ornithine decarboxylase (EC 4.1.1.17) (LOC292749), r XM_218383
 ESTs, Highly similar to NAD-DEPENDENT METHYLENETETRAHYDROFOLATE [AW141791
 sorting nexin 16 NM_022289
 Rattus norvegicus similar to actin (LOC290691), mRNA [XM_224777] XM_224777
 Rattus norvegicus similar to Putative methyltransferase HUSSY-3 (Williams-Beuren XM_347254
 Unknown
 Rattus norvegicus similar to secreted Ly6/uPAR related protein 2 (LOC315074), mFXM_235419
 GCGNUC:AF367448.1; Rattus norvegicus cyclin A2 mRNA, partial cds. AF367448.1
 ESTs, Moderately similar to ADIPOSE DIFFERENTIATION-RELATED PROTEIN [AA874941
 ESTs, Moderately similar to I37356 epithelial microtubule-associated protein, 115K BF563299
 Rattus norvegicus similar to karyopherin (importin) alpha 2 (LOC289436), mRNA [X XM_213990
 Unknown
 Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (*Eif4a1*), mRNA NM_199372
 Rattus norvegicus abhydrolase domain containing 6 (*Abhd6*), mRNA [NM_0010076 NM_001007680
 similar to Protein:NP_032562 membrane component, surface marker 1; L6 antigen; BU759691
 Unknown
 Rattus norvegicus cyclin-dependent kinase inhibitor 1A (*Cdkn1a*), mRNA [NM_0807 NM_080782
 Rattus norvegicus cDNA clone MGC:94208 IMAGE:7130270, complete cds. [BC08: BC083582
 EST BF394425
 Unknown
 Rattus norvegicus RS21-C6 protein (*Rs21c6*), mRNA [NM_138892] NM_138892
 Rattus norvegicus calcium regulated heat stable protein 1 (*Carhsp1*), mRNA [NM_1 NM_152790
 Unknown
 Rattus norvegicus similar to RIKEN cDNA 1110056N09 (LOC308890), mRNA [XM_ XM_218993
 Enolase 1, alpha NM_012554
 Rattus norvegicus cDNA clone IMAGE:7110106. [BC078951] BC078951
 Q8I738 (Q8I738) TcC31.4, partial (6%) [TC487987]
 UI-R-EP0-cnv-m-06-0-UI.s1 UI-R-EP0 Rattus norvegicus cDNA clone UI-R-EP0-cnv BQ204924
 Rattus norvegicus cathepsin D (*Ctsd*), mRNA. NM_134334

Protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform	NM_017039
Unknown	
Rattus norvegicus dynein light intermediate chain 1 mRNA, complete cds	AW142507
ESTs	AW918599
Rattus norvegicus signal recognition particle 54 kDa (Srp54), mRNA [XM_343063]	XM_343063
ESTs, Weakly similar to T15334 hypothetical protein B0336.8 - Caenorhabditis eleg	BF563278
alpha actinin 4	AA944358
Rattus norvegicus similar to T-complex associated-testis-expressed 1-like (Protein 1)	XM_343769
ESTs	AW528001
ESTs, Weakly similar to JC1285 protein-tyrosine-phosphatase [R.norvegicus]	BF551144
Q8LCS5 (Q8LCS5) U6 snRNA-associated Sm-like protein, partial (44%) [TC503599]	
ESTs	BF289360
Rattus norvegicus similar to RIKEN cDNA 1110008F13 (LOC366487), mRNA [XM_345593]	XM_345593
Rattus norvegicus similar to CAD protein (LOC362709), mRNA [XM_343027]	XM_343027
ESTs	AI599077
Rattus norvegicus similar to c-myc binding protein (LOC298513), mRNA [XM_2165]	XM_216518
Unknown	
eukaryotic initiation factor 5 (eIF-5)	NM_020075
unknown function	CA506204
unknown function	CB606439
Rattus norvegicus similar to junctophilin 3; junctophilin type 3 (LOC307916), mRNA	XM_226549
Rattus norvegicus similar to serine/threonine kinase 18, isoform sak-a (LOC310344)	XM_227064
ESTs	BF289772
Unknown	
Rattus norvegicus similar to proliferating cell nuclear antigen (LOC299084), mRNA	XM_234211
Rattus norvegicus similar to heat shock protein 105 kDa alpha (LOC288444), mRNA	XM_213699
Rattus norvegicus similar to hypothetical protein FLJ14813 (LOC307169), mRNA [X	XM_225629
Proliferating cell nuclear antigen	NM_022381
Rattus norvegicus similar to chromosome 14 open reading frame 21 (LOC290235),	XM_214175
calcium binding protein A6 (calcyclin)	NM_053485
Rattus norvegicus similar to nuclear orphan receptor/transcription factor (LOC3008)	XM_217192
Rattus norvegicus similar to bA16L21.2.1 (novel DnaJ domain protein similar to Dro	XM_342844
Rattus norvegicus LOC363070 (LOC363070), mRNA [XM_343398]	XM_343398
Rattus norvegicus similar to Txndc1 protein (LOC362751), mRNA [XM_343076]	XM_343076
ESTs, Highly similar to SZ14 MOUSE SMALL INDUCIBLE CYTOKINE B14 PRECL	AI043862
Rattus norvegicus similar to Histone H2B 291B (LOC291157), mRNA [XM_214483]	XM_214483
ESTs, Moderately similar to CALX RAT CALNEXIN PRECURSOR [R.norvegicus]	AW920965
similar to Protein:NP_079785 RIKEN cDNA 2310008M10 gene [Mus musculus]. sc	BQ191086
ESTs	AI103474
Unknown	
Rattus norvegicus similar to SEC61, gamma subunit (LOC367253), mRNA [XM_34	XM_346040
ESTs	AW915254
ESTs	AW915265
ESTs, Weakly similar to T34057 hypothetical protein F28B3.5 - Caenorhabditis eleg	AA956595
ESTs, Weakly similar to T23985 hypothetical protein R06F6.5b - Caenorhabditis eleg	AA963457
Rattus norvegicus similar to RIKEN cDNA 6330409N04 (MGC95134), mRNA [NM_1	NM_001009635
proteasome (prosome, macropain) subunit, alpha type 3	NM_017280
Rattus norvegicus putative 28 kDa protein (LOC289809), mRNA [NM_199083]	NM_199083
Unknown	
Rattus norvegicus similar to cytoskeleton associated protein 2; tumor-associated mi	XM_224970
ESTs	AA925469

CA338808 NISC_lx07d11.y1 NCI_CGAP_Pr51 Rattus norvegicus cDNA clone IMA CA338808
 Rattus norvegicus chromosome 1, 106 clones, strain BN/SsNHsdMCW RNOR0320 AABR03000060
 interferon-related developmental regulator 1 NM_019242
 Rattus norvegicus DR-NR#1 mRNA for Down-regulated in nephrectomized rat kidney AB108669
 Rattus norvegicus similar to translation initiation factor eIF-2 beta chain - rabbit (LOC292143) XM_345000
 Unknown
 Rattus norvegicus similar to phospholipid scramblase 3 (LOC360549), mRNA [XM_340827
 UI-R-FJ0-cpv-l-01-0-UI.r1 UI-R-FJ0 Rattus norvegicus cDNA clone UI-R-FJ0-cpv-l-01-0-UI CA510958
 Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363317), mRNA [XM_343657
 protein tyrosine phosphatase 4a1 NM_031579
 eukaryotic translation initiation factor 2, subunit 1 (alpha) NM_019356
 Protein-L-isoaspartate (D-aspartate) O-methyltransferase NM_013073
 protein phosphatase 2 (formerly 2A), regulatory subunit B (PR 52), alpha isoform NM_053999
 Rattus norvegicus similar to gamma actin-like protein (LOC289155), mRNA [XM_213911
 Rattus norvegicus similar to hypothetical protein AL133206 (LOC298500), mRNA [XM_216529
 Unknown
 Rattus norvegicus similar to CG15118-PB (LOC361699), mRNA [XM_341982] XM_341982
 ESTs, Weakly similar to T16414 hypothetical protein F48E8.2 - Caenorhabditis elegans AW527204
 Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC294046), mRNA [XM_215267
 Rattus norvegicus similar to A230072116Rik protein (LOC364598), mRNA [XM_344522
 Rattus norvegicus similar to transmembrane 4 superfamily member 6 (LOC302313) XM_217563
 Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC307023), mRNA [XM_225443
 Unknown
 cysteine knot superfamily 1, BMP antagonist 1 NM_019282
 Rattus norvegicus similar to RNA binding motif, single stranded interacting protein 1 XM_342438
 ESTs AW915744
 thioredoxin-like 2 NM_032614
 T-cell death associated gene NM_017180
 Rattus norvegicus similar to vacuolar protein sorting 26; vacuole protein sorting 26; NM_001007740
 Rattus norvegicus similar to DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 11; DE XM_346084
 Rattus sp. 3 UTR. CA509950
 Rattus norvegicus similar to small nuclear RNA activating complex, polypeptide 3, 5 XM_342855
 TGFB inducible early growth response NM_031135
 Rattus norvegicus cyclin B1 (Ccnb1), mRNA [NM_171991] NM_171991
 Rattus norvegicus similar to 60 kDa heat shock protein, mitochondrial precursor (Hsp60) XM_228167
 Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC291461), mRNA [XM_212821
 metastasis-associated GPI-anchored protein NM_021759
 Rattus norvegicus F-box only protein 11 (Fbxo11), mRNA [NM_181631] NM_181631
 ESTs, Weakly similar to T21349 hypothetical protein F25H2.8 - Caenorhabditis elegans H32128
 Rattus norvegicus similar to nuclear cap binding protein subunit 2; nuclear cap binding protein 2 XM_213591
 Liver activating protein (LAP, also NF-IL6, nuclear factor-IL6, previously designated as NF-IL6) NM_024125
 Rattus norvegicus cytokeratin 21 (Krt21), mRNA [NM_173128] NM_173128
 solute carrier family 30 (zinc transporter), member 1 NM_022853
 Rattus norvegicus similar to RIKEN cDNA 2310056K19 (LOC287738), mRNA [XM_213488
 Endothelin 1 NM_012548
 Rattus norvegicus similar to RIKEN cDNA 2310057H16 (LOC307351), mRNA [XM_225867
 dual specificity phosphatase 6 NM_053883
 Rattus norvegicus similar to adaptor-related protein complex 3, sigma 1 subunit; adaptor-related protein complex 3, sigma 1 subunit XM_217560
 Rattus norvegicus similar to D7H11orf15 protein (LOC293415), mRNA [XM_215038] XM_215038
 flag structure-specific endonuclease NM_053430
 ESTs, Highly similar to IF2B_HUMAN EUKARYOTIC TRANSLATION INITIATION FACTOR 2B (FAA901338)

ESTs, Highly similar to A Chain A, The Crystal Structure Of Human Eukaryotic Rele AI180170
Rattus norvegicus similar to IGF-II mRNA-binding protein 2 (LOC303824), mRNA [J XM_221343
unknown function BQ210920
Unknown
Rattus norvegicus similar to hypothetical protein BC015148 (LOC301381), mRNA [J XM_217391
Rattus norvegicus similar to Max dimerization protein 4 (LOC360961), mRNA [XM_:XM_341241
ESTs BE120644
Rattus norvegicus similar to Ubiquitin carboxyl-terminal hydrolase isozyme L5 (UCF XM_341130
Unknown
ESTs, Highly similar to orotidine-5'-phosphate decarboxylase [M.musculus] AA944506
Rattus norvegicus similar to myosin regulatory light chain-like (LOC316125), mRNA XM_236776
Thyroglobulin NM_030988
Unknown
Rattus norvegicus similar to p20-CGGBP (LOC288353), mRNA [XM_213679] XM_213679
ESTs, Highly similar to SC13_HUMAN SEC13-RELATED PROTEIN [H.sapiens] AA818945
Rattus norvegicus similar to FLJ23471 protein (LOC288515), mRNA [XM_221956] XM_221956
nucleoside diphosphate kinase NM_031833
Unknown
ESTs, Weakly similar to SX10 RAT TRANSCRIPTION FACTOR SOX-10 [R.norveg AI599999
Rattus norvegicus tetratricopeptide repeat domain 1 (Ttc1), mRNA [NM_001005529] NM_001005529
heat shock 70kD protein 8 NM_024351
Rattus norvegicus similar to ELAV (embryonic lethal, abnormal vision, Drosophila)-l XM_344063
Rattus norvegicus similar to Tex27 protein (LOC361816), mRNA [XM_342109] XM_342109
Rattus norvegicus similar to RIKEN cDNA 4921516M08 (LOC294694), mRNA [XM_ XM_215465
Rattus norvegicus Bcl-2 binding component 3 (Bbc3), mRNA [NM_173837] NM_173837
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC367428), mRNA [XM_ XM_346135
Rattus norvegicus similar to Gamma-soluble NSF attachment protein (SNAP-gamm XM_225881
Rattus norvegicus similar to N-acetylneuraminic acid synthase (sialic acid synthase, XM_234991
Rattus norvegicus similar to T54 protein (LOC302560), mRNA [XM_217600] XM_217600
presenilin 1 NM_019163
a disintegrin and metalloproteinase with thrombospondin motifs 1 (ADAMTS-1) NM_024400
Phosphoglycerate mutase 1 NM_053290
Rattus norvegicus similar to CDV-3B (LOC315970), mRNA [XM_236579] XM_236579
Inhibitor of DNA binding 3, dominant negative helix-loop-helix protein NM_013058
B-cell translocation gene 3 NM_019290
Unknown
Rattus norvegicus similar to interferon regulatory factor 7 (LOC293624), mRNA [XM XM_215121
ESTs AW915837
Rattus norvegicus similar to aldo-keto reductase family 1, member B8 (LOC294101 XM_220074
Rattus norvegicus similar to hypothetical protein FLJ13448 (MGC109115), mRNA [I NM_001009671
ESTs BF565662
ESTs, Highly similar to orotidine-5'-phosphate decarboxylase [M.musculus] AW916035
Unknown
Unknown
Unknown
Rattus norvegicus similar to 2600016B03Rik protein (LOC306526), mRNA [XM_224 XM_224930
Rattus norvegicus similar to stromal antigen 2 (LOC313304), mRNA [XM_233108] XM_233108
ESTs AI060241
Rattus norvegicus similar to LIV-1 protein, estrogen regulated (LOC291733), mRNA XM_214607
Rattus norvegicus similar to cytoplasmic beta-actin (LOC302827), mRNA [XM_229 XM_229147
V-1 protein NM_024374

reticulocalbin 2 NM_017132
Rattus norvegicus similar to transmembrane protease, serine 4 (LOC367074), mRNA XM_345932
Rattus norvegicus similar to RIKEN cDNA 9930118K05 (MGC95031), mRNA [NM_(NM_001007699
ESTs BF548575
Rattus norvegicus similar to RIKEN cDNA 2510010F15 (LOC367293), mRNA [XM_XM_346060
Rattus norvegicus similar to GLANDULAR KALLIKREIN 8, PROSTATIC PRECURS XM_214932
Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_223275
Rattus norvegicus proteasome 26S non-ATPase subunit 12 (Psm12), mRNA [NM_NM_001005875
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_226873
Unknown
activating transcription factor ATF-4 NM_024403
Unknown
Rattus norvegicus SERTA domain containing 1 (Sertad1), mRNA [NM_001007735] NM_001007735
Rattus norvegicus similar to PROHIBITIN (B-CELL RECEPTOR ASSOCIATED PR(XM_228492
Unknown
ESTs AA957332
Follistatin NM_012561
ESTs, Weakly similar to S46930 teg292 protein - mouse [M.musculus] AW921544
ESTs AA850031
UI-R-DY0-ckr-I-08-0-UI.s1 UI-R-DY0 Rattus norvegicus cDNA clone UI-R-DY0-ckr-I BM384331
Rattus norvegicus similar to arginine-rich, mutated in early stage tumors; EST D179 XM_236614
ESTs, Highly similar to ETV4 MOUSE POLYOMAVIRUS ENHANCER ACTIVATOR BF545627
Rattus norvegicus clone D920 intestinal epithelium proliferating cell-associated mRI U21719.1
ras-related protein NM_031090
ESTs AI101338
Rattus norvegicus actin-related protein 2 (Actr2), mRNA [NM_001009268] NM_001009268
Rattus norvegicus similar to N-terminal acetyltransferase 1 (LOC310399), mRNA [XIXM_241375
Unknown
Unknown
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC288: XM_222467
Protein kinase, interferon-inducible double stranded RNA dependent NM_019335
Rattus norvegicus similar to polynucleotide phosphorylase-like protein (LOC360992 XM_341266
Protein kinase, cAMP dependent, regulatory, type 1 NM_013181
similar to GMP synthetase BQ204943
Distal-less homeobox NM_012943
Rattus norvegicus chloride intracellular channel 1 (Clic1), mRNA [NM_001002807] NM_001002807
ESTs BE106220
Q91VN7 (Q91VN7) Max dimerization protein 4, complete [TC468818]
Rattus norvegicus ubiquitin specific protease 15 (Usp15), mRNA [NM_145184] NM_145184
BQ208148 UI-R-EP0-coa-f-19-0-UI.s1 UI-R-EP0 Rattus norvegicus cDNA clone UI- BQ208148
Rattus norvegicus similar to Ki antigen (LOC287716), mRNA [XM_213461] XM_213461
Rattus norvegicus similar to RIKEN cDNA 2410004J23 (LOC287768), mRNA [XM_XM_213506
EST, Moderately similar to T12524 hypothetical protein DKFZp434L013.1 [H.sapie BE116198
Rattus norvegicus similar to ARP2/3 complex 21 kDa subunit (P21-ARC) (Actin-rela XM_213782
ESTs BI294824
Rattus norvegicus similar to RIKEN cDNA B230114J08 (LOC360698), mRNA [XM_XM_340968
unknown function BQ204181
Rattus norvegicus similar to hypothetical protein D5Ertd33e (LOC304542), mRNA [XM_222227
Rattus norvegicus similar to cytoplasmic beta-actin (LOC298169), mRNA [XM_2331 XM_233107
A36949 28.9K basic DNA-binding protein - Mycobacterium scrofulaceum plasmid pMSC262
Rattus norvegicus LOC361792 (LOC361792), mRNA [XM_347002] XM_347002

Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC310385), mRNA [XM_227125
 ESTs, Moderately similar to T46465 hypothetical protein DKFZp434A0530.1 [H.sap AW915543
 Cell division cycle control protein 2 NM_019296
 ESTs, Highly similar to SKD1 MOUSE SKD1 PROTEIN [M.musculus] BF394175
 Rattus norvegicus ATPase, H⁺ transporting, lysosomal 34kDa, V1 subunit D (Atp6v NM_199386
 translocase of inner mitochondrial membrane 8 (yeast) homolog A NM_053370
 Unknown
 Rattus norvegicus similar to Histone H2B 291B (LOC364720), mRNA [XM_344597] XM_344597
 DnaJ-like protein BG668811
 Rattus norvegicus cDNA clone MGC:94093 IMAGE:7125106, complete cds. [BC08 BC081964
 Rattus norvegicus similar to cDNA sequence BC025474 (LOC361866), mRNA [XM_XM_342160
 Rattus norvegicus proteasome (prosome, macropain) 26S subunit, non-ATPase, 9 (NM_130430
 G protein gamma-5 subunit NM_024377
 ESTs BF281925
 transforming growth factor-beta (TGF-beta) masking protein large subunit NM_021587
 MIPP65 protein NM_022607
 inhibitor of apoptosis protein 1 NM_023987
 Rattus norvegicus similar to Nucleoside diphosphate kinase B (NDK B) (NDP kinase) XM_345974
 ESTs AI230806
 Rattus norvegicus histone acetyltransferase 1 (Hat1), mRNA [NM_001009657] NM_001009657
 Rattus norvegicus similar to CDV-3B (LOC315970), mRNA [XM_236579] XM_236579
 Glyceraldehyde-3-phosphate dehydrogenase NM_017008
 Rattus norvegicus TAF9 RNA polymerase II, TATA box binding protein (TBP)-associated NM_184048
 Rattus norvegicus expressed in non-metastatic cells 1 (Nme1), mRNA [NM_138548] NM_138548
 protein kinase inhibitor p58 NM_022232
 Rattus norvegicus similar to Cc2-17 (LOC362292), mRNA [XM_342606] XM_342606
 ESTs, Weakly similar to T26638 hypothetical protein Y37D8A.2 - Caenorhabditis elegans BI285791
 ESTs AI501238
 ESTs AW144410
 Unknown
 Rattus norvegicus similar to Ly1 antibody reactive clone (LOC289707), mRNA [XM_XM_214063
 myosin regulatory light chain NM_017343
 Low molecular mass polypeptide 2 NM_012708
 Rattus norvegicus similar to RIKEN cDNA 3230401O13 (LOC293484), mRNA [XM_XM_215080
 Rattus norvegicus similar to NADH dehydrogenase (ubiquinone) 1 alpha subcomplex XM_215814
 Rattus norvegicus similar to DnaJ (Hsp40) homolog, subfamily D, member 1 (LOC2 XM_214238
 ESTs BF544951
 Rattus norvegicus similar to A230072I16Rik protein (LOC287593), mRNA [XM_213 XM_213411
 Rattus norvegicus thioredoxin-like (32kD) (Txn1), mRNA [NM_080887] NM_080887
 immediate early gene transcription factor NGFI-B NM_024388
 ESTs AW918264
 Rattus norvegicus olfactory receptor gene Oir1452 (Oir1452), mRNA [NM_0010007 NM_001000773
 Thrombin receptor NM_012950
 isocitrate dehydrogenase 3 (NAD⁺) alpha NM_053638
 Unknown
 Rattus norvegicus similar to citrate synthase; citrate synthase precursor (LOC29975 XM_235086
 Rattus norvegicus similar to HN1-like protein (LOC360492), mRNA [XM_340766] XM_340766
 Rattus norvegicus similar to Histone H2B 291B (LOC295278), mRNA [XM_227463] XM_227463
 Rattus norvegicus similar to hypothetical protein FLJ21103 (LOC315549), mRNA [X XM_235990
 kinase interacting with leukemia-associated gene (stathmin) NM_017293
 mitogen activated protein kinase 1 NM_053842

Tumor-associated glycoprotein pE4 NM_017076
 Rattus norvegicus similar to centromere protein A (LOC298850), mRNA [XM_216657 XM_216657
 mitogen activated protein kinase 1 NM_053842
 Rattus norvegicus similar to RIKEN cDNA 1110056N09 (LOC302804), mRNA [XM_229122
 ESTs BI297410
 Rattus norvegicus olfactomedin 3 (Olfm3), mRNA. NM_145777
 Rattus norvegicus similar to tRNA exportin; EXPORTIN-T (LOC314879), mRNA [XM_235185
 Rattus norvegicus guanylate binding protein 2, interferon-inducible (Gbp2), mRNA [NM_133624
 Rat mRNA for dihydroorotase, partial cds. BM391890
 ESTs AA899565
 Rattus norvegicus similar to Hbs1l protein (LOC293408), mRNA [XM_215034] XM_215034
 ESTs BE115624
 Rattus norvegicus similar to hypothetical protein FLJ37953 (LOC301419), mRNA [XM_217397
 Q31236 (Q31236) MHC class I T7 antigen (Fragment), partial (35%) [TC482933]
 ESTs AI112947
 Rattus norvegicus wingless-type MMTV integration site 7A (Wnt7a), mRNA [XM_342723
 Unknown
 Rattus norvegicus similar to RIKEN cDNA 4930586I02 (LOC314405), mRNA [XM_234481
 similar to Protein:NP_065090 PEST-containing nuclear protein [Homo sapiens]. scc CB545224
 phospholamban NM_022707
 Rattus norvegicus similar to peptidylprolyl isomerase D (cyclophilin D) (LOC289172 XM_222829
 ESTs, Highly similar to T00079 hypothetical protein KIAA0465 [H.sapiens] AA858740
 Rattus norvegicus BCL2-related protein A1 (Bcl2a1), mRNA [NM_133416] NM_133416
 ESTs AW141388
 Rattus norvegicus similar to Protein translation factor SUI1 homolog (LOC361563), XM_341846
 Q7TQ12 (Q7TQ12) Aa1114, partial (10%) [TC462241]
 ESTs BI289678
 similar to Protein:NP_082157 oxysterol-binding protein-like protein 3; oxysterol-bind CB605887
 Rattus norvegicus ATPase, H⁺ transporting, lysosomal (vacuolar proton pump), bet NM_057213
 ESTs AI556941
 Rattus norvegicus 25 oligoadenylate synthetase (Oas1), mRNA. NM_138913
 Rattus norvegicus similar to Nucleoside diphosphate kinase B (NDK B) (NDP kinase XM_344449
 Rattus norvegicus similar to peroxiredoxin 1 (LOC299251), mRNA [XM_213073] XM_213073
 PRKC, apoptosis, WT1, regulator NM_033485
 Rattus norvegicus similar to heterogeneous nuclear ribonucleoprotein A2/B1 (LOC3230540
 DNA-damage-inducible transcript 1 NM_024127
 Rattus norvegicus similar to Eukaryotic translation initiation factor 3 subunit 1 (eIF-3 XM_230523
 Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_214456
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_234091
 AW915416 EST346720 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone BC086430
 Transforming growth factor beta stimulated clone 22 AW143698
 Rattus norvegicus similar to RIKEN cDNA 1110008F13 (LOC296315), mRNA [XM_215904
 proteasome (prosome, macropain) subunit, alpha type 6 NM_017283
 Rattus norvegicus similar to nicotinic acetylcholine receptor-associated 46K protein XM_215773
 Rattus norvegicus similar to Eukaryotic translation initiation factor 4 gamma 2 (eIF-4 XM_223854
 Rattus norvegicus similar to RIKEN cDNA 2310034L21 (LOC296290), mRNA [XM_215892
 ESTs BF548328
 Rattus norvegicus osteoclast stimulating factor 1 (Ostf1), mRNA. NM_148892
 Unknown
 Rattus norvegicus cyclin B1 (Ccnb1), mRNA [NM_171991] NM_171991
 Rattus norvegicus similar to 2810407K09Rik protein (LOC293511), mRNA [XM_215090

Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta pc NM_013052
 ESTs, Weakly similar to T21079 hypothetical protein F17H10.1 - Caenorhabditis ele BF563417
 ESTs AA996838
 Rattus norvegicus similar to transgelin 2; SM22-alpha homolog (LOC304983), mRNA XM_222906
 R.norvegicus mRNA for hypoxanthine-guanine phosphoribosyltransferase. BQ203725
 ESTs, Highly similar to UBIQUITIN-CONJUGATING ENZYME E2-17 KD [R.norvegi BE111651
 Calmodulin 1 (phosphorylase kinase, delta) NM_031969
 Rattus norvegicus similar to hypothetical protein FLJ38482 (LOC361137), mRNA [X XM_341423
 Rattus norvegicus similar to vesicle trafficking protein sec22b (LOC310710), mRNA XM_227499
 Rattus norvegicus microtubule-associated protein, RP/EB family, member 1 (Mapre NM_138509
 Rattus norvegicus similar to Proteasome subunit alpha type 6 (Proteasome iota cha XM_212707
 Rattus norvegicus similar to Chain A, T13s Mutant Of Bovine 70 Kilodalton Heat Sh XM_224824
 Rattus norvegicus hypoxanthine guanine phosphoribosyl transferase (Hprt), mRNA NM_012583
 ESTs AI511259
 Rattus norvegicus similar to NUF2R protein (LOC304951), mRNA [XM_222860] XM_222860
 Rattus norvegicus similar to osteoclast stimulating factor 1 (LOC289198), mRNA [X XM_212730
 Rattus norvegicus similar to Hspca protein (LOC315370), mRNA [XM_235741] XM_235741
 Rattus norvegicus similar to MHR23B (LOC298012), mRNA [XM_216381] XM_216381
 platelet-activating factor acetylhydrolase alpha 2 subunit (PAF-AH alpha 2) NM_022387
 DnaJ (Hsp40) homolog, subfamily A, member 2 NM_032079
 Fos-like antigen 1 NM_012953
 Rattus norvegicus diacylglycerol O-acyltransferase 1 (Dgat1), mRNA [NM_053437] NM_053437
 Rattus norvegicus similar to RIKEN cDNA 2500002L14; EST C77350 (MGC94464), NM_001007647
 Rattus norvegicus similar to GAS2-related protein isoform beta (LOC360973), mRNA XM_341251
 Rattus norvegicus archain (Arcn1), mRNA [NM_001007662] NM_001007662
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC307; XM_225724
 Unknown
 Rattus norvegicus myeloid differentiation primary response gene 116 (Myd116), mF NM_133546
 Rattus norvegicus similar to ubiquitin-conjugating enzyme E2C; DNA segment, Chr XM_215924
 similar to mouse RIKEN cDNA 2610528M18Rik gene, clone MGC:27944 IMAGE:3f BQ201720
 ESTs, Weakly similar to CGB2 MOUSE G2/MITOTIC-SPECIFIC CYCLIN B2 [M.mu AI044806
 ESTs, Moderately similar to TRI3_HUMAN THYROID RECEPTOR INTERACTING AI144623
 Unknown
 Rattus norvegicus similar to Arginyl-tRNA synthetase (LOC287191), mRNA [XM_21 XM_213276
 similar to Translation of nuc:BC024726_1 Mus musculus, clone MGC:38936 IMAGE CB548133
 Rattus norvegicus similar to CENTRIOLIN (LOC311886), mRNA [XM_231168] XM_231168
 Rattus norvegicus similar to apoptosis signal-regulating kinase 2 (LOC313022), mR XM_232732
 ESTs, Weakly similar to DIA1_HUMAN DIAPHANOUS PROTEIN HOMOLOG 1 [H. AW143515
 unknown function BQ781225
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC314; XM_234405
 Rattus norvegicus similar to Nucleolar protein Nop56 (Nucleolar protein 5A) (LOC3f XM_342517
 ESTs AW142368
 integrin-associated protein NM_019195
 Rattus norvegicus similar to Histone acetyltransferase type B catalytic subunit (LOC XM_345647
 ESTs BG671341
 transcription elongation factor B (SIII) polypeptide 2 (18kD, elongin B) NM_031129
 Rattus norvegicus potassium channel regulator 1 (LOC245960), mRNA. NM_139101
 Rattus norvegicus phospholipase C, delta 4 (Plcd4), mRNA. NM_080688
 UBIQUITIN SPECIFIC PROTEASE 15. [Source:RefSeq;Acc:NM_145184] [ENSRNOT00000031191]
 Rattus norvegicus similar to KIAA0437 (LOC364903), mRNA [XM_344704] XM_344704
 ESTs BF543360

calpactin I heavy chain NM_019905
 Testis enhanced gene transcript X75855
 Unknown
 Rattus norvegicus similar to Glycerdehyde 3-phosphate dehydrogenase (GAPDH) XM_223471
 ESTs, Weakly similar to MALATE OXIDOREDUCTASE [R.norvegicus] AI575071
 Unknown
 Rattus norvegicus OL-64 protein (Serpina12), mRNA [NM_138825] NM_138825
 Rattus norvegicus similar to RIKEN cDNA 1300013G12 (LOC304766), mRNA [XM_XM_222627
 Rattus norvegicus DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 1 (Ddx1), mRNA XM_343037
 Rattus norvegicus MAP/microtubule affinity-regulating kinase 3 (Mark3), mRNA [NM_NM_130749
 ESTs AW433572
 Rattus norvegicus similar to Tceb2 protein (LOC290772), mRNA [XM_224889] XM_224889
 Rattus norvegicus similar to SEC61, gamma subunit (LOC367253), mRNA [XM_341 XM_346040
 Rattus norvegicus similar to ethanol induced 6 (LOC316643), mRNA [XM_237424] XM_237424
 ESTs AI556201
 Rattus norvegicus similar to adenomatosis polyposis coli down-regulated 1; hypothet XM_225882
 Rattus norvegicus TOM70 protein (TOM70), mRNA [NM_212519] NM_212519
 timeless (Drosophila) homolog NM_031340
 cofilin 1, non-muscle NM_017147
 ESTs, Weakly similar to T23140 hypothetical protein H38K22.2b - Caenorhabditis e AI385364
 Rattus norvegicus preconditioning-inducible gene 1 protein (PIG-1), mRNA. NM_134394
 UI-R-FJ0-cpv-l-01-0-UI.r1 UI-R-FJ0 Rattus norvegicus cDNA clone UI-R-FJ0-cpv-l-(CA510958
 Glycerdehyde-3-phosphate dehydrogenase NM_017008
 Rattus norvegicus similar to Vrk1 protein (LOC362779), mRNA [XM_343106] XM_343106
 ESTs, Weakly similar to T31434 densin-180 - rat [R.norvegicus] AW920702
 Rattus norvegicus 1-acylglycerol-3-phosphate O-acyltransferase 1 (lysophosphatidi NM_133406
 Rattus norvegicus polyubiquitin (Loc192255), mRNA. NM_138895
 Rattus norvegicus similar to RIKEN cDNA 2210409E12 (LOC366634), mRNA [XM_XM_345678
 Rattus norvegicus RT1 class II, locus Db1 (RT1-Db1), mRNA [NM_001008884] NM_001008884
 vesicle-associated membrane protein, associated protein A (33 kDa) NM_031631
 ESTs, Weakly similar to S02003 neurofilament triplet H protein - rat [R.norvegicus] H31541
 Rattus norvegicus similar to ALY (LOC287878), mRNA [XM_213542] XM_213542
 Rattus norvegicus similar to hypothetical protein MGC36325 (LOC291736), mRNA | XM_214609
 Rattus norvegicus similar to serine hydroxymethyl transferase 1 (soluble) (LOC287 XM_213324
 Rattus norvegicus cyclin D1 (Ccnd1), mRNA [NM_171992] NM_171992
 Rattus norvegicus similar to Nucleophosmin (NPM) (Nucleolar phosphoprotein B23) XM_213108
 proteasome (prosome, macropain) subunit, beta type, 2 NM_017284
 Rattus norvegicus similar to Yippee homolog (CGI-127) (LOC298792), mRNA [XM_XM_216641
 ESTs, Weakly similar to S64253 probable membrane protein YGL231c - yeast (Sac AI228947
 Rattus norvegicus transporter 1, ATP-binding cassette, sub-family B (MDR/TAP) (T: NM_032055
 Rattus norvegicus similar to nicotinamide N-methyltransferase (LOC300691), mRNA/ XM_217138
 Rattus norvegicus similar to H2B histone family, member T; histone family member XM_225374
 ESTs AA859497
 ESTs, Highly similar to PFD4_HUMAN PREFOLDIN SUBUNIT 4 (PROTEIN C-1) [F AW141147
 Rattus norvegicus similar to heterogeneous nuclear ribonucleoprotein G - human (L XM_226369
 Unknown
 Rattus norvegicus similar to cofactor required for Sp1 transcriptional activation, sub XM_220335
 Unknown
 Rattus norvegicus similar to 60 kDa heat shock protein, mitochondrial precursor (Hs XM_229115
 Rattus norvegicus cDNA clone MGC:94020 IMAGE:7121584, complete cds. [BC08: BC081947
 EST293323 Normalized rat embryo, Bento Soares Rattus sp. cDNA clone RGIBB9: AW143028

Rattus norvegicus similar to claudin-9 (LOC287099), mRNA [XM_220203] XM_220203
 Rattus norvegicus similar to CYTIDINE DEAMINASE (CYTIDINE AMINOHYDROLA XM_342955
 Rattus norvegicus ubiquitin-activating enzyme E1-domain containing 1 (Ube1dc1), rNM_001009669
 Rattus norvegicus similar to transcription elongation factor B (SIII) polypeptide 2 (18 XM_345990
 Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC301748), mRNA [XM_XM_217497
 Nucleoplasmin-related protein (Nuclear protein B23 NM_012992
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_219750
 unknown function BQ207420
 Rattus norvegicus similar to mena protein (LOC360891), mRNA [XM_341165] XM_341165
 Rattus norvegicus similar to Tceb2 protein (LOC287618), mRNA [XM_220759] XM_220759
 mannosyl (alpha-1,6-)-glycoprotein beta-1,2-N-acetylglucosaminyltransferase NM_053604
 Rattus norvegicus glutathione synthetase (Gss), mRNA [NM_012962] NM_012962
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC3641 XM_344586
 Unknown
 similar to Protein:NP_080455 RIKEN cDNA 1300003D03 gene [Mus musculus]. scc CB605819
 Rattus norvegicus similar to Ras-related protein Rab-1A (YPT1-related protein) (LO XM_229263
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_235346
 S-100 related protein, clone 42C NM_031114
 Rattus norvegicus similar to microtubule-actin crosslinking factor (LOC298511), mR XM_216526
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC289 XM_213991
 Rattus norvegicus Unknown (protein for MGC:72968) (MGC72968), mRNA [NM_19 NM_198730
 Rattus norvegicus SDA1 domain containing 1 (Sdad1), mRNA [NM_001006958] NM_001006958
 Rattus norvegicus RAS related protein 1b (Rap1b), mRNA [NM_134346] NM_134346
 Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (Eif4a1), mR NM_199372
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_346342
 Rattus norvegicus eukaryotic translation initiation factor 4A, isoform 1 (Eif4a1), mR NM_199372
 ESTs AA923925
 Rattus norvegicus similar to dJ1174N9.1 (novel protein with IBR domain) (LOC313 XM_233761
 Rattus norvegicus similar to Cytochrome c, somatic (LOC293174), mRNA [XM_218 XM_218990
 Rattus norvegicus similar to Protein translation factor SUI1 homolog (LOC287703), XM_213456
 ESTs, Highly similar to G01932 queuine tRNA-ribosyltransferase [H.sapiens] AA964368
 BQ202972 UI-R-DN1-cmt-c-07-0-UI.s1 UI-R-DN1 Rattus norvegicus cDNA clone U BQ202972
 gamma-aminobutyric acid (GABA-A) receptor, subunit delta NM_017289
 transcription elongation factor B (SIII) polypeptide 2 (18kD, elongin B) NM_031129
 EST345853 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RGIAH77 5 AW914549
 Rattus norvegicus similar to eukaryotic translation elongation factor 1 epsilon 1 (LO XM_232665
 ESTs BF552453
 ESTs BF564921
 ESTs, Weakly similar to RB46 MOUSE HISTONE ACETYLTRANSFERASE TYPE I AW915551
 Rattus norvegicus similar to 0910001A06Rik protein (LOC299909), mRNA [XM_21 XM_216922
 Rattus norvegicus similar to U3 snoRNP-associated protein (LOC363134), mRNA [XM_343469
 ESTs AW144345
 Rattus norvegicus similar to Alpha enolase (2-phospho-D-glycerate hydro-lyase) (N XM_227366
 similar to GCGPROT:Q9Z105 PROTEIN PHOSPHATASE-1 REGULATORY SUBU CB545120
 Rattus norvegicus similar to 5-azacytidine induced gene 2 (LOC316051), mRNA [XI XM_236698
 C79B_MOUSE B-cell antigen receptor complex associated protein beta-chainprecursor (B-cell-specific
 ESTs AA964547
 ESTs AI231476
 Rattus norvegicus similar to RIKEN cDNA 1110021N07 (LOC362912), mRNA [XM_XM_343242
 Rattus norvegicus similar to YY1 associated factor 2 (LOC362989), mRNA [XM_34 XM_343319
 Hemoglobin, alpha 1 NM_013096

ESTs AW144474
Rattus norvegicus olfactory receptor gene Olr1433 (Olr1433), mRNA [NM_0010005 NM_001000525
Rattus norvegicus heat shock protein 1, alpha (Hspca), mRNA [NM_175761] NM_175761
Unknown
Rattus norvegicus similar to E3 ligase for inhibin receptor (LOC362736), mRNA [XM XM_343060
ESTs AA858471
prostaglandin-endoperoxide synthase 2 NM_017232
R.norvegicus mRNA for 3'UTR of amiloride sensitive sodium channel protein. X89818
Unknown
Rattus norvegicus similar to RIKEN cDNA 2410141F18 (LOC298144), mRNA [XM_ XM_216426
Rattus norvegicus zinc responsive protein ZD7 (LOC474154), mRNA [NM_0010070 NM_001007014
similar to Translation of nuc:AK021301_1 Mus musculus 13 days embryo stomach (BU758374
ESTs BG377688
Unknown
nuclear pore complex protein NM_053830
Rattus norvegicus similar to RIKEN cDNA 1500016H10 (LOC363388), mRNA [XM_ XM_343723
apelin NM_031612
Rattus norvegicus olfactory receptor gene Olr821 (Olr821), mRNA [NM_001000842 NM_001000842
ESTs AI071855
Rattus norvegicus integral membrane protein 2B (Itm2b), mRNA [NM_001006963] NM_001006963
signal sequence receptor, delta NM_017199
Rattus norvegicus similar to ret finger protein (LOC291171), mRNA [XM_214485] XM_214485
Rattus norvegicus similar to Ubce8 protein (LOC295704), mRNA [XM_215762] XM_215762
Rattus norvegicus ERO1-like (*S. cerevisiae*) (Ero1), mRNA [NM_138528] NM_138528
ESTs BF389478
Rattus norvegicus similar to arginine-rich, mutated in early stage tumors; EST D179 XM_236614
SYY_AQUAE Tyrosyl-tRNA synthetase (Tyrosine--tRNA ligase) (TyrRS). {*Aquifex aeolicus*;}, partial (
Rattus norvegicus similar to RIKEN cDNA 1700001E04 (LOC363321), mRNA [XM_ XM_343661
ESTs BE118386
phosphatidylinositol transfer protein NM_017231
ESTs BF281809
Rattus norvegicus similar to hypothetical protein FLJ20436 (LOC302332), mRNA [X XM_228457
Unknown
proteasome (prosome, macropain) subunit, alpha type 5 NM_017282
Rattus norvegicus similar to S-phase kinase-associated protein 1A isoform b; organ XM_344771
Rattus norvegicus similar to ribosomal protein L37 (LOC309163), mRNA [XM_2195 XM_219512
Rattus norvegicus similar to DNA-binding protein p9 - mouse (LOC364278), mRNA XM_344312
Rattus norvegicus similar to Set alpha isoform (LOC288330), mRNA [XM_221736] XM_221736
Rattus norvegicus similar to 4632419K20Rik protein (MGC94288), mRNA [NM_001 NM_001005538
Rattus norvegicus similar to 26S proteasome subunit p40.5 (LOC365388), mRNA [XM_344976
Rattus norvegicus Integrin beta 7 (Itgb7), mRNA [XM_343336] XM_343336
Transforming growth factor, alpha NM_012671
Rattus norvegicus olfactory receptor gene Olr1401 (Olr1401), mRNA [NM_0010000 NM_001000003
ADP-ribosylation factor 4 NM_024151
ESTs BF548552
R.norvegicus N-ras1.2ep pseudogene. X68396
Rattus norvegicus similar to cullin 3 (LOC301555), mRNA [XM_217454] XM_217454
Rattus norvegicus similar to Tetraspan NET-5 (LOC312728), mRNA [XM_232372] XM_232372
similar to Translation of nuc:BC031132_1 Mus musculus, cDNA sequence AF233884, clone MGC:371
Rattus norvegicus similar to proteasome 26S non-ATPase subunit 8 (LOC292766), XM_214888
Unknown

ESTs	BF549037
Protein phosphatase 1, catalytic subunit, beta isoform	NM_013065
Rattus norvegicus similar to Heat shock cognate 71 kDa protein (LOC305639), mRNA	XM_223759
ESTs	AW144704
ESTs, Highly similar to T01238 hypothetical protein KIAA0593 [H.sapiens]	AI105643
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho	XM_343421
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho	XM_230775
Rattus norvegicus similar to SDF2 like protein 1 (LOC287936), mRNA	[XM_237828 XM_237828
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC311	XM_230014
phospholipase A2, activating protein	NM_053866
Rattus norvegicus zinc responsive protein ZD10B (ZD10B), mRNA	[NM_001005381 NM_001005381
Rattus norvegicus similar to chromosome 20 open reading frame 140 (MGC94895),	NM_001004281
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC317	XM_228411
ESTs	BG668164
Unknown	
Rattus norvegicus similar to proteasome 26S ATPase subunit 6 (LOC289990), mRNA	XM_214147
Rattus norvegicus similar to calyculin binding protein (MGC93921), mRNA	[NM_001001004 NM_001004208
Rattus norvegicus GTP cyclohydrolase I feedback regulatory protein (Gchfr), mRNA	NM_133595
similar to Mouse, clone MGC:36900 IMAGE:4935223, mRNA, complete cds.	BQ207246
ATPase, Ca ⁺⁺ transporting, cardiac muscle, slow twitch 2	NM_017290
ESTs, Weakly similar to T15332 hypothetical protein B0336.5 - Caenorhabditis eleg	AW526652
platelet-activating factor acetylhydrolase beta subunit (PAF-AH beta)	NM_031763
similar to Protein:NP_003788 embryonic ectoderm development; embryonic ectode	CB545864
Rattus norvegicus O-linked mannose beta1,2-N-acetylglucosaminyltransferase (MGC	NM_001007747
ubiquitin fusion degradation 1-like	NM_053418
ESTs, Highly similar to CYSTEINE-RICH INTESTINAL PROTEIN [R.norvegicus]	BF550246
phosphatidylinositol transfer protein, beta	NM_053742
ESTs, Weakly similar to T24897 hypothetical protein T13H5.2 - Caenorhabditis eleg	AI101462
Unknown	
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho	XM_225406
unknown function	BQ208294
ESTs, Weakly similar to NID2 MOUSE NIDOGEN-2 PRECURSOR [M.musculus]	AW253721
ESTs, Moderately similar to CYCLIN-DEPENDENT KINASE INHIBITOR 1C [M.mu	AI599589
Rattus norvegicus similar to translocator of inner mitochondrial membrane 17a; tran	XM_345681
Unknown	
26S proteasome, subunit p112	NM_031978
Rattus norvegicus similar to DNA segment, Chr 13, Wayne State University 50, exp	XM_214417
Rattus norvegicus similar to block of proliferation 1 (LOC300050), mRNA	[XM_216999 XM_216999
Rattus norvegicus similar to hypothetical protein FLJ20487 (MGC105864), mRNA	[NM_001008371
Unknown	
Unknown	
Rattus norvegicus Vps24p protein (LOC282834), mRNA	[NM_172331
Q9ERK2 (Q9ERK2) Neprilysin-like peptidase gamma, partial (3%)	[TC470302]
ESTs, Highly similar to S57500 signal recognition particle - mouse [M.musculus]	AI104291
regulator of G-protein signaling 5	NM_019341
GTP-binding protein ragB	NM_053972
ganglioside expression factor 2	NM_022706
ESTs	BG671963
Rattus norvegicus similar to DNA-directed RNA polymerases I, II, and III 7.0 kDa p	XM_219604
ESTs	AI407429
Rattus norvegicus similar to mDj4 (LOC362293), mRNA	[XM_342607
	XM_342607

glycoprotein 110 NM_031708
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_234844
Rattus norvegicus similar to nucleolar protein family A, member 2 (LOC287273), mRNA XM_213293
METHIONINE AMINOPEPTIDASE 2 (EC 3.4.11.18) (METAP 2) (PEPTIDASE M 2) (INITIATION FAC
ESTs, Moderately similar to T42646 hypothetical protein DKFZp727K171.1 [H.sapie AW142434
nucleoporin 155kD NM_053952
Rattus norvegicus similar to dim1 (LOC291415), mRNA [XM_214528] XM_214528
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC3131 XM_232707
Rattus norvegicus similar to heat shock protein 60 (liver); heat shock 60kD protein 1 XM_227671
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_227696
Rattus norvegicus similar to ataxia telangiectasia and Rad3 related protein; Rad3 re XM_236563
proteasome (prosome, macropain) subunit, alpha type 6 NM_017283
Rattus norvegicus similar to Cytochrome c, somatic (LOC290019), mRNA [XM_223 XM_223985
Rattus norvegicus similar to transcription elongation factor B (SIII) polypeptide 2 (18 XM_345894
ESTs BF557668
Rattus norvegicus similar to RIKEN cDNA 6720458F09 gene (MGC94251), mRNA |NM_001007706
Rattus norvegicus similar to TBP-binding protein ABT1 (LOC306960), mRNA [XM_2 XM_225368
EST291378 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RGIBO29 5 AW141337
ESTs, Highly similar to PROTEIN TRANSLATION FACTOR SUI1 HOMOLOG [M.m AW141315
Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_221353
ESTs AW531363
Unknown
Rattus norvegicus similar to Chain , Human Translation Initiation Factor Eif1, Nmr, XM_226770
EST BE099797
Rattus norvegicus similar to RIKEN cDNA 0610016J10 gene (LOC298787), mRNA XM_216638
Rattus norvegicus similar to magnesium-dependent phosphatase-1 (LOC290230), r XM_214200
acidic calponin AA944422
Rattus norvegicus glia maturation factor, gamma (Gmfg), mRNA [NM_181091] NM_181091
Rattus norvegicus pR-ET2 encoded oncodevelopmental protein (Loc192269), mRNA NM_001009618
Rattus norvegicus WD repeat domain 12 (Wdr12), mRNA [NM_199410] NM_199410
Troponin T, cardiac NM_012676
Rattus norvegicus similar to hypothetical protein A (LOC303908), mRNA [XM_2214 XM_221407
Unknown
acidic calponin AA944422
Rattus norvegicus LIS1-interacting protein NUDEL; endooligopeptidase A (Nudel), r NM_133320
similar to Translation of nuc:BC020161_1 Mus musculus, clone MGC:28191 IMAGE CB547106
ESTs AW141214
Rattus norvegicus similar to DNA replication licensing factor MCM3 (DNA polymera XM_236988
HISTONE H4. [Source:SWISSPROT;Acc:P02304] [ENSRNOT00000032660]
Rattus norvegicus similar to Ac1-163 (LOC317588), mRNA [XM_229142] XM_229142
Unknown
heat shock protein 60 (liver) NM_022229
Rattus norvegicus similar to SoxLZ/Sox6-binding protein Solt (LOC294712), mRNA XM_215471
Avian sarcoma virus 17 (v-jun) oncogene homolog NM_021835
cytochrome b5, outer mitochondrial membrane isoform NM_030586
Rattus norvegicus similar to RIKEN cDNA 9030407H20 (LOC362420), mRNA [XM_ XM_342740
Rattus norvegicus similar to 2010003J03Rik protein (MGC94083), mRNA [NM_001 NM_001008305
ESTs AW919125
Unknown
Rattus norvegicus similar to 3-5 exonuclease TREX1 (LOC367170), mRNA [XM_34 XM_345983
Rattus norvegicus similar to Nucleophosmin (NPM) (Nucleolar phosphoprotein B23) XM_212905

Rattus norvegicus similar to endothelial-derived gene 1 (LOC305391), mRNA [XM_ XM_223463
 lin-7-C NM_021851
 ESTs, Moderately similar to Y101_HUMAN HYPOTHETICAL PROTEIN KIAA0101 AI230347
 proteasome (prosome, macropain) subunit, alpha type 1 NM_017278
 Rattus norvegicus similar to C-terminal tensin-like (LOC303517), mRNA [XM_23934 XM_239343
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC297 XM_216321
 Unknown
 Rattus norvegicus similar to 60 kDa heat shock protein, mitochondrial precursor (Hs XM_212804
 Rattus norvegicus similar to synaptophysin-like protein; pantophysin; Pan I; DNA se XM_345656
 Rattus norvegicus similar to SKD1 (LOC360834), mRNA [XM_341107] XM_341107
 Heat shock 10 kD protein 1 (chaperonin 10) NM_012966
 Unknown
 ESTs BG667330
 heat shock protein 60 (liver) NM_022229
 Rattus norvegicus similar to cDNA sequence BC020002 (LOC362324), mRNA [XM_ XM_342642
 Rattus norvegicus DEXRAS1 (Dexas1) (Rasd1), mRNA [XM_340809] XM_340809
 Unknown
 Rattus norvegicus similar to CCTtheta, theta subunit of the chaperonin containing T XM_213673
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_233295
 Rattus norvegicus similar to hippostasin prostate type (LOC292849), mRNA [XM_2 XM_218645
 Rattus norvegicus similar to Nasp protein (LOC302730), mRNA [XM_229014] XM_229014
 long-chain fatty acid coenzyme A ligase 5 NM_053607
 Rattus norvegicus similar to mKIAA0849 protein (LOC312938), mRNA [XM_232642 XM_232642
 ubiquitin-conjugating enzyme E2D 2 NM_031001
 occludin NM_031329
 Unknown
 Rattus norvegicus similar to hypothetical protein MGC36997 (LOC364184), mRNA | XM_344256
 Rattus norvegicus similar to small nuclear RNA activating complex, polypeptide 3, 5 XM_342855
 UI-R-Y0-vn-d-05-0-UI.r1 UI-R-Y0 Rattus norvegicus cDNA clone UI-R-Y0-vn-d-05-0 BF523428
 Rattus norvegicus 14-3-3 protein beta-subtype (Ywhab), mRNA. NM_019377
 Rattus norvegicus similar to hypothetical protein MGC10646 (LOC301796), mRNA | XM_229267
 Rattus norvegicus MORF-related gene X (Morf4I2), mRNA [NM_001007714] NM_001007714
 Rattus norvegicus similar to Irepo4-pending protein (LOC362154), mRNA [XM_34 XM_342454
 UI-R-A1-ee-a-09-0-UI.r1 UI-R-A1 Rattus norvegicus cDNA clone UI-R-A1-ee-a-09-0 BF550228
 Rattus norvegicus Mk1 protein (Mk1), mRNA [NM_134399] NM_134399
 Rattus norvegicus unknown mRNA sequence. BQ205155
 Rattus norvegicus similar to karyopherin beta 3; Ran_GTP binding protein 5; import XM_344478
 similar to Mouse lysosomal thiol reductase IP30 precursor, mRNA, partial cds. BM392398
 Rattus norvegicus proteasome (prosome, macropain) 26S subunit, ATPase, 4 (Psr NM_057122
 ESTs, Highly similar to SMD1_HUMAN SMALL NUCLEAR RIBONUCLEOPROTEIN AI102591
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_222813
 Rattus norvegicus clone UI-R-FJ0-cpu-i-10-0-UI unknown mRNA. [AY724476] AY724476
 Rattus norvegicus mitochondrial ribosomal protein L17 (Mrpl17), mRNA [NM_13353 NM_133539
 Rattus norvegicus similar to Vesicular integral-membrane protein VIP36 precursor (XM_214428
 Rattus norvegicus similar to heterogeneous nuclear ribonucleoprotein D-like; A+U-r XM_223190
 ESTs AA819329
 Proteasome (prosome, macropain) 26S subunit, ATPase NM_033236
 Rattus norvegicus similar to RIKEN cDNA 2210021A15 (LOC362575), mRNA [XM_ XM_342894
 cortactin isoform B AW917841
 Unknown
 coated vesicle membrane protein NM_031722

Rattus norvegicus similar to tubulin, beta (LOC291081), mRNA [XM_238004] XM_238004
ESTs BF549650

5-aminoimidazole-4-carboxamide ribonucleotide formyltransferase/IMP cyclohydrolase
similar to Protein:NP_031905 developmentally regulated GTP binding protein 1; de
NM_031014
CB546259

Q8BIV5 (Q8BIV5) Antigen NY-CO-3 homolog, partial (94%) [TC463081] BC088296

Rattus norvegicus similar to sid23p (LOC308400), mRNA [XM_218399] XM_218399

ESTs, Highly similar to JC7136 peptidylprolyl isomerase (EC 5.2.1.8) - mouse [M.m
BG381714

R.norvegicus mRNA for p32-subunit of replication protein A. BM385924

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho
XM_236489

Unknown

Unknown

Rattus norvegicus similar to Budding uninhibited by benzimidazoles 1 homolog (LOI
XM_215849

Rattus norvegicus neural precursor cell expressed, developmentally down-regulate
NM_138878

Rattus norvegicus solute carrier family 25 (mitochondrial carrier; adenine nucleotide
NM_139100

inositol polyphosphate 5-phosphatase AA964050

Unknown

Unknown

Rattus norvegicus similar to RNA polymerase II elongation factor ELL2 (LOC309911
XM_226624
tulip 1 AF041106

Unknown

ESTs, Moderately similar to AC004882 7 similar to CAA16821 [H.sapiens] BF287558

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho
XM_344711

Rattus norvegicus similar to RIKEN cDNA 4632422M10 (LOC294711), mRNA [XM_ XM_215474
NM_053857

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho
XM_346024

ESTs, Highly similar to ALPHA-2-MACROGLOBULIN PRECURSOR [R.norvegicus] BI284261

ESTs, Highly similar to RPCX MOUSE DNA-DIRECTED RNA POLYMERASES I, II AW434092

Rattus norvegicus similar to GDF-1 embryonic growth factor - mouse (LOC306351). XM_224733

ESTs AI407964

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho
XM_219625

Rattus norvegicus RT1 class II, locus Db1 (RT1-Db1), mRNA [NM_001008884] NM_001008884

Rattus norvegicus similar to guanylate kinase (LOC303179), mRNA [XM_220511] XM_220511

Rattus norvegicus similar to expressed sequence C87860 (LOC310512), mRNA [X
XM_227253

Rattus norvegicus similar to Protein translation factor SUI1 homolog (LOC367110), XM_345952

Rattus norvegicus similar to tropomodulin 3 (LOC300838), mRNA [XM_217207] XM_217207

proteasome (prosome, macropain) subunit, alpha type 2 NM_017279

Rattus norvegicus similar to disrupter of silencing SAS10 (LOC305258), mRNA [X
XM_223335

Rattus norvegicus similar to ribosomal protein P0-like protein; 60S acidic ribosomal
XM_216567

Q7TQ12 (Q7TQ12) Aa1114, partial (5%) [TC462103]

Rattus norvegicus RAP1B, member of RAS oncogene family (Rap1b), mRNA. NM_134346

ESTs AI227823

Rattus norvegicus similar to Glyceraldehyde 3-phosphate dehydrogenase (GAPDH)
XM_234433

Rattus norvegicus ubiquitin specific protease 14 (Usp14), mRNA [NM_001008301] NM_001008301

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC294
XM_228217

Rattus norvegicus thioredoxin domain containing 9 (Txndc9), mRNA [NM_172032] NM_172032

B cell lymphoma 2 like AW142029

growth factor receptor bound protein 2 D49848

ESTs AW143485

Rattus norvegicus similar to RIKEN cDNA D030070L09 (LOC291737), mRNA [XM_ XM_214605

Rattus norvegicus similar to Translation initiation factor IF-2 (LOC361491), mRNA [XM_341770

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC289
XM_223044

Unknown

Rattus norvegicus similar to cholesterol 25-hydroxylase (LOC309527), mRNA [XM_XM_220063

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_220866

Rattus norvegicus similar to Heat shock 60 kD protein 1 (LOC289614), mRNA [XM_XM_212746

Rattus norvegicus similar to 1-acylglycerol-3-phosphate-gamma (LOC294324), mRN XM_215367

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC288 XM_213595

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_225859

Rattus norvegicus protein phosphatase 4, regulatory subunit 1 (Ppp4r1), mRNA [NM NM_080907

similar to Mouse (Mus musculus domesticus) mitochondrial carrier homolog 2 mRN. BQ207841

Unknown

ZAP 36/annexin IV NM_024155

ESTs AW533662

Rattus norvegicus similar to FKBP51 (LOC361810), mRNA [XM_342103] XM_342103

Rattus norvegicus methionine adenosyltransferase II, alpha, mRNA (cDNA clone M BC062394

ESTs, Highly similar to JC5221 stomatin - mouse [M.musculus] AW914950

Unknown

ESTs AI548388

similar to Translation of nuc:AF182415_1 Homo sapiens MDS014 (MDS014) mRNA BQ204091

Rattus norvegicus similar to Methionine aminopeptidase 2 (MetAP 2) (Peptidase M XM_212948

Rattus norvegicus similar to Aa2-277 (LOC309176), mRNA [XM_219525] XM_219525

Unknown

Rattus norvegicus pseudogene for annexin II [AB072614] AB072614

cytoplasmic beta-actin NM_031144

Protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform NM_017040

ESTs AW915339

Rattus norvegicus cell division cycle 42 homolog (S. cerevisiae) (Cdc42), mRNA [NM NM_171994

Rattus norvegicus similar to hypothetical protein D10Erd718e (LOC314799), mRNA XM_235154

alkyl-dihydroxyacetonephosphate synthase precursor NM_053350

Rattus norvegicus similar to coproporphyrinogen oxidase (LOC304024), mRNA [XM XM_221545

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_344274

Rattus norvegicus similar to tubulin, beta (LOC291081), mRNA [XM_238004] XM_238004

similar to Protein:NP_055187 ring finger protein 11; Sid1669 protein [Homo sapiens CB546288

Rattus norvegicus similar to lysosomal-associated transmembrane protein 4 beta (L XM_235393

Rattus norvegicus similar to Probable RNA-dependent helicase p68 (DEAD-box prc NM_001007613

lipocortin I [rats, Genomic, 270 nt, segment 1 of 13]. S57440

UI-R-C3-sz-h-08-0-UI.r1 UI-R-C3 Rattus norvegicus cDNA clone UI-R-C3-sz-h-08-0 BF543500

myeloid cell leukemia sequence 1 NM_021846

heat shock protein 60 (liver) NM_022229

Rattus norvegicus similar to RIKEN cDNA 2610101N07 (LOC364183), mRNA [XM_XM_344255

Rattus norvegicus similar to mitotic control protein dis3 homolog (LOC306103), mRN XM_224449

Rattus norvegicus similar to Thyroid transcription factor 1 (Thyroid nuclear factor 1) XM_216720

Rattus norvegicus similar to RIKEN cDNA 1500006O09 (LOC305714), mRNA [XM_XM_223828

similar to Protein:NP_080395 RIKEN cDNA 2410046H15 gene [Mus musculus]. scc CB548241

Rattus norvegicus hypothetical LOC305984 (LOC305984), mRNA [XM_224308] XM_224308

unknown function BQ204111

Rattus norvegicus golgi autoantigen, golgin subfamily a, 7 (Golga7), mRNA [NM_00 NM_001007731

ESTs BI295823

Rattus norvegicus similar to mDj4 (LOC362293), mRNA [XM_342607] XM_342607

Rattus norvegicus valosin-containing protein (Vcp), mRNA [NM_053864] NM_053864

RNA binding protein p45AUF1 NM_024404

Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC367 XM_346338

protease (prosome, macropain) 26S subunit, ATPase 1 NM_057123
 ATP-binding cassette, sub-family G (WHITE), member 1 NM_053502
 transcytosis associated protein NM_019379
 Unknown
 ESTs, Highly similar to ICSB MOUSE INTERFERON CONSENSUS SEQUENCE B AW916350
 Rattus norvegicus hypothetical LOC299262 (LOC299262), mRNA [XM_238465] XM_238465
 Inositol (myo)-1(or 4)-monophosphatase 1 NM_032057
 Rattus norvegicus similar to proteasome subunit iota (LOC365554), mRNA [XM_34 XM_345096
 Rattus norvegicus similar to spindle assembly checkpoint protein (LOC297176), mF XM_216161
 EST531427 Rat gene index, normalized rat, norvegicus Rattus norvegicus cDNA cl BI395556
 similar to Protein:NP_009148 programmed cell death 10; apoptosis-related protein CB545171
 Rattus norvegicus similar to T-complex expressed gene 1; SPRY domain-containing XM_220230
 Rattus norvegicus similar to chromosome 14 open reading frame 138 (LOC362748) XM_343073
 ESTs AW918107
 Rattus norvegicus similar to uridine phosphorylase (LOC289801), mRNA [XM_2140 XM_214096
 Q7TQ12 (Q7TQ12) Aa1114, partial (10%) [TC462533]
 Bcl2-associated X protein NM_017059
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_229973
 Rattus norvegicus similar to ubiquitin-conjugating enzyme E2 variant 1 isoform b; D XM_345472
 Rattus norvegicus similar to CG11943-PB (LOC362335), mRNA [XM_342657] XM_342657
 Rattus norvegicus thioredoxin-like (32kD) (Txnl), mRNA. NM_080887
 Rattus norvegicus similar to leucine zipper-EF-hand containing transmembrane proi XM_223541
 AY069755 LP11503p {Drosophila melanogaster;}, partial (5%) [TC488927]
 Unknown
 Unknown
 Unknown
 Rattus norvegicus similar to Acidic nucleoplasmic DNA-binding protein 1 (And-1) (L XM_223933
 Rattus norvegicus host cell factor 2 (Hcfc2), mRNA [NM_001008357] NM_001008357
 Rattus norvegicus cDNA clone MGC:94141 IMAGE:7127379, complete cds. [BC07! BC079131
 proteasome (prosome, macropain) subunit, beta type, 7 NM_053532
 ESTs AA819788
 similar to mouse f-box and WD-40 domain protein 1B, clone IMAGE:3591748, mRN BQ195857
 Rattus norvegicus glutathione peroxidase (GSH-PO) mRNA, complete cds. M21210.1
 Rattus norvegicus CCAAT/enhancer binding protein ,gamma (Cebpg), mRNA [XM_ XM_341842
 Rattus norvegicus Ba1-643 mRNA, complete cds. [AY325226] AY325226
 Rattus norvegicus similar to proteasome 26S non-ATPase subunit 8 (LOC311067), XM_229953
 ESTs AA957447
 Rat mRNA for 5E5 antigen, complete cds. D37934.1
 similar to Protein:NP_003866 guanine monophosphate synthetase; guanosine 5 -m CB606342
 Unknown
 Unknown
 EST531530 Rat gene index, normalized rat, norvegicus Rattus norvegicus cDNA cl BI395659
 Rattus norvegicus cyclin-dependent kinase inhibitor 1C, p57 (Cdkn1c), mRNA [NM_ NM_182735
 ADP-ribosylation factor 4 NM_024151
 stress-inducible chaperone mt-GrpE#1 NM_024487
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC290! XM_225042
 Rattus norvegicus similar to D8Ertd531e protein (LOC290775), mRNA [XM_214353 XM_214353
 Rattus norvegicus similar to actin related protein 2/3 complex subunit 2; ARP2/3 prc XM_217432
 vacuolar proton-ATPase subunit M9.2 NM_053578
 Rattus norvegicus phospholipase A2, group IVA (cytosolic, calcium-dependent) (Plc NM_133551
 MMU6584 eIF2 gamma {Mus musculus;}, partial (17%) [TC493369]

Rattus norvegicus similar to Small nuclear ribonucleoprotein Sm D1 (snRNP core protein) XM_214621
 Inhibitor of DNA binding 3, dominant negative helix-loop-helix protein NM_013058
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC364: XM_344629
 suppression of tumorigenicity 13 (colon carcinoma) Hsp70-interacting protein NM_031122
 Unknown
 similar to mouse DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 15, clone MGC:58 BQ202175
 Glutathione peroxidase 1 NM_030826
 Q8CDY0 (Q8CDY0) N-myc downstream regulated 3, partial (13%) [TC473776]
 Rattus norvegicus FIP1-like 1 (Fip111), mRNA [NM_001008295] NM_001008295
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_225838
 ESTs BF396985
 ESTs AW915249
 Rattus norvegicus similar to UBE2I protein (LOC305375), mRNA [XM_223442] XM_223442
 Lipoprotein lipase NM_012598
 YME1 (S.cerevisiae)-like 1 NM_053682
 Rattus norvegicus TOM70 protein (TOM70), mRNA [NM_212519] NM_212519
 Unknown
 Rattus norvegicus Syndecan 1 (Sdc1), mRNA. NM_013026
 Rattus norvegicus similar to Hypothetical protein MGC19163 (LOC295971), mRNA XM_215795
 Rattus norvegicus nitrilase 1 (Nit1), mRNA [NM_182668] NM_182668
 integral membrane protein Tmp21-I (p23) NM_053467
 proteasome (prosome, macropain) subunit, beta type 1 NM_053590
 Nucleoplasmin-related protein (Nuclear protein B23 NM_012992
 CB547330 AMGNNUC:CR2-00040-F3-A Colon Rat 2 (10398) Rattus norvegicus c[CB547330
 Rat mRNA for glutathione S-transferase P subunit. NM_138974
 Rattus norvegicus neuroblastoma RAS viral (v-ras) oncogene homolog (Nras), mRNA NM_080766
 Acetyl-CoA acyltransferase, 3-oxo acyl-CoA thiolase A, peroxisomal J02749
 Rattus norvegicus similar to RIKEN cDNA 2310008M10 (LOC310613), mRNA [XM_ XM_227387
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC362: XM_342527
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_229109
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (phospho XM_342166
 Rattus norvegicus similar to proteasome 26S ATPase subunit 6 (LOC310988), mRNA XM_227832
 Rattus norvegicus similar to ubiquitin-protein ligase (EC 6.3.2.19) E1 - mouse (LOC XM_234520
 T-complex 1 NM_012670
 Rattus norvegicus SH3-domain kinase binding protein 1 (Sh3kbp1), mRNA [NM_05 NM_053360
 Beta-2-microglobulin NM_012512
 similar to Protein:NP_081218 RIKEN cDNA 1810015E19 [Mus musculus]. score=1. CB544301
 Rattus norvegicus similar to sex-lethal interactor homolog (LOC361640), mRNA [XM_ XM_341919
 nadrin NM_022244
 Rattus norvegicus actin-related protein 3 homolog (yeast) (Actr3), mRNA [XM_3411 XM_341112
 Rattus norvegicus similar to mitochondrial ribosomal protein L18 (LOC292244), mRNA XM_214751
 Rattus norvegicus UDP-glucose ceramide glucosyltransferase (Ugcg), mRNA [NM_ NM_031795
 Rattus norvegicus similar to Sid393p (LOC367344), mRNA [XM_346097] XM_346097
 HUMGLYSYN glycogen synthase kinase 3 {Homo sapiens;} , partial (4%) [TC506223]
 heterogeneous nuclear ribonucleoprotein A/B AF108653
 Rattus norvegicus similar to Rab24 protein (LOC361208), mRNA [XM_341490] XM_341490
 Shultzomica04000 Rat lung airway and parenchyma cDNA libraries Rattus norvegicus CF110749
 similar to Protein:NP_065616 RIKEN cDNA A030009H04 [Mus musculus]. score=3. CB547985
 EST AA819657
 testis-specific farnesyl pyrophosphate synthetase NM_031840
 Unknown

Rattus norvegicus similar to stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein) [NM_218684]
 Rattus norvegicus Ns5atp9 protein (Ns5atp9), mRNA [NM_201418] NM_201418
 EST345817 Normalized rat brain, Bento Soares Rattus sp. cDNA clone RGIAG54 5AW914513
 Rattus norvegicus similar to glyceraldehyde-3-phosphate-dehydrogenase (EC 1.2.1.12) [XM_234875]
 Rattus norvegicus guanine nucleotide binding protein (G protein), gamma 8 subunit [NM_139185]
 AAQ91031 (AAQ91031) LRRGT00075, partial (4%) [TC462291]
 UI-R-BT1-ajz-e-07-0-UI.r1 UI-R-BT1 Rattus norvegicus cDNA clone UI-R-BT1-ajz-e BF566146
 Rattus norvegicus galactose transporter (LOC287642), mRNA [NM_199081] NM_199081
 EST, Moderately similar to 1512311A SRP protein 54kD [M.musculus] BG667707
 similar to Translation of nuc:AK013150_1 Mus musculus 10, 11 days embryo cDNA CB605662
 Rattus norvegicus similar to T-cell activation WD repeat protein (LOC361305), mRNA [XM_341590]
 clathrin, heavy polypeptide (Hc) [NM_019299]
 ESTs [AI237189]
 Rattus norvegicus similar to RIKEN cDNA 1810022F11 (LOC288369), mRNA [XM_213688]
 ras-related protein [NM_031090]
 Rattus norvegicus stress-induced-phosphoprotein 1 (Hsp70/Hsp90-organizing protein) [NM_138911]
 ESTs, Weakly similar to JC6133 deubiquitinating enzyme - mouse [M.musculus] AI030501
 Unknown
 N-acetyltransferase 1 (arylamine N-acetyltransferase) [NM_053853]
 Q9ULC4 (Q9ULC4) Multiple COPIES in A T-cell MALIGNANCIES (MCT-1 protein), partial (94%) [TC462291]
 Rattus norvegicus splicing factor YT521-B (YT521), mRNA. [NM_133423]
 Unknown
 Rattus norvegicus vesicle-associated membrane protein 3 (Vamp3), mRNA. [NM_057097]
 Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein, eta polypeptide chain [NM_013052]
 Rattus norvegicus peroxisomal Ca-dependent solute carrier-like protein (Pcscl), mRNA [NM_145677]
 Unknown
 Rattus norvegicus similar to U5 snRNP-specific protein (Prp8-binding) (LOC313056) [XM_232775]
 ESTs, Highly similar to T14770 hypothetical protein DKFZp566E144.1 [H.sapiens] BG664661
 potassium channel, subfamily K, member 6 (TWIK-2) [NM_053806]
 elongation factor SIII p15 subunit [NM_022593]
 Rattus norvegicus similar to transcription factor-like protein 4 beta (LOC360631), mRNA [XM_340906]
 ESTs, Weakly similar to I49441 Mouse 19.5 mRNA, complete cds - mouse [M.musculus] BF542726
 Rattus norvegicus chaperonin containing TCP1, subunit 3 (gamma) (Cct3), mRNA [NM_199091]
 Rattus norvegicus similar to RIKEN cDNA 2310036D22 (MGC94135), mRNA [NM_001004267]
 Rattus norvegicus similar to nucleotide-binding protein short form (LOC287125), mRNA [XM_213239]
 Protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform [NM_017040]
 Rattus norvegicus dopamine responsive protein (LOC171057), mRNA [NM_133535]
 similar to Translation of nuc:BC017012_1 Homo sapiens, clone MGC:8804 IMAGE: BQ194339
 ESTs, Weakly similar to T19334 hypothetical protein R74.1 - Caenorhabditis elegans [BE119004]
 Unknown
 ESTs [BF283004]
 ESTs, Highly similar to JC6161 kinesin-associated protein KAP3 splice form A - mouse [AI030814]
 Rattus norvegicus similar to bcl2-associated X protein (LOC287723), mRNA [XM_212676]
 BM986596 EST594190 Rat gene index, normalized rat, norvegicus Rattus norvegicus [BM986596]
 Rattus norvegicus similar to Lamb3 protein (LOC360901), mRNA [XM_341176] XM_341176
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC299:XM_234458)
 Rattus norvegicus similar to RIKEN cDNA 2410174K12 (LOC290408), mRNA [XM_214242]
 Rattus norvegicus similar to RIKEN cDNA 1500031M22 (LOC294718), mRNA [XM_215477]
 RPT protein similar to yeast MRS2 [NM_024001]
 Rattus norvegicus synaptogenesis-related mRNA sequence 7, 3' untranslated region [AF452728]
 Rattus norvegicus gamma-hydroxybutyrate receptor mRNA, complete cds. [AY485933]

Rattus norvegicus tumor susceptibility gene 101 (Tsg101), mRNA [NM_181628] NM_181628
 ESTs, Weakly similar to DDX4 RAT DEAD BOX PROTEIN 4 [R.norvegicus] AI600178
 ESTs BF397678
 Rattus norvegicus tropomyosin isoform 6 (LOC286890), mRNA [NM_173111] NM_173111
 Rattus norvegicus similar to tubulin, beta (LOC291081), mRNA [XM_238004] XM_238004
 UI-R-EP0-coc-f-22-0-UI.s1 UI-R-EP0 Rattus norvegicus cDNA clone UI-R-EP0-coc- BQ208403
 protein tyrosine phosphatase 4a1 NM_031579
 Unknown
 similar to Translation of nuc:BC016629_1 Mus musculus, clone MGC:11800 IMAGE CB545262
 testis-specific farnesyl pyrophosphate synthetase NM_031840
 ESTs, Highly similar to YS64_HUMAN HYPOTHETICAL PROTEIN S164 [H.sapien] BF565370
 H2A histone family, member Z NM_022674
 ESTs BE116217
 Rattus norvegicus similar to breast carcinoma amplified sequence 2; spliceosome a XM_215664
 microtubule-associated proteins 1A/1B light chain 3 NM_022867
 Rattus norvegicus similar to hypothetical protein FLJ22728 (LOC293173), mRNA [X XM_215022
 Rattus norvegicus similar to Tnfaip2 protein (LOC299340), mRNA [XM_216786] XM_216786
 Rattus norvegicus similar to Tde1 protein (MGC94574), mRNA [NM_001008312] NM_001008312
 Rattus norvegicus similar to glyceraldehyde-3-phosphate dehydrogenase (LOC367: XM_346044
 Cytochrome C, expressed in somatic tissues NM_012839
 Rattus norvegicus similar to actin - Hydra attenuata (LOC363564), mRNA [XM_343 XM_343875
 Rattus norvegicus similar to CG7275-PA (LOC362902), mRNA [XM_343231] XM_343231
 Rattus norvegicus similar to NADP+-specific isocitrate dehydrogenase (LOC361596) XM_341875
 pyruvate dehydrogenase kinase 2 subunit p45 (PDK2) NM_030872
 Unknown
 Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L17 (L23) (AMINO ACID ; XM_228987
 Unknown
 ESTs AW917950
 Rattus norvegicus similar to dispatched (LOC289338), mRNA [XM_213964] XM_213964
 Rattus norvegicus similar to Heph protein (LOC302479), mRNA [XM_217582] XM_217582
 Unknown
 ESTs BF289858
 Rattus norvegicus hypothetical LOC295216 (LOC295216), mRNA [XM_238238] XM_238238
 similar to Protein:NP_080236 RIKEN cDNA 1810073E21 gene [Mus musculus]. scc BQ193605
 ESTs, Highly similar to PPS1 MOUSE BIFUNCTIONAL 3'-PHOSPHOADENOSINE AI229840
 Rattus norvegicus LOC361748 (LOC361748), mRNA [XM_346997] XM_346997
 Unknown
 ESTs, Weakly similar to UBC3_HUMAN UBIQUITIN-CONJUGATING ENZYME E2- BF287028
 transaldolase 1 AA964693
 Rattus norvegicus Mg87 protein (Mg87), mRNA [NM_134410] NM_134410
 similar to Protein:NP_081791 RIKEN cDNA 2010005M05; RIKEN cDNA 3830421F CA333817
 ESTs AI013088
 Rattus norvegicus similar to O-sialoglycoprotein endopeptidase (LOC290028), mRNA XM_214163
 ESTs BI281889
 Rat mitochondrial ATP synthase beta subunit mRNA, complete cds AA859178
 ESTs, Weakly similar to 60S RIBOSOMAL PROTEIN L37 [R.norvegicus] BF419552
 Rattus norvegicus histone deacetylase 5 (Hdac5), mRNA [XM_213469] XM_213469
 Unknown
 Unknown
 Rattus norvegicus similar to ribosomal protein L26 (LOC291387), mRNA [XM_2256 XM_225658
 Unknown

ESTs	AW142697
ESTs	AI556126
Rattus norvegicus tumor-associated calcium signal transducer 1 (Tacstd1), mRNA [NM_138541	
Rattus norvegicus fertility related protein WMP1 (Wmp1), mRNA [NM_138862]	NM_138862
ESTs	BF560938
Rattus norvegicus similar to ribosomal protein L6 (LOC366145), mRNA [XM_34541	XM_345411
ESTs, Moderately similar to JC5644 acyl-CoA thiolesterase [H.sapiens]	AW916902
ESTs	AW917394
ESTs	AA957762
ESTs	AW143510
ESTs	AW918562
Rattus norvegicus similar to Ser/Arg-related nuclear matrix protein; plenty-of-proline	XM_233556
ESTs	BF398023
ESTs, Moderately similar to T08785 hypothetical protein DKFZp586A0522.1 [H.sap	BI275189
ESTs	AW918028
Unknown	
ESTs	BF565803
Rattus norvegicus similar to Integrin alpha-6 precursor (VLA-6) (CD49f) (LOC36752	XM_346197
Rattus norvegicus similar to hypothetical protein CL25084 (LOC289874), mRNA [XI	XM_214121
Unknown	
glucose-6-phosphatase, transport protein 1	NM_031589
Creatine kinase, brain	NM_012529
Unknown	
Rattus norvegicus similar to Hepatocellular carcinoma-associated antigen 58 homol	XM_230785
nuclear receptor subfamily 3, group C, member 1	NM_012576
ESTs	AW143988
Rattus norvegicus similar to stathmin (LOC363108), mRNA [XM_343441]	XM_343441
Rattus norvegicus similar to 60S ribosomal protein L13 (A52) (LOC364882), mRNA	XM_344690
Rattus norvegicus similar to Transmembrane 7 superfamily protein member 3 precu	XM_216312
Rattus norvegicus general transcription factor II I (Gtf2i), mRNA [NM_001001512]	NM_001001512
ESTs, Highly similar to DP1 MOUSE POLYPOSIS LOCUS PROTEIN 1 HOMOLOG	AA848813
Rattus norvegicus similar to PAP-1 (LOC363032), mRNA [XM_343363]	XM_343363
Rattus norvegicus similar to Stathmin (Phosphoprotein p19) (pp19) (Oncoprotein 1E	XM_220874
ESTs	AI555341
Unknown	
Leukemia-associated cytosolic phosphoprotein stathmin	NM_017166
Rattus norvegicus similar to Pseudoautosomal GTP-binding protein-like protein (LO	XM_344118
ESTs	AI177507
ESTs	BI281768
Unknown	
Q9MKC0 (Q9MKC0) Cytochrome c oxidase I (Cytochrome c oxidase polypeptide I) (Fragment) , parti	
ESTs, Moderately similar to YCD1_HUMAN HYPOTHETICAL PROTEIN CGI-131 [IAI145832	
calpactin I heavy chain	BF389798
NADH ubiquinone oxidoreductase subunit B13	AA874885
ESTs, Weakly similar to CD59 RAT CD59 GLYCOPROTEIN PRECURSOR [R.norv	BG666613
Rattus norvegicus microsomal glutathione S-transferase 1 (Mgst1), mRNA [NM_13	NM_134349
Rattus norvegicus similar to RIKEN cDNA D130059P03 gene (LOC312248), mRNA	XM_231617
double-stranded RNA-binding protein p74	BI291905
ESTs	BF549558
ESTs	AI228214
Rattus norvegicus similar to ribosomal protein S15 (LOC295574), mRNA [XM_2278	XM_227850

Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367530), mRNA [XM_XM_346200 Q7PI42 (Q7PI42) ENSANGP00000024316 (Fragment), partial (9%) [TC473458]
 Rat laminin receptor mRNA, 3' end BG153272
 Rattus norvegicus similar to 3-phosphoglycerate dehydrogenase (LOC294985), mRNA XM_227056
 Rattus norvegicus ATP-binding cassette, sub-family B (MDR/TAP), member 6 (Abc1) NM_080582
 5-hydroxytryptamine (serotonin) receptor 3B NM_022189
 Unknown
 telomerase protein component 1 NM_022591
 Q28610 (Q28610) Na⁺/glucose cotransporter-related protein, partial (10%) [TC483332]
 UI-R-CA1-bct-e-09-0-UI.s1 UI-R-CA1 Rattus norvegicus cDNA clone UI-R-CA1-bct- BF391710
 ESTs BF284190
 Rattus norvegicus CDK109 mRNA. Y17323
 Rattus norvegicus enoyl Coenzyme A hydratase, short chain 1 (Echs1), mRNA. NM_078623
 Q69566 (Q69566) U88, partial (9%) [TC476741]
 ESTs, Weakly similar to SX10 RAT TRANSCRIPTION FACTOR SOX-10 [R.norveg AI102567
 Rattus norvegicus similar to Proyl 4-hydroxylase alpha IIa subunit (LOC360526), mRNA XM_340798
 similar to Translation of nuc:AK003991_1 Mus musculus 18 days embryo cDNA, RI CB544880
 Rattus norvegicus similar to leprecan-like protein 2 (LOC297595), mRNA [XM_2162 XM_216278
 Rattus norvegicus similar to KIAA1992 protein (LOC295654), mRNA [XM_229983] XM_229983
 ESTs AI060229
 ESTs BF542516
 Rattus norvegicus similar to PHD finger protein 3 (LOC363210), mRNA [XM_34354 XM_343548
 Rattus norvegicus zinc finger protein 22 (KOX 15) (Znf22), mRNA. NM_133579
 ESTs AW914766
 Unknown
 Rattus norvegicus similar to hypothetical protein MGC13047 (MGC94853), mRNA [NM_001004261
 Unknown
 rhodopsin kinase NM_031096
 Rattus norvegicus similar to Voltage-dependent anion-selective channel protein 1 (XM_216715
 x-ray repair cross-complementing group 1 protein NM_053435
 dopa/tyrosine sulfotransferase NM_022513
 ESTs, Moderately similar to T17239 hypothetical protein DKFZp434B027.1 [H.sapiens] BF566642
 Rattus norvegicus IMP (inosine monophosphate) dehydrogenase 2 (Impdh2), mRNA. NM_199099
 Unknown
 integrin-associated protein NM_019195
 Unknown
 Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L13 (LOC298125), mRNA XM_233045
 Rattus norvegicus mRNA for annexin V-binding protein (ABP-10), partial cds. D64062
 Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L12 (LOC367126), mRNA XM_345962
 Unknown
 Rattus norvegicus similar to hypothetical protein MGC3207 (LOC288912), mRNA [XM_213843
 ATP-binding cassette, sub-family A (ABC1), member 2 NM_024396
 ESTs AW918243
 Rattus norvegicus WAP four-disulfide core domain 1 (Wfdc1), mRNA. NM_133581
 Unknown
 enoyl hydratase-like protein, peroxisomal NM_022594
 ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L12 [R.norvegicus] AI170643
 ESTs, Moderately similar to JC4914 anti-sigma cross-reacting protein homolog I (BE109962
 Rattus norvegicus similar to KIAA1952 protein (LOC313253), mRNA [XM_233016] XM_233016
 Rattus norvegicus similar to Cytochrome oxidase biogenesis protein OXA1, mitochondrial XM_214182
 Rattus norvegicus similar to G21 protein (LOC363138), mRNA [XM_343475] XM_343475

Unknown
 UI-R-DY0-ckr-h-02-0-UI.s1 UI-R-DY0 Rattus norvegicus cDNA clone UI-R-DY0-ckr- BM384310
 Rattus norvegicus similar to 40S ribosomal protein SA (P40) (34/67 kDa laminin rec XM_345657
 ESTs AA899907
 Rattus norvegicus cytokine receptor-like protein CYRL (Cyr1), mRNA [NM_139260] NM_139260
 carboxylesterase 1 AB023630
 Unknown
 Rattus norvegicus rhotekin (Rtkn), mRNA [NM_184046] NM_184046
 CSS2_MOUSE (Q9D7J7) Calpain, small subunit 2 (CSS2) (Calcium-dependent protease small subuni
 ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L18A [R.norvegicus] AA799899
 Unknown
 ESTs BF551067
 ESTs BE106964
 Unknown
 Neuroblastoma, suppression of tumorigenicity 1 (DNA segment human D1S1733E) NM_031609
 ESTs AI556689
 UI-R-BS1-azu-g-08-0-UI.s1 UI-R-BS1 Rattus norvegicus cDNA clone UI-R-BS1-azu BE111939
 ESTs AA998304
 ESTs, Weakly similar to HG17 RAT NONHISTONE CHROMOSOMAL PROTEIN HIBE121400
 Rattus norvegicus protease, serine, 23 (Prss23), mRNA [NM_001007691] NM_001007691
 Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L13 (LOC294344), mRNA XM_228088
 Rattus norvegicus similar to RIKEN cDNA 2310033P09 (LOC303180), mRNA [XM_ XM_220532
 ESTs, Weakly similar to HCD2 RAT 3-HYDROXYACYL-COA DEHYDROGENASE BF523076
 ESTs AI555659
 Rattus norvegicus high mobility group nucleosomal binding domain 3 (Hmgn3), mRNA NM_001007020
 ESTs, Moderately similar to T42646 hypothetical protein DKFZp727K171.1 [H.sapie AW142434
 Unknown
 ESTs AA818807
 Rattus norvegicus similar to RIKEN cDNA 6330575P11 (MGC105734), mRNA [NM_ NM_001009688
 ESTs AA944253
 ESTs AW143482
 ESTs, Moderately similar to JC5707 HYA22 protein [H.sapiens] BE112261
 presenilin-2 NM_031087
 Rattus norvegicus similar to RIKEN cDNA 0610025G21 (LOC305156), mRNA [XM_ XM_223168
 DRA06H07 Rat DRG Library Rattus norvegicus cDNA clone DRA06H07 5', mRNA :BG663001
 Rattus norvegicus cDNA clone MGC:94603 IMAGE:7190634, complete cds. [BC08: BC083712
 ESTs AW535419
 glutathione S-transferase, theta 2 AA998545
 Rattus norvegicus LOC362128 (LOC362128), mRNA [XM_347029] XM_347029
 ESTs AI137045
 Rattus norvegicus similar to ribosomal protein S15 (LOC290226), mRNA [XM_2241 XM_224191
 mitogen-activated protein kinase 8 interacting protein 1 NM_053777
 ATPase, Na+K+ transporting, beta polypeptide 3 NM_012913
 Rattus norvegicus similar to i-45 protein (49.8 kD) (4H318) (LOC315741), mRNA [X XM_236314
 ESTs AI233903
 Rattus norvegicus mitochondrial acyl-CoA thioesterase 1 (Mte1), mRNA [NM_1389 NM_138907
 Unknown
 MEGF1 NM_022954
 Rattus norvegicus 2,4-dienoyl CoA reductase 1, mitochondrial (Decr1), mRNA. NM_057197
 Rattus norvegicus SCIRP10-related protein (SCIRP10), mRNA [NM_001002851] NM_001002851
 Unknown

unknown function BM387470
 ESTs AW915270
 ESTs, Weakly similar to T21641 hypothetical protein F32B6.2 - *Caenorhabditis elegans* AI105272
Rattus norvegicus similar to 3-phosphoglycerate dehydrogenase (LOC292672), mRNA XM_218396
 Unknown
 Rat alpha-propionyl-CoA carboxylase mRNA, complete cds. M22631.1
 xylosyltransferase 2 NM_022296
Rattus norvegicus glutathione S-transferase, mitochondrial (GST13-13), mRNA [NM_181371
Rattus norvegicus similar to hypothetical protein dJ465N24.2.1 (LOC362626), mRNA XM_342944
 NG,NG dimethylarginine dimethylaminohydrolase AA945152
 dopa/tyrosine sulfotransferase NM_022513
 ESTs AW916521
 UI-R-FS0-cqp-n-14-0-UI.s1 UI-R-FS0 *Rattus norvegicus* cDNA clone UI-R-FS0-cqp CA509211
 BQ196649 UI-R-EA0-ckx-i-19-0-UI.s1 UI-R-EA0 *Rattus norvegicus* cDNA clone UI-R-EA0 BQ196649
 ESTs AW143084
 ESTs AW921139
 Unknown
 ESTs AI029975
Rattus norvegicus similar to methylcrotonoyl-Coenzyme A carboxylase 2 (beta); *norvegicus* XM_342181
 Cystathionine beta synthase NM_012522
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367393), mRNA [XM_346124
 regulator of differentiation (in *S. pombe*) 1 NM_031346
 CB544944 AMGNNUC:NRDG1-00121-E1-A nrdg1 (10855) *Rattus norvegicus* cDNA clone CB544944
 UDP-glucose dehydrogenase NM_031325
 ribosomal protein S15 NM_017151
 Unknown
 ESTs AI575272
Rattus norvegicus FXYD domain-containing ion transport regulator 3 (Fxyd3), mRNA NM_172317
 ESTs AI511408
 ESTs, Moderately similar to TISB RAT TIS11B PROTEIN [*R. norvegicus*] BF418884
Rattus norvegicus similar to hypothetical protein FLJ20531 (LOC303164), mRNA [XM_220455
Rattus norvegicus similar to protein kinase BRPK (LOC298575), mRNA [XM_216565
 ESTs BF556273
Rattus norvegicus UDP glycosyltransferase 1 family, polypeptide A8 (Ugt1a8), mRNA NM_175846
 UI-R-CN1-clv-o-06-0-UI.s1 UI-R-CN1 *Rattus norvegicus* cDNA clone UI-R-CN1-clv BM385375
 ESTs AI176346
Rattus norvegicus A kinase (PRKA) anchor protein (yotiao) (Akap9), mRNA [XM_347223
Rattus norvegicus similar to protein tyrosine kinase Bmx (LOC367786), mRNA [XM_346302
 glucocorticoid-induced leucine zipper AI029054
 Histone H1-0 NM_012578
 ESTs, Weakly similar to JC5884 thyroid hormone sulfotransferase (EC 2.8.2.-) B1 - AW917557
 Unknown
 ESTs AW917747
 platelet-activating factor acetylhydrolase, isoform 1b, alpha1 subunit NM_053654
Rattus norvegicus similar to embryonal Fyn-associated substrate (LOC290212), mRNA XM_237944
 ESTs AW917472
 ESTs AW915764
 similar to Protein:NP_084044 RIKEN cDNA 2010315L10 [*Mus musculus*]. score=2.1 BU758445
Rattus norvegicus similar to KIAA1803 protein (LOC313176), mRNA [XM_232936] XM_232936
 mitochondrial intermediate peptidase NM_031052
 ESTs, Weakly similar to ENOYL-COA HYDRATASE, MITOCHONDRIAL PRECURSOR AI104482

ESTs, Highly similar to BRD1_HUMAN BROMODOMAIN-CONTAINING PROTEIN	AW525127
ESTs	BF289377
Unknown	
ESTs	BI296905
Rattus norvegicus similar to BBC1 (LOC365983), mRNA [XM_345317]	XM_345317
Rattus sp. S100 alpha mRNA, partial cds.	S68809.1
ESTs	AI231814
peptidyl arginine deiminase, type I	NM_019332
Rattus norvegicus similar to AT motif-binding factor (LOC307829), mRNA [XM_226.XM_226464	XM_226464
similar to Translation of nuc:A81395_1 Sequence 25 from Patent WO9909147; un	CB544664
ESTs	AI578861
ESTs	BF556841
Unknown	
hydroxysteroid dehydrogenase-6, delta<5>-3-beta	NM_017265
Rattus norvegicus LOC363240 (LOC363240), mRNA [XM_347115]	XM_347115
Eukaryotic elongation factor 2 kinase	NM_012947
EST455240 Rat Gene Index, normalized rat, Rattus norvegicus cDNA Rattus norve	BF290649
Unknown	
aldehyde dehydrogenase 2, mitochondrial	NM_032416
ESTs	AA998800
ESTs	AI171992
Rattus norvegicus similar to RIKEN cDNA 5730509K17 gene (LOC289704), mRNA	XM_237924
ESTs	AI228265
Q8NH31 (Q8NH31) Seven transmembrane helix receptor, partial (8%) [TC467254]	
Kruppel-like factor 5 (intestinal)	NM_053394
Unknown	
Rattus norvegicus alpha-N-acetylglucosaminidase (Naglu), mRNA [NM_001006954	NM_001006954
Rattus norvegicus hydroxylacyl-Coenzyme A dehydrogenase (Hadh), mRNA.	NM_057186
ESTs, Highly similar to T09123 hybrid receptor SorLA precursor - mouse [M.muscul	AW144823
Rattus norvegicus similar to Liver carboxylesterase 1 precursor (Carboxyesterase	EXM_346120
Rattus norvegicus similar to 60S RIBOSOMAL PROTEIN L13 (LOC367796), mRNA	XM_346306
Unknown	
solute carrier family 2 (facilitated glucose transporter), member 4	NM_012751
Unknown	
Rattus norvegicus similar to hypothetical protein MGC45594 (LOC291403), mRNA	XM_214526
UI-R-BS1-azu-g-08-0-UI.s1 UI-R-BS1 Rattus norvegicus cDNA clone UI-R-BS1-azu	BE111939
unknown function	CB547605
ESTs, Highly similar to 60S ACIDIC RIBOSOMAL PROTEIN P1 [R.norvegicus]	BF394986
ESTs	BF287585
Rattus norvegicus similar to cell division cycle associated 3; gene rich cluster, C8 g	XM_237105
ESTs	H32349
ESTs, Moderately similar to TSP4 RAT THROMBOSPONDIN 4 PRECURSOR [R.n	AW525918
BM986338 EST531246 Rat gene index, normalized rat, norvegicus Rattus norvegic	BM986338
stimulated by retinoic acid 14	NM_053328
Rattus norvegicus similar to High mobility group protein 1 (HMG-1) (Amphoterin) (H	XM_345185
ESTs	BF286205
Cytochrome P450, subfamily IIF, polypeptide 1	NM_019303
Rattus norvegicus type I keratin KA15 (Ka15), mRNA [NM_001004022]	NM_001004022
Nuclear Factor IA	NM_012988
Rattus norvegicus similar to tripartite motif-containing 45 (LOC295323), mRNA [XM	XM_215666
ESTs	AW920530

Rattus norvegicus excision repair cross-complementing rodent repair deficiency,cor XM_217387
 Rattus norvegicus AHNAK-related protein mRNA, partial cds. [AF454371] AF454371
 Isocitrate dehydrogenase 1, soluble NM_031510
 branched chain aminotransferase 2, mitochondrial NM_022400
 ESTs, Highly similar to RNA binding motif protein 5 [H.sapiens] AI043579
 glutathione S-transferase, mu type 3 (Yb3) NM_031154
 ESTs, Weakly similar to T12543 hypothetical protein DKFZp434M154.1 [H.sapiens] BF282266
 ESTs AI179380
 UI-R-FF0-cpa-d-08-0-UI.s1 UI-R-FF0 Rattus norvegicus cDNA clone UI-R-FF0-cpa- BU759225
 alcohol dehydrogenase family 3, subfamily A2 NM_031731
 Unknown
 ESTs, Weakly similar to Q4ECKR fucose operon U protein - Escherichia coli [E.coli] AW525660
 Rattus norvegicus similar to AI413481 protein (LOC316232), mRNA [XM_236931] XM_236931
 ESTs, Weakly similar to NADE DROME PUTATIVE GLUTAMINE-DEPENDENT NA AW915442
 Rattus norvegicus similar to retinal short-chain dehydrogenase/reductase (LOC3131 XM_233642
 ESTs AW916026
 Rattus norvegicus similar to acetyl-coA dehydrogenase -related (111.6 kD) (5G231) XM_222190
 Unknown
 Q8NI74 (Q8NI74) OK/SW-CL.33 (Fragment), partial (12%) [TC497589]
 ESTs, Weakly similar to TD53_MOUSE TUMOR PROTEIN D53 (MD53) (D52-LIKE BF405177
 ESTs BF563670
 Rattus norvegicus similar to hypothetical protein FLJ90440 (LOC299830), mRNA [X XM_216905
 Rattus norvegicus similar to High mobility group protein 1 (HMG-1) (Amphoterin) (H XM_344684
 Rattus norvegicus similar to ribosomal protein L5 (LOC290469), mRNA [XM_22448 XM_224484
 ESTs AI177099
 ESTs AA943125
 Unknown
 Rattus norvegicus chromosome 20, major histocompatibility complex, assembled fr BX883047
 ESTs, Highly similar to 60S RIBOSOMAL PROTEIN L8 [R.norvegicus] BI302453
 Rattus norvegicus proline-rich proteoglycan 2 (Prpg2), mRNA [NM_172065] NM_172065
 3-phosphoglycerate dehydrogenase NM_031620
 Unknown
 Unknown
 Rattus norvegicus hypothetical LOC291900 (LOC291900), mRNA [XM_238040] XM_238040
 ESTs, Highly similar to PROTEASOME SUBUNIT RC6-1 [R.norvegicus] AA997406
 ESTs BG372372
 Unknown
 UI-R-DY1-coi-g-14-0-UI.s1 UI-R-DY1 Rattus norvegicus cDNA clone UI-R-DY1-coi- BQ210430
 Rattus norvegicus similar to proliferation associated SNF2-like protein (LOC294071 XM_220062
 Rattus norvegicus cyclic nucleotide phosphodiesterase 1 (Cnp1), mRNA [XM_3409 XM_340904
 ESTs, Moderately similar to T14738 hypothetical protein DKFZp564A2416.1 [H.sap BE113609
 liver glycogen phosphorylase NM_022268
 PAM COOH-terminal interactor protein 1 NM_022959
 AAN87340 (AAN87340) Vascular endothelial growth factor, partial (9%) [TC480823]
 ESTs AW527535
 transformation related protein 63 NM_019221
 Q60501 (Q60501) Hamster p7 preinsertion DNA, partial (8%) [TC470516]
 ESTs AI104857
 Rattus norvegicus similar to unnamed secretory protein (LOC360553), mRNA [XM_ XM_340832
 Rattus norvegicus similar to c439A6.1 (novel protein similar to heparan sulfate (gluc XM_220226
 UI-R-BS0-ant-g-10-0-UI.r1 UI-R-BS0 Rattus norvegicus cDNA clone UI-R-BS0-ant- BF562538

Rattus norvegicus ectonucleoside triphosphate diphosphohydrolase 5 (Entpd5), mRN NM_199394
 Rattus norvegicus glioma tumor suppressor candidate region gene 2 (LOC292624), NM_207591
 PIUS PROTEIN. [Source:RefSeq;Acc:NM_021660] [ENSRNOT00000030288]
 ESTs, Weakly similar to T19332 hypothetical protein C16C10.11 - Caenorhabditis e AA819702
 ESTs AW921412
 Unknown
 ESTs AI101158
 ESTs AW142608
 ribosomal protein L13 BG374422
 Rattus norvegicus solute carrier family 1, member 3 (Slc1a3), mRNA. NM_019225
 endothelin-converting enzyme 1 NM_053596
 UDP-N-acetylglucosamine-2-epimerase/N-acetylmannosamine kinase NM_053765
 Rattus norvegicus similar to hypothetical protein FKSG28 (LOC293997), mRNA [X NM_215264
 Brain derived neurothrophic factor NM_012513
 ESTs AW917518
 Rattus norvegicus inositol (myo)-1(or 4)-monophosphatase 2 (Impa2), mRNA [NM_ NM_172224
 7-dehydrocholesterol reductase NM_022389
 Unknown
 Isovaleryl Coenzyme A dehydrogenase NM_012592
 Rattus norvegicus acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-C NM_130433
 glutathione S-transferase Yc2 subunit [rats, fetal liver, mRNA, 1129 nt]. S72506
 Q94ZI5 (Q94ZI5) Orf256, partial (5%) [TC474255]
 Rattus norvegicus RSB-11-77 protein (RSB-11-77), mRNA [NM_182669] NM_182669
 Rattus norvegicus similar to mKIAA3002 protein (LOC310749), mRNA [XM_227540] XM_227540
 Unknown
 synaptojanin II NM_032071
 Achaete-scute homolog 2 NM_031503
 Benzodiazepin receptor (peripheral) NM_012515
 ESTs AI070096
 Rattus norvegicus sterol regulatory element binding factor 1 (Srebf1), mRNA [XM_2 XM_213329
 flavin-containing monooxygenase 3 NM_053433
 Rattus norvegicus similar to hypothetical protein FLJ90193 (LOC287450), mRNA [X XM_213334
 Rattus norvegicus carboxylesterase 3 (Ces3), mRNA. NM_133295
 AF030694 O1 {Plasmodium falciparum;} , partial (4%) [TC479765]
 ESTs AW144075
 Rattus norvegicus similar to mSin3A (LOC363067), mRNA [XM_343395] XM_343395
 Rattus norvegicus creatine kinase, mitochondrial 1, ubiquitous (Ckmt1), mRNA [XM XM_342505
 Rattus norvegicus similar to ATP-binding cassette transporter ABCA3 (LOC302973) XM_220219
 ESTs, Weakly similar to S36126 neural cell adhesion molecule L1 - rat [R.norvegici BF524215
 Rattus norvegicus similar to palladin; CGI-151 protein (LOC290704), mRNA [XM_2 XM_214338
 Rattus norvegicus G protein-coupled receptor 48 (Gpr48), mRNA. NM_173328
 UI-R-A1-ej-h-07-0-UI.r1 UI-R-A1 Rattus norvegicus cDNA clone UI-R-A1-ej-h-07-0- BF521617
 Rat (clone RAHB2 9/15) hox1.4 protein (hox1.4) mRNA, 3 end. L03557.1
 ESTs AW914810
 ESTs BG667897
 O97336 (O97336) PFC0085c, MAL3P8.15 protein, partial (5%) [TC494881]
 dodecenoyl-Coenzyme A delta isomerase (3,2 trans-enoyl-Coenzyme A isomerase) NM_017306
 Rattus norvegicus Mss4 protein (Mss4), mRNA [NM_001007678] NM_001007678
 Rattus norvegicus similar to MLLT6 (LOC303504), mRNA [XM_239329] XM_239329
 ESTs AI071174
 ESTs AI171249

glutathione S-transferase, theta 2	NM_012796
ESTs	H33079
ESTs	AW143339
Rattus norvegicus Mss4 protein (Mss4), mRNA [NM_001007678]	NM_001007678
Unknown	
Unknown	
selective LIM binding factor, rat homolog	NM_053792
Q7TQ12 (Q7TQ12) Aa1114, partial (10%) [TC462243]	
Unknown	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC302278), mRNA [XM_XM_217557]	
ESTs	AW141699
Rattus norvegicus similar to RIKEN cDNA 1300017J02 (LOC315963), mRNA [XM_XM_236574]	
Rattus norvegicus nuclear factor I/X (Nfix), mRNA [XM_213849]	XM_213849
CIRP_MOUSE Cold-inducible RNA-binding protein (Glycine-rich RNA-binding protein CIRP) (A18 hnR1)	
aldehyde oxidase (female form)	NM_019363
B38128 epithelin/granulin precursor - rat {Rattus norvegicus;}, partial (3%) [TC486331]	
ESTs	BF398469
glutamate-cysteine ligase , modifier subunit	NM_017305
ESTs	AW920789
Rattus norvegicus upregulated by 1,25-dihydroxyvitamin D-3 (Txnip), mRNA [NM_001008767]	
glycoprotein 330	NM_030827
Rattus norvegicus chromobox homolog 7 (Cbx7), mRNA [NM_199117]	NM_199117
Shultzomica04995 Rat lung airway and parenchyma cDNA libraries Rattus norvegicus CF111744	
Q98IY2 (Q98IY2) Probable transcriptional regulator, partial (5%) [TC491167]	
mitogen-activated protein kinase kinase 6	NM_053703
Rattus norvegicus similar to latent transforming growth factor-beta binding protein 4	XM_238093
Unknown	
ESTs, Weakly similar to T03454 ALR protein [H.sapiens]	BF566516
Unknown	
Epithelial membrane protein 1	NM_012843
Rattus norvegicus similar to hypothetical protein MGC37887 (LOC287722), mRNA [XM_213459]	
ESTs	AI176773
Unknown	
Unknown	
Rattus norvegicus angiopoietin 1 (Angpt1), mRNA [NM_053546]	NM_053546
ESTs, Moderately similar to PBEF_HUMAN PRE-B CELL ENHANCING FACTOR F	BF523891
Rattus norvegicus aldo-keto reductase family 7, member A2 (aflatoxin aldehyde red	NM_134407
Rattus norvegicus similar to hypothetical protein FLJ36175 (LOC362137), mRNA [XM_342437]	
ESTs	BF567204
ESTs	AA925520
ESTs	BF551311
2',3'- Cyclic nucleotide 3'-phosphodiesterase	AI412542
ESTs	BF523202
Rattus norvegicus hypothetical LOC289904 (LOC289904), mRNA [XM_214130]	XM_214130
similar to Mouse mRNA for Death-associated protein kinase 2, complete cds.	BQ211425
ESTs	AW917383
ornithine aminotransferase	NM_022521
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363398), mRNA [XM_XM_343728]	
similar to GCGPROT:TR17_MOUSE Tumor necrosis factor receptor superfamily member 1	BQ193647
Rattus norvegicus peroxisomal trans-2-enoyl-CoA reductase (Pecr), mRNA [NM_133299]	NM_133299
glucocorticoid-induced leucine zipper	NM_031345

Rattus norvegicus KIAA1454-like protein (Znf291), mRNA [XM_343394] XM_343394
 Rattus norvegicus SHARP-2 gene for enhancer of split- and hairy-related protein-2, AB096137
 similar to Protein:NP_071710 secreted modular calcium-binding protein 2 [Mus mus BQ209870
 Rattus norvegicus similar to HMG-1 (LOC367884), mRNA [XM_346340] XM_346340
 Coagulation factor III (thromboplastin, tissue factor) NM_013057
 Rattus norvegicus acetyl-Coenzyme A acyltransferase 2 (mitochondrial 3-oxoacyl-C NM_130433
 Rattus norvegicus similar to phospholysine phosphohistidine inorganic pyrophosphatase NM_001009706
 Unknown
 ESTs AA957779
 Rattus norvegicus similar to sciellin (LOC361086), mRNA [XM_341370] XM_341370
 Rattus norvegicus similar to NADP⁺-specific isocitrate dehydrogenase (LOC293043) XM_214977
 Rattus norvegicus similar to copine III (LOC313087), mRNA [XM_232809] XM_232809
 Rattus norvegicus carbonic anhydrase-related XI protein mRNA, complete cds. [AY AY075025
 potassium voltage-gated channel, subfamily H (eag-related), member 1 NM_031742
 Unknown BC086534
 Unknown
 Rattus norvegicus apoptosis-associated speck-like protein containing a CARD (Pyc NM_172322
 Glutathione-S-transferase, alpha type (Yc?) NM_017013
 Rattus norvegicus similar to chromaffin granule ATPase II homolog (LOC360935), r XM_341212
 Kruppel-like factor 15 (kidney) NM_053536
 Unknown
 Q8BZ40 (Q8BZ40) Alanyl-tRNA synthetase, partial (12%) [TC470769]
 similar to Protein:NP_032085 G0/G1 switch gene 2 [Mus musculus]. score=6.401e- CA507680
 FXFD domain-containing ion transport regulator 3 AI009597
 ESTs, Weakly similar to I52196 homeobox transcription factor Hox 1.11 - rat [R.nor BE113200
 Shultzomica04470 Rat lung airway and parenchyma cDNA libraries Rattus norvegicus CF111219
 unknown function BM384026
 Rattus norvegicus similar to coiled-coil like protein 1 (LOC361622), mRNA [XM_341XM_341900
 Q9F5B2 (Q9F5B2) Rorf140 protein, partial (5%) [TC474477]
 Rattus norvegicus H19 fetal liver mRNA (H19), mRNA [XM_219494] XM_219494
 Rattus norvegicus similar to aldo-keto reductase family 1, member C12; aldo-keto reductase XM_225544
 aflatoxin B1 aldehyde reductase NM_013215
 UI-R-FS1-cqi-n-16-0-UI.s1 UI-R-FS1 Rattus norvegicus cDNA clone UI-R-FS1-cqi-r BU760453
 Rattus norvegicus similar to hypothetical protein MGC15606 (LOC304353), mRNA [XM_221996
 BQ205131 UI-R-DZ1-cnh-f-09-0-UI.s1 NCI_CGAP_DZ1 Rattus norvegicus cDNA clone BQ205131
 Rattus norvegicus apolipoprotein E (ApoE), mRNA [NM_138828] NM_138828
 aldehyde dehydrogenase family 1, subfamily A4 NM_017272
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363338), mRNA [XM_343676
 ESTs AI409042
 Unknown
 Rattus norvegicus similar to hypothetical protein FLJ32096 (LOC298668), mRNA [XM_216592
 Rattus norvegicus LOC363301 (LOC363301), mRNA [XM_347120] XM_347120
 Unknown
 unknown function BQ207374
 Rattus norvegicus AHNAK-related protein mRNA, partial cds. [AF454372] AF454372
 ESTs, Weakly similar to MIPP MOUSE MIPP PROTEIN [M.musculus] AW916023
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363366), mRNA [XM_343700
 Rattus norvegicus clone UI-R-FJ0-cpz-g-01-0-UI unknown mRNA. [AY724524] AY724524
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363354), mRNA [XM_343690
 Rattus norvegicus LRP16 protein (Lrp16), mRNA [NM_139337] NM_139337
 ESTs, Highly similar to EYA2 MOUSE EYES ABSENT HOMOLOG 2 [M.musculus] AW918854

Glutathione-S-transferase, alpha type (Ya)	NM_031509
Unknown	
Unknown	
ESTs	BG670434
ESTs	BF413197
Rattus norvegicus inositol 1,4,5-triphosphate receptor 1 (Itp1), mRNA [NM_001007NM_001007235	
Unknown	
Unknown	
Rattus norvegicus esterase 2 (Es2), mRNA [NM_017004]	NM_017004
ESTs	BF551869
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367529), mRNA [XM_XM_346199	
Rattus norvegicus similar to peptidylglycine alpha-amidating monooxygenase COO	XM_218995
Pleiotrophin (Heparine binding factor, Hbnf, in the mouse)	AI102795
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC317020), mRNA [XM_XM_229650	
Eukaryotic elongation factor 2 kinase	NM_012947
MEGF6	NM_022955
Rattus norvegicus chemokine (C-X3-C motif) ligand 1 (Cx3cl1), mRNA [NM_134455	NM_134455
cysteine-sulfinate decarboxylase	NM_021750
Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC367059), mRNA [XM_XM_345920	
Unknown	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC312016), mRNA [XM_XM_231341	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367368), mRNA [XM_XM_346107	
Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC307681), mRNA [XM_XM_226288	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC307706), mRNA [XM_XM_226313	
Rattus norvegicus similar to GLUTATHIONE S-TRANSFERASE 8 (GST 8-8) (CHAI	XM_234810
Rattus norvegicus similar to hypothetical protein 4831428F09 (LOC289193), mRNA	XM_222849
Lost on transformation 1	AA900750
Unknown	BC087040
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367529), mRNA [XM_XM_346199	
steroid sensitive gene-1 protein	AF223677
endothelin-converting enzyme 1	NM_053596
Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC367494), mRNA [XM_XM_346168	
EPO_MACFA Erythropoietin precursor. {Macaca fascicularis;}, partial (8%) [TC495125]	
Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC361372), mRNA [XM_XM_341649	
Rattus norvegicus actinin alpha 3 (Actn3), mRNA.	NM_133424
Rattus norvegicus LOC363349 (LOC363349), mRNA [XM_347128]	XM_347128
Unknown	
Rattus norvegicus similar to 2-amino-3-ketobutyrate-coenzyme A ligase (LOC36695	XM_345856
Unknown	
AF157508 immunoglobulin-associated J chain {Rana catesbeiana;}, partial (8%) [TC482085]	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367673), mRNA [XM_XM_346249	
ESTs	AI409900
R.rattus mRNA for glutathione transferase subunit 8.	X62660.1
Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC291888), mRNA [XM_XM_214644	
Rattus norvegicus similar to acetyl-CoA synthetase 2 (LOC296259), mRNA [XM_21XM_215897	
Unknown	
Unknown	
Pleiotrophin (Heparine binding factor, Hbnf, in the mouse)	AI071874
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC296780), mRNA [XM_XM_216073	
ESTs, Weakly similar to S105 MOUSE S100 CALCIUM-BINDING PROTEIN A5 [R. AW141940	
Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC367511), mRNA [XM_XM_346182	

Aldehyde dehydrogenase 1, subfamily A1 NM_022407
 Glutathione-S-transferase, alpha type (Yc?) NM_017013
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC316919), mRNA [XM_XM_229488
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC302083), mRNA [XM_XM_229656
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363370), mRNA [XM_XM_343705
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363360), mRNA [XM_XM_343695
 Rattus norvegicus similar to RIKEN cDNA 6430573B13 (LOC362648), mRNA [XM_XM_342965
 ESTs, Moderately similar to GST3_HUMAN MICROSOMAL GLUTATHIONE S-TR/ BF282898
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC367513), mRNA [XM_XM_346184
 Rattus norvegicus inositol 1,4,5-triphosphate receptor 1 (Itp1), mRNA [NM_001007 NM_001007235
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC312002), mRNA [XM_XM_231326
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC316920), mRNA [XM_XM_229489
 Rattus norvegicus alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide (Ac NM_134329
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301978), mRNA [XM_XM_217512
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363305), mRNA [XM_XM_343646
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363422), mRNA [XM_XM_343745
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363351), mRNA [XM_XM_343687
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363371), mRNA [XM_XM_343706
 Rattus norvegicus similar to GLUTATHIONE S-TRANSFERASE 8 (GST 8-8) (CHAI XM_345684
 Rattus norvegicus similar to Integrin alpha-6 precursor (VLA-6) (CD49f) (LOC36752 XM_346197
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363350), mRNA [XM_XM_343686
 Rattus norvegicus LOC362136 (LOC362136), mRNA [XM_342436] XM_342436
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363395), mRNA [XM_XM_343725
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC287849), mRNA [XM_XM_221150
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301978), mRNA [XM_XM_217512
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC296777), mRNA [XM_XM_216071
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363312), mRNA [XM_XM_343652
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301906), mRNA [XM_XM_217507
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC360996), mRNA [XM_XM_341270
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363374), mRNA [XM_XM_343709
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363336), mRNA [XM_XM_343674
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301985), mRNA [XM_XM_217514
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC312004), mRNA [XM_XM_231328
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC301986), mRNA [XM_XM_217515
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC316919), mRNA [XM_XM_229488
 GST3_HUMAN Microsomal glutathione S-transferase 3 (Microsomal GST-3) (Microsomal GST-III). {H
 Aldehyde dehydrogenase class 3 NM_031972
 Rattus norvegicus similar to mitochondrial glycerol 3-phosphate acyltransferase (LC XM_238283
 Rattus norvegicus similar to microsomal glutathione S-transferase 3 (LOC289197), XM_213943
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363372), mRNA [XM_XM_343707
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363424), mRNA [XM_XM_343747
 ESTs AA893226
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363359), mRNA [XM_XM_343694
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC307687), mRNA [XM_XM_226292
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC287855), mRNA [XM_XM_221162
 ESTs BE108829
 metallothionein 3 NM_053968
 small inducible cytokine subfamily A20 NM_019233
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC296782), mRNA [XM_XM_216075
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC317141), mRNA [XM_XM_229865
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363424), mRNA [XM_XM_343747

Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363429), mRNA [XM_XM_343751
 Aldehyde dehydrogenase class 3 AI555548
 Rattus norvegicus cytochrome P450 monooxygenase CYP2T1 (Cyp2t1), mRNA [NI NM_134369
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC302199), mRNA [XM_XM_217542
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC363394), mRNA [XM_XM_343724
 Rattus norvegicus LOC363343 (LOC363343), mRNA [XM_343681] XM_343681
 Pleiotrophin (Heparine binding factor, Hbnf, in the mouse) AI102795
 Rattus norvegicus similar to RIKEN cDNA 4933431D05 (LOC363345), mRNA [XM_XM_343682
 Unknown
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC317091), mRNA [XM_XM_229800
 Pleiotrophin (Heparine binding factor, Hbnf, in the mouse) NM_017066
 Rattus norvegicus LOC363348 (LOC363348), mRNA [XM_343685] XM_343685
 ESTs BF551978
 carboxylesterase 1 NM_031565
 Unknown
 Rattus norvegicus selenium binding protein 2 (Selenbp1), mRNA [NM_080892] NM_080892
 Rattus norvegicus similar to RIKEN cDNA 1700081O22 (LOC367677), mRNA [XM_XM_346251
 ESTs AI177431
 ESTs, Weakly similar to GLUTATHIONE S-TRANSFERASE YC-2 [R.norvegicus] BF566100
 Rattus norvegicus olfactory receptor gene Olr1285 (Olr1285), mRNA [NM_0010004 NM_001000459

Treatment P-value	Fold Change(NMBA vs Control)
1.11022E-16	56.09446367
1.11022E-16	36.4686763
1.11022E-16	32.69715755
1.11022E-16	31.83097929
3.34634E-07	24.30916268
8.05603E-09	17.78033749
2.10942E-15	15.57220097
1.84021E-06	15.14363035
0.00003	14.84055012
1.11022E-16	13.8331154
4.77798E-10	11.73194451
1.11022E-16	11.71305008
1.11022E-16	10.68931807
2.54501E-06	10.66497889
0.00065	10.41022222
1.11022E-16	10.34189204
1.11022E-16	10.27779616
0.00019	9.189248583
3.21811E-11	8.809474443
9.83996E-07	8.440924194
1.11022E-16	8.22867671
0.00002	7.934507957
2.00231E-08	7.768550621
1.11022E-16	7.10476962
1.11022E-16	7.061874577
1.11022E-16	6.946883248
1.11022E-16	6.923728029
0.00058	6.906849614
4.61853E-13	6.715061585
1.11022E-16	6.614545375
7.46891E-11	6.548623164
1.11022E-16	6.34979932
1.11022E-16	6.18343785
1.11022E-16	6.114909023
1.11022E-16	6.000259041
1.70793E-08	5.720184015
1.11022E-16	5.632225052
5.36398E-10	5.568650993
6.96804E-11	5.453056531
1.11022E-16	5.415143876
0.0001	5.323411029
2.43062E-08	5.17606832
3.90017E-07	5.060926149
1.11022E-16	5.052077452
1.11022E-16	4.984481633
3.50319E-09	4.942651614
1.11022E-16	4.908400594
1.11022E-16	4.742638254

0.0005	4.739908958
0.00027	4.712485208
8.6858E-08	4.662405045
6.70435E-06	4.660151117
2.25065E-09	4.641624459
1.11022E-16	4.61126414
4.52122E-07	4.580575016
3.05705E-08	4.498523567
1.11022E-16	4.353213828
1.11022E-16	4.233504249
7.36275E-06	4.195367408
1.11022E-16	4.152503431
1.11022E-16	4.117276183
0.0001	4.051258918
1.71343E-06	4.014301614
0.00087	4.001105473
1.11022E-16	3.968441659
1.11022E-16	3.955031984
1.11022E-16	3.953848278
7.16205E-13	3.886780364
1.68971E-09	3.880073924
7.67787E-06	3.87659115
1.11022E-16	3.829922624
0.00002	3.821553994
6.08366E-10	3.743260056
5.9504E-06	3.728378544
1.11022E-16	3.726232934
6.9262E-09	3.710137456
3.86358E-14	3.669695252
1.11022E-16	3.643090836
1.17221E-10	3.639820779
1.11022E-16	3.63471196
1.11022E-16	3.616512746
4.99163E-06	3.597244854
8.88178E-16	3.587319019
0.00004	3.575032547
2.01395E-10	3.543235349
6.24814E-06	3.540625558
4.48807E-10	3.535167533
2.37835E-08	3.508326469
0.0008	3.467049163
1.11022E-16	3.457164143
1.40332E-13	3.453027205
5.55112E-16	3.449530585
5.22044E-06	3.447227931
4.21989E-11	3.440962978
1.87238E-06	3.429256733
1.11022E-16	3.421290882
0.00003	3.408474114
1.11022E-16	3.379714383
1.11022E-16	3.364418404

1.11022E-16	3.359154662
0.00004	3.34772673
6.7408E-10	3.330964468
2.52587E-12	3.329967539
0.00031	3.317569273
1.03755E-08	3.308262789
5.59552E-14	3.304532291
1.11022E-16	3.287986305
8.02532E-09	3.284581179
2.18359E-06	3.279895447
1.74255E-06	3.277253229
1.11022E-16	3.252220627
1.11022E-16	3.242798773
1.11022E-16	3.237501662
1.11022E-16	3.22522487
0.00003	3.211441387
6.60583E-14	3.18793898
0.00024	3.161258427
3.58253E-09	3.13913505
7.21645E-15	3.127591326
1.11022E-16	3.127303277
1.11022E-16	3.125791458
1.11022E-16	3.077301156
0.0002	3.070930586
0.00021	3.061681429
1.11022E-16	3.059144559
1.11022E-16	3.041515262
1.11022E-16	3.013144781
0.00071	3.001234983
0.00015	2.995366718
3.4609E-06	2.993574012
1.11022E-16	2.992402439
4.21511E-07	2.986482677
1.11022E-16	2.974335811
0.00024	2.973240227
0.00078	2.970366238
3.20777E-07	2.968725207
7.46779E-07	2.966538575
0.00016	2.964421811
2.25607E-11	2.96380755
1.11022E-16	2.959374995
1.11022E-16	2.953112555
1.11022E-16	2.948356534
9.78995E-11	2.942862697
3.55271E-15	2.942320652
3.21965E-15	2.917964473
1.11022E-16	2.910113985
1.11022E-16	2.897276875
0.00013	2.897076745
4.77396E-15	2.896876629
2.9976E-15	2.889681649

2.5955E-11	2.885426393
5.55112E-16	2.881177403
1.11022E-16	2.868137713
2.38712E-08	2.867675461
6.17736E-06	2.859894417
1.11022E-16	2.85377678
0.00077	2.853579655
1.11022E-16	2.846557756
1.11022E-16	2.845312685
3.00648E-13	2.838180422
0.00003	2.832565753
0.00013	2.831066039
1.10325E-10	2.824359661
3.79751E-10	2.807113676
3.86631E-09	2.806338149
1.11022E-16	2.795631981
6.09391E-10	2.790101483
1.11022E-16	2.787468703
1.29896E-14	2.786057017
1.10423E-12	2.784838408
1.75258E-10	2.78157004
1.43846E-10	2.776195206
4.3692E-07	2.773320105
1.16607E-12	2.768152423
1.11022E-16	2.765221978
3.30691E-09	2.754228703
2.66454E-15	2.752833851
0.00003	2.750616222
1.11022E-16	2.746249558
1.94955E-13	2.732624766
4.3225E-08	2.722325179
0.00029	2.721573077
1.11022E-16	2.720633241
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1.51759E-09	2.717377656
2.27596E-14	2.707197872
3.01981E-14	2.70545304
1.88738E-15	2.690481437
6.0968E-07	2.686581377
1.32538E-12	2.684788012
1.11022E-16	2.683490116
1.11022E-16	2.6826252
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1.29926E-07	2.65766355
1.11022E-16	2.653627749
5.0878E-08	2.651612148
1.93534E-12	2.64691503
1.11022E-16	2.643078123
1.11022E-16	2.642773845
4.7351E-08	2.61866534
1.11022E-16	2.615531772

8.67316E-07	2.614989805
1.11022E-16	2.613003551
8.18976E-11	2.611018807
0.00033	2.609696481
2.13337E-09	2.609275882
2.33968E-10	2.608074543
1.14233E-09	2.60753412
0.00007	2.607293969
0.00034	2.605493536
2.22924E-11	2.605073614
7.3377E-06	2.604773711
8.86382E-07	2.603694346
0.00006	2.600399058
1.11022E-16	2.589107007
1.33227E-15	2.582735904
7.13429E-13	2.581427902
0.0003	2.580179973
1.94178E-07	2.574542112
1.11022E-16	2.571994289
9.09892E-09	2.566374315
3.38866E-07	2.564779301
1.11022E-16	2.559528678
1.11022E-16	2.557172351
5.15878E-06	2.557054591
0.00012	2.53787367
1.03131E-08	2.526853131
4.44089E-15	2.520867389
8.61089E-06	2.512291332
0.00004	2.507956503
5.7291E-08	2.503744452
1.08328E-10	2.491035977
0.00002	2.487825987
0.00027	2.485936323
4.13732E-06	2.483704934
3.08136E-06	2.480333049
4.48468E-08	2.475141318
2.45525E-08	2.475141318
1.11022E-16	2.471724145
1.11022E-16	2.470870589
4.44089E-16	2.470244836
2.1327E-06	2.469107508
0.00053	2.462918268
1.11022E-16	2.462124445
1.11022E-16	2.458385581
2.15673E-08	2.448330259
1.11022E-16	2.44618895
1.79132E-10	2.444668632
1.11022E-16	2.443768148
2.23166E-12	2.441124896
1.32479E-07	2.438709107
0.00003	2.43326831

5.69791E-07	2.428119183
1.30397E-11	2.424934431
4.8171E-10	2.420583118
0.00006	2.417575245
2.67745E-06	2.414849113
6.71541E-12	2.41457111
1.11022E-16	2.410071905
1.11022E-16	2.406190457
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1.11022E-16	2.403919941
4.11585E-11	2.401485673
4.59271E-07	2.400877491
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1.44329E-15	2.39772847
0.00006	2.397618053
1.11022E-16	2.390892226
1.19563E-10	2.390286728
1.11022E-16	2.388306167
1.88973E-09	2.387811283
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1.11022E-16	2.386876782
0.00067	2.374925551
2.83537E-06	2.372466015
1.11022E-16	2.366246584
1.9984E-15	2.364993764
0.00008	2.3647215
0.00003	2.360641295
1.9974E-12	2.357762196
1.44329E-15	2.350444495
1.27847E-09	2.349037771
1.1455E-06	2.347685945
2.93749E-09	2.344714666
1.11022E-16	2.344228815
5.00711E-14	2.343851001
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4.06637E-09	2.341369733
3.96799E-06	2.339483573
1.11022E-16	2.339483573
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1.0793E-06	2.336630278
1.71118E-06	2.334694176
1.11022E-16	2.332652254
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7.88488E-08	2.329485438
1.11022E-16	2.323485679
4.92075E-06	2.322736796
1.11022E-16	2.322683314
1.11022E-16	2.316541047
1.17774E-08	2.31366246
1.11022E-16	2.313342838

1.11022E-16	2.312863487
5.74678E-08	2.309457636
1.46773E-10	2.309404459
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5.89656E-10	2.304252143
0.00002	2.304039923
8.56624E-07	2.302767015
4.44089E-16	2.302130825
1.11022E-16	2.301918801
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0.00014	2.299905543
4.07272E-10	2.297894047
1.11022E-16	2.297100519
6.51691E-06	2.296783185
6.02229E-12	2.2967303
4.25457E-11	2.295408577
8.30403E-06	2.2948801
5.9631E-06	2.294774419
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1.41179E-06	2.280657135
1.93323E-12	2.278400147
1.11022E-16	2.273055292
4.02493E-07	2.267514119
1.11022E-16	2.262611551
3.58248E-10	2.261361531
1.11022E-16	2.259123639
1.92126E-06	2.25803152
7.64299E-06	2.247656808
5.69714E-09	2.245691008
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2.85826E-09	2.23213265
1.11022E-16	2.22874304
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6.611E-07	2.226024808
5.40169E-06	2.224590099
0.00032	2.222798014
0.00061	2.217175138
3.47616E-10	2.217124086
6.89315E-11	2.216358451
0.00003	2.215440037
2.56652E-06	2.214267063
1.11022E-16	2.213961172
2.14916E-07	2.211260968
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7.6292E-07	2.207953892
0.00004	2.205667277
0.00018	2.203839689
1.37481E-09	2.20323083

1.4112E-10	2.200543713
9.10494E-13	2.199530558
4.29317E-08	2.196898539
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2.17878E-09	2.194269669
1.11022E-16	2.194067579
7.59412E-07	2.193259403
1.11022E-16	2.192098172
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6.07273E-08	2.189021363
2.21828E-06	2.188870156
3.95959E-11	2.188416598
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0.00087	2.18640192
1.44063E-11	2.185596568
1.11022E-16	2.18549592
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1.11022E-16	2.184439394
1.11022E-16	2.182378126
4.95077E-10	2.181172432
1.54743E-12	2.179465506
6.90781E-13	2.177910356
2.13115E-09	2.177509207
5.57952E-07	2.176306203
6.2035E-10	2.176005556
1.11022E-16	2.175755049
5.9952E-15	2.175704951
3.03868E-13	2.175654854
2.35269E-10	2.174853461
3.47092E-10	2.174703232
0.00086	2.17435274
0.00065	2.170900907
1.11022E-16	2.169401819
3.12662E-08	2.169351867
3.98039E-07	2.169152072
3.68527E-12	2.168652664
9.05442E-12	2.168502864
2.22045E-16	2.166606292
1.11022E-16	2.161274851
1.11022E-16	2.15665164
2.00178E-09	2.154666205
5.60663E-14	2.152930449
1.11022E-16	2.152434775
2.22045E-16	2.148819814
1.28896E-06	2.148424024
1.11022E-16	2.144717029
3.77731E-12	2.144371369
2.77556E-14	2.142693243
8.78771E-07	2.141657409
5.75588E-11	2.141460164
1.22345E-10	2.138946884

3.15098E-06	2.138946884
1.11022E-16	2.137715962
1.11022E-16	2.136682534
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1.11022E-16	2.135059586
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0.00036	2.128090044
1.11022E-16	2.125935088
3.24173E-07	2.125886138
2.31796E-07	2.125396691
6.21725E-15	2.124564889
2.29546E-06	2.123586716
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4.96977E-09	2.120606069
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2.00271E-11	2.119678526
9.40853E-11	2.118751388
3.10064E-09	2.118068493
1.11022E-16	2.115972407
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2.87601E-09	2.115680095
7.16274E-08	2.115192997
1.28683E-10	2.112807841
5.80818E-10	2.11125164
0.00002	2.11125164
0.00009	2.111008587
0.00005	2.110862769
2.94369E-07	2.110231006
3.63801E-06	2.106832456
4.54303E-13	2.106589911
9.35864E-06	2.105571531
1.11022E-16	2.104553643
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3.995E-10	2.102567756
1.73673E-11	2.100051765
1.11022E-16	2.099761652
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1.63505E-07	2.093003719
1.79649E-07	2.091510263
4.48359E-11	2.090306639
7.89858E-09	2.090258509
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0.00015	2.089248024
6.52367E-13	2.088526547
1.89293E-13	2.08511494
8.88178E-15	2.084922902

2.49567E-06	2.08463488
7.0998E-09	2.084250911
9.98412E-06	2.08415493
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1.11022E-16	2.079648801
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0.00084	2.076060474
9.01449E-11	2.07391045
0.00009	2.07343297
0.00035	2.072573782
2.41079E-09	2.072096609
3.98647E-10	2.071905771
3.77587E-12	2.070475043
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1.53807E-08	2.06647426
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1.14304E-11	2.062433717
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1.76053E-09	2.060487575
8.29697E-08	2.058732877
7.86336E-08	2.057074402
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1.14595E-06	2.0505955
2.58967E-11	2.0505955
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1.36002E-07	2.043995804
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3.43452E-06	2.036010437
3.86083E-09	2.033480443
1.67995E-06	2.033059083

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9.02835E-09	2.023997632
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1.22125E-15	2.019807591
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1.61204E-13	2.015069363
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9.83891E-08	2.008167804
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8.80828E-10	1.995262315
2.06168E-13	1.99466515
8.85039E-06	1.994481443
1.11022E-16	1.994435519
5.73833E-10	1.993930424
1.62727E-09	1.993012396
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2.99474E-08	1.989207097
6.22077E-08	1.989069692
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2.53466E-08	1.987787705
1.69198E-13	1.986460803

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1.03656E-08	1.983444259
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3.33067E-16	1.981253287
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2.18197E-08	1.940215635
6.27787E-09	1.938607997

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3.60505E-07	1.891733697
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1.7337E-07	1.891515916
3.64109E-10	1.891036885
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9.29146E-13	1.863288056
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5.75195E-08	1.860501395
2.62707E-09	1.860201542
3.5415E-12	1.859816087
1.11022E-16	1.8596448
1.03472E-07	1.859002612
3.33067E-16	1.858703
1.47811E-07	1.85823228
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1.11022E-15	1.856949101
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0.00003	1.855837731
0.00009	1.855794999
6.36835E-12	1.855325014
5.71432E-13	1.855196858
8.52099E-08	1.854556206
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2.52498E-12	1.852848883
0.00053	1.852678237
8.29567E-10	1.852422298
1.41812E-11	1.850248241
2.0095E-13	1.850248241
1.11022E-16	1.849609298
2.61491E-12	1.849396366
1.11022E-16	1.847396004
2.19823E-11	1.847098263
2.7505E-06	1.847098263
3.73334E-09	1.846545443
2.41416E-11	1.846502925
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1.56219E-12	1.842044001
6.75767E-06	1.840856774
6.27551E-07	1.840687233
7.15323E-11	1.840305822
3.1339E-06	1.839204412
5.87713E-09	1.836834382
4.59849E-11	1.836411484

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9.02582E-09	1.835481451
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0.00005	1.832567583
1.55475E-07	1.832103482
0.00074	1.830585424
2.89683E-08	1.829953271
8.30598E-10	1.828016031
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9.41626E-07	1.82687991
1.40874E-06	1.826795781
1.61117E-06	1.825744496
5.17183E-07	1.825702457
2.08317E-08	1.825366181
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0.00018	1.824861883
3.07625E-07	1.824777847
5.82867E-14	1.824777847
7.21645E-15	1.822888059
4.20934E-06	1.822846086
7.77156E-16	1.822300524
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3.36136E-11	1.806966079
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6.0324E-12	1.802685643

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1.74069E-06	1.802270607
4.20775E-14	1.802229109
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7.04342E-11	1.801482302
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1.33227E-15	1.800901667
2.2788E-08	1.8005285
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7.62336E-10	1.799160882
1.84286E-11	1.797380394
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9.25482E-13	1.797132094
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9.76996E-14	1.795105593
4.88498E-15	1.794692302
3.93528E-06	1.794031235
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1.11022E-16	1.792255823
6.42459E-06	1.791760673
0.00002	1.791760673
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1.82294E-11	1.790812017
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1.37845E-12	1.789245773
4.66851E-06	1.789039791
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1.21695E-07	1.77210724
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1.42076E-06	1.754284394
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2.88367E-09	1.753557455
5.83311E-13	1.752911539

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9.48629E-07	1.747994251
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1.23203E-08	1.614209876

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