

EST/Contig	Similarity to ...
<b>regulation of embryonic development</b>	
CL1027Contig1	GB AAH44082.1 28422594 BC044082 LOC398558 protein {Xenopus laevis}
CL139Contig1	GB AAH44082.1 28422594 BC044082 LOC398558 protein {Xenopus laevis}; UP Q6DRE3 (Q6DRE3) NOP5/NOP58
<b>embryonic development</b>	
<i>embryonic cleavage</i>	
CL1681Contig1	UP AAH00338 (AAH00338) PSMD7 protein (Fragment); PIR S65491 S65491 26S proteasome regulatory chain 12 - human {Homo sapiens}
CL1951Contig1	SP Q90336 M14A_CYPCA Mitogen-activated protein kinase 14a (Mitogen- activated protein kinase p38a) (MAP kinase p38a) (cp38a). {Cyprinus carpio}; UP M14B_BRARE (Q9DGE1) Mitogen-activated protein kinase 14b (Mitogen- activated protein kinase p38b) (MAP kinase p38b) (zp38b) ; UP Q6P3M1 (Q6P3M1) Mapk14b protein
CL691Contig1	UP Q9WTX5 (Q9WTX5) SCF complex protein SKP1 (Transcription elongation factor B (SIII) polypeptide 1 (15 kDa) -like) ; GB AAD16036.1 4322377  AF083214 SCF complex protein Skp1 {Mus musculus}; ; UP Q6PBY8 (Q6PBY8) S-phase kinase-associated protein 1A
McF0002H23-MGRbd1	SP O15212 PFD6_HUMAN Prefoldin subunit 6 (Protein Ke2). {Homo sapiens};
McF0007P17-MGRbd1	UP M14B_BRARE (Q9DGE1) Mitogen-activated protein kinase 14b (Mitogen- activated protein kinase p38b) (MAP kinase p38b) (zp38b) ; UP Q6P3M1 (Q6P3M1) Mapk14b protein
McF0015D06-MGRbd1	UP AAH00338 (AAH00338) PSMD7 protein (Fragment)
McF0029P06-MGRbd1	SP O42376 MK12_BRARE Mitogen-activated protein kinase 12 (Stress- activated protein kinase-3). {Danio rerio}; ; PIR JW0052 JW0052 extracellular signal-regulated kinase 1 - common carp {Cyprinus carpio}; ; UP Q7LZH4 (Q7LZH4) Extracellular signal-regulated kinase 1
McF0043J21-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress- activated protein kinase-3)
McF0050F02-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress- activated protein kinase-3)
<i>embryonic development</i>	
CL1450Contig1	UP Q8AYB5 (Q8AYB5) Bone morphogenetic protein 4 (Fragment) ; UP  O57574 (O57574) Bone genetic protein 4 (Bone morphogenetic protein 4)
CL2034Contig1	UP AAH64288 (AAH64288) Wu:fk59f01 protein
CL2184Contig1	UP AAH64288 (AAH64288) Wu:fk59f01 protein ; UP Q6P2U9 (Q6P2U9) Cops3 protein
CL937Contig1	GB AAH51012.1 29835136 BC051012 Cdc2I2 protein {Mus musculus}; Cdc2I1 protein [Mus musculus]
McF0001MGR-1B01bd1	UP PAX5_MOUSE (Q02650) Paired box protein Pax-5 (B-cell specific transcription factor) (BSAP) ; UP O57685 (O57685) Paired box protein ; UP  O57676 (O57676) Paired box protein
McF0002N23-MGRbd1	UP AD10_HUMAN (O14672) ADAM 10 precursor (A disintegrin and metalloproteinase domain 10) (Mammalian disintegrin-metalloprotease) (Kuzbanian protein homolog)
McF0024K12-MGRbd2	UP Q9IB69 (Q9IB69) BHLH transcription factor Mesp-b; UP O08574 (O08574) BHLH protein Mesp2
McF0035M02-MGRbd1	UP Q70AG7 (Q70AG7) Protein-O-fucosyltransferase ; UP Q7T028 (Q7T028) GDP-fucose protein O-fucosyltransferase 1
McF0039C13-MGRbd1	UP EYA4_MOUSE (Q9Z191) Eyes absent homolog 4 ; UP Q9W6E8 (Q9W6E8) Eyes absent homolog 1

McF0039M07-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1 ; UP Q98TH1 (Q98TH1) Homeobox protein six2.1
McF0040O05-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1
McF0040P09-MGRbd1	AAH57249 (AAH57249) Mab-21-like 1 ; UP Q6NYB4 (Q6NYB4) Mab-21-like 1 ; UP Q8UUZ1 (Q8UUZ1) Cell fate determining protein MAB21L2 (Mab-21-like 2)
<i>gastrulation</i>	
CL1431Contig1	UP Q9PW31 (Q9PW31) Rac GTPase ; SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-like protein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; UP O93466 (O93466) GTPase cRac1B ; UP Q6LC82 (Q6LC82) GTPase cRac1A
CL1676Contig1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;} ;
CL1905Contig1	UP Q9PVF7 (Q9PVF7) Cell-adhesion protein plakoglobin ; UP CTNB_MOUSE (Q02248) Beta-catenin
CL207Contig1	UP O93467 (O93467) GTPase CRHOA
CL2435Contig1	GB AAH44508.1 27881949 BC044508 ras homolog gene family member G (rho G) {Danio rerio;} ; UP Q803F2 (Q803F2) Ras homolog gene family member G ; UP Q803L7 (Q803L7) Ras homolog gene family member G
CL2593Contig1	UP Q803L7 (Q803L7) Ras homolog gene family member G ; UP Q803F2 (Q803F2) Ras homolog gene family member G ; GB AAH44508.1 27881949 BC044508 ras homolog gene family member G (rho G) {Danio rerio;} ;
CL2628Contig1	UP Q6TEM4 (Q6TEM4) GTP-binding protein ; GB AAB47133.1 1839517 S82240 RhoE {Homo sapiens;} ; UP RHOE_HUMAN (P61587) Rho-related GTP-binding protein RhoE (Rho8) (Rnd3)
CL2633Contig1	UP O93467 (O93467) GTPase CRHOA ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. {Homo sapiens;} ; UP Q9PSX7 (Q9PSX7) GTP-binding protein
CL370Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ;
CL377Contig1	UP Q9PT08 (Q9PT08) Small ubiquitin-related protein 1
CL436Contig1	GB AAH05462.1 13529470 BC005462 Psmc2 protein {Mus musculus;} ; SP P46472 PRS7_XENLA 26S protease regulatory subunit 7 (MSS1 protein). {Xenopus laevis;} ; UP Q8BVQ9 (Q8BVQ9) Mus musculus adult male testis cDNA RIKEN full-length enriched library clone:4930525G09 product:PROTEASOME (PROSOME MACROPAIN) 26S SUBUNIT ATPASE 2 full insert sequence
CL468Contig1	UP CTNB_MOUSE (Q02248) Beta-catenin ; UP Q7ZU14 (Q7ZU14) Catenin (Cadherin-associated protein) beta
CL535Contig1	SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-like protein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; GB AAA36544.1 190875 HUMRASAA ras-like protein {Homo sapiens;} ; UP Q9PW31 (Q9PW31) Rac GTPase
CL631Contig1	UP AAH64227 (AAH64227) MGC76159 protein ; GB AAH45087.1 28278099 BC045087 Psmc6 protein {Xenopus laevis;} ; UP Q7ZX98 (Q7ZX98) Psmc6 protein (Fragment) ; GB AAH43044.1 28175479 BC043044 Psmc6 protein {Mus musculus;} ; GB AAH45087.1 28278099 BC045087 Psmc6 protein {Xenopus laevis;} ;
CL651Contig1	UP O93468 (O93468) GTPase CRHOB ; UP Q7ZWY1 (Q7ZWY1) MGC52893 protein

CL655Contig1	UP CADB_XENLA (P33152) Blastomere-cadherin precursor (B-cadherin) (XBcad); UP CADL_CHICK (P33145) B-cadherin precursor (K-CAM protein) (Fragment); UP CAD1_CHICK (P08641) Epithelial-cadherin precursor (E-cadherin) (Cadherin-1) (Liver cell adhesion molecule) (L-CAM); GB AAC16910.1 3150273 XLU04707 C-cadherin {Xenopus laevis;}
CL862Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;}; UP AAH57415 (AAH57415) Wu:fb07d08 ; UP Q6PFU4 (Q6PFU4) Cdc42 protein homolog ; UP CD42_CANFA (P60952) Cell division control protein 42 homolog (G25K GTP-binding protein)
McF0005J01-MGRbd1	UP LPP3_MOUSE (Q99JY8) Lipid phosphate phosphohydrolase 3 (Phosphatidic acid phosphatase 2b) (Phosphatidate phosphohydrolase type 2b) (PAP2b) (PAP-2b) (PAP2-beta)
McF0005N05-MGRbd1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;}
McF0007N10-MGRbd1	GB AAH05462.1 13529470 BC005462 Psmc2 protein {Mus musculus;}; SP P46472 PRS7_XENLA 26S protease regulatory subunit 7 (MSS1 protein). {Xenopus laevis;}
McF0009N05-MGRbd1	UP Q7ZWY1 (Q7ZWY1) MGC52893 protein ; UP O93467 (O93467) GTPase CRHOA ; UP RHOA_HUMAN (P06749) Transforming protein RhoA (H12); GB AAH45850.1 28277785 BC045850 ras-like protein TC10 {Danio rerio;}; SP Q9HBH0 RHOA_HUMAN Rho-related GTP-binding protein RhoF (Rho-family GTPase Rif) (Rho infilopodia). {Homo sapiens;}
McF0011E04-MGRbd1	SP P06749 RHOA_HUMAN Transforming protein RhoA (H12). {Homo sapiens;Bos taurus;}; UP O93467 (O93467) GTPase CRHOA
McF0014O19-MGRbd1	UP SMA1_BRARE (Q918V2) Mothers against decapentaplegic homolog 1 (SMAD 1) (Mothers against DPP homolog 1) (Smad1) ; UP SMA5_BRARE (Q9W7E7) Mothers against decapentaplegic homolog 5 (SMAD 5) (Mothers against DPP homolog 5) (Smad5) (Somitabun protein)
McF0020N21-MGRbd1	SP Q63055 ARP_RAT ARF-related protein (ARP). {Rattus norvegicus;}; UP Q7SYY5 (Q7SYY5) Cg7039-prov protein
McF0024L03-MGRbd2	UP Q6P1A8 (Q6P1A8) Ankyrin repeat domain 6 ; (Q8UVT6) {brachydanio rerio} diversin
McF0025E19-MGRbd2	UP AAH64227 (AAH64227) MGC76159 protein ; UP Q7ZX98 (Q7ZX98) Psmc6 protein (Fragment) ; GB AAH45087.1 28278099 BC045087 Psmc6 protein {Xenopus laevis;}
McF0026N12-MGRbd1	UP PR17_MOUSE (Q9DC48) Pre-mRNA splicing factor PRP17 (Cell division cycle 40 homolog) ; UP PR17_HUMAN (O60508) Pre-mRNA splicing factor PRP17 (hPRP17) (Cell division cycle 40 homolog) (EH-binding protein 3) (Ehb3)
McF0029P06-MGRbd1	SP O42376 MK12_BRARE Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3). {Danio rerio;}; PIR JW0052 JW0052 extracellular signal-regulated kinase 1 - common carp {Cyprinus carpio;}; UP Q7LZH4 (Q7LZH4) Extracellular signal-regulated kinase 1
McF0033E08-MGRbd1	GB AAP35777.1 30583065 BT007113 asparagine synthetase {Homo sapiens;}; UP Q9PTF9 (Q9PTF9) Bone morphogenetic protein 7 ; UP Q8SQB0 (Q8SQB0) Diacylglycerol acyltransferase 1 ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;}
McF0034P23-MGRbd1	UP O57341 (O57341) Fibroblast growth factor 8 ; UP Q805B2 (Q805B2) Fibroblast growth factor 17
McF0042D16-MGRbd1	UP AAP20195 (AAP20195) Ras-related C3 botulinum toxin substrate 2
McF0043J21-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3)

McF0044N10-MGRbd1	UP Q9PSX7 (Q9PSX7) GTP-binding protein ; UP Q6NUX8 (Q6NUX8) Ras homolog gene family member A ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. {Homo sapiens;} ; UP O93467 (O93467) GTPase CRHOA
McF0045I17-MGRbd1	UP PDPK_RAT (O55173) 3-phosphoinositide dependent protein kinase-1 (Protein kinase B kinase) (Pkb kinase) ; SP P51817 PKX1_HUMAN Protein kinase PKX1 . {Homo sapiens;} ; GB AAH43830.1 27696300 BC043830 psph-A protein {Xenopus laevis;} ;
McF0046B02-MGRbd1	UP LPP3_MOUSE (Q99JY8) Lipid phosphate phosphohydrolase 3 (Phosphatidic acid phosphatase 2b) (Phosphatidate phosphohydrolase type 2b) (PAP2b) (PAP-2b) (PAP2-beta)
McF0046F15-MGRbd1	GB AAD38940.2 6579191 AF141386 SLIT-2 {Rattus norvegicus;} ; UP SLT2_MOUSE (Q9R1B9) Slit homolog 2 protein precursor (Slit-2) ; UP SLT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) ; GB AAD25539.1 4585572 AF133270 SLIT2 {Homo sapiens;} ; GB AAD04309.1 4151205 AF055585 neurogenic extracellular slit protein Slit2 {Homo sapiens;} ;
McF0046I08-MGRbd1	UP O93467 (O93467) GTPase CRHOA ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;} ; UP Q9PSX7 (Q9PSX7) GTP-binding protein
McF0051O09-MGRbd1	UP SMA2_BRARE (Q9I9P9) Mothers against decapentaplegic homolog 2 (SMAD 2) (Mothers against DPP homolog 2) (Smad2) ; UP Q7ZU35 (Q7ZU35) MAD homolog 2 ; UP Q8AY15 (Q8AY15) Smad3a

### **embryonic morphogenesis**

#### *embryonic eye morphogenesis*

CL1450Contig1	UP Q8AYB5 (Q8AYB5) Bone morphogenetic protein 4 (Fragment); UP O57574 (O57574) Bone genetic protein 4 (Bone morphogenetic protein 4)
McF0001MGR-1B01bd1	UP PAX5_MOUSE (Q02650) Paired box protein Pax-5 (B-cell specific transcription factor) (BSAP); UP O57685 (O57685) Paired box protein ; UP O57676 (O57676) Paired box protein
McF0039C13-MGRbd1	UP EYA4_MOUSE (Q9Z191) Eyes absent homolog 4 ; UP Q9W6E8 (Q9W6E8) Eyes absent homolog 1
McF0039M07-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1 ; UP Q98TH1 (Q98TH1) Homeobox protein six2.1
McF0040O05-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1
McF0040P09-MGRbd1	AAH57249 (AAH57249) Mab-21-like 1 ; UP Q6NYB4 (Q6NYB4) Mab-21-like 1 ; UP Q8UUZ1 (Q8UUZ1) Cell fate determining protein MAB21L2 (Mab-21-like 2)

### **embryonic pattern specification**

#### *embryonic axis specification*

CL1861Contig1	UP HS9A_BRARE (Q90474) Heat shock protein HSP 90-alpha ; PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta
CL2098Contig1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ;
CL2370Contig1	UP Q7T3L3 (Q7T3L3) Chaperone protein GP96 ; UP AAQ95586 (AAQ95586) HSP-90

CL329Contig1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2) (Ubiquitin-protein ligase) (Ubiquitin carrier protein)
CL58Contig1	UP AAQ95586 (AAQ95586) HSP-90
McF0006K02-MGRbd1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2I)
McF0029D22-MGRbd1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2I)
McF0029P06-MGRbd1	SP O42376 MK12_BRARE Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3). {Danio rerio;} ; PIR JW0052 JW0052 extracellular signal-regulated kinase 1 - common carp {Cyprinus carpio;} ; UP Q7LZH4 (Q7LZH4) Extracellular signal-regulated kinase 1
McF0042A21-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;} ; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta ; UP Q6TL18 (Q6TL18) HSP-90
McF0043J21-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3)
McF0052I07-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;} ; UP Q6P0Y9 (Q6P0Y9) Hsp90b protein
<i>segment specification</i>	
CL1861Contig1	UP HS9A_BRARE (Q90474) Heat shock protein HSP 90-alpha ; PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta
CL1905Contig1	UP Q9PVF7 (Q9PVF7) Cell-adhesion protein plakoglobin ; UP CTNB_MOUSE (Q02248) Beta-catenin
CL2098Contig1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ;
CL2370Contig1	UP Q7T3L3 (Q7T3L3) Chaperone protein GP96 ; UP AAQ95586 (AAQ95586) HSP-90
CL329Contig1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugating enzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;} ; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2) (Ubiquitin-protein ligase) (Ubiquitin carrier protein)
CL468Contig1	UP CTNB_MOUSE (Q02248) Beta-catenin ; UP Q7ZU14 (Q7ZU14) Catenin (Cadherin-associated protein) beta
CL58Contig1	UP AAQ95586 (AAQ95586) HSP-90
McF0003M23-MGRbd1	UP Q61340 (Q61340) Basic domain/leucine zipper transcription factor (Fragment)

McF0006K02-MGRbd1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;}; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2I)
McF0009B02-MGRbd1	SP P25916 BMI1_MOUSE Polycomb complex protein BMI-1. {Mus musculus;}; UP Q9BYE7 (Q9BYE7) HMBLR protein
McF0012M19-MGRbd1	UP Q803Q5 (Q803Q5) Wu:fc05d12 protein
McF0029D22-MGRbd1	SP P50550 UBCI_HUMAN Ubiquitin-like protein SUMO-1 conjugating enzyme (SUMO-1-protein ligase) (Ubiquitin carrier protein) (Ubiquitin-conjugatingenzyme UbcE2A) (P18). {Xenopus laevis;Gallus gallus;Homo sapiens;Mus musculus;Rattus norvegicus;}; UP Q9W6H5 (Q9W6H5) Ubiquitin-conjugating enzyme 9 (Ubiquitin-conjugating enzyme E2I)
McF0029P06-MGRbd1	SP O42376 MK12_BRARE Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3). {Danio rerio;}; PIR JW0052 JW0052 extracellular signal-regulated kinase 1 - common carp {Cyprinus carpio;}; UP Q7LZH4 (Q7LZH4) Extracellular signal-regulated kinase 1
McF0032E09-MGRbd1	UP Q61340 (Q61340) Basic domain/leucine zipper transcription factor (Fragment) ; UP ALU6_HUMAN (P39193) Alu subfamily SP sequence contamination warning entry
McF0042A21-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;}; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;}; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta ; UP Q6TL18 (Q6TL18) HSP-90
McF0043J21-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3)
McF0049J02-MGRbd1	Protein pangolin [Drosophila melanogaster]; Q95YK0 ciona savignyi. cs-tcf protein
McF0052I07-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;}; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;}; UP Q6P0Y9 (Q6P0Y9) Hsp90b protein

EST/Contig	Similarity to ...
<b>embryonic morphogenesis</b>	
<i>embryonic eye morphogenesis</i>	
CL1450Contig1	UP Q8AYB5 (Q8AYB5) Bone morphogenetic protein 4 (Fragment) ; UP O57574 (O57574) Bone genetic protein 4 (Bone morphogenetic protein 4)
McF0001MGR-1B01bd1	UP PAX5_MOUSE (Q02650) Paired box protein Pax-5 (B-cell specific transcription factor) (BSAP) ; UP O57685 (O57685) Paired box protein ; UP O57676 (O57676) Paired box protein
McF0039C13-MGRbd1	UP EYA4_MOUSE (Q9Z191) Eyes absent homolog 4 ; UP Q9W6E8 (Q9W6E8) Eyes absent homolog 1
McF0039M07-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1 ; UP Q98TH1 (Q98TH1) Homeobox protein six2.1
McF0040O05-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1
McF0040P09-MGRbd1	AAH57249 (AAH57249) Mab-21-like 1 ; UP Q6NYB4 (Q6NYB4) Mab-21-like 1 ; UP Q8UUZ1 (Q8UUZ1) Cell fate determining protein MAB21L2 (Mab-21-like 2)
<b>organogenesis</b>	
<i>eye morphogenesis</i>	
CL1431Contig1	UP Q9PW31 (Q9PW31) Rac GTPase ; SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-like protein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; UP O93466 (O93466) GTPase cRac1B ; UP Q6LC82 (Q6LC82) GTPase cRac1A
CL1450Contig1	UP Q8AYB5 (Q8AYB5) Bone morphogenetic protein 4 (Fragment) ; UP O57574 (O57574) Bone genetic protein 4 (Bone morphogenetic protein 4)
CL1644Contig1	UP Q6NX50 (Q6NX50) CDC10 protein (Fragment) ; UP AAH25987 (AAH25987) CDC10 protein (Fragment) ; UP Q6Q137 (Q6Q137) Cell division cycle 10 ; SP Q16181 SEP7_HUMAN Septin 7 (CDC10 protein homolog). {Homo sapiens;}
CL1676Contig1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;}
CL1774Contig1	SP P11082 P2AB_HUMAN Serine/threonine protein phosphatase 2A catalytic subunit betaisoform (PP2A-beta). {Homo sapiens;Mus musculus;Rattus norvegicus;} ; UP Q9Y175 (Q9Y175) Serine/threonine phosphatase ; SP P05323 P2AA_HUMAN Serine/threonine protein phosphatase 2A catalytic subunit alphaisoform (PP2A-alpha) (Replication protein C) (RP-C). {Homo sapiens;Sus scrofa;Bos taurus;Orctolagus cuniculus;}
CL1861Contig1	UP HS9A_BRARE (Q90474) Heat shock protein HSP 90-alpha ; PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta
CL1998Contig1	UP O57467 (O57467) C-Ki-ras-2 protooncogene ; PIR S31720 S31720 transforming protein (K-ras) - short-tailed opossum (Monodelphis domestica) {Monodelphis domestica;} ; GB AAA36556.1 553638 HUMRASNT2 N-ras protein (transforming allele) {Homo sapiens;} ; UP Q9PSS8 (Q9PSS8) P21-ras protein
CL207Contig1	UP O93467 (O93467) GTPase CRHOA
CL2370Contig1	UP Q7T3L3 (Q7T3L3) Chaperone protein GP96 ; UP AAQ95586 (AAQ95586) HSP-90
CL2432Contig1	SP P22123 RAPA_DISOM Ras-related protein O-Krev. [Discopyge ommata;} ; SP P10113 RAPA_HUMAN Ras-related protein Rap-1A (C21KG) (KREV-1 protein) (GTP-bindingprotein SMG-P21A) (G-22K). {Homo sapiens;Bos taurus;Mus musculus;Rattus norvegicus;} ; UP AAQ97994 (AAQ97994) RAP1B member of RAS oncogene family

CL2435Contig1	GB AAH44508.1 27881949 BC044508 ras homolog gene family member G (rho G) {Danio rerio;}; UP Q803F2 (Q803F2) Ras homolog gene family member G ; UP Q803L7 (Q803L7) Ras homolog gene family member G
CL2593Contig1	UP Q803L7 (Q803L7) Ras homolog gene family member G ; UP Q803F2 (Q803F2) Ras homolog gene family member G
CL2628Contig1	UP Q6TEM4 (Q6TEM4) GTP-binding protein ; GB AAB47133.1 1839517 S82240 RhoE {Homo sapiens;}; UP RHOE_HUMAN (P61587) Rho-related GTP-binding protein RhoE (Rho8) (Rnd3)
CL2633Contig1	UP O93467 (O93467) GTPase CRHOA ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. {Homo sapiens;}; UP Q9PSX7 (Q9PSX7) GTP-binding protein
CL3192Contig1	SP P22124 RAL_DISOM Ras-related protein O-RAL. {Discopyge ommata;}; SP P11234 RALB_HUMAN Ras-related protein Ral-B. {Homo sapiens;}; SP Q9YH09 RALB_XENLA (Q9YH09) Ras-related protein Ral-B. {Xenopus laevis;}; UP RAL_DISOM (P22124) Ras-related protein O-RAL
CL3444Contig1	SP Q91880 SUH_XENLA Suppressor of hairless protein homolog (X-Su(H)). {Xenopus laevis;}; UP Q6YLA3 (Q6YLA3) Suppressor of hairless
CL370Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;}; PDB 1AJE.0 2624582 1AJE Cdc42 From Human Nmr 20 Structures. {Homo sapiens;}; UP AAH57415 (AAH57415) Wu:fb07d08
CL535Contig1	SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-likeprotein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;}; GB AAA36544.1 190875 HUMRASAA ras-like protein {Homo sapiens;}; UP Q9PW31 (Q9PW31) Rac GTPase
CL58Contig1	UP AAQ95586 (AAQ95586) HSP-90
CL651Contig1	UP O93468 (O93468) GTPase CRHOB ; UP Q7ZWY1 (Q7ZWY1) MGC52893 protein
CL725Contig1	GB AAH02223.1 12805495 BC002223 protein phosphatase 6 catalytic subunit {Mus musculus;}; SP O00743 PPP6_HUMAN Serine/threonine protein phosphatase 6 (PP6). {Homo sapiens;}
CL862Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;}; UP AAH57415 (AAH57415) Wu:fb07d08 ; UP Q6PFU4 (Q6PFU4) Cdc42 protein homolog ; UP CD42_CANFA (P60952) Cell division control protein 42 homolog (G25K GTP-binding protein)
McF0001MGR-1B01bd1	UP PAX5_MOUSE (Q02650) Paired box protein Pax-5 (B-cell specific transcription factor) (BSAP) ; UP O57685 (O57685) Paired box protein ; UP O57676 (O57676) Paired box protein
McF0004K13-MGRbd1	UP Q9EQT3 (Q9EQT3) GTP-binding protein like 1 (Wrch-1)
McF0004L12-MGRbd1	UP AAH25987 (AAH25987) CDC10 protein (Fragment) ; UP Q6NX50 (Q6NX50) CDC10 protein (Fragment) ; UP Q6Q137 (Q6Q137) Cell division cycle 10
McF0005N05-MGRbd1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;}
McF0006K12-MGRbd1	PIR S20348 S20348 phosphoprotein phosphatase 2A-alpha catalytic chain - clawed frog {Xenopus;}; UP Q9YI76 (Q9YI76) Serine/threonine phosphatase ; UP AAH64168 (AAH64168) MGC75638 protein ; UP P2AB_RABBIT (P11611) Serine/threonine protein phosphatase 2A catalytic subunit beta isoform (PP2A-beta) ; UP P2AA_HUMAN (P05323) Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform (PP2A-alpha) (Replication protein C) (RP-C)



McF0007F04-MGRbd1	UP Q28414 (Q28414) Gag-onc fusion protein (Fragment) ; UP HCK_MOUSE (P08103) Tyrosine-protein kinase HCK (p56-HCK/p59-HCK) (Hemopoietic cell kinase) (B-cell/myeloid kinase) (BMK) ; UP FGR_HUMAN (P09769) Proto-oncogene tyrosine-protein kinase FGR (P55-FGR) (C-FGR)
McF0009F13-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0009K01-MGRbd1	SP P17082 RRA2_HUMAN Ras-related protein R-Ras2 (Ras-like protein TC21) (Teratocarcinoma oncogene). {Homo sapiens;Mus musculus;} ; UP RRA2_HUMAN (P62070) Ras-related protein R-Ras2 (Ras-like protein TC21) (Teratocarcinoma oncogene) ; SP P08642 RASH_CHICK Transforming protein P21/H-RAS-1. {Gallus gallus;} ;
McF0009K14-MGRbd1	UP Q9PSZ7 (Q9PSZ7) G-protein ; SP P08642 RASH_CHICK Transforming protein P21/H-RAS-1. {Gallus gallus;} ; UP O57467 (O57467) C-Ki-ras-2 protooncogene ; UP RASH_CHICK (P08642) Transforming protein P21/H-RAS-1 ; UP Q9PSZ7 (Q9PSZ7) G-protein
McF0009N05-MGRbd1	UP Q7ZWY1 (Q7ZWY1) MGC52893 protein ; UP O93467 (O93467) GTPase CRHOA ; UP RHOA_HUMAN (P06749) Transforming protein RhoA (H12) ; GB AAH45850.1 28277785 BC045850 ras-like protein TC10 {Danio rerio;} ; SP Q9HBH0 RHOA_HUMAN Rho-related GTP-binding protein RhoA (Rho family GTPase Rif) (Rho infilopodia). {Homo sapiens;} ;
McF0010I02-MGRbd1	UP AAH25987 (AAH25987) CDC10 protein (Fragment) ; UP Q6NX50 (Q6NX50) CDC10 protein (Fragment) ; UP Q6Q137 (Q6Q137) Cell division cycle 10
McF0011C23-MGRbd1	UP Q8AWF1 (Q8AWF1) Yes-relayed kinase ; GB CAA38715.1 64482 XHCFYN p59(Xfyn) {Xiphophorus hellerii;} ; protein-tyrosine kinase [Danio rerio] ; GB CAA23696.1 1667361 GGCSRC pp60-c-src protein {Gallus gallus;} ;
McF0011E04-MGRbd1	SP P06749 RHOA_HUMAN Transforming protein RhoA (H12). {Homo sapiens;Bos taurus;} ; UP O93467 (O93467) GTPase CRHOA
McF0018I23-MGRbd1	SP P56563 LMIP_MOUSE Lens fiber membrane intrinsic protein (MP17) (MP18) (MP19) (MP20). {Mus musculus;} ; UP LMIP_MOUSE (P56563) Lens fiber membrane intrinsic protein (MP17) (MP18) (MP19) (MP20) ; UP LMIP_HUMAN (P55344) Lens fiber membrane intrinsic protein (MP18) (MP19) (MP20)
McF0018M16-MGRbd1	UP AAH57160 (AAH57160) Pelo protein ; UP Q6PG91 (Q6PG91) Pelo protein
McF0019F13-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; UP Q8NG24 (Q8NG24) GTP-binding protein Rab25
McF0023A09-MGRbd1	UP 7UP1_DROME (P16375) Steroid receptor seven-up type 1
McF0024D10-MGRbd2	GB AAH45870.1 28278489 BC045870 seven in absentia 1A {Danio rerio;} ;
McF0028B18-MGRbd1	GB AAH45870.1 28278489 BC045870 seven in absentia 1A {Danio rerio;} ;
McF0028M15-MGRbd1	GB AAH02223.1 12805495 BC002223 protein phosphatase 6 catalytic subunit {Mus musculus;} ;
McF0029F02-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ;
McF0029P06-MGRbd1	SP O42376 MK12_BRARE Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3). {Danio rerio;} ; PIR JW0052 JW0052 extracellular signal-regulated kinase 1 - common carp {Cyprinus carpio;} ; UP Q7LZH4 (Q7LZH4) Extracellular signal-regulated kinase 1
McF0030H05-MGRbd1	SP Q91880 SUH_XENLA Suppressor of hairless protein homolog (X-Su(H)). {Xenopus laevis;} ; UP Q6YLA3 (Q6YLA3) Suppressor of hairless
McF0033E08-MGRbd1	GB AAP35777.1 30583065 BT007113 asparagine synthetase {Homo sapiens;} ; UP Q9PTF9 (Q9PTF9) Bone morphogenetic protein 7 ; UP Q8SQB0 (Q8SQB0) Diacylglycerol acyltransferase 1 ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;} ;
McF0033I24-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor

McF0037F06-MGRbd1	UP NDF1_XENLA (Q91616) Neurogenic differentiation factor 1 (NeuroD1)
McF0039C13-MGRbd1	UP EYA4_MOUSE (Q9Z191) Eyes absent homolog 4 ; UP Q9W6E8 (Q9W6E8) Eyes absent homolog 1
McF0039M07-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1 ; UP Q98TH1 (Q98TH1) Homeobox protein six2.1
McF0040O05-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1
McF0040P09-MGRbd1	AAH57249 (AAH57249) Mab-21-like 1 ; UP Q6NYB4 (Q6NYB4) Mab-21-like 1 ; UP Q8UUZ1 (Q8UUZ1) Cell fate determining protein MAB21L2 (Mab-21-like 2)
McF0041G10-MGRbd1	SP P10113 RAPA_HUMAN Ras-related protein Rap-1A (C21KG) (KREV-1 protein) (GTP-bindingprotein SMG-P21A) (G-22K). {Homo sapiens;Bos taurus;Mus musculus;Rattus norvegicus;} ; UP Q7ZXH7 (Q7ZXH7) Rap1b-prov protein ; SP P10113 RAPA_HUMAN Ras-related protein Rap-1A (C21KG) (KREV-1 protein) (GTP-bindingprotein SMG-P21A) (G-22K). {Homo sapiens;Bos taurus;Mus musculus;Rattus norvegicus;} ; UP RAPA_HUMAN (P10113) Ras-related protein Rap-1A (C21KG) (KREV-1 protein) (GTP-binding protein SMG-P21A) (G-22K)
McF0041I22-MGRbd1	SP O73916 SIX3_ORYLA Homeobox protein SIX3 (Sine oculis homeobox homolog 3). {Oryzias latipes;} ;
McF0041K07-MGRbd1	UP Q9PSZ7 (Q9PSZ7) G-protein ; UP O57467 (O57467) C-Ki-ras-2 protooncogene ; UP Q9PSS8 (Q9PSS8) P21-ras protein ; SP P08642 RASH_CHICK Transforming protein P21/H-RAS-1. {Gallus gallus;} ; PIR S31720 S31720 transforming protein (K-ras) - short-tailed opossum (Monodelphis domestica) {Monodelphis domestica;} ;
McF0042A21-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;} ; UP Q9W6K6 (Q9W6K6) Heat shock protein hsp90 beta ; UP Q6TL18 (Q6TL18) HSP-90
McF0042D16-MGRbd1	UP AAP20195 (AAP20195) Ras-related C3 botulinum toxin substrate 2
McF0043J21-MGRbd1	UP MK12_BRARE (O42376) Mitogen-activated protein kinase 12 (Stress-activated protein kinase-3)
McF0043P14-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0044N10-MGRbd1	UP Q9PSX7 (Q9PSX7) GTP-binding protein ; UP Q6NUX8 (Q6NUX8) Ras homolog gene family member A ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. {Homo sapiens;} ; UP O93467 (O93467) GTPase CRHOA
McF0045B18-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH54185.1 32450102 BC054185 fgg-prov protein {Xenopus laevis;} ;
McF0045I17-MGRbd1	UP PDPK_RAT (O55173) 3-phosphoinositide dependent protein kinase-1 (Protein kinase B kinase) (Pkb kinase) ; SP P51817 PKX1_HUMAN Protein kinase PKX1 . {Homo sapiens;} ; GB AAH43830.1 27696300 BC043830 psph-A protein {Xenopus laevis;} ;
McF0045K13-MGRbd1	PIR S20348 S20348 phosphoprotein phosphatase 2A-alpha catalytic chain - clawed frog {Xenopus;} ; UP Q9YI76 (Q9YI76) Serine/threonine phosphatase ; UP AAH64168 (AAH64168) MGC75638 protein ; SP P05323 P2AA_HUMAN Serine/threonine protein phosphatase 2A catalytic subunit alpha isoform (PP2A-alpha) (Replication protein C) (RP-C). {Homo sapiens;Sus scrofa;Bos taurus;Oryctolagus cuniculus;} ; GB AAH65680.1 41351209 BC065680 zgc:77172 protein {Danio rerio;} ;
McF0046I08-MGRbd1	UP O93467 (O93467) GTPase CRHOA ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;} ; UP Q9PSX7 (Q9PSX7) GTP-binding protein

McF0046I24-MGRbd1	SP P55344 LMIP_HUMAN Lens fiber membrane intrinsic protein (MP18) (MP19) (MP20). {Homo sapiens;} ; UP LMIP_RAT (P54825) Lens fiber membrane intrinsic protein (MP17) (MP18) (MP19) (MP20)
McF0046M10-MGRbd1	UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter [Danio rerio] ; UP S35D_HUMAN (Q9NTN3) UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1) ; SP Q9NTN3 S35D_HUMAN UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1). {Homo sapiens;} ;
McF0048G07-MGRbd1	UP NDF1_XENLA (Q91616) Neurogenic differentiation factor 1 (NeuroD1) ; UP NDFM_CHICK (P79766) Neurogenic differentiation factor NeuroM ; UP NDF4_MOUSE (O09105) Neurogenic differentiation factor 4 (NeuroD4) (Atonal protein homolog 3) (Helix-loop-helix protein mATH-3) (MATH3) ; UP NDF4_HUMAN (Q9HD90) Neurogenic differentiation factor 4 (NeuroD4)
McF0050B18-MGRbd1	SP Q9NTN3 S35D_HUMAN UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1). {Homo sapiens;} ;
McF0052I01-MGRbd1	SP Q9NTN3 S35D_HUMAN UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1). {Homo sapiens;} ;
McF0052I07-MGRbd1	PIR A32298 HHCH90 heat shock protein 90 - chicken {Gallus gallus;} ; GB AAC48718.1 1945447 SSU94395 90-kDa heat shock protein {Sus scrofa;} ; UP Q6P0Y9 (Q6P0Y9) Hsp90b protein
McF0053P01-MGRbd1	UP Q9W629 (Q9W629) BMP receptor IB
<i>neurogenesis</i>	
CL1002Contig1	SP O88567 DL2A_MOUSE Dynein light chain 2A cytoplasmic (Dynein-associated proteinKM23) (Bithoraxoid-like protein) (BLP). {Mus musculus;Rattus norvegicus;} ;
CL1034Contig1	UP O93431 (O93431) Ephrin A-L1 ; UP CSP6_HUMAN (Q9NVC6) Cofactor required for Sp1 transcriptional activation subunit 6 (Transcriptional coactivator CRSP77) (Vitamin D3 receptor-interacting protein complex 80 kDa component) (DRIP80) (Thyroid hormone receptor-associated protein complex 80 kD
CL1074Contig1	SP P38408 GB14_BOVIN Guanine nucleotide-binding protein alpha-14 subunit (GL1). {Bos taurus;} ; GB AAF59930.1 7329187 AF234260 heterotrimeric guanine nucleotide-binding protein alpha q subunit {Rattus norvegicus;} ;
CL1094Contig1	SP Q9QUT4 IM8B_MOUSE Mitochondrial import inner membrane translocase subunit TIM8 B (Deafness dystonia protein 2 homolog). {Mus musculus;Rattus norvegicus;} ; SP Q9JJ93 CNB9_MOUSE Protein C14orf119 homolog (MNCb-2990). {Mus musculus;} ; UP IM8B_MOUSE (P62077) Mitochondrial import inner membrane translocase subunit TIM8 B (Deafness dystonia protein 2 homolog)
CL1121Contig1	UP CRN1_MOUSE (Q9CQC1) Crooked neck-like protein 1 (Crooked neck homolog)
CL1132Contig1	UP AAQ72492 (AAQ72492) 14-3-3E2 protein ; UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; UP Q6PUV9 (Q6PUV9) 14-3-3 protein
CL1173Contig1	UP CRN1_MOUSE (Q9CQC1) Crooked neck-like protein 1 (Crooked neck homolog)
CL1221Contig1	SP Q90W95 PTPS_POERE 6-pyruvoyl tetrahydrobiopterin synthase (PTPS) (PTPsynthase). {Poecilia reticulata;} ;
CL1269Contig1	UP Q8QFT2 (Q8QFT2) Phosphoglucose isomerase (Glucose-6-phosphate isomerase) (GPI) (PGI) (Phosphohexose isomerase) (PHI) ; UP Q5XJ09 (Q5XJ09) Glucose phosphate isomerase a; UP Q7ZU30 (Q7ZU30) Glucose phosphate isomerase a

CL1305Contig1	GB AAC00024.1 1563859 HUMPCP03 PCP4 {Homo sapiens;} ; GB CAA63724.1 1072378 HSPEP19 PEP-19 {Homo sapiens;} ;
CL1315Contig1	SP Q9R0T4 CAD1_RAT Epithelial-cadherin precursor (E-cadherin) (Uvomorulin) (Cadherin-1). {Rattus norvegicus;} ;
CL1345Contig1	UP SMA2_BRARE (Q9I9P9) Mothers against decapentaplegic homolog 2 (SMAD 2) (Mothers against DPP homolog 2) (Smad2) ; UP Q8AY16 (Q8AY16) Smad3b ; UP Q7ZU35 (Q7ZU35) MAD homolog 2 ;
CL1365Contig1	SP Q9PU58 NPS2_BRARE NipSnap2 protein (Fragment). {Danio rerio;} ; UP SERB_HUMAN (P78330) L-3-phosphoserine phosphatase (PSP) (O-phosphoserine phosphohydrolase) (PSPase) ;
CL1403Contig1	SP O73723 ARP3_FUGRU Actin-like protein 3 (Actin-related protein 3). {Takifugu rubripes;} ; UP Q6PUQ3 (Q6PUQ3) ARP3 actin-related protein 3-like protein ;
CL1429Contig1	metallothionein [Oryzias latipes] ; UP Q800D3 (Q800D3) Metallothionein ; UP MT_PAGMA (Q9IB50) Metallothionein (MT) ; UP MT_LIZAU (O13257) Metallothionein (MT) ; UP MT_ICTPU (O93571) Metallothionein (MT) ;
CL1431Contig1	UP Q9PW31 (Q9PW31) Rac GTPase ; SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-likeprotein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; UP O93466 (O93466) GTPase cRac1B ; UP Q6LC82 (Q6LC82) GTPase cRac1A ;
CL1450Contig1	UP Q8AYB5 (Q8AYB5) Bone morphogenetic protein 4 (Fragment) ; UP O57574 (O57574) Bone genetic protein 4 (Bone morphogenetic protein 4) ;
CL149Contig1	GB AAH46034.1 28279248 BC046034 NHP2 non-histone chromosome protein 2-like 1 {Danio rerio;} ; GB AAH66453.1 42542508 BC066453 zgc:77417 protein {Danio rerio;} ;
CL149Contig2	GB AAH46034.1 28279248 BC046034 NHP2 non-histone chromosome protein 2-like 1 {Danio rerio;} ; GB AAH66453.1 42542508 BC066453 zgc:77417 protein {Danio rerio;} ;
CL1506Contig1	UP Q6PBT2 (Q6PBT2) Trafficking protein particle complex 4 ;
CL1541Contig1	UP UB5B_HUMAN (P51669) Ubiquitin-conjugating enzyme E2-17 kDa 2 (Ubiquitin-protein ligase) (Ubiquitin carrier protein) (E2(17)KB 2) ; UP UB5B_HUMAN (P62837) Ubiquitin-conjugating enzyme E2 D2 (Ubiquitin-protein ligase D2) (Ubiquitin carrier protein D2) (Ubiquitin-conjugating enzyme E2-17 kDa 2) (E2(17)KB 2) ;
CL1571Contig1	UP Q6R005 (Q6R005) PSD95/SAP90 ; UP Q7ZUM2 (Q7ZUM2) Discs large (Drosophila) homolog 1 ;
CL1624Contig1	UP Q9PT09 (Q9PT09) Ubiquitin ; UP Q8UUK8 (Q8UUK8) TUBB protein ;
CL1676Contig1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;} ;
CL1678Contig1	SP P13862 KC2B_HUMAN Casein kinase II beta chain (CK II) (Phosvitin) (G5a). {Gallus gallus;Homo sapiens;Sus scrofa;Bos taurus;Oryctolagus cuniculus;Mus musculus;Rattus norvegicus;} ; SP Q91398 KC2B_BRARE Casein kinase II beta chain (CK II). {Danio rerio;} ;
CL1695Contig1	GB AAH55216.1 32766561 BC055216 mitochondrial carrier homolog 2 {Danio rerio;} ; UP Q9PUL9 (Q9PUL9) Mitochondrial carrier homolog 2 ;
CL1817Contig1	UP RHON_HUMAN (P52198) Rho-related GTP-binding protein RhoN (Rho7) (Rnd2) ; GB AAB47133.1 1839517 S82240 RhoE {Homo sapiens;} ; UP RHOE_HUMAN (P61587) Rho-related GTP-binding protein RhoE (Rho8) (Rnd3) ; UP Q6SA80 (Q6SA80) RHOE ; SP P52199 RHOE_HUMAN Rho-related GTP-binding protein RhoE (Rho8) (Rnd3). {Homo sapiens;Mus musculus;} ;
CL1832Contig1	UP Q9PUQ6 (Q9PUQ6) Sk-tropomodulin (Tropomodulin 4) (Muscle) ;
CL1849Contig1	UP Q90ZZ8 (Q90ZZ8) Aldehyde dehydrogenase ;

CL1881Contig1	AAQ97818 (AAQ97818) N-ethylmaleimide-sensitive factor attachment protein alpha ; UP Q7T2F5 (Q7T2F5) N-ethylmaleimide sensitive fusion protein attachment protein alpha (N-ethylmaleimide-sensitive factor attachment protein alpha)
CL189Contig1	GB AAH25165.1 19263532 BC025165 Gpm6b protein {Mus musculus;} ; UP Q8UUS8 (Q8UUS8) DMgamma2
CL1905Contig1	UP Q9PVF7 (Q9PVF7) Cell-adhesion protein plakoglobin; UP CTNB_MOUSE (Q02248) Beta-catenin
CL1918Contig1	UP Q9IAT0 (Q9IAT0) Zinc finger cerebellum 2 protein
CL1920Contig1	UP O18451 (O18451) Protein phosphatase-1 (Serine/threonine protein phosphatase) ; GB AAH70008.1 47124952 BC070008 zgc:85729 {Danio rerio;} ; GB AAH41730.1 27695194 BC041730 ppp1ca-prov protein {Xenopus laevis;} ; SP P37140 PP1B_HUMAN Serine/threonine protein phosphatase PP1-beta catalytic subunit (PP-1B). {Gallus gallus;Homo sapiens;Oryctolagus cuniculus;Mus musculus;Rattus norvegicus;} ; SP P36874 PP1G_XENLA Serine/threonine protein phosphatase PP1-gamma catalytic subunit (PP-1G). {Xenopus laevis;} ;
CL1930Contig1	SP O88813 LCFE_RAT Long-chain-fatty-acid--CoA ligase 5 (Long-chain acyl-CoA synthetase 5) (LACS 5). {Rattus norvegicus;} ; GB AAD47199.1 5702202 AF129166 long-chain acyl-CoA synthetase 5 {Homo sapiens;} ; UP Q8AVA6 (Q8AVA6) Long chain fatty acyl CoA synthetase
CL193Contig1	SP P54851 EMP2_HUMAN Epithelial membrane protein-2 (EMP-2) (XMP protein). {Homo sapiens;} ; GB AAB26811.1 385667 S61788 peripheral myelin protein {Homo sapiens;} ;
CL194Contig1	GB BAA19454.1 1902834 AB001741 Gi1 alpha subunit {Oryzias latipes;} ; UP Q8QGY8 (Q8QGY8) Guanine nucleotide binding protein ; PIR A28318 RGHUI1 GTP-binding regulatory protein Gi alpha-1 chain (adenylate cyclase-inhibiting) - human {Homo sapiens;} ;
CL1992Contig1	SP Q00007 2ABA_HUMAN Serine/threonine protein phosphatase 2A 55 KDA regulatory subunit B alpha isoform (PP2A subunit B B-alpha isoform) (PP2A subunit B B55-alpha isoform) (PP2A subunit B PR55-alpha isoform) (PP2A subunit B R2-alpha isoform). {Homo sapiens;Oryctolagus cuniculus;} ; UP Q80W84 (Q80W84) Protein phosphatase 2A regulatory subunit B beta2 ; UP Q7ZX64 (Q7ZX64) MGC53013 protein
CL207Contig1	UP O93467 (O93467) GTPase CRHOA
CL2102Contig1	SP O73723 ARP3_FUGRU Actin-like protein 3 (Actin-related protein 3). {Takifugu rubripes;} ; UP Q6PUQ3 (Q6PUQ3) ARP3 actin-related protein 3-like protein
CL215Contig1	UP AAQ72487 (AAQ72487) 14-3-3B1 protein ; UP AAQ72488 (AAQ72488) 14-3-3B2 protein ; UP Q6UFZ9 (Q6UFZ9) 14-3-3B1 protein
CL2192Contig1	UP AAQ97859 (AAQ97859) Tubulin beta 2 ; GB AAH46853.1 28461386 BC046853 MGC53205 protein {Xenopus laevis;} ; UP Q6P5M9 (Q6P5M9) Tubulin beta 2 ; GB AAH43974.1 27695233 BC043974 MGC53997 protein {Xenopus laevis;} ;
CL2238Contig1	UP Q9DE44 (Q9DE44) Cyclin-dependent protein kinase 5
CL224Contig1	UP Q8UUS6 (Q8UUS6) Glutamine synthetase (Glutamate--ammonia ligase) ; UP Q8JI33 (Q8JI33) Glutamine synthetase (Glutamate--ammonia ligase) ; UP Q8JI31 (Q8JI31) Glutamine synthetase ; UP Q7M569 (Q7M569) Glutamine synthetase
CL2284Contig1	UP NR21_ORYLA (Q9YGL3) Orphan nuclear receptor NR2E1 (Nuclear receptor TLX) (Tailless homolog) (TII)
CL2321Contig1	UP Q8NEB8 (Q8NEB8) PCTAIRE protein kinase 2 ; UP KPT1_HUMAN (Q00536) Serine/threonine-protein kinase PCTAIRE-1 (PCTAIRE-motif protein kinase 1) ; SP P51958 CDC2_CARAU Cell division control protein 2 homolog (p34 proteinkinase) (Cyclin-dependent kinase 1) (CDK1). {Carassius auratus;} ;

CL2393Contig1	UP Q90XY3 (Q90XY3) PTEN ; UP Q6TGR6 (Q6TGR6) Phosphatase and tensin-like protein A long splice variant ; UP Q6TGR7 (Q6TGR7) Phosphatase and tensin-like protein A short splice variant
CL241Contig1	stromal cell derived factor 1 [ <i>Oryzias latipes</i> ] ; UniRef100_UPI000031904A UPI000031904A UniRef100 entry
CL242Contig1	SP O42204 ITMB_CHICK Integral membrane protein 2B (Transmembrane protein E3-16). { <i>Gallus gallus</i> ;}
CL2435Contig1	GB AAH44508.1 27881949 BC044508 ras homolog gene family member G (rho G) { <i>Danio rerio</i> ;} ; UP Q803F2 (Q803F2) Ras homolog gene family member G ; UP Q803L7 (Q803L7) Ras homolog gene family member G
CL2446Contig1	SP Q99LM2 C5P3_MOUSE CDK5 regulatory subunit associated protein 3 (CDK5 activator-bindingprotein C53). { <i>Mus musculus</i> ;}
CL2493Contig1	UP Q7ZU72 (Q7ZU72) Maternal embryonic leucine zipper kinase ; UP Q802W0 (Q802W0) MAP/microtubule affinity-regulating kinase 3 ; UP Q7ZYL7 (Q7ZYL7) Mark2-prov protein
CL257Contig1	UP AAH34898 (AAH34898) Ube2n protein (Fragment) ; GB AAH44461.1 27882519 BC044461 zgc:55726 { <i>Danio rerio</i> ;} ; UP Q803J2 (Q803J2) Ubiquitin-conjugating enzyme E2N
CL2586Contig1	UP Q8QFX8 (Q8QFX8) Connexin 31 ; UP Q8QGJ5 (Q8QGJ5) Connexin
CL258Contig1	UP Q7ZVA3 (Q7ZVA3) SH3-domain GRB2-like 1 ; UP Q7ZWA0 (Q7ZWA0) Wu:fd12b05 ; UP Q803T6 (Q803T6) SH3-domain GRB2-like 2
CL2593Contig1	UP Q803L7 (Q803L7) Ras homolog gene family member G ; UP Q803F2 (Q803F2) Ras homolog gene family member G;GB AAH44508.1 27881949 BC044508 ras homolog gene family member G (rho G) { <i>Danio rerio</i> ;}
CL2603Contig1	GB AAH11162.1 15029877 BC011162 D15Ert412e protein { <i>Mus musculus</i> ;} ; PDB 1BJF_A.0 5821828 1BJF_A Chain A Crystal Structure Of Recombinant Bovine Neurocalcin Delta At 2.4 Angstroms. { <i>Bos taurus</i> ;} ; UP Q7SXX4 (Q7SXX4) Hippocalcin-like 1 ; UP VIS3_CHICK (P42324) Rem-1 protein (Hippocalcin-like protein 1)
CL2628Contig1	UP Q6TEM4 (Q6TEM4) GTP-binding protein ; GB AAB47133.1 1839517 S82240 RhoE { <i>Homo sapiens</i> ;} ; UP RHOE_HUMAN (P61587) Rho-related GTP-binding protein RhoE (Rho8) (Rnd3)
CL2633Contig1	UP O93467 (O93467) GTPase CRHOA ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. { <i>Homo sapiens</i> ;} ; UP Q9PSX7 (Q9PSX7) GTP-binding protein
CL265Contig1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) { <i>Danio rerio</i> ;} ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 { <i>Danio rerio</i> ;} ; UP AAH61352 (AAH61352) MGC75897 protein
CL2722Contig1	UP AAH62499 (AAH62499) MGC76063 protein ; UP Q6P635 (Q6P635) COP9 signalosome subunit 5
CL2758Contig1	SP P48774 GTM5_MOUSE Glutathione S-transferase Mu 5 (GST class-mu 5) (Fibrous sheath component 2) (Fsc2). { <i>Mus musculus</i> ;} ; GB AAH00088.1 12652679 BC000088 glutathione S-transferase M3 { <i>Homo sapiens</i> ;}
CL2838Contig1	UP AAH62514 (AAH62514) LOC394692 protein (Fragment) ; UP AAO06122 (AAO06122) MsxC homeobox protein (Fragment) ; UP HMMC_BRARE (Q01703) Homeobox protein MSH-C ; SP Q90481 NK22_BRARE Homeobox protein Nkx-2.2 (Homeobox protein NK-2 homolog B). { <i>Danio rerio</i> ;} ; UP Q9DFB1 (Q9DFB1) Nkx5-1
CL2843Contig1	GB AAG39735.1 11692273 AF249669 homeodomain protein NKX3.1 isoform v1 { <i>Homo sapiens</i> ;} ; UP DLX4_BRARE (P50576) Homeobox protein DLX-4 ; UP AAO06122 (AAO06122) MsxC homeobox protein (Fragment) ; UP Q90263 (Q90263) Emx1 homeoprotein ; UP O13160 (O13160) Nkx2.5 protein

CL2870Contig1	GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;}; UP Q8UUK8 (Q8UUK8) TUBB protein
CL289Contig1	SP P15253 CRTC_RABIT Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60). {Oryctolagus cuniculus;}; SP P18418 CRTC_RAT Calreticulin precursor (CRP55) (Calregulin) (HACBP) (ERp60) (CALBP) (Calcium-binding protein 3) (CABP3). {Rattus norvegicus;}; UP Q7ZXY3 (Q7ZXY3) Crc-prov protein ; UP Q6EE32 (Q6EE32) Calreticulin (Fragment) ; UP Q802X3 (Q802X3) Calreticulin like
CL2929Contig1	UP Q863I2 (Q863I2) Oxidative-stress responsive 1
CL2996Contig1	GB AAH44530.1 27882549 BC044530 platelet-activating factor acetylhydrolase isoform Ib alpha subunit b {Danio rerio;}; UP Q803D2 (Q803D2) Platelet-activating factor acetylhydrolase isoform Ib alpha subunit b ; UP Q7T394 (Q7T394) Platelet-activating factor acetylhydrolase isoform Ib alpha subunit a
CL307Contig1	PIR B48917 B48917 stathmin - mouse {Mus musculus;}; GB CAA46450.1 63797 GGSTTHMN stathmin {Gallus gallus;}
CL3095Contig1	GB AAC31797.1 2792350 AF040254 doublecortin isoform {Homo sapiens;}
CL3103Contig1	similar to UP PIC1_HUMAN (Q9NRD5) PRKCA-binding protein (Protein kinase C-alpha binding protein) (Protein interacting with C kinase 1); GB AAK54603.1 14150695 AF373289 protein kinase C-binding protein PICK1 {Rattus norvegicus;}; UP PIC1_RAT (Q9EP80) PRKCA-binding protein (Protein kinase C-alpha binding protein) (Protein interacting with C kinase 1); UP Q80VC8 (Q80VC8) Protein kinase C alpha binding protein
CL311Contig1	PIR A35465 KIRTR1 ribose-phosphate diphosphokinase catalytic chain I - rat {Rattus norvegicus;}; GB AAH45301.1 28277480 BC045301 zgc:55299 {Danio rerio;}; UP Q6NYR9 (Q6NYR9) Zgc:76932 ; UP KPR1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP)
CL3185Contig1	UP Q66I39 (Q66I39) Zgc:86648
CL31Contig1	UP O57691 (O57691) Fatty acid binding protein H6-isoform ; UP O57665 (O57665) Fatty acid binding protein H6-isoform ; UP Q66I80 (Q66I80) Zgc:103587
CL3259Contig1	UP Q8UUT6 (Q8UUT6) DMalpha1 ; SP P79826 MYPR_ONCMY Myelin proteolipid protein (PLP) (Lipophilin) (DM20). {Oncorhynchus mykiss;}
CL330Contig1	UP Q90W92 (Q90W92) Heart-type fatty acid-binding protein ; GB AAB53643.1 2072010 OMU95296 fatty acid binding protein H-FABP {Oncorhynchus mykiss;}
CL3312Contig1	GB AAH04104.1 13278639 BC004104 ubiquitin-conjugating enzyme HBUCE1 {Homo sapiens;}; UP Q9Y2X8 (Q9Y2X8) Ubiquitin-conjugating enzyme HBUCE1
CL3326Contig1	UP AAQ17534 (AAQ17534) Peripheral myelin protein 22 ; UP Q8AVM9 (Q8AVM9) Pmp22-prov protein
CL3383Contig1	GB AAK21848.1 13398328 AF219116 inosine triphosphate pyrophosphatase {Homo sapiens;}
CL3444Contig1	SP Q91880 SUH_XENLA Suppressor of hairless protein homolog (X-Su(H)). {Xenopus laevis;}; UP Q6YLA3 (Q6YLA3) Suppressor of hairless
CL3451Contig1	UP O57691 (O57691) Fatty acid binding protein H6-isoform ; GB AAD00507.1 4098963 HSU81235 mammary derived growth inhibitor related {Homo sapiens;}
CL3477Contig1	GB AAP39973.1 32331189 AY262101 RTN4-Mw {Oncorhynchus mykiss;}
CL370Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;}; PDB 1AJE.0 2624582 1AJE Cdc42 From Human Nmr 20 Structures. {Homo sapiens;}; UP AAH57415 (AAH57415) Wu:fb07d08
CL462Contig1	UP Q8JGT0 (Q8JGT0) Casein kinase I alpha ; UP Q8JG73 (Q8JG73) Casein kinase 1alpha S

CL468Contig1	UP CTNB_MOUSE (Q02248) Beta-catenin ; UP Q7ZU14 (Q7ZU14) Catenin (Cadherin-associated protein) beta
CL477Contig1	UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; GB AAH45025.1 27924430 BC045025 ywhae-prov protein {Xenopus laevis;} ; UP Q6PUV9 (Q6PUV9) 14-3-3 protein
CL48Contig1	GB AAH00088.1 12652679 BC000088 glutathione S-transferase M3 {Homo sapiens;} UP Q7SZ23 (Q7SZ23) Gstm2-prov protein ; PIR A29036 A29036 glutathione transferase Yb3 - rat {Rattus norvegicus;} ;
CL534Contig1	SP P43450 CDK2_CARAU Cell division protein kinase 2 . {Carassius auratus;} ; GB AAH62836.1 38541226 BC062836 zgc:77684 protein {Danio rerio;} ; UP Q7T3L7 (Q7T3L7) Cell division control protein 2
CL535Contig1	SP P15154 RAC1_HUMAN Ras-related C3 botulinum toxin substrate 1 (p21-Rac1) (Ras-likeprotein TC25). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; GB AAA36544.1 190875 HUMRASAA ras-like protein {Homo sapiens;} ; UP Q9PW31 (Q9PW31) Rac GTPase
CL537Contig1	UP O57691 (O57691) Fatty acid binding protein H6-isoform ; GB AAD00507.1 4098963 HSU81235 mammary derived growth inhibitor related {Homo sapiens;} ; UP O57665 (O57665) Fatty acid binding protein H6-isoform
CL587Contig1	PIR S02778 KIHUR2 ribose-phosphate diphosphokinase catalytic chain II - human {Homo sapiens;} ; GB AAH45049.1 27924444 BC045049 prps2-prov protein {Xenopus laevis;} ; UP KPR1_HUMAN (P60891) Ribose-phosphate pyrophosphokinase I (Phosphoribosyl pyrophosphate synthetase I) (PRS-I) (PPRibP)
CL601Contig1	SP P78330 SERB_HUMAN L-3-phosphoserine phosphatase (PSP) (O-phosphoserinephosphohydrolase) (PSPase). {Homo sapiens;} ;
CL651Contig1	UP O93468 (O93468) GTPase CRHOB ; UP Q7ZWY1 (Q7ZWY1) MGC52893 protein
CL65Contig1	GB AAH44698.1 28278283 BC044698 MGC54031 protein {Xenopus laevis;} ; UP Q6NY70 (Q6NY70) Zgc:77119 ; GB CAA54799.1 606779 HSTROP2A gp50/Trop-2 {Homo sapiens;} ;
CL65Contig2	GB AAH44698.1 28278283 BC044698 MGC54031 protein {Xenopus laevis;} ; UP Q6NY70 (Q6NY70) Zgc:77119 ; GB CAA54799.1 606779 HSTROP2A gp50/Trop-2 {Homo sapiens;} ;
CL665Contig1	GB AAB26811.1 385667 S61788 peripheral myelin protein{Homo sapiens;} ; SP P54851 EMP2_HUMAN Epithelial membrane protein-2 (EMP-2) (XMP protein). {Homo sapiens;} ;
CL720Contig1	SP P13862 KC2B_HUMAN Casein kinase II beta chain (CK II) (Phosvitin) (G5a). {Gallus gallus;Homo sapiens;Sus scrofa;Bos taurus;Oryctolagus cuniculus;Mus musculus;Rattus norvegicus;} ; SP Q91398 KC2B_BRARE Casein kinase II beta chain (CK II). {Danio rerio;} ;
CL751Contig1	UP AAR82969 (AAR82969) Cu/Zn-superoxide dismutase ; UP Q6RUW1 (Q6RUW1) Cu/Zn-superoxide dismutase
CL766Contig1	UP AAH59546 (AAH59546) NADH dehydrogenase flavoprotein 2 ; UP Q6PBX8 (Q6PBX8) NADH dehydrogenase flavoprotein 2
CL862Contig1	SP P21181 CD42_HUMAN Cell division control protein 42 homolog (G25K GTP-binding protein). {Homo sapiens;Canis familiaris;Bos taurus;Mus musculus;} ; UP AAH57415 (AAH57415) Wu:fb07d08 ; UP Q6PFU4 (Q6PFU4) Cdc42 protein homolog ; UP CD42_CANFA (P60952) Cell division control protein 42 homolog (G25K GTP-binding protein)
CL925Contig1	PIR B48917 B48917 stathmin - mouse {Mus musculus;} ; UP Q91XT3 (Q91XT3) Stathmin
CL932Contig1	SP P37140 PP1B_HUMAN Serine/threonine protein phosphatase PP1-beta catalytic subunit (PP-1B). {Gallus gallus;Homo sapiens;Oryctolagus cuniculus;Mus musculus;Rattus norvegicus;} ; UP PP1B_CHICK (P62207) Serine/threonine protein phosphatase PP1-beta catalytic subunit (PP-1B)



CL93Contig1	UP O42448 (O42448) Id2 protein ; SP O88567 DL2A_MOUSE Dynein light chain 2A cytoplasmic (Dynein-associated proteinKM23) (Bithoraxoid-like protein) (BLP). {Mus musculus;Rattus norvegicus;}
CL99Contig1	UP AAQ97854 (AAQ97854) Transgelin
CL99Contig2	UP AAQ97854 (AAQ97854) Transgelin
McF0001MGR-1B01bd1	UP PAX5_MOUSE (Q02650) Paired box protein Pax-5 (B-cell specific transcription factor) (BSAP) ; UP O57685 (O57685) Paired box protein ; UP O57676 (O57676) Paired box protein
McF0001MGR-1G02bd1	UP Q9PTF9 (Q9PTF9) Bone morphogenetic protein 7
McF0001MGR-1G03bd1	UP PBX3_HUMAN (P40426) Pre-B-cell leukemia transcription factor-3 (Homeobox protein PBX3) ; SP P41778 PBX1_MOUSE Pre-B-cell leukemia transcription factor-1 (Homeobox protein PBX1). {Mus musculus;} ; GB AAA36764.1 339895 HUMTRAA1 E2A/PRL fusion protein {Homo sapiens;} ; UP Q9I9B7 (Q9I9B7) Pbx1a homeodomain protein (Pre-B-cell leukemia transcription factor 1a)
McF0001MGR-1H17bd1	UP Q90Z70 (Q90Z70) Roundabout2 ; UP Q90Z69 (Q90Z69) Roundabout3 ; UP Q98SW3 (Q98SW3) Transmembrane receptor Roundabout3 ; UP Q98SW4 (Q98SW4) Transmembrane receptor Roundabout1
McF0002C04-MGRbd1	UP O43347 (O43347) RNA-binding protein (MUSASHI); UP Q8K3P4 (Q8K3P4) RNA-binding protein Musashi-1 ; UP MSI1_HUMAN (O43347) RNA-binding protein Musashi homolog 1 (Musashi-1) ; UP Q7SXT6 (Q7SXT6) Ribonucleoprotein
McF0002C10-MGRbd1	zgc:91990 [Danio rerio]
McF0002F08-MGRbd1	UP DLG3_MOUSE (P70175) Presynaptic protein SAP102 (Synapse-associated protein 102) (Discs large homolog 3)
McF0002L02-MGRbd1	SP P48533 PTB2_XENLA Pleiotrophic factor-beta-2 precursor (PTF-beta-2). {Xenopus laevis;}
McF0003B14-MGRbd1	SP P31946 143B_HUMAN 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1)(KCIP-1) (Protein 1054). {Homo sapiens;} ; UP 143B_MOUSE (Q9CQV8) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1) ; UP AAQ72489 (AAQ72489) 14-3-3C1 protein
McF0003K10-MGRbd1	UP TRM2_HUMAN (Q9C040) Tripartite motif protein 2 (RING finger protein 86) ; UP TRM2_MOUSE (Q9ESN6) Tripartite motif protein 2 (Neural activity-related RING finger protein)
McF0003P08-MGRbd1	UP Q8BVP5 (Q8BVP5) Casein kinase I ; UP Q99K78 (Q99K78) Casein kinase 1 gamma 2 ; GB AAP88924.1 32880187 BT009922 casein kinase 1 gamma 2 {Homo sapiens;}
McF0004G08-MGRbd1	UP Q91XJ0 (Q91XJ0) Calcium-responsive transcription coactivator
McF0004G24-MGRbd1	UP JMJ_MOUSE (Q62315) Jumonji protein (Jumonji/ARID domain-containing protein 2) ; UP JMJ_HUMAN (Q92833) Jumonji protein (Jumonji/ARID domain-containing protein 2)
McF0004K13-MGRbd1	UP Q9EQT3 (Q9EQT3) GTP-binding protein like 1 (Wrch-1)
McF0005C13-MGRbd1	UP Q9PT09 (Q9PT09) Ubiquitin ;zgc:91957 [Danio rerio] ; GB AAH65989.1 42406358 BC065989 zgc:77475 protein {Danio rerio;} ; UP O42111 (O42111) MINDIN1
McF0005F04-MGRbd1	UP Q6NWX4 (Q6NWX4) Zgc:77529 protein (Zgc:73160 protein) ; GB AAH48034.1 28856124 BC048034 protein phosphatase 2 regulatory subunit B (B56) {Danio rerio;} ; UP Q8AXX6 (Q8AXX6) Protein phosphatase 2A B' regulatory subunit Wdb1 (Protein phosphatase 2 regulatory subunit B (B56) 2) ; UP 2A5A_HUMAN (Q15172) Serine/threonine protein phosphatase 2A 56 kDa regulatory subunit alpha isoform (PP2A B subunit B' alpha isoform) (PP2A B subunit B56 alpha isoform) (PP2A B subunit PR61 alpha isoform) (PP2A B subunit R5 alpha isoform)

McF0005H17-MGRbd1	GB AAF59930.1 7329187 AF234260 heterotrimeric guanine nucleotide-binding protein alpha q subunit {Rattus norvegicus;}; SP P38408 GB14_BOVIN Guanine nucleotide-binding protein alpha-14 subunit (GL1). {Bos taurus;}; UP GB14_HUMAN (O95837) Guanine nucleotide-binding protein alpha-14 subunit (G-protein alpha subunit 14); UP GBQ_MOUSE (P21279) Guanine nucleotide-binding protein G(q) alpha subunit
McF0005N05-MGRbd1	GB AAH48035.1 28856238 BC048035 cell division cycle 42 homolog {Danio rerio;}
McF0005O16-MGRbd1	UP Q6XLQ0 (Q6XLQ0) C-hairy1A; UP Q6XLP9 (Q6XLP9) C-hairy1B
McF0006A09-MGRbd1	UP Q07426 (Q07426) Keratin; UP EF11_HUMAN (P04720) Elongation factor 1-alpha 1 (EF-1-alpha-1) (Elongation factor 1 A-1) (eEF1A-1) (Elongation factor Tu) (EF-Tu); UP Q6TH14 (Q6TH14) Enolase 1 (Alpha); UP Q17000 (Q17000) Polyubiquitin; UP AAH59546 (AAH59546) NADH dehydrogenase flavoprotein 2
McF0006D20-MGRbd1	UP Q9PT09 (Q9PT09) Ubiquitin; GB AAH65989.1 42406358 BC065989 zgc:77475 protein {Danio rerio;}; UP Q7ZVE1 (Q7ZVE1) LOC402804 protein (Fragment); UP O42111 (O42111) MINDIN1
McF0006D24-MGRbd1	GB AAH41730.1 27695194 BC041730 ppp1ca-prov protein {Xenopus laevis;}
McF0007A12-MGRbd1	SP Q61205 PA1G_MOUSE Platelet-activating factor acetylhydrolase IB gamma subunit (PAF acetylhydrolase 29 kDa subunit) (PAF-AH 29 kDasubunit) (PAF-AH gamma subunit) (PAFAH gamma subunit). {Mus musculus;}; GB AAH51609.1 30186156 BC051609 platelet-activating factor acetylhydrolase isoform Ib gamma subunit {Danio rerio;}; UP AAH60351 (AAH60351) MGC68808 protein
McF0007B22-MGRbd1	UP Q6JHU9 (Q6JHU9) CREB-binding protein; UP Q9W321 (Q9W321) CG15319-PB; UP Q8QZV8 (Q8QZV8) CREB-binding protein (Fragment)
McF0007C01-MGRbd1	UP Q8QFX8 (Q8QFX8) Connexin 31; UP Q8QGJ5 (Q8QGJ5) Connexin; UP Q8AWR6 (Q8AWR6) Connexin 28.6; PIR  50995 50995 connexin 32.2 - Atlantic croaker {Micropogonias undulatus;}
McF0007C10-MGRbd1	GB AAH55621.1 33416917 BC055621 fatty acid binding protein 7 brain {Danio rerio;}; UP Q9I8N9 (Q9I8N9) Brain-type fatty-acid binding protein (Fatty acid binding protein 7 brain a)
McF0007D15-MGRbd1	UP CSEN_HUMAN (Q9Y2W7) Calsenilin (DRE-antagonist modulator) (DREAM) (Kv channel-interacting protein 3) (A-type potassium channel modulatory protein 3) (KChIP3); UP CSEN_RAT (Q9JM47) Calsenilin (DRE-antagonist modulator) (DREAM) (Kv channel-interacting protein 3) (A-type potassium channel modulatory protein 3) (KChIP3)
McF0007F04-MGRbd1	UP Q28414 (Q28414) Gag-onc fusion protein (Fragment); UP HCK_MOUSE (P08103) Tyrosine-protein kinase HCK (p56-HCK/p59-HCK) (Hemopoietic cell kinase) (B-cell/myeloid kinase) (BMK); UP FGR_HUMAN (P09769) Proto-oncogene tyrosine-protein kinase FGR (P55-FGR) (C-FGR)
McF0007F22-MGRbd1	UP Q90YI5 (Q90YI5) Deafness dystonia protein
McF0007H05-MGRbd1	GB AAH54565.1 32451885 BC054565 LOC407638 protein {Danio rerio;}
McF0007J02-MGRbd1	UP CREB_BOVIN (P27925) cAMP response element binding protein 2 (CREB2) (Cyclic AMP-responsive DNA-binding protein); GB AAH41206.1 27371249 BC041206 creb1-prov protein {Xenopus laevis;}; UP Q63925 (Q63925) ICER; SP P18846 ATF1_HUMAN Cyclic-AMP-dependent transcription factor ATF-1 (Activatingtranscription factor 1) (TREB36 protein). {Homo sapiens;}; GB CAA40347.1 286 BTCREB2 CREB2 {Bos taurus;}
McF0007K04-MGRbd1	PIR A49184 A49184 fatty acid-binding protein - chicken {Gallus gallus;}; GB AAD00507.1 4098963 HSU81235 mammary derived growth inhibitor related {Homo sapiens;}; UP Q9I8N9 (Q9I8N9) Brain-type fatty-acid binding protein (Fatty acid binding protein 7 brain a); GB AAD00507.1 4098963 HSU81235 mammary derived growth inhibitor related {Homo sapiens;}

McF0008A18-MGRbd1	UP TLE2_BRARE (O13166) Groucho 2 protein ; UP Q98TH2 (Q98TH2) Groucho-related gene 3 protein; GB AAH41831.1 27469815 BC041831 TLE3 protein {Homo sapiens;}; UP Q7T1J7 (Q7T1J7) Tle1 (Fragment)
McF0008B19-MGRbd1	UP Q6PGB4 (Q6PGB4) Tnrc11 protein (Fragment) ; UP T230_HUMAN (Q93074) Thyroid hormone receptor-associated protein complex 230 kDa component (Trap230) (Activator-recruited cofactor 240 kDa component) (ARC240) (CAG repeat protein 45) (OPA-containing protein) (Trinucleotide repeat containing 11)
McF0008M23-MGRbd1	UP Q15334 (Q15334) Hugi protein ; MGC83833 protein [Xenopus laevis]
McF0009B02-MGRbd1	SP P25916 BMI1_MOUSE Polycomb complex protein BMI-1. {Mus musculus;}; UP Q9BYE7 (Q9BYE7) HMBLR protein
McF0009B19-MGRbd1	UP Q76LN0 (Q76LN0) Fasciculation and elongation protein zeta 2 ; UP Q6TYB5 (Q6TYB5) Fasciculation and elongation protein zeta 2 ; UP Q76LN1 (Q76LN1) Fasciculation and elongation protein zeta 2
McF0009F13-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;}; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0009N05-MGRbd1	UP Q7ZWY1 (Q7ZWY1) MGC52893 protein ; UP O93467 (O93467) GTPase CRHOA ;UP RHOA_HUMAN (P06749) Transforming protein RhoA (H12) ; GB AAH45850.1 28277785 BC045850 ras-like protein TC10 {Danio rerio;}; SP Q9HBH0 RHOA_HUMAN Rho-related GTP-binding protein RhoF (Rho-family GTPase Rif) (Rho infilopodia). {Homo sapiens;}
McF0010G16-MGRbd1	UP TRM3_MOUSE (Q9R1R2) Tripartite motif protein 3 (RING finger protein 22) (RING finger protein HAC1) ; UP TRM2_HUMAN (Q9C040) Tripartite motif protein 2
McF0010P04-MGRbd1	UP PAK2_HUMAN (Q13177) Serine/threonine-protein kinase PAK 2 (p21-activated kinase 2) (PAK-2) (PAK65) (Gamma-PAK) (S6/H4 kinase) ; UP PAK2_RAT (Q64303) Serine/threonine-protein kinase PAK 2 (p21-activated kinase 2) (PAK-2) (Gamma-PAK) (p62-PAK) ; UP Q803Z0 (Q803Z0) P21/Cdc42/Rac1-activated kinase 1
McF0011C16-MGRbd1	GB AAB68844.1 2353786 AF016482 rho7 {Mus musculus;}; UP RHOA_HUMAN (P52198) Rho-related GTP-binding protein RhoA (Rho7) (Rnd2) ; GB AAB47133.1 1839517 S82240 RhoE {Homo sapiens;}; UP RHOE_HUMAN (P61587) Rho-related GTP-binding protein RhoE (Rho8) (Rnd3) ; UP Q6SA80 (Q6SA80) RHOE
McF0011C23-MGRbd1	UP Q8AWF1 (Q8AWF1) Yes-relayed kinase ; GB CAA38715.1 64482 XHCFYN p59(Xfyn) {Xiphophorus hellerii;}; protein-tyrosine kinase [Danio rerio] ; GB CAA23696.1 1667361 GGCSRC pp60-c-src protein {Gallus gallus;}
McF0011E04-MGRbd1	SP P06749 RHOA_HUMAN Transforming protein RhoA (H12). {Homo sapiens;Bos taurus;}; UP O93467 (O93467) GTPase CRHOA
McF0011E12-MGRbd1	GB BAA19454.1 1902834 AB001741 Gi1 alpha subunit {Oryzias latipes;}; PIR A28318 RGHUI1 GTP-binding regulatory protein Gi alpha-1 chain (adenylate cyclase-inhibiting) - human {Homo sapiens;}; UP Q7ZW15 (Q7ZW15) Guanine nucleotide-binding protein Gi2 alpha-subunit ; UP Q7ZW82 (Q7ZW82) Guanine nucleotide binding protein (G protein) alpha inhibiting activity polypeptide a
McF0011F21-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;}; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;}
McF0011G22-MGRbd1	UP O42315 (O42315) D1A3 Dopamine receptor
McF0011H11-MGRbd1	SP Q8JHF2 LFNG_BRARE Beta-1 3-N-acetylglucosaminyltransferase lunatic fringe (O-fucosylpeptide 3-beta-N-acetylglucosaminyltransferase). {Danio rerio;}; GB AAH44339.1 27882073 BC044339 lunatic fringe homolog {Danio rerio;}; UP Q6KFX9 (Q6KFX9) Radical fringe protein

McF0011M20-MGRbd1	UP AAH56533 (AAH56533) Tubulin beta 2; UP Q9DFT6 (Q9DFT6) Beta tubulin ; GB AAH46853.1 28461386 BC046853 MGC53205 protein {Xenopus laevis;}; GB AAH43974.1 27695233 BC043974 MGC53997 protein {Xenopus laevis;}
McF0011P10-MGRbd1	Wnt8.1 protein [Takifugu rubripes] ; UP WNT8_BRARE (P51028) Wnt-8 protein precursor ; SP P51029 WN8B_BRARE Wnt-8b protein precursor. {Danio rerio;}
McF0012G05-MGRbd1	GB BAA20824.2 2224679 AB002367 Start codon is not identified {Homo sapiens;}
McF0012H10-MGRbd1	SP Q90482 ZP50_BRARE POU domain protein ZP-50. {Danio rerio;}; UP ZP47_BRARE (P79746) POU domain protein ZP-47 ; UP Q6PHH6 (Q6PHH6) POU domain gene 23
McF0012K06-MGRbd1	UP AAH61352 (AAH61352) MGC75897 protein ; UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;}
McF0012L22-MGRbd1	SP O88567 DL2A_MOUSE Dynein light chain 2A cytoplasmic (Dynein-associated proteinKM23) (Bithoraxoid-like protein) (BLP). {Mus musculus;Rattus norvegicus;}; UP O42448 (O42448) Id2 protein ; UP Q8QFX4 (Q8QFX4) Helix-loop-helix protein
McF0012M19-MGRbd1	UP Q803Q5 (Q803Q5) Wu:fc05d12 protein
McF0013A18-MGRbd1	GB AAH48034.1 28856124 BC048034 protein phosphatase 2 regulatory subunit B (B56) {Danio rerio;}; UP Q7ZUQ2 (Q7ZUQ2) Protein phosphatase 2 regulatory subunit B (B56) ; UP Q8AXX6 (Q8AXX6) Protein phosphatase 2A B' regulatory subunit Wdb1 (Protein phosphatase 2 regulatory subunit B (B56) 2)
McF0013F22-MGRbd1	ephrin-A5 ; UP EFA2_BRARE (P79727) Ephrin-A2 precursor (EPH-related receptor tyrosine kinase ligand 6) (LERK-6) (ELF-1) (ZFEPHL3)
McF0013P12-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;}; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;}; UP AAH61352 (AAH61352) MGC75897 protein
McF0014O19-MGRbd1	UP SMA1_BRARE (Q918V2) Mothers against decapentaplegic homolog 1 (SMAD 1) (Mothers against DPP homolog 1) (Smad1) ; UP SMA5_BRARE (Q9W7E7) Mothers against decapentaplegic homolog 5 (SMAD 5) (Mothers against DPP homolog 5) (Smad5) (Somitabun protein)
McF0015A07-MGRbd1	UP Q8UUS8 (Q8UUS8) DMgamma2
McF0015A15-MGRbd1	UP AAH58314 (AAH58314) Calr protein ; UP Q6DI13 (Q6DI13) Calreticulin like ; UP Q802X3 (Q802X3) Calreticulin like ; UP AAR17084 (AAR17084) Calreticulin
McF0015F09-MGRbd1	GB AAD51415.1 5771523 AF171237 3-phosphoglycerate dehydrogenase {Homo sapiens;}
McF0015H13-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;}; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;}
McF0015N23-MGRbd1	SP O88567 DL2A_MOUSE Dynein light chain 2A cytoplasmic (Dynein-associated proteinKM23) (Bithoraxoid-like protein) (BLP). {Mus musculus;Rattus norvegicus;}; UP Q8QFX4 (Q8QFX4) Helix-loop-helix protein
McF0016G07-MGRbd1	UP Q15334 (Q15334) Hvgl protein ; UP Q7TNV3 (Q7TNV3) LlgH protein ; UP Q8K4K5 (Q8K4K5) RGL1 ; UP Q8MKF0 (Q8MKF0) Giant larvae-1

McF0017F06-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;} ; UP AAP20201 (AAP20201) 60S ribosomal protein L6 (Fragment) ; UP AAH61352 (AAH61352) MGC75897 protein
McF0017G02-MGRbd1	UP ULK1_HUMAN (O75385) Serine/threonine-protein kinase ULK1 (Unc-51-like kinase 1) ; UP Q6PGB2 (Q6PGB2) Unc-51 like kinase 1 ; UP Q6PB82 (Q6PB82) Ulk1 protein
McF0017I14-MGRbd1	UP Q9PTS6 (Q9PTS6) Chico protein ; UP Q7T289 (Q7T289) Zgc:64216 protein; UP TLE2_BRARE (O13166) Groucho 2 protein
McF0017N17-MGRbd1	GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;} ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; UP Q8UUK8 (Q8UUK8) TUBB protein ; UP AAH61352 (AAH61352) MGC75897 protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;} ;
McF0018C06-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;} ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;} ; UP AAH61352 (AAH61352) MGC75897 protein
McF0018C11-MGRbd1	UP AAH34898 (AAH34898) Ube2n protein (Fragment) ; UP Q803J2 (Q803J2) Ubiquitin-conjugating enzyme E2N ; GB AAH44461.1 27882519 BC044461 zgc:55726 {Danio rerio;} ;
McF0018P23-MGRbd1	UP Q8QGJ5 (Q8QGJ5) Connexin ; UP Q8AWR5 (Q8AWR5) Connexin 34.4
McF0019F13-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; UP Q8NG24 (Q8NG24) GTP-binding protein Rab25
McF0019L18-MGRbd1	UP JJ2B_MOUSE (Q91VY5) Jumonji domain containing protein 2B ; UP Q802U7 (Q802U7) Wu:fi42b08 protein (Fragment)
McF0020L22-MGRbd1	UP Q90YD2 (Q90YD2) X-Serrate-1 protein ; UP JAG1_MOUSE (Q9QXX0) Jagged 1 precursor (Jagged1) ; UP JAG1_HUMAN (P78504) Jagged 1 precursor (Jagged1) (hJ1) ; UP JAG1_RAT (Q63722) Jagged 1 precursor (Jagged1) ; UP Q90819 (Q90819) C-Serate-1 protein (Fragment)
McF0021F03-MGRbd1	SP P38408 GB14_BOVIN Guanine nucleotide-binding protein alpha-14 subunit (GL1). {Bos taurus;} ;
McF0023A09-MGRbd1	UP 7UP1_DROME (P16375) Steroid receptor seven-up type 1
McF0023C18-MGRbd1	UP BMP7_HUMAN (P18075) Bone morphogenetic protein 7 precursor (BMP-7) (Osteogenic protein 1) (OP-1)
McF0023H03-MGRbd2	UP Q803Z0 (Q803Z0) P21/Cdc42/Rac1-activated kinase 1
McF0023L10-MGRbd2	UP Q90WP6 (Q90WP6) Peroxisomal proliferator-activated receptor gamma (Peroxisome proliferator-activated receptor gamma) ; UP Q90Z64 (Q90Z64) Rev-Erb beta 2 (Fragment) ; UP Q90Z66 (Q90Z66) Peroxisome proliferator-activated receptor beta 2 (Fragment) ; UP Q90Z63 (Q90Z63) Rev-Erb beta (Fragment) ; UP Q90271 (Q90271) Retinoic acid receptor alpha-2.A
McF0024D10-MGRbd2	GB AAH45870.1 28278489 BC045870 seven in absentia 1A {Danio rerio;} ;
McF0024G04-MGRbd2	GB AAF59930.1 7329187 AF234260 heterotrimeric guanine nucleotide-binding protein alpha q subunit {Rattus norvegicus;} ; SP P38408 GB14_BOVIN Guanine nucleotide-binding protein alpha-14 subunit (GL1). {Bos taurus;} ; UP GB14_HUMAN (O95837) Guanine nucleotide-binding protein alpha-14 subunit (G-protein alpha subunit 14) ; UP GBQ_MOUSE (P21279) Guanine nucleotide-binding protein G(q) alpha subunit
McF0024K13-MGRbd2	UP Q9DE44 (Q9DE44) Cyclin-dependent protein kinase 5
McF0024O08-MGRbd2	UP TIAM_HUMAN (Q13009) T-lymphoma invasion and metastasis inducing protein 1 (TIAM1 protein) ; UP TIAM_MOUSE (Q60610) T-lymphoma invasion and metastasis inducing protein 1 (TIAM1 protein)
McF0025D22-MGRbd2	UP Q8VD53 (Q8VD53) Cancer related gene-liver 1

McF0025J23-MGRbd2	GB AAH41730.1 27695194 BC041730 ppp1ca-prov protein {Xenopus laevis;} ; SP P36874 PP1G_XENLA Serine/threonine protein phosphatase PP1-gamma catalytic subunit (PP-1G). {Xenopus laevis;} ; UP O18451 (O18451) Protein phosphatase-1 (Serine/threonine protein phosphatase) ; GB AAH70008.1 47124952 BC070008 zgc:85729 {Danio rerio;} ;
McF0026C14-MGRbd1	GB AAD51415.1 5771523 AF171237 3-phosphoglycerate dehydrogenase {Homo sapiens;} ;
McF0026I14-MGRbd1	UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; UP 143E_BOVIN (P62261) 14-3-3 protein epsilon (14-3-3E)
McF0027B05-MGRbd1	UP Q9UQB8 (Q9UQB8) Insulin receptor substrate protein of 53 kDa (A longer form) (Insulin receptor substrate p53) ; UP Q9UBR3 (Q9UBR3) Insulin receptor substrate protein of 53 kDa (A shorter form) (Insulin receptor substrate p53) (BAP2-alpha protein)
McF0027F05-MGRbd1	GB AAH64577.1 40352914 BC064577 CPNE7 protein {Homo sapiens;} ; UP CNE7_HUMAN (Q9UBL6) Copine VII
McF0027O06-MGRbd1	UP Q7ZX64 (Q7ZX64) MGC53013 protein ; SP Q00007 2ABA_HUMAN Serine/threonine protein phosphatase 2A 55 KDA regulatory subunit B alpha isoform (PP2A subunit B B-alpha isoform) (PP2A subunit B B55-alpha isoform) (PP2A subunit B PR55-alpha isoform) (PP2A subunit B R2-alpha isoform). {Homo sapiens;Oryctolagus cuniculus;} ;
McF0028B18-MGRbd1	GB AAH45870.1 28278489 BC045870 seven in absentia 1A {Danio rerio;} ;
McF0028D24-MGRbd1	UP Q8UUW8 (Q8UUW8) Cxcr4A ; UP O42445 (O42445) CXC chemokine receptor ; UP Q9PTF7 (Q9PTF7) Chemokine receptor CXCR4 (Cxcr4B)
McF0028E12-MGRbd1	GB BAA20073.1 2114042 AB001742 Gi2 alpha subunit {Oryzias latipes;} ;
McF0028F20-MGRbd1	UP Q90X26 (Q90X26) Smoothened
McF0029E18-MGRbd1	UP SYUB_BOVIN (P33567) Beta-synuclein (Phosphoneuroprotein 14) (PNP 14) (14 kDa brain-specific protein) ; UP AAH59756 (AAH59756) MGC75784 protein
McF0029F02-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ;
McF0029G20-MGRbd1	SP P36874 PP1G_XENLA Serine/threonine protein phosphatase PP1-gamma catalytic subunit (PP-1G). {Xenopus laevis;} ;
McF0029I16-MGRbd1	UP Q863I2 (Q863I2) Oxidative-stress responsive 1
McF0029O15-MGRbd1	UP Q98TH2 (Q98TH2) Groucho-related gene 3 protein ; GB AAH41831.1 27469815 BC041831 TLE3 protein {Homo sapiens;} ; UP TLE2_BRARE (O13166) Groucho 2 protein ; UP Q7T1J7 (Q7T1J7) Tle1 (Fragment)
McF0030D04-MGRbd1	UP BMP6_HUMAN (P22004) Bone morphogenetic protein 6 precursor (BMP-6) ; UP BMP6_MOUSE (P20722) Bone morphogenetic protein 6 precursor (BMP-6) (VG-1-related protein) (VGR-1) ; UP Q811S4 (Q811S4) Bone morphogenetic protein 6
McF0030F17-MGRbd1	SP O70279 DGRE_MOUSE DGCR14 protein (DiGeorge syndrome critical region 14 homolog) (ES2protein) (Expressed sequence 2 embryonic lethal). {Mus musculus;} ; UP DGRE_MOUSE (O70279) DGCR14 protein (DiGeorge syndrome critical region 14 homolog) (ES2 protein) (Expressed sequence 2 embryonic lethal)
McF0030H05-MGRbd1	SP Q91880 SUH_XENLA Suppressor of hairless protein homolog (X-Su(H)). {Xenopus laevis;} ; UP Q6YLA3 (Q6YLA3) Suppressor of hairless
McF0030H07-MGRbd1	UP Q6STN7 (Q6STN7) Hypoxia-inducible factor-1alpha ; UP Q8UVV3 (Q8UVV3) Single-minded protein (Single-minded homolog 2)
McF0030K24-MGRbd1	GB AAH41730.1 27695194 BC041730 ppp1ca-prov protein {Xenopus laevis;} ; SP P37140 PP1B_HUMAN Serine/threonine protein phosphatase PP1-beta catalytic subunit (PP-1B). {Gallus gallus;Homo sapiens;Oryctolagus cuniculus;Mus musculus;Rattus norvegicus;} ; GB AAH70008.1 47124952 BC070008 zgc:85729 {Danio rerio;} ; UP O18451 (O18451) Protein phosphatase-1 (Serine/threonine protein phosphatase)

McF0030N17-MGRbd1	UP Q6NVP9 (Q6NVP9) MGC69285 protein ; UP Q61442 (Q61442) C-AMP-responsive-element binding protein omega ; PIR A37340 A35769 cAMP response element-binding protein A - human {Homo sapiens;}
McF0031D17-MGRbd1	{Homo sapiens} (G1SYN) (Syntrophin 4) (SYN4)
McF0031H11-MGRbd1	UP Q90Z09 (Q90Z09) Unc119b ; Unc119a [Danio rerio] ; UP Q90Z08 (Q90Z08) Unc119c
McF0031L06-MGRbd1	GB CAA86522.1 624250 CFVASP vasodilator-stimulated phosphoprotein (VASP) {Canis familiaris;} ; SWISSPROT:VASP_MOUSE P70460 mus musculus (mouse). vasodilator-stimulated phosphoprotein (vasp)
McF0031M02-MGRbd1	{Homo sapiens} CDK5 regulatory subunit associated protein 2 (CDK5 activator-binding)
McF0032B09-MGRbd1	GB AAH54583.1 32451648 BC054583 casein kinase 1 delta {Danio rerio;} ; UP Q9PU12 (Q9PU12) Casein kinase I epsilon ; UP Q6P3K7 (Q6P3K7) Zgc:77627 ; UP Q7T2E3 (Q7T2E3) Casein kinase 1 delta
McF0033A23-MGRbd1	PIR PT0410 PT0410 glia maturation factor beta - human {Homo sapiens;} ; UP Q9IBG6 (Q9IBG6) Glia maturation factor beta ; GB AAH49318.1 29179458 BC049318 zgc:56451 {Danio rerio;} ;
McF0033E08-MGRbd1	GB AAP35777.1 30583065 BT007113 asparagine synthetase {Homo sapiens;} ; UP Q9PTF9 (Q9PTF9) Bone morphogenetic protein 7 ; UP Q8SQB0 (Q8SQB0) Diacylglycerol acyltransferase 1 ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;} ;
McF0033I24-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0034P23-MGRbd1	UP O57341 (O57341) Fibroblast growth factor 8 ; UP Q805B2 (Q805B2) Fibroblast growth factor 17
McF0035M02-MGRbd1	UP Q70AG7 (Q70AG7) Protein-O-fucosyltransferase ; UP Q7T028 (Q7T028) GDP-fucose protein O-fucosyltransferase 1
McF0037F06-MGRbd1	UP NDF1_XENLA (Q91616) Neurogenic differentiation factor 1 (NeuroD1)
McF0037H18-MGRbd1	{Gallus gallus} ceramide galactosyltransferase (EC2.4.1.47)
McF0037I15-MGRbd1	UP CRN1_MOUSE (Q9CQC1) Crooked neck-like protein 1 (Crooked neck homolog)
McF0037L11-MGRbd1	UP KINH_MOUSE (Q61768) Kinesin heavy chain (Ubiquitous kinesin heavy chain) (UKHC)
McF0038L12-MGRbd1	UP O73879 (O73879) Eph-like receptor tyrosine kinase rtk4 (Fragment) ; UP EPA3_BRARE (O13146) Ephrin type-A receptor 3 precursor (Tyrosine-protein kinase receptor ZEK1) (EPH-like kinase 1) ; UP Q90ZN9 (Q90ZN9) Eph receptor EphA4b
McF0039B05-MGRbd1	UP O13133 (O13133) Stat3 ; UP O93599 (O93599) Transcription factor ; UP Q6NV46 (Q6NV46) Stat3 protein ; UP Q801Y2 (Q801Y2) Signal transducer and activator of transcription 1
McF0039D19-MGRbd1	GB AAH55621.1 33416917 BC055621 fatty acid binding protein 7 brain {Danio rerio;} ;
McF0039G15-MGRbd1	GB AAD51415.1 5771523 AF171237 3-phosphoglycerate dehydrogenase {Homo sapiens;} ;
McF0039K11-MGRbd1	UP SH31_MOUSE (Q62419) SH3-containing GRB2-like protein 1 (SH3 domain protein 2B) (SH3p8) ; UP SH31_HUMAN (Q99961) SH3-containing GRB2-like protein 1 (SH3 domain protein 2B) (Extra eleven-nineteen leukemia fusion gene) (EEN) (EEN fusion partner of MLL)
McF0039M07-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1 ; UP Q98TH1 (Q98TH1) Homeobox protein six2.1
McF0040H12-MGRbd1	SP P37379 SYU_TORCA Synuclein. {Torpedo californica;} ;
McF0040O05-MGRbd1	UP Q9I8H0 (Q9I8H0) Homeobox protein SIX1
McF0040P09-MGRbd1	AAH57249 (AAH57249) Mab-21-like 1 ; UP Q6NYB4 (Q6NYB4) Mab-21-like 1 ; UP Q8UUZ1 (Q8UUZ1) Cell fate determining protein MAB21L2 (Mab-21-like 2)

McF0041F10-MGRbd1	UP Q8AWR3 (Q8AWR3) Connexin 33.8
McF0041I22-MGRbd1	SP O73916 SIX3_ORYLA Homeobox protein SIX3 (Sine oculis homeobox homolog 3). {Oryzias latipes;}
McF0042D16-MGRbd1	UP AAP20195 (AAP20195) Ras-related C3 botulinum toxin substrate 2
McF0042D24-MGRbd1	UP PEX5_HUMAN (P50542) Peroxisomal targeting signal 1 receptor (Peroxisome receptor 1) (Peroxisomal C-terminal targeting signal import receptor) (PTS1-BP) (Peroxin-5) (PTS1 receptor)
McF0042N20-MGRbd1	UP Q90Z00 (Q90Z00) Fibroblast growth factor receptor 1 isoform 1
McF0042O24-MGRbd1	UP Q90WX6 (Q90WX6) Rod transducin alpha subunit ; UP Q7ZW82 (Q7ZW82) Guanine nucleotide binding protein (G protein) alpha inhibiting activity polypeptide a ; UP Q7ZWI5 (Q7ZWI5) Guanine nucleotide-binding protein Gi2 alpha-subunit
McF0042P23-MGRbd1	GB AAP39968.1 32331179 AY262096 RTN1 {Oryzias latipes;} ; UP Q63765 (Q63765) Rat C1-13 gene product
McF0043A06-MGRbd1	UP Q9PUQ6 (Q9PUQ6) Sk-tropomodulin (Tropomodulin 4) (Muscle)
McF0043A22-MGRbd1	SP Q96FN4 CNE2_HUMAN Copine II. {Homo sapiens;} ; UP CNE3_HUMAN (O75131) Copine III
McF0043F23-MGRbd1	UP Q98868 (Q98868) Myocyte enhancer factor 2A MEF2A ; UP Q6NSN7 (Q6NSN7) Zgc:64184 protein ; UP Q98870 (Q98870) Myocyte enhancer factor 2D MEF2D ; UP MEFD_XENLA (Q03413) Myocyte-specific enhancer factor 2D homolog (Serum response factor-like protein 1) (SL-1)
McF0043H05-MGRbd1	UP Q90WX5 (Q90WX5) Cone transducin alpha subunit (Guanine nucleotide binding protein (G protein) alpha transducing activity polypeptide 2)
McF0043J07-MGRbd1	UP Q8QFX8 (Q8QFX8) Connexin 31 ; UP Q8QGJ5 (Q8QGJ5) Connexin ; UP Q8AWR5 (Q8AWR5) Connexin 34.4
McF0043P14-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0044C02-MGRbd1	UP SYUB_BOVIN (P33567) Beta-synuclein (Phosphoneuroprotein 14) (PNP 14) (14 kDa brain-specific protein) ; UP AAH59756 (AAH59756) MGC75784 protein
McF0044C03-MGRbd1	UP Q8QFT1 (Q8QFT1) Phosphoglucose isomerase-2 ; UP Q8QFU1 (Q8QFU1) Phosphoglucose isomerase-2 (Glucose-6-phosphate isomerase) (GPI) (PGI) (Phosphohexose isomerase) (PHI) ; UP Q7ZU30 (Q7ZU30) Glucose phosphate isomerase a ; UP Q8QFT2 (Q8QFT2) Phosphoglucose isomerase (Glucose-6-phosphate isomerase) (GPI) (PGI) (Phosphohexose isomerase) (PHI)
McF0044C08-MGRbd1	UP Q8QGE3 (Q8QGE3) Activin beta A subunit (Inhba protein)
McF0044F04-MGRbd1	UP 143B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1) (Protein 1054) ; UP Q8AVQ3 (Q8AVQ3) Ywhab-prov protein; UP 143B_MOUSE (Q9CQV8) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1)
McF0044G07-MGRbd1	PIR A48979 A48979 visinin-like protein VILIP - chicken {Gallus gallus;} ; UP AAM48292 (AAM48292) Visinin-like protein 1; UP VIS1_HUMAN (P28677) Visinin-like protein 1 (VILIP-1) (Neural visinin-like protein 1) (NVL-1) (NVP-1) (21 kDa CABP) (Neurocalcin alpha) (Hippocalcin-like protein 3) (HLP3)
McF0044I09-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein
McF0044I18-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;} ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;} ; UP AAH61352 (AAH61352) MGC75897 protein
McF0044J12-MGRbd1	SP Q98877 DLX6_BRARE Homeobox protein DLX-6. {Danio rerio}



McF0044N10-MGRbd1	UP Q9PSX7 (Q9PSX7) GTP-binding protein ; UP Q6NUX8 (Q6NUX8) Ras homolog gene family member A ; PDB 1S1C_A 46015651 1S1C_A Chain A Crystal Structure Of The Complex Between The Human Rhoa And Rho-Binding Domain Of Human Rocki. {Homo sapiens;} ; UP O93467 (O93467) GTPase CRHOA
McF0045B18-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH54185.1 32450102 BC054185 fgg-prov protein {Xenopus laevis;} ;
McF0045D21-MGRbd1	UP NR21_ORYLA (Q9YGL3) Orphan nuclear receptor NR2E1 (Nuclear receptor TLX) (Tailless homolog) (TII)
McF0045F16-MGRbd1	UP ETV1_HUMAN (P50549) Ets translocation variant 1 (ER81 protein) ; GB AAD29878.1 4808656 HSETVP13 ets variant protein ER81 {Homo sapiens;} ; GB AAC62435.1 3694666 AC004857 ETS-related transcription factor (binds CGGAW) {Homo sapiens;} ; UP Q6GQB8 (Q6GQB8) LOC398358 protein ; UP Q9W696 (Q9W696) Ets transcription factor
McF0045I08-MGRbd1	{Gallus gallus} Phosphotyrosylphosphatase
McF0045J14-MGRbd1	UP JAG3_BRARE (Q90Y54) Jagged 3 precursor (Jagged3)
McF0045L16-MGRbd1	GB AAB36428.1 1478503 S82024 SCG10 {Homo sapiens;} ; UP Q9CZ46 (Q9CZ46) Superiorcervical ganglia neural specific 10 ; UP Q6PK68 (Q6PK68) Superiorcervical ganglia neural specific 10 (STMN2 protein)
McF0045L18-MGRbd1	GB AAC64498.1 3769362 AF005381 ectoderm-neural cortex-1 protein {Homo sapiens;} ; UP ENC1_HUMAN (O14682) Ectoderm-neural cortex-1 protein (ENC-1) (P53-induced protein 10) (Nuclear matrix protein NRP/B) ; UP Q8C7V2 (Q8C7V2) Mus musculus ES cells cDNA RIKEN full-length enriched library clone:C330011O05 product:ectodermal-neural cortex 1 full insert sequence (Ectodermal-neural cortex 1) ; UP Q7ZUA7 (Q7ZUA7) Ectoderm neural cortex related-3
McF0046F15-MGRbd1	GB AAD38940.2 6579191 AF141386 SLIT-2 {Rattus norvegicus;} ; UP SLT2_MOUSE (Q9R1B9) Slit homolog 2 protein precursor (Slit-2) ; UP SLT2_HUMAN (O94813) Slit homolog 2 protein precursor (Slit-2) ; GB AAD25539.1 4585572 AF133270 SLIT2 {Homo sapiens;} ; GB AAD04309.1 4151205 AF055585 neurogenic extracellular slit protein Slit2 {Homo sapiens;} ;
McF0046F16-MGRbd1	UP Q6TEM4 (Q6TEM4) GTP-binding protein ; SP P52199 RHOE_HUMAN Rho-related GTP-binding protein RhoE (Rho8) (Rnd3). {Homo sapiens;Mus musculus;} ;
McF0046I08-MGRbd1	UP O93467 (O93467) GTPase CRHOA ; GB AAH54576.1 32493404 BC054576 zgc:63939 {Danio rerio;} ; UP Q9PSX7 (Q9PSX7) GTP-binding protein
McF0046M10-MGRbd1	UDP-glucuronic acid/UDP-N-acetylgalactosamine dual transporter [Danio rerio] ; UP S35D_HUMAN (Q9NTN3) UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1)
McF0046O03-MGRbd1	UP AAH58314 (AAH58314) Calr protein ; UP AAR17084 (AAR17084) Calreticulin; UP Q802X3 (Q802X3) Calreticulin like
McF0046O09-MGRbd1	GB AAP39968.1 32331179 AY262096 RTN1 {Oryzias latipes;} ; UP Q63765 (Q63765) Rat C1-13 gene product
McF0047L02-MGRbd1	UP AAQ14491 (AAQ14491) Collapsin response mediator protein-4B ; UP AAQ14488 (AAQ14488) Collapsin response mediator protein-2B ; UP DPY2_BOVIN (O02675) Dihydropyrimidinase related protein-2 (DRP-2) (Neural specific protein NSP60)
McF0048D12-MGRbd1	GB AAF43715.1 7248902 AF239804 NOELIN-2 {Gallus gallus;} ; UP Q6IMJ8 (Q6IMJ8) NOELIN1_V1
McF0048G07-MGRbd1	UP NDF1_XENLA (Q91616) Neurogenic differentiation factor 1 (NeuroD1) ; UP NDFM_CHICK (P79766) Neurogenic differentiation factor NeuroM ; UP NDF4_MOUSE (O09105) Neurogenic differentiation factor 4 (NeuroD4) (Atonal protein homolog 3) (Helix-loop-helix protein MATH-3) (MATH3) ; UP NDF4_HUMAN (Q9HD90) Neurogenic differentiation factor 4 (NeuroD4)

McF0048I11-MGRbd1	UP O93431 (O93431) Ephrin A-L1 ; UP Q6PBP7 (Q6PBP7) Crsp6 protein
McF0049B20-MGRbd1	UP Q6ZQ37 (Q6ZQ37) MKIAA0834 protein (Fragment) ; UP PFT1_MOUSE (O35495) Serine/threonine-protein kinase PFTAIRES-1
McF0049F03-MGRbd1	UP Q8UUK8 (Q8UUK8) TUBB protein ; GB AAH52476.1 30851615 BC052476 HLA-B-associated transcript 3 {Danio rerio;} ; GB AAH56312.1 33604128 BC056312 dynein light chain (10.3 kD) (dlc-1) {Danio rerio;} ; UP Q86QN7 (Q86QN7) Signal recognition particle 19 kDa protein
McF0049F10-MGRbd1	SP Q29459 PA1B_HUMAN Platelet-activating factor acetylhydrolase IB beta subunit (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH beta subunit) (PAFAH beta subunit). {Homo sapiens;Bos taurus;} ; UP PA1B_RAT (O35264) Platelet-activating factor acetylhydrolase IB beta subunit (PAF acetylhydrolase 30 kDa subunit) (PAF-AH 30 kDa subunit) (PAF-AH beta subunit) (PAFAH beta subunit) (Platelet-activating factor acetylhydrolase alpha 2 subunit)
McF0049K16-MGRbd1	UP Q708S6 (Q708S6) Acid-sensing ion channel 1.3 ; UP Q708S8 (Q708S8) Acid-sensing ion channel 1.1 ; UP Q708S7 (Q708S7) Acid-sensing ion channel 1.2 ; UP Q708S5 (Q708S5) Acid-sensing ion channel 2 ; UP Q708S3 (Q708S3) Acid-sensing ion channel 4.2
McF0049M12-MGRbd1	UP Q6RKB0 (Q6RKB0) Skeletal muscle L-type calcium channel alpha1S subunit ; UP Q6QRQ2 (Q6QRQ2) L-type calcium channel pore subunit isoform 1.3a ; UP Q90ZA7 (Q90ZA7) Voltage-gated L-type calcium channel alpha-1 subunit
McF0049O01-MGRbd1	UP MJD1_CHICK (Q9W689) Machado-Joseph disease protein 1 (Ataxin-3)
McF0050B18-MGRbd1	SP Q9NTN3 S35D_HUMAN UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1). {Homo sapiens;} ;
McF0051B04-MGRbd1	SP O42204 ITMB_CHICK Integral membrane protein 2B (Transmembrane protein E3-16). {Gallus gallus;} ;
McF0051G12-MGRbd1	SP P78330 SERB_HUMAN L-3-phosphoserine phosphatase (PSP) (O-phosphoserine phosphohydrolase) (PSPase). {Homo sapiens;} ;
McF0051N21-MGRbd1	UP Q86UD9 (Q86UD9) Protein related to DAN and cerberus ; UP AAQ95163 (AAQ95163) Gremlin ; UP Q6T937 (Q6T937) Gremlin
McF0051O09-MGRbd1	UP SMA2_BRARE (Q9I9P9) Mothers against decapentaplegic homolog 2 (SMAD 2) (Mothers against DPP homolog 2) (Smad2) ; UP Q7ZU35 (Q7ZU35) MAD homolog 2 ; UP Q8AY15 (Q8AY15) Smad3a
McF0052I01-MGRbd1	SP Q9NTN3 S35D_HUMAN UDP-glucuronic acid/UDP-N-acetylgalactosamine transporter (UDP-GlcA/UDP-GalNAc transporter) (Solute carrier family 35 member D1). {Homo sapiens;} ;
McF0053J07-MGRbd1	{Gallus gallus} Anosmin1 precursor (Kallmann syndrome protein homolog)
McF0053L10-MGRbd1	GB AAH44698.1 28278283 BC044698 MGC54031 protein {Xenopus laevis;} ; UP Q6NY70 (Q6NY70) Zgc:77119 ; GB AAH44698.1 28278283 BC044698 MGC54031 protein {Xenopus laevis;} ; GB CAA54799.1 606779 HSTROP2A gp50/Trop-2 {Homo sapiens;} ;
McF0053O13-MGRbd1	UP O95861 (O95861) Bisphosphate 3'-nucleotidase ; UP Q9Z1N4 (Q9Z1N4) 3'(2') 5'-bisphosphate nucleotidase ; zgc:92144 [Danio rerio]
McF0054N19-MGRbd1	UP O73879 (O73879) Eph-like receptor tyrosine kinase rtk4 (Fragment)
McF0054O20-MGRbd1	Thrombospondin-4 precursor [Rattus norvegicus] ; Thrombospondin-4 precursor [Mus musculus]
McF0055O04-MGRbd1	SP O88813 LCFE_RAT Long-chain-fatty-acid--CoA ligase 5 (Long-chain acyl-CoA synthetase 5) (LACS 5). {Rattus norvegicus;} ; GB AAD47199.1 5702202 AF129166 long-chain acyl-CoA synthetase 5 {Homo sapiens;} ;
McF0055P12-MGRbd1	UP Q8AXV6 (Q8AXV6) Basic helix-loop-helix transcription factor ; UP Q9I9L0 (Q9I9L0) Gridlock

EST/Contig	Similarity to ...
<b>glial cell differentiation</b>	
McF0009F13-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0019F13-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; UP Q8NG24 (Q8NG24) GTP-binding protein Rab25
McF0029F02-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ;
McF0033I24-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0043P14-MGRbd1	GB AAH45014.1 27924279 BC045014 rab1-prov protein {Xenopus laevis;} ; UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor
McF0045B18-MGRbd1	UP Q8QFR9 (Q8QFR9) Basic fibroblast growth factor ; GB AAH54185.1 32450102 BC054185 fgg-prov protein {Xenopus laevis;} ;
<b>neuron differentiation</b>	
CL1132Contig1	UP AAQ72492 (AAQ72492) 14-3-3E2 protein ; UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; UP Q6PUV9 (Q6PUV9) 14-3-3 protein
CL1626Contig1	GB AAC34258.1 3523107 AF022224 Bcl-2-binding protein {Homo sapiens;} ;
CL1724Contig1	UP Q7T3G1 (Q7T3G1) GATA-binding protein 2 ; UP GAT3_BRARE (Q91428) Transcription factor GATA-3 (GATA binding factor-3)
CL1881Contig1	AAQ97818 (AAQ97818) N-ethylmaleimide-sensitive factor attachment protein alpha ; UP Q7T2F5 (Q7T2F5) N-ethylmaleimide sensitive fusion protein attachment protein alpha (N-ethylmaleimide-sensitive factor attachment protein alpha)
CL1895Contig1	UP Q80WM6 (Q80WM6) 2' 5'-oligoadenylate synthetase-dependent ribonuclease L
CL215Contig1	UP AAQ72487 (AAQ72487) 14-3-3B1 protein ; UP AAQ72488 (AAQ72488) 14-3-3B2 protein ; UP Q6UFZ9 (Q6UFZ9) 14-3-3B1 protein
CL2446Contig1	SP Q99LM2 C5P3_MOUSE CDK5 regulatory subunit associated protein 3 (CDK5 activator-bindingprotein C53). {Mus musculus;} ; zgc:86863 [Danio rerio]
CL2843Contig1	GB AAG39735.1 11692273 AF249669 homeodomain protein NKX3.1 isoform v1 {Homo sapiens;} ; UP DLX4_BRARE (P50576) Homeobox protein DLX-4 ; UP AAO06122 (AAO06122) MsxC homeobox protein (Fragment) ; UP Q90263 (Q90263) Emx1 homeoprotein ; UP O13160 (O13160) Nkx2.5 protein
CL477Contig1	UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; GB AAH45025.1 27924430 BC045025 ywhae-prov protein {Xenopus laevis;} ; UP Q6PUV9 (Q6PUV9) 14-3-3 protein
McF0001MGR-1G03bd1	UP PBX3_HUMAN (P40426) Pre-B-cell leukemia transcription factor-3 (Homeobox protein PBX3) ; SP P41778 PBX1_MOUSE Pre-B-cell leukemia transcription factor-1 (Homeobox protein PBX1). {Mus musculus;} ; GB AAA36764.1 339895 HUMTRAA1 E2A/PRL fusion protein {Homo sapiens;} ; UP Q9I9B7 (Q9I9B7) Pbx1a homeodomain protein (Pre-B-cell leukemia transcription factor 1a)
McF0003B14-MGRbd1	SP P31946 143B_HUMAN 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1)(KCIP-1) (Protein 1054). {Homo sapiens;} ; UP 143B_MOUSE (Q9CQV8) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1) ; UP AAQ72489 (AAQ72489) 14-3-3C1 protein
McF0006C13-MGRbd1	UP Q8UVY9 (Q8UVY9) CCAAT/enhancer binding protein delta ; GB AAH45282.1 28277450 BC045282 cebpd protein {Danio rerio;} ;

McF0008B19-MGRbd1	UP Q6PGB4 (Q6PGB4) Tnrc11 protein (Fragment) ; UP T230_HUMAN (Q93074) Thyroid hormone receptor-associated protein complex 230 kDa component (Trap230) (Activator-recruited cofactor 240 KDa component) (ARC240) (CAG repeat protein 45) (OPA-containing protein) (Trinucleotide repeat containing 11)
McF0025O06-MGRbd2	{Homo sapiens} Myotrophin(V-1 protein)
McF0026I14-MGRbd1	UP AAQ72491 (AAQ72491) 14-3-3E1 protein ; UP 143E_BOVIN (P62261) 14-3-3 protein epsilon (14-3-3E)
McF0031M02-MGRbd1	{Homo sapiens} CDK5 regulatory subunit associated protein 2 (CDK5activator-binding)
McF0044F04-MGRbd1	UP 143B_HUMAN (P31946) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1) (Protein 1054) ; UP Q8AVQ3 (Q8AVQ3) Ywhab-prov protein; UP 143B_MOUSE (Q9CQV8) 14-3-3 protein beta/alpha (Protein kinase C inhibitor protein-1) (KCIP-1)