Appendix A

Protein Sequences Used for CCR1 Structure Prediction

76 sequences used for MSA and structure prediction of hCCR1, mCCR1, and rCCR1. All have a bit score above 200 (corresponding identity ranging from 22-90%).

>sp|P32246|CKR1_HUMAN C-C chemokine receptor type 1 (C-C CKR-1) (CC-CKR-1) (CCR-1) (CCR1) (Macrophage inflammatory protein-1 alpha receptor) (MIP-1alpha-R) (RANTES-R) (HM145) (LD78 receptor) - Homo sapiens (Human).
METPNTTEDYDTTTEFDYGDATPCQKVNERAFGAQLLPPLYSLVFVIGLVGNILVVLVLV
QYKRLKNMTSIYLLNLAISDLLFLFTLPFWIDYKLKDDWVFGDAMCKILSGFYYTGLYSE
IFFIILLTIDRYLAIVHAVFALRARTVTFGVITSIIIWALAILASMPGLYFSKTQWEFTH
HTCSLHFPHESLREWKLFQALKLNLFGLVLPLLVMIICYTGIIKILLRRPNEKKSKAVRL
IFVIMIIFFLFWTPYNLTILISVFQDFLFTHECEQSRHLDLAVQVTEVIAYTHCCVNPVI
YAFVGERFRKYLRQLFHRRVAVHLVKWLPFLSVDRLERVSSTSPSTGEHELSAGF

>sp|P51675|CKR1_MOUSE C-C chemokine receptor type 1 (C-C CKR-1) (CC-CKR-1) (CCR-1) (CCR1) (Macrophage inflammatory protein-1 alpha receptor) (MIP-1alpha-R) (RANTES-R) - Mus musculus (Mouse).
MEISDFTEAYPTTTEFDYGDSTPCQKTAVRAFGAGLLPPLYSLVFIIGVVGNVLMILVLM
QHRRLQSMTSIYLFNLAVSDLVFLFTLPFWIDYKLKDDWIFGDAMCKLLSGFYYLGLYSE
IFFIILLTIDRYLAIVHAVFALRARTVTLGIITSIITWALAILASMPALYFFKAQWEFTH
RTCSPHFPYKSLKQWKRFQALKLNLLGLILPLLVMIICYAGIIRILLRRPSEKKVKAVRL
IFAITLLFFLLWTPYNLSVFVSAFQDVLFTNQCEQSKHLDLAMQVTEVIAYTHCCVNPII
YVFVGERFWKYLRQLFQRHVAIPLAKWLPFLSVDQLERTSSISPSTGEHELSAGF

>sp|P51678|CKR3_MOUSE Probable C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3) (Macrophage inflammatory protein-1 alpha receptor-like 2) (MIP-1 alpha RL2) - Mus musculus (Mouse).
MAFNTDEIKTVVESFETTPYEYEWAPPCEKVRIKELGSWLLPPLYSLVFIIGLLGNMMVV
LILIKYRKLQIMTNIYLFNLAISDLLFLFTVPFWIHYVLWNEWGFGHYMCKMLSGFYYLA
LYSEIFFIILLTIDRYLAIVHAVFALRARTVTFATITSIITWGLAGLAALPEFIFHESQD
SFGEFSCSPRYPEGEEDSWKRFHALRMNIFGLALPLLVMVICYSGIIKTLLRCPNKKKHK
AIRLIFVVMIVFFIFWTPYNLVLLFSAFHRTFLETSCEQSKHLDLAMQVTEVIAYTHCCV
NPVIYAFVGERFRKHLRLFFHRNVAVYLGKYIPFLPGEKMERTSSVSPSTGEQEISVVF

>sp|P51677|CKR3_HUMAN C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3) (Eosinophil eotaxin receptor) - Homo sapiens (Human).
MTTSLDTVETFGTTSYYDDVGLLCEKADTRALMAQFVPPLYSLVFTVGLLGNVVVVMILI
KYRRLRIMTNIYLLNLAISDLLFLVTLPFWIHYVRGHNWVFGHGMCKLLSGFYHTGLYSE
IFFIILLTIDRYLAIVHAVFALRARTVTFGVITSIVTWGLAVLAALPEFIFYETEELFEE
TLCSALYPEDTVYSWRHFHTLRMTIFCLVLPLLVMAICYTGIIKTLLRCPSKKKYKAIRL
IFVIMAVFFIFWTPYNVAILLSSYQSILFGNDCERSKHLDLVMLVTEVIAYSHCCMNPVI
YAFVGERFRKYLRHFFHRHLLMHLGRYIPFLPSEKLERTSSVSPSTAEPELSIVF

>sp|O54814|CKR3_RAT C-C chemokine receptor type 3 (C-C CKR-3) (CC-CKR-3) (CCR-3) (CCR3) (CKR3) - Rattus norvegicus (Rat).
MASNEEELKTVVETFETTPYEYEWAPPCEKVSIRELGSWLLPPLYSLVFIVGLLGNMMVV
LILIKYRKLQIMTNIYLLNLAISDLLFLFTVPFWIHYVLWNEWGFGHCMCKMLSGLYYLA
LYSEIFFIILLTIDRYLAIVHAVLALRARTVTFATITSIITWGFAVLAALPEFIFHESQD
NFGDLSCSPRYPEGEEDSWKRFHALRMNIFGLALPLLIMVICYSGIIKTLLRCPNKKKHK
AIQLIFVVMIVFFIFWTPYNLVLLLSAFHSTFLETSCQQSIHLDLAMQVTEVITHTHCCI
NPIIYAFVGERFRKHLRLFFHRNVAIYLRKYISFLPGEKLERTSSVSPSTGEQEISVVF

>sp|P51682|CKR5_MOUSE C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (MIP-1 alpha receptor) - Mus musculus (Mouse).
MDFQGSVPTYIYDIDYGMSAPCQKINVKQIAAQLLPPLYSLVFIFGFVGNMMVFLILISC

KKLKSVTDIYLLNLAISDLLFLLTLPFWAHYAANEWIFGNIMCKVFTGVYHIGYFGGIFF
IILLTIDRYLAIVHAVFALKVRTVNFGVITSVVTWVVAVFASLPEIIFTRSQKEGFHYTC
SPHFPHTQYHFWKSFQTLKMVILSLILPLLVMIICYSGILHTLFRCRNEKKRHRAVRLIF
AIMIVYFLFWTPYNIVLLLTTFQEFFGLNNCSSSNRLDQAMQATETLGMTHCCLNPVIYA
FVGEKFRSYLSVFFRKHIVKRFCKRCSIFQQDNPDRVSSVYTRSTGEHEVSTGL

>sp|P51681|CKR5_HUMAN C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (CCR5) (HIV-1 fusion coreceptor) (CHEMR13) (CD195 antigen) - Homo sapiens (Human).
MDYQVSSPIYDINYYTSEPCQKINVKQIAARLLPPLYSLVFIFGFVGNMLVILILINCKR
LKSMTDIYLLNLAISDLFFLLTVPFWAHYAAAQWDFGNTMCQLLTGLYFIGFFSGIFFII
LLTIDRYLAVVHAVFALKARTVTFGVVTSVITWVVAVFASLPGIIFTRSQKEGLHYTCSS
HFPYSQYQFWKNFQTLKIVILGLVLPLLVMVICYSGILKTLLRCRNEKKRHRAVRLIFTI
MIVYFLFWAPYNIVLLLNTFQEFFGLNNCSSSNRLDQAMQVTETLGMTHCCINPIIYAFV
GEKFRNYLLVFFQKHIAKRFCKCCSIFQQEAPERASSVYTRSTGEQEISVGL

>sp|O55193|CKR2_RAT C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) - Rattus norvegicus (Rat).
MEDSNMLPQFIHGILSTSHSLFPRSIQELDEGATTPYDYDDGEPCHKTSVKQIGAWILPP
LYSLVFIFGFVGNMLVIIILISCKKLKSMTDIYLFNLAISDLLFLLTLPFWAHYAANEWV
FGNIMCKLFTGLYHIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVITSVVTWVV
AVFASLPGIIFTKSEQEDDQHTCGPYFPTIWKNFQTIMRNILSLILPLLVMVICYSGILH
TLFRCRNEKKRHRAVRLIFAIMIVYFLFWTPYNIVLFLTTFQEFLGMSNCVVDMHLDQAM
QVTETLGMTHCCVNPIIYAFVGEKFRRYLSIFFRKHIAKNLCKQCPVFYRETADRVSSTF
TPSTGEQEVSVGL

>sp|P51683|CKR2_MOUSE C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) (JE/FIC receptor) (MCP-1 receptor) - Mus musculus (Mouse).
MEDNNMLPQFIHGILSTSHSLFTRSIQELDEGATTPYDYDDGEPCHKTSVKQIGAWILPP
LYSLVFIFGFVGNMLVIIILIGCKKLKSMTDIYLLNLAISDLLFLLTLPFWAHYAANEWV
FGNIMCKVFTGLYHIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVITSVVTWVV
AVFASLPGIIFTKSKQDDHHYTCGPYFTQLWKNFQTIMRNILSLILPLLVMVICYSGILH
TLFRCRNEKKRHRAVRLIFAIMIVYFLFWTPYNIVLFLTTFQESLGMSNCVIDKHLDQAM
QVTETLGMTHCCINPVIYAFVGEKFRRYLSIFFRKHIAKRLCKQCPVFYRETADRVSSTF
TPSTGEQEVSVGL

>sp|O08556|CKR5_RAT C-C chemokine receptor type 5 (C-C CKR-5) (CC-CKR-5) (CCR-5) (MIP-1 alpha receptor) - Rattus norvegicus (Rat).
MDFQGSIPTYIYDIDYSMSAPCQKVNVKQIAAQLLPPLYSLVFIFGFVGNMMVFLILISC
KKLKSMTDIYLFNLAISDLLFLLTLPFWAHYAANEWVFGNIMCKLFTGIYHIGYFGGIFF
IILLTIDRYLAIVHAVFAIKARTVNFGVITSVVTWVVAVFVSLPEIIFMRSQKEGSHYTC
SPHFLHIQYRFWKHFQTLKMVILSLILPLLVMVICYSGILNTLFRCRNEKKRHRAVRLIF
AIMIVYFLFWTPYNIVLLLTTFQEYFGLNNCSSSNRLDQAMQVTETLGMTHCCLNPVIYA
FVGEKFRNYLSVFFRKHIVKRFCKHCSIFQQVNPDRVSSVYTRSTGEQEVSTGL

>sp|P41597|CKR2_HUMAN C-C chemokine receptor type 2 (C-C CKR-2) (CC-CKR-2) (CCR-2) (CCR2) (Monocyte chemoattractant protein 1 receptor) (MCP-1-R) - Homo sapiens (Human).
MLSTSRSRFIRNTNESGEEVTTFFDYDYGAPCHKFDVKQIGAQLLPPLYSLVFIFGFVGN
MLVVLILINCKKLKCLTDIYLLNLAISDLLFLITLPLWAHSAANEWVFGNAMCKLFTGLY
HIGYFGGIFFIILLTIDRYLAIVHAVFALKARTVTFGVVTSVITWLVAVFASVPGIIFTK
CQKEDSVYVCGPYFPRGWNNFHTIMRNILGLVLPLLIMVICYSGILKTLLRCRNEKKRHR
AVRVIFTIMIVYFLFWTPYNIVILLNTFQEFFGLSNCESTSQLDQATQVTETLGMTHCCI
NPIIYAFVGEKFRSLFHIALGCRIAPLQKPVCGGPGVRPGKNVKVTTQGLLDGRGKGKSI
GRAPEASLQDKEGA

>sp|P51679|CKR4_HUMAN C-C chemokine receptor type 4 (C-C CKR-4) (CC-CKR-4) (CCR-4) (CCR4) (K5-5) - Homo sapiens (Human).
MNPTDIADTTLDESIYSNYYLYESIPKPCTKEGIKAFGELFLPPLYSLVFVFGLLGNSVV
VLVLFKYKRLRSMTDVYLLNLAISDLLFVFSLPFWGYYAADQWVFGLGLCKMISWMYLVG
FYSGIFFVMLMSIDRYLAIVHAVFSLRARTLTYGVITSLATWSVAVFASLPGFLFSTCYT
ERNHTYCKTKYSLNSTTWKVLSSLEINILGLVIPLGIMLFCYSMIIRTLQHCKNEKKNKA
VKMIFAVVVLFLGFWTPYNIVLFLETLVELEVLQDCTFERYLDYAIQATETLAFVHCCLN
PIIYFFLGEKFRKYILQLFKTCRGLFVLCQYCGLLQIYSADTPSSSYTQSTMDHDLHDAL

>sp|P51680|CKR4_MOUSE C-C chemokine receptor type 4 (C-C CKR-4) (CC-CKR-4) (CCR-4) (CCR4) - Mus musculus (Mouse).
MNATEVTDTTQDETVYNSYYFYESMPKPCTKEGIKAFGEVFLPPLYSLVFLLGLFGNSVV
VLVLFKYKRLKSMTDVYLLNLAISDLLFVLSLPFWGYYAADQWVFGLGLCKIVSWMYLVG
FYSGIFFIMLMSIDRYLAIVHAVFSLKARTLTYGVITSLITWSVAVFASLPGLLFSTCYT
EHNHTYCKTQYSVNSTTWKVLSSLEINVLGLLIPLGIMLFWYSMIIRTLQHCKNEKKNRA
VRMIFGVVVLFLGFWTPYNVVLFLETLVELEVLQDCTLERYLDYAIQATETLGFIHCCLN
PVIYFFLGEKFRKYITQLFRTCRGPLVLCKHCDFLQVYSADMSSSSYTQSTVDHDFRDAL

>sp|P51685|CKR8_HUMAN C-C chemokine receptor type 8 (C-C CKR-8) (CC-CKR-8) (CCR-8) (GPR-CY6) (GPRCY6) (Chemokine receptor-like 1) (CKR-L1) (TER1) (CMKBRL2) (CC- chemokine receptor CHEMR1) - Homo sapiens (Human).
MDYTLDLSVTTVTDYYYPDIFSSPCDAELIQTNGKLLLAVFYCLLFVFSLLGNSLVILVL
VVCKKLRSITDVYLLNLALSDLLFVFSFPFQTYYLLDQWVFGTVMCKVVSGFYYIGFYSS
MFFITLMSVDRYLAVVHAVYALKVRTIRMGTTLCLAVWLTAIMATIPLLVFYQVASEDGV
LQCYSFYNQQTLKWKIFTNFKMNILGLLIPFTIFMFCYIKILHQLKRCQNHNKTKAIRLV
LIVVIASLLFWVPFNVVLFLTSLHSMHILDGCSISQQLTYATHVTEIISFTHCCVNPVIY
AFVGEKFKKHLSEIFQKSCSQIFNYLGRQMPRESCEKSSSCQQHSSRSSSVDYIL

>sp|P56484|CKR8_MOUSE C-C chemokine receptor type 8 (C-C CKR-8) (CC-CKR-8) (CCR-8) - Mus musculus (Mouse).
MDYTMEPNVTMTDYYPDFFTAPCDAEFLLRGSMLYLAILYCVLFVLGLLGNSLVILVLVG
CKKLRSITDIYLLNLAASDLLFVLSIPFQTHNLLDQWVFGTAMCKVVSGLYYIGFFSSMF
FITLMSVDRYLAIVHAVYAIKVRTASVGTALSLTVWLAAVTATIPLMVFYQVASEDGMLQ
CFQFYEEQSLRWKLFTHFEINALGLLLPFAILLFCYVRILQQLRGCLNHNRTRAIKLVLT
VVIVSLLFWVPFNVALFLTSLHDLHILDGCATRQRLALAIHVTEVISFTHCCVNPVIYAF
IGEKFKKHLMDVFQKSCSHIFLYLGRQMPVGALERQLSSNQRSSHSSTLDDIL

>sp|Q9Z0D9|C3X1_MOUSE CX3C chemokine receptor 1 (C-X3-C CKR-1) (CX3CR1) (Fractalkine receptor) - Mus musculus (Mouse).
MSTSFPELDLENFEYDDSAEACYLGDIVAFGTIFLSVFYALVFTFGLVGNLLVVLALTNS
RKPKSITDIYLLNLALSDLLFVATLPFWTHYLISHEGLHNAMCKLTTAFFFIGFFGGIFF
ITVISIDRYLAIVLAANSMNNRTVQHGVTISLGVWAAAILVASPQFMFTKRKDNECLGDY
PEVLQEMWPVLRNSEVNILGFALPLLIMSFCYFRIIQTLFSCKNRKKARAVRLILLVVFA
FFLFWTPYNIMIFLETLKFYNFFPSCDMKRDLRLALSVTETVAFSHCCLNPFIYAFAGEK
FRRYLGHLYRKCLAVLCGHPVHTGFSPESQRSRQDSILSSFTHYTSEGDGSLLL

>sp|P35411|C3X1_RAT CX3C chemokine receptor 1 (C-X3-C CKR-1) (CX3CR1) (Fractalkine receptor) (GPR13) (RBS11) - Rattus norvegicus (Rat).
MPTSFPELDLENFEYDDSAEACYLGDIVAFGTIFLSIFYSLVFTFGLVGNLLVVLALTNS
RKSKSITDIYLLNLALSDLLFVATLPFWTHYLISHEGLHNAMCKLTTAFFFIGFFGGIFF
ITVISIDRYLAIVLAANSMNNRTVQHGVTISLGVWAAAILVASPQFMFTKRKDNECLGDY
PEVLQEIWPVLRNSEVNILGFVLPLLIMSFCYFRIVRTLFSCKNRKKARAIRLILLVVVV
FFLFWTPYNIVIFLETLKFYNFFPSCGMKRDLRWALSVTETVAFSHCCLNPFIYAFAGEK
FRRYLRHLYNKCLAVLCGRPVHAGFSTESQRSRQDSILSSLTHYTSEGEGSLLL

>sp|P49238|C3X1_HUMAN CX3C chemokine receptor 1 (C-X3-C CKR-1) (CX3CR1) (Fractalkine receptor) (GPR13) (V28) (Beta chemokine receptor-like 1) (CMK-BRL-1) (CMKBLR1) - Homo sapiens (Human).
MDQFPESVTENFEYDDLAEACYIGDIVVFGTVFLSIFYSVIFAIGLVGNLLVVFALTNSK
KPKSVTDIYLLNLALSDLLFVATLPFWTHYLINEKGLHNAMCKFTTAFFFIGFFGSIFFI
TVISIDRYLAIVLAANSMNNRTVQHGVTISLGVWAAAILVAAPQFMFTKQKENECLGDYP
EVLQEIWPVLRNVETNFLGFLLPLLIMSYCYFRIIQTLFSCKNHKKAKAIKLILLVVIVF
FLFWTPYNVMIFLETLKLYDFFPSCDMRKDLRLALSVTETVAFSHCCLNPLIYAFAGEKF
RRYLYHLYGKCLAVLCGRSVHVDFSSSESQRSRHGSVLSSNFTYHTSDGDALLLL

>sp|P51686|CKR9_HUMAN C-C chemokine receptor type 9 (C-C CKR-9) (CC-CKR-9) (CCR-9) (GPR-9- 6) - Homo sapiens (Human).
MADDYGSESTSSMEDYVNFNFTDFYCEKNNVRQFASHFLPPLYWLVFIVGALGNSLVILV
YWYCTRVKTMTDMFLLNLAIADLLFLVTLPFWAIAAADQWKFQTFMCKVVNSMYKMNFYS
CVLLIMCISVDRYIAIAQAMRAHTWREKRLLYSKMVCFTIWVLAAALCIPEILYSQIKEE
SGIAICTMVYPSDESTKLKSAVLTLKVILGFFLPFVVMACCYTIIIHTLIQAKKSSKHKA
LKVTITVLTVFVLSQFPYNCILLVQTIDAYAMFISNCAVSTNIDICFQVTQTIAFFHSCL
NPVLYVFVGERFRRDLVKTLKNLGCISQAQWVSFTRREGSLKLSSMLLETTSGALSL

>sp|Q9WUT7|CKR9_MOUSE C-C chemokine receptor type 9 (C-C CKR-9) (CC-CKR-9) (CCR-9) (Chemokine C-C receptor 10) - Mus musculus (Mouse).
MMPTELTSLIPGMFDDFSYDSTASTDDYMNLNFSSFFCKKNNVRQFASHFLPPLYWLVFI
VGTLGNSLVILVYWYCTRVKTMTDMFLLNLAIADLLFLATLPFWAIAAAGQWMFQTFMCK
VVNSMYKMNFYSCVLLIMCISVDRYIAIVQAMKAQVWRQKRLLYSKMVCITIWVMAAVLC
TPEILYSQVSGESGIATCTMVYPKDKNAKLKSAVLILKVTLGFFLPFMVMAFCYTIIIHT
LVQAKKSSKHKALKVTITVLTVFIMSQFPYNSILVVQAVDAYAMFISNCTISTNIDICFQ
VTQTIAFFHSCLNPVLYVFVGERFRRDLVKTLKNLGCISQAQWVSFTRREGSLKLSSMLL
ETTSGALSL

>sp|O54689|CKR6_MOUSE C-C chemokine receptor type 6 (C-C CKR-6) (CC-CKR-6) (CCR-6) (KY411) - Mus musculus (Mouse).
MNSTESYFGTDDYDNTEYYSIPPDHGPCSLEEVRNFTKVFVPIAYSLICVFGLLGNIMVV
MTFAFYKKARSMTDVYLLNMAITDILFVLTLPFWAVTHATNTWVFSDALCKLMKGTYAVN
FNCGMLLLACISMDRYIAIVQATKSFRVRSRTLTHSKVICVAVWFISIIISSPTFIFNKK
YELQDRDVCEPRYRSVSEPITWKLLGMGLELFFGFFTPLLFMVFCYLFIIKTLVQAQNSK
RHRAIRVVIAVVLVFLACQIPHNMVLLVTAVNTGKVGRSCSTEKVLAYTRNVAEVLAFLH
CCLNPVLYAFIGQKFRNYFMKIMKDVWCMRRKNKMPGFLCARVYSESYISRQTSETVEND
NASSFTM

>sp|P51684|CKR6_HUMAN C-C chemokine receptor type 6 (C-C CKR-6) (CC-CKR-6) (CCR-6) (LARC receptor) (GPR-CY4) (GPRCY4) (Chemokine receptor-like 3) (CKR-L3) (DRY6) - Homo sapiens (Human).
MSGESMNFSDVFDSSEDYFVSVNTSYYSVDSEMLLCSLQEVRQFSRLFVPIAYSLICVFG
LLGNILVVITFAFYKKARSMTDVYLLNMAIADILFVLTLPFWAVSHATGAWVFSNATCKL
LKGIYAINFNCGMLLLTCISMDRYIAIVQATKSFRLRSRTLPRSKIICLVVWGLSVIISS
STFVFNQKYNTQGSDVCEPKYQTVSEPIRWKLLMLGLELLFGFFIPLMFMIFCYTFIVKT
LVQAQNSKRHKAIRVIIAVVLVFLACQIPHNMVLLVTAANLGKMNRSCQSEKLIGYTKTV
TEVLAFLHCCLNPVLYAFIGQKFRNYFLKILKDLWCVRRKYKSSGFSCAGRYSENISRQT
SETADNDNASSFTM

>sp|P32248|CKR7_HUMAN C-C chemokine receptor type 7 precursor (C-C CKR-7) (CC-CKR-7) (CCR-7) (MIP-3 beta receptor) (EBV-induced G protein-coupled receptor 1) (EBI1) (BLR2) - Homo sapiens (Human).
MDLGKPMKSVLVVALLVIFQVCLCQDEVTDDYIGDNTTVDYTLFESLCSKKDVRNFKAWF
LPIMYSIICFVGLLGNGLVVLTYIYFKRLKTMTDTYLLNLAVADILFLLTLPFWAYSAAK
SWVFGVHFCKLIFAIYKMSFFSGMLLLLCISIDRYVAIVQAVSAHRHRARVLLISKLSCV
GIWILATVLSIPELLYSDLQRSSSEQAMRCSLITEHVEAFITIQVAQMVIGFLVPLLAMS

FCYLVIIRTLLQARNFERNKAIKVIIAVVVVFIVFQLPYNGVVLAQTVANFNITSSTCEL
SKQLNIAYDVTYSLACVRCCVNPFLYAFIGVKFRNDLFKLFKDLGCLSQEQLRQWSSCRH
IRRSSMSVEAETTTTFSP

>sp|P47774|CKR7_MOUSE C-C chemokine receptor type 7 precursor (C-C CKR-7) (CC-CKR-7) (CCR-7) (MIP-3 beta receptor) (EBV-induced G protein-coupled receptor 1) (EBI1) - Mus musculus (Mouse).
MDPGKPRKNVLVVALLVIFQVCFCQDEVTDDYIGENTTVDYTLYESVCFKKDVRNFKAWF
LPLMYSVICFVGLLGNGLVILTYIYFKRLKTMTDTYLLNLAVADILFLLILPFWAYSEAK
SWIFGVYLCKGIFGIYKLSFFSGMLLLLCISIDRYVAIVQAVSRHRHRARVLLISKLSCV
GIWMLALFLSIPELLYSGLQKNSGEDTLRCSLVSAQVEALITIQVAQMVFGFLVPMLAMS
FCYLIIIRTLLQARNFERNKAIKVIIAVVVVFIVFQLPYNGVVLAQTVANFNITNSSCET
SKQLNIAYDVTYSLASVRCCVNPFLYAFIGVKFRSDLFKLFKDLGCLSQERLRHWSSCRH
VRNASVSMEAETTTTFSP

>sp|O08707|CKD6_MOUSE Chemokine binding protein 2 (Chemokine-binding protein D6) (C-C chemokine receptor D6) - Mus musculus (Mouse).
MPTVASPLPLTTVGSENSSSIYDYDYLDDMTILVCRKDEVLSFGRVFLPVVYSLIFVLGL
AGNLLLLVVLLHSAPRRRTMELYLLNLAVSNLLFVVTMPFWAISVAWHWVFGSFLCKVIS
TLYSINFYCGIFFITCMSLDKYLEIVHAQPLHRPKAQFRNLLLIVMVWITSLAISVPEMV
FVQIHQTLDGVWHCYADFGGHATIWKLYLRFQLNLLGFLLPLLAMIFFYSRIGCVLVRLR
PPGQGRALRMAAALVIVFFMLWFPYYLTLFLHSLLDLHVFGNCEISHRLDYTLQVTESLA
FSHCCFTPVLYAFCSHRFRRYLKAFLSVMLRWHQAPGTPSSNHSESSRVTAQEDVVSMND
LGERQSEDSLNKGEMGNT

>sp|O09027|CKD6_RAT Chemokine binding protein 2 (Chemokine-binding protein D6) (C-C chemokine receptor D6) (CCR10-related receptor) - Rattus norvegicus (Rat).
MPTIASPLPLATTGPENGSSIYDYDYLDDVTVLVCSKDEVLSFGRVFLPVVYSLIFVLGL
AGNLLLLVVLLHSVPQRRRMIELYLLNLAVSNLLFVVTMPFWAISVAWHWVFGSFLCKVV
STLYSINFYCGIFFITCMSLDKYLEIVHAQPLHRPKTRFRNLLLIVMVWITALAVSVPEM
VFVKVHQTLDGVWHCYADFGGHATIWKLYLRFQMNLLGFLFPLLAMIFFYSRIGCVLVRL
RPPGQGRALRMAAALVVVFFLLWFPYNLTLFLHSLLDLHVFGNCKISHRLDYMLQVTESL
AFSHCCFTPVLYAFSSHSFRQYLKAVLSVVLRRHQAPGTAHAPPCSHSESSRVTAQEDVV
SMNDLGERQADISLNKGEIGNN

>sp|O88410|CCR3_MOUSE C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) - Mus musculus (Mouse).
MYLEVSERQVLDASDFAFLLENSTSPYDYGENESDFSDSPPCPQDFSLNFDRTFLPALYS
LLFLLGLLGNGAVAAVLLSQRTALSSTDTFLLHLAVADVLLVLTLPLWAVDAAVQWVFGP
GLCKVAGALFNINFYAGAFLLACISFDRYLSIVHATQIYRRDPRVRVALTCIVVWGLCLL
FALPDFIYLSANYDQRLNATHCQYNFPQVGRTALRVLQLVAGFLLPLLVMAYCYAHILAV
LLVSRGQRRFRAMRLVVVVVAAFAVCWTPYHLVVLVDILMDVGVLARNCGRKSHVDVAKS
VTSGMGYMHCCLNPLLYAFVGVKFREKMWMLFTRLGRSDQRGPQRQPSSSRRESSWSETT
EASYLGL

>sp|Q9R0M1|CXC1_MOUSE Chemokine XC receptor 1 (XC chemokine receptor 1) (Lymphotactin receptor) (SCM1 receptor) (mXCR1) - Mus musculus (Mouse).
MESSTAFYDYHDKLSLLCENNVIFFSTISTIVLYSLVFLLSLVGNSLVLWVLVKYENLES
LTNIFILNLCLSDLMFSCLLPVLISAQWSWFLGDFFCKFFNMIFGISLYSSIFFLTIMTI
HRYLSVVSPISTLGIHTLRCRVLVTSCVWAASILFSIPDAVFHKVISLNCKYSEHHGFLA
SVYQHNIFFLLSMGIILFCYVQILRTLFRTRSRQRHRTVRLIFTVVVAYFLSWAPYNLTL
FLKTGIIQQSCESLQQLDIAMIICRHLAFSHCCFNPVLYVFVGIKFRRHLKHLFQQVWLC
RKTSSTVPCSPGTFTYEGPSFY

>sp|P46094|CXC1_HUMAN Chemokine XC receptor 1 (XC chemokine receptor 1) (Lymphotactin receptor) (G protein-coupled receptor 5) - Homo sapiens (Human).
MESSGNPESTTFFYYDLQSQPCENQAWVFATLATTVLYCLVFLLSLVGNSLVLWVLVKYE
SLESLTNIFILNLCLSDLVFACLLPVWISPYHWGWVLGDFLCKLLNMIFSISLYSSIFFL
TIMTIHRYLSVVSPLSTLRVPTLRCRVLVTMAVWVASILSSILDTIFHKVLSSGCDYSEL
TWYLTSVYQHNLFFLLSLGIILFCYVEILRTLFRSRSKRRHRTVKLIFAIVVAYFLSWGP
YNFTLFLQTLFRTQIIRSCEAKQQLEYALLICRNLAFSHCCFNPVLYVFVGVKFRTHLKH
VLRQFWFCRLQAPSPASIPHSPGAFAYEGASFY

>sp|P61073|CCR4_HUMAN C-X-C chemokine receptor type 4 (CXC-R4) (CXCR-4) (Stromal cell- derived factor 1 receptor) (SDF-1 receptor) (Fusin) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) (LCR1) (FB22) (NPYRL) (HM89) (CD184 antigen) - Homo
MEGISIYTSDNYTEEMGSGDYDSMKEPCFREENANFNKIFLPTIYSIIFLTGIVGNGLVI
LVMGYQKKLRSMTDKYRLHLSVADLLFVITLPFWAVDAVANWYFGNFLCKAVHVIYTVNL
YSSVLILAFISLDRYLAIVHATNSQRPRKLLAEKVVYVGVWIPALLLTIPDFIFANVSEA
DDRYICDRFYPNDLWVVVFQFQHIMVGLILPGIVILSCYCIIISKLSHSKGHQKRKALKT
TVILILAFFACWLPYYIGISIDSFILLEIIKQGCEFENTVHKWISITEALAFFHCCLNPI
LYAFLGAKFKTSAQHALTSVSRGSSLKILSKGKRGGHSSVSTESESSSFHSS

>sp|O08565|CCR4_RAT C-X-C chemokine receptor type 4 (CXC-R4) (CXCR-4) (Stromal cell- derived factor 1 receptor) (SDF-1 receptor) (Fusin) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) - Rattus norvegicus (Rat).
MEIYTSDNYSEEVGSGDYDSNKEPCFRDENENFNRIFLPTIYFIIFLTGIVGNGLVILVM
GYQKKLRSMTDKYRLHLSVADLLFVITLPFWAVDAMADWYFGKFLCKAVHIIYTVNLYSS
VLILAFISLDRYLAIVHATNSQSARKLLAEKAVYVGVWIPALLLTIPDIIFADVSQGDGR
YICDRLYPDSLWMVVFQFQHIMVGLILPGIVILSCYCIIISKLSHSKGHQKRKALKTTVI
LILAFFACWLPYYVGISIDSFILLEVIKQGCEFESVVHKWISITEALAFFHCCLNPILYA
FLGAKFKSSAQHALNSMSRGSSLKILSKGKRGGHSSVSTESESSSFHSS

>sp|P49682|CCR3_HUMAN C-X-C chemokine receptor type 3 (CXC-R3) (CXCR-3) (CKR-L2) (CD183 antigen) - Homo sapiens (Human).
MVLEVSDHQVLNDAEVAALLENFSSSYDYGENESDSCCTSPPCPQDFSLNFDRAFLPALY
SLLFLLGLLGNGAVAAVLLSRRTALSSTDTFLLHLAVADTLLVLTLPLWAVDAAVQWVFG
SGLCKVAGALFNINFYAGALLLACISFDRYLNIVHATQLYRRGPPARVTLTCLAVWGLCL
LFALPDFIFLSAHHDERLNATHCQYNFPQVGRTALRVLQLVAGFLLPLLVMAYCYAHILA
VLLVSRGQRRLRAMRLVVVVVVAFALCWTPYHLVVLVDILMDLGALARNCGRESRVDVAK
SVTSGLGYMHCCLNPLLYAFVGVKFRERMWMLLLRLGCPNQRGLQRQPSSSRRDSSWSET
SEASYSGL

>sp|P25095|AG2R_RAT Type-1 angiotensin II receptor (AT1) (AT1A) - Rattus norvegicus (Rat).
MALNSSAEDGIKRIQDDCPKAGRHSYIFVMIPTLYSIIFVVGIFGNSLVVIVIYFYMKLK
TVASVFLLNLALADLCFLLTLPLWAVYTAMEYRWPFGNHLCKIASASVSFNLYASVFLLT
CLSIDRYLAIVHPMKSRLRRTMLVAKVTCIIIWLMAGLASLPAVIHRNVYFIENTNITVC
AFHYESRNSTLPIGLGLTKNILGFLFPFLIILTSYTLIWKALKKAYEIQKNKPRNDDIFR
IIMAIVLFFFFSWVPHQIFTFLDVLIQLGVIHDCKISDIVDTAMPITICIAYFNNCLNPL
FYGFLGKKFKKYFLQLLKYIPPKAKSHSSLSTKMSTLSYRPSDNMSSSAKKPASCFEVE

>sp|P29755|AG2S_MOUSE Type-1B angiotensin II receptor (AT1B) (AT3) - Mus musculus (Mouse).
MILNSSIEDGIKRIQDDCPKAGRHNYIFVMIPTLYSIIFVVGIFGNSLVVIVIYFYMKLK
TVASVFLLNLALADLCFLLTLPLWAVYTAMEYQWPFGNHLCKIASASVSFNLYASVFLLT
CLSIDRYLAIVHPMKSRLRRTMLVAKVTCIIIWLMAGLASLPAVIHRNVYFIENTNITVC
AFHYESQNSTLPIGLGLTKNILGFVFPFVIILTSYTLIWKALKKAYKIQKNTPRNDDIFR

IIMAIVLFFFFSWVPHQIFSFLDVLIQLGVIHDCEIADVVDTAMPITICIAYFNNCLNPL
FYGFLGKKFKRYFLQLLKYIPPKARSHAGLSTKMSTLSYRPSDNMSSSARKSAYCFEVE

>sp|P29089|AG2S_RAT Type-1B angiotensin II receptor (AT1B) (AT3) - Rattus norvegicus (Rat).
MTLNSSTEDGIKRIQDDCPKAGRHNYIFVMIPTLYSIIFVVGIFGNSLVVIVIYFYMKLK
TVASVFLLNLALADLCFLLTLPLWAVYTAMEYRWPFGNHLCKIASASVSFNLYASVFLLT
CLSIDRYLAIVHPMKSRLRRTMLVAKVTCIIIWLMAGLASLPAVIYRNVYFIENTNITVC
AFHYESQNSTLPIGLGLTKNILGFVFPFLIILTSYTLIWKALKKAYKIQKNTPRNDDIFR
IIMAIVLFFFFSWVPHQIFTFLDVLIQLGIIRDCEIADIVDTAMPITICIAYFNNCLNPL
FYGFLGKKFKKYFLQLLKYIPPTAKSHAGLSTKMSTLSYRPSDNMSSSAKKSASFFEVE

>sp|P29754|AG2R_MOUSE Type-1 angiotensin II receptor (AT1) (AT1A) - Mus musculus (Mouse).
MALNSSTEDGIKRIQDDCPRAGRHSYIFVMIPTLYSIIFVVGIFGNSLVVIVIYFYMKLK
TVASVFLLNLALADLCFLLTLPLWAVYTAMEYRWPFGNHLCKIASASVSFNLYASVFLLT
CLSIDRYLAIVHPMKSRLRRTMLVAKVTCIIIWLMAGLASLPAVIHRNVYFIENTNITVC
AFHYESRNSTLPIGLGLTKNILGFLFPFLIILTSYTLIWKALKKAYEIQKNKPRNDDIFR
IIMAIVLFFFFSWVPHQIFTFLDVLIQLGVIHDCKIADIVDTAMPITICIAYFNNCLNPL
FYGFLGKKFKKYFLQLLKYIPPKAKSHSSLSTKMSTLSYRPSDNMSSAAKKPASCSEVE

>sp|P35351|AG22_RAT Type-2 angiotensin II receptor (AT2) - Rattus norvegicus (Rat).
MKDNFSFAATSRNITSSLPFDNLNATGTNESAFNCSHKPADKHLEAIPVLYYMIFVIGFA
VNIVVVSLFCCQKGPKKVSSIYIFNLAVADLLLLATLPLWATYYSYRYDWLFGPVMCKVF
GSFLTLNMFASIFFITCMSVDRYQSVIYPFLSQRRNPWQASYVVPLVWCMACLSSLPTFY
FRDVRTIEYLGVNACIMAFPPEKYAQWSAGIALMKNILGFIIPLIFIATCYFGIRKHLLK
TNSYGKNRITRDQVLKMAAAVVLAFIICWLPFHVLTFLDALTWMGIINSCEVIAVIDLAL
PFAILLGFTNSCVNPFLYCFVGNRFQQKLRSVFRVPITWLQGKRETMSCRKSSSLREMDT
FVS

>sp|P35374|AG22_MOUSE Type-2 angiotensin II receptor (AT2) - Mus musculus (Mouse).
MKDNFSFAATSRNITSSRPFDNLNATGTNESAFNCSHKPSDKHLEAIPVLYYMIFVIGFA
VNIVVVSLFCCQKGPKKVSSIYIFNLALADLLLLATLPLWATYYSYRYDWLFGPVMCKVF
GSFLTLNMFASIFFITCMSVDRYQSVIYPFLSQRRNPWQASYVVPLVWCMACLSSLPTFY
FRDVRTIEYLGVNACIMAFPPEKYAQWSAGIALMKNILGFIIPLIFIATCYFGIRKHLLK
TNSYGKNRITRDQVLKMAAAVVLAFIICWLPFHVLTFLDALTWMGIINSCEVIAVIDLAL
PFAILLGFTNSCVNPFLYCFVGNRFQQKLRSVFRVPITWLQGKRETMSCRKGSSLREMDT
FVS

>sp|P50052|AG22_HUMAN Type-2 angiotensin II receptor (AT2) - Homo sapiens (Human).
MKGNSTLATTSKNITSGLHFGLVNISGNNESTLNCSQKPSDKHLDAIPILYYIIFVIGFL
VNIVVVTLFCCQKGPKKVSSIYIFNLAVADLLLLATLPLWATYYSYRYDWLFGPVMCKVF
GSFLTLNMFASIFFITCMSVDRYQSVIYPFLSQRRNPWQASYIVPLVWCMACLSSLPTFY
FRDVRTIEYLGVNACIMAFPPEKYAQWSAGIALMKNILGFIIPLIFIATCYFGIRKHLLK
TNSYGKNRITRDQVLKMAAAVVLAFIICWLPFHVLTFLDALAWMGVINSCEVIAVIDLAL
PFAILLGFTNSCVNPFLYCFVGNRFQQKLRSVFRVPITWLQGKRESMSCRKSSSLREMET
FVS

>sp|P70658|CCR4_MOUSE C-X-C chemokine receptor type 4 (CXC-R4) (CXCR-4) (Stromal cell- derived factor 1 receptor) (SDF-1 receptor) (Fusin) (Leukocyte-derived seven transmembrane domain receptor) (LESTR) (Pre-B-cell-derived chemokine receptor) (PB-CKR) - M
MEPISVSIYTSDNYSEEVGSGDYDSNKEPCFRDENVHFNRIFLPTIYFIIFLTGIVGNGL
VILVMGYQKKLRSMTDKYRLHLSVADLLFVITLPFWAVDAMADWYFGKFLCKAVHIIYTV

NLYSSVLILAFISLDRYLAIVHATNSQRPRKLLAEKAVYVGVWIPALLLTIPDFIFADVS
QGDISQGDDRYICDRLYPDSLWMVVFQFQHIMVGLILPGIVILSCYCIIISKLSHSKGHQ
KRKALKTTVILILAFFACWLPYYVGISIDSFILLGVIKQGCDFESIVHKWISITEALAFF
HCCLNPILYAFLGAKFKSSAQHALNSMSRGSSLKILSKGKRGGHSSVSTESESSSFHSS

>sp|P30556|AG2R_HUMAN Type-1 angiotensin II receptor (AT1) (AT1AR) - Homo sapiens (Human).
MILNSSTEDGIKRIQDDCPKAGRHNYIFVMIPTLYSIIFVVGIFGNSLVVIVIYFYMKLK
TVASVFLLNLALADLCFLLTLPLWAVYTAMEYRWPFGNYLCKIASASVSFNLYASVFLLT
CLSIDRYLAIVHPMKSRLRRTMLVAKVTCIIIWLLAGLASLPAIIHRNVFFIENTNITVC
AFHYESQNSTLPIGLGLTKNILGFLFPFLIILTSYTLIWKALKKAYEIQKNKPRNDDIFK
IIMAIVLFFFFSWIPHQIFTFLDVLIQLGIIRDCRIADIVDTAMPITICIAYFNNCLNPL
FYGFLGKKFKRYFLQLLKYIPPKAKSHSNLSTKMSTLSYRPSDNVSSSTKKPAPCFEVE

>sp|Q04683|CCR5_MOUSE C-X-C chemokine receptor type 5 (CXC-R5) (CXCR-5) (Burkitt'S lymphoma receptor 1 homolog) - Mus musculus (Mouse).
MNYPLTLDMGSITYNMDDLYKELAFYSNSTEIPLQDSNFCSTVEGPLLTSFKAVFMPVAY
SLIFLLGMMGNILVLVILERHRHTRSSTETFLFHLAVADLLLVFILPFAVAEGSVGWVLG
TFLCKTVIALHKINFYCSSLLVACIAVDRYLAIVHAVHAYRRRRLLSIHITCTAIWLAGF
LFALPELLFAKVGQPHNNDSLPQCTFSQENEAETRAWFTSRFLYHIGGFLLPMLVMGWCY
VGVVHRLLQAQRRPQRQKAVRVAILVTSIFFLCWSPYHIVIFLDTLERLKAVNSSCELSG
YLSVAITLCEFLGLAHCCLNPMLYTFAGVKFRSDLSRLLTKLGCAGPASLCQLFPNWRKS
SLSESENATSLTTF

>sp|O00574|CCR6_HUMAN C-X-C chemokine receptor type 6 (CXC-R6) (CXCR-6) (G protein-coupled receptor bonzo) (G protein-coupled receptor STRL33) - Homo sapiens (Human).
MAEHDYHEDYGFSSFNDSSQEEHQDFLQFSKVFLPCMYLVVFVCGLVGNSLVLVISIFYH
KLQSLTDVFLVNLPLADLVFVCTLPFWAYAGIHEWVFGQVMCKSLLGIYTINFYTSMLIL
TCITVDRFIVVVKATKAYNQQAKRMTWGKVTSLLIWVISLLVSLPQIIYGNVFNLDKLIC
GYHDEAISTVVLATQMTLGFFLPLLTMIVCYSVIIKTLLHAGGFQKHRSLKIIFLVMAVF
LLTQMPFNLMKFIRSTHWEYYAMTSFHYTIMVTEAIAYLRACLNPVLYAFVSLKFRKNFW
KLVKDIGCLPYLGVSHQWKSSEDNSKTFSASHNVEATSMFQL

>sp|P34997|CCR5_RAT C-X-C chemokine receptor type 5 (CXC-R5) (CXCR-5) (Burkitt'S lymphoma receptor 1 homolog) (Neurolymphatic receptor) (NLR) - Rattus norvegicus (Rat).
MNSPISLDMGAITYNMDDLYKELAIYSNSTEIPLQDSIFCSTEEGPLLTSFKTIFMPVAY
SLIFLLGMMGNILVLVILERHRHTRSSTETFLFHLAVADLLLVFILPFAVAEGSVGWVLG
TFLCKTVIALHKINFYCSSLLLACIAVDRYLAIVHAVHAYRRRRLLSIHITCSTIWLAGF
LFALPELLFAKVVQPHNNESLPQCIFSQENEAETRAWFASRFLYHTGGFLLPMLVMAWCY
VGVVHRLLQAQRRPQRQKAVRVAILVTSIFLLCWSPYHIVIFLDTLERLKAVNSSCELSG
YLSVAITLCEFLGLAHCCLNPMLYTFAGVKFRSDLSRLLTKLGCAGPASLCQLFPGWRKS
SLSESENATSLTTF

>sp|P32250|P2Y5_CHICK P2Y purinoceptor 5 (P2Y5) (Purinergic receptor 5) (6H1) - Gallus gallus (Chicken).
MVSSNCSTEDSFKYTLYGCVFSMVFVLGLIANCVAIYIFTFTLKVRNETTTYMLNLAISD
LLFVFTLPFRIYYFVVRNWPFGDVLCKISVTLFYTNMYGSILFLTCISVDRFLAIVHPFR
SKTLRTKRNARIVCVAVWITVLAGSTPASFFQSTNRQNNTEQRTCFENFPESTWKTYLSR
IVIFIEIVGFFIPLILNVTCSTMVLRTLNKPLTLSRNKLSKKKVLKMIFVHLVIFCFCFV
PYNITLILYSLMRTQTWINCSVVTAVRTMYPVTLCIAVSNCCFDPIVYYFTSDTNSELDK
KQQVHQNT

>sp|P25023|BRB2_RAT B2 bradykinin receptor (BK-2 receptor) (B2R) - Rattus norvegicus (Rat).
MDTRSSLCPKTQAVVAVFWGPGCHLSTCIEMFNITTQALGSAHNGTFSEVNCPDTEWWSW

LNAIQAPFLWVLFLLAALENIFVLSVFCLHKTNCTVAEIYLGNLAAADLILACGLPFWAI
TIANNFDWLFGEVLCRVVNTMIYMNLYSSICFLMLVSIDRYLALVKTMSMGRMRGVRWAK
LYSLVIWSCTLLLSSPMLVFRTMKDYREEGHNVTACVIVYPSRSWEVFTNMLLNLVGFLL
PLSIITFCTVRIMQVLRNNEMKKFKEVQTEKKATVLVLAVLGLFVLCWFPFQISTFLDTL
LRLGVLSGCWNERAVDIVTQISSYVAYSNSCLNPLVYVIVGKRFRKKSREVYQAICRKGG
CMGESVQMENSMGTLRTSISVDRQIHKLQDWAGNKQ

>sp|P32299|BRB2_MOUSE B2 bradykinin receptor (BK-2 receptor) (B2R) - Mus musculus (Mouse).
MPCSWKLLGFLSVHEPMPTAASFGIEMFNVTTQVLGSALNGTLSKDNCPDTEWWSWLNAI
QAPFLWVLFLLAALENLFVLSVFFLHKNSCTVAEIYLGNLAAADLILACGLPFWAITIAN
NFDWVFGEVLCRVVNTMIYMNLYSSICFLMLVSIDRYLALVKTMSMGRMRGVRWAKLYSL
VIWGCTLLLSSPMLVFRTMREYSEEGHNVTACVIVYPSRSWEVFTNVLLNLVGFLLPLSV
ITFCTVRILQVLRNNEMKKFKEVQTERKATVLVLAVLGLFVLCWVPFQISTFLDTLLRLG
VLSGCWDEHAVDVITQISSYVAYSNSGLNPLVYVIVGKRFRKKSREVYRVLCQKGGCMGE
PVQMENSMGTLRTSISVERQIHKLQDWAGKKQ

>sp|Q9JL21|CKRA_MOUSE C-C chemokine receptor type 10 (C-C CKR-10) (CC-CKR-10) (CCR-10) (Chemokine C-C receptor 9) (G-protein coupled receptor 2) - Mus musculus (Mouse).
MGTKPTEQVSWGLYSGYDEEAYSVGPLPELCYKADVQAFSRAFQPSVSLMVAVLGLAGNG
LVLATHLAARRTTRSPTSVHLLQLALADLLLALTLPFAAAGALQGWNLGSTTCRAISGLY
SASFHAGFLFLACINADRYVAIARALPAGQRPSTPSRAHLVSVFVWLLSLFLALPALLFS
RDGPREGQRRCRLIFPESLTQTVKGASAVAQVVLGFALPLGVMAACYALLGRTLLAARGP
ERRRALRVVVALVVAFVVLQLPYSLALLLDTADLLAARERSCSSSKRKDLALLVTGGLTL
VRCSLNPVLYAFLGLRFRRDLRRLLQGGGCSPKPNPRGRCPRRLRLSSCSAPTETHSLSW
DN

>sp|P32302|CCR5_HUMAN C-X-C chemokine receptor type 5 (CXC-R5) (CXCR-5) (Burkitt'S lymphoma receptor 1) (Monocyte-derived receptor 15) (MDR15) - Homo sapiens (Human).
MNYPLTLEMDLENLEDLFWELDRLDNYNDTSLVENHLCPATEGPLMASFKAVFVPVAYSL
IFLLGVIGNVLVLVILERHRQTRSSTETFLFHLAVADLLLVFILPFAVAEGSVGWVLGTF
LCKTVIALHKVNFYCSSLLLACIAVDRYLAIVHAVHAYRHRRLLSIHITCGTIWLVGFLL
ALPEILFAKVSQGHHNNSLPRCTFSQENQAETHAWFTSRFLYHVAGFLLPMLVMGWCYVG
VVHRLRQAQRRPQRQKAVRVAILVTSIFFLCWSPYHIVIFLDTLARLKAVDNTCKLNGSL
PVAITMCEFLGLAHCCLNPMLYTFAGVKFRSDLSRLLTKLGCTGPASLCQLFPSWRRSSL
SESENATSLTTF

>sp|Q8BMC0|P2Y5_MOUSE P2Y purinoceptor 5 (P2Y5) (Purinergic receptor 5) - Mus musculus (Mouse).
MVSSNGSQCPYDDSFKYTLYGCMFSMVFVLGLISNCVAIYIFICALKVRNETTTYMINLA
MSDLLFVFTLPFRIFYFATRNWPFGDLLCKISVMLFYTNMYGSILFLTCISVDRFLAIVY
PFKSKTLRTKRNAKIVCIAVWFTVMGGSAPAVFFQSTHSQGNNTSEACFENFPAATWKTY
LSRIVIFIEIVGFFIPLILNVTCSSMVLRTLNKPVTLSRSKMNKTKVLKMIFVHLVIFCF
CFVPYNINLILYSLMRTQTFVNCSVVAAVRTMYPITLCIAVSNCCFDPIVYYFTSDTIQN
SIKMKNWSVRRSDSRFSEVQGTENFIQHNLQTLKNKIFDNESAI

>sp|P30411|BRB2_HUMAN B2 bradykinin receptor (BK-2 receptor) (B2R) - Homo sapiens (Human).
MFSPWKISMFLSVREDSVPTTASFSADMLNVTLQGPTLNGTFAQSKCPQVEWLGWLNTIQ
PPFLWVLFVLATLENIFVLSVFCLHKSSCTVAEIYLGNLAAADLILACGLPFWAITISNN
FDWLFGETLCRVVNAIISMNLYSSICFLMLVSIDRYLALVKTMSMGRMRGVRWAKLYSLV
IWGCTLLLSSPMLVFRTMKEYSDEGHNVTACVISYPSLIWEVFTNMLLNVVGFLLPLSVI
TFCTMQIMQVLRNNEMQKFKEIQTERRATVLVLVVLLLFIICWLPFQISTFLDTLHRLGI
LSSCQDERIIDVITQIASFMAYSNSCLNPLVYVIVGKRFRKKSWEVYQGVCQKGGCRSEP
IQMENSMGTLRTSISVERQIHKLQDWAGSRQ

>sp|P33396|AG2R_MELGA Type-1 angiotensin II receptor (AT1) - Meleagris gallopavo (Common turkey).
MVPNYSTEETVKRIHVDCPVSGRHSYIYIMVPTVYSIIFIIGIFGNSLVVIVIYCYMKLK
TVASIFLLNLALADLCFLITLPLWAAYTAMEYQWPFGNCLCKLASAGISFNLYASVFLLT
CLSIDRYLAIVHPVKSRIRRTMFVARVTCIVIWLLAGVASLPVIIHRNIFFAENLNMTVC
GFRYDNNNTTLRVGLGLSKNLLGFLIPFLIILTSYTLIWKTLKKAYQIQRNKTRNDDIFK
MIVAIVFFFFSWIPHQVFTFLDVLIQLHVITDCKITDIVDTAMPFTICIAYFNNCLNPF
FYVFFGKNFKKYFLQLIKYIPPNVSTHPSLTTKMSSLSYRPPENIRLPTKKTAGSFDTE

>sp|P43657|P2Y5_HUMAN P2Y purinoceptor 5 (P2Y5) (Purinergic receptor 5) (RB intron encoded G-protein coupled receptor) - Homo sapiens (Human).
MVSVNSSHCFYNDSFKYTLYGCMFSMVFVLGLISNCVAIYIFICVLKVRNETTTYMINLA
MSDLLFVFTLPFRIFYFTTRNWPFGDLLCKISVMLFYTNMYGSILFLTCISVDRFLAIVY
PFKSKTLRTKRNAKIVCTGVWLTVIGGSAPAVFVQSTHSQGNNASEACFENFPEATWKTY
LSRIVIFIEIVGFFIPLILNVTCSSMVLKTLTKPVTLSRSKINKTKVLKMIFVHLIIFCF
CFVPYNINLILYSLVRTQTFVNCSVVAAVRTMYPITLCIAVSNCCFDPIVYYFTSDTIQN
SIKMKNWSVRRSDFRFSEVHGAENFIQHNLQTLKSKIFDNESAA

>sp|P46093|GPR4_HUMAN Probable G protein-coupled receptor GPR4 (GPR19) - Homo sapiens (Human).
MGNHTWEGCHVDSRVDHLFPPSLYIFVIGVGLPTNCLALWAAYRQVQQRNELGVYLMNLS
IADLLYICTLPLWVDYFLHHDNWIHGPGSCKLFGFIFYTNIYISIAFLCCISVDRYLAVA
HPLRFARLRRVKTAVAVSSVVWATELGANSAPLFHDELFRDRYNHTFCFEKFPMEGWVAW
MNLYRVFVGFLFPWALMLLSYRGILRAVRGSVSTERQEKAKIKRLALSLIAIVLVCFAPY
HVLLLSRSAIYLGRPWDCGFEERVFSAYHSSLAFTSLNCVADPILYCLVNEGARSDVAKA
LHNLLRFLASDKPQEMANASLTLETPLTSKRNSTAKAMTGSWAATPPSQGDQVQLKMLPP
AQ

>sp|P35372|OPRM_HUMAN Mu-type opioid receptor (MOR-1) - Homo sapiens (Human).
MDSSAAPTNASNCTDALAYSSCSPAPSPGSWVNLSHLDGNLSDPCGPNRTDLGGRDSLCP
PTGSPSMITAITIMALYSIVCVVGLFGNFLVMYVIVRYTKMKTATNIYIFNLALADALAT
STLPFQSVNYLMGTWPFGTILCKIVISIDYYNMFTSIFTLCTMSVDRYIAVCHPVKALDF
RTPRNAKIINVCNWILSSAIGLPVMFMATTKYRQGSIDCTLTFSHPTWYWENLLKICVFI
FAFIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITRMVLVVVAVFIVCWTPIHI
YVIIKALVTIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREFCIPTSSNI
EQQNSTRIRQNTRDHPSTANTVDRTNHQLENLEAETAPLP

>sp|P33535|OPRM_RAT Mu-type opioid receptor (MOR-1) (Opioid receptor B) (MUOR1) - Rattus norvegicus (Rat).
MDSSTGPGNTSDCSDPLAQASCSPAPGSWLNLSHVDGNQSDPCGLNRTGLGGNDSLCPQT
GSPSMVTAITIMALYSIVCVVGLFGNFLVMYVIVRYTKMKTATNIYIFNLALADALATST
LPFQSVNYLMGTWPFGTILCKIVISIDYYNMFTSIFTLCTMSVDRYIAVCHPVKALDFRT
PRNAKIVNVCNWILSSAIGLPVMFMATTKYRQGSIDCTLTFSHPTWYWENLLKICVFIFA
FIMPVLIITVCYGLMILRLKSVRMLSGSKEKDRNLRRITRMVLVVVAVFIVCWTPIHIYV
IIKALITIPETTFQTVSWHFCIALGYTNSCLNPVLYAFLDENFKRCFREFCIPTSSTIEQ
QNSTRVRQNTREHPSTANTVDRTNHQLENLEAETAPLP

>sp|Q99677|P2Y9_HUMAN P2Y purinoceptor 9 (P2Y9) (Purinergic receptor 9) (G protein-coupled receptor GPR23) (P2Y5-like receptor) - Homo sapiens (Human).
MGDRRFIDFQFQDSNSSLRPRLGNATANNTCIVDDSFKYNLNGAVYSVVFILGLITNSVS
LFVFCFRMKMRSETAIFITNLAVSDLLFVCTLPFKIFYNFNRHWPFGDTLCKISGTAFLT
NIYGSMLFLTCISVDRFLAIVYPFRSRTIRTRRNSAIVCAGVWILVLSGGISASLFSTTN
VNNATTTCFEGFSKRVWKTYLSKITIFIEVVGFIIPLILNVSCSSVVLRTLRKPATLSQI
GTNKKKVLKMITVHMAVFVVCFVPYNSVLFLYALVRSQAITNCFLERFAKIMYPITLCLA
TLNCCFDPFIYYFTLESFQKSFYINAHIRMESLFKTETPLTTKPSLPAIQEEVSDQTTNN

GGELMLESTF

>sp|P33533|OPRD_RAT Delta-type opioid receptor (DOR-1) (Opioid receptor A) - Rattus norvegicus (Rat).
MEPVPSARAELQFSLLANVSDTFPSAFPSASANASGSPGARSASSLALAIAITALYSAVC
AVGLLGNVLVMFGIVRYTKLKTATNIYIFNLALADALATSTLPFQSAKYLMETWPFGELL
CKAVLSIDYYNMFTSIFTLTMMSVDRYIAVCHPVKALDFRTPAKAKLINICIWVLASGVG
VPIMVMAVTQPRDGAVVCTLQFPSPSWYWDTVTKICVFLFAFVVPILIITVCYGLMLLRL
RSVRLLSGSKEKDRSLRRITRMVLVVVGAFVVCWAPIHIFVIVWTLVDINRRDPLVVAAL
HLCIALGYANSSLNPVLYAFLDENFKRCFRQLCRAPCGGQEPGSLRRPRQATARERVTAC
TPSDGPGGGAAA

>sp|P32300|OPRD_MOUSE Delta-type opioid receptor (DOR-1) (K56) (MSL-2) - Mus musculus (Mouse).
MELVPSARAELQSSPLVNLSDAFPSAFPSAGANASGSPGARSASSLALAIAITALYSAVC
AVGLLGNVLVMFGIVRYTKLKTATNIYIFNLALADALATSTLPFQSAKYLMETWPFGELL
CKAVLSIDYYNMFTSIFTLTMMSVDRYIAVCHPVKALDFRTPAKAKLINICIWVLASGVG
VPIMVMAVTQPRDGAVVCMLQFPSPSWYWDTVTKICVFLFAFVVPILIITVCYGLMLLRL
RSVRLLSGSKEKDRSLRRITRMVLVVVGAFVVCWAPIHIFVIVWTLVDINRRDPLVVAAL
HLCIALGYANSSLNPVLYAFLDENFKRCFRQLCRTPCGRQEPGSLRRPRQATTRERVTAC
TPSDGPGGGAAA

>sp|P41143|OPRD_HUMAN Delta-type opioid receptor (DOR-1) - Homo sapiens (Human).
MEPAPSAGAELQPPLFANASDAYPSAFPSAGANASGPPGARSASSLALAIAITALYSAVC
AVGLLGNVLVMFGIVRYTKMKTATNIYIFNLALADALATSTLPFQSAKYLMETWPFGELL
CKAVLSIDYYNMFTSIFTLTMMSVDRYIAVCHPVKALDFRTPAKAKLINICIWVLASGVG
VPIMVMAVTRPRDGAVVCMLQFPSPSWYWDTVTKICVFLFAFVVPILIITVCYGLMLLRL
RSVRLLSGSKEKDRSLRRITRMVLVVVGAFVVCWAPIHIFVIVWTLVDIDRRDPLVVAAL
HLCIALGYANSSLNPVLYAFLDENFKRCFRQLCRKPCGRPDPSSFSRAREATARERVTAC
TPSDGPGGGAAA

>sp|Q99JA4|CLT1_MOUSE Cysteinyl leukotriene receptor 1 (CysLTR1) (Cysteinyl leukotriene D4 receptor) (LTD4 receptor) - Mus musculus (Mouse).
MYLQGTKQTFLENMNGTENLTTSLINNTCHDTIDEFRNQVYSTMYSVISVVGFFGNSFVL
YVLIKTYHEKSAFQVYMINLAIADLLCVCTLPLRVVYYVHKGKWLFGDFLCRLTTYALYV
NLYCSIFFMTAMSFFRCVAIVFPVQNINLVTQKKARFVCIGIWIFVILTSSPFLMYKSYQ
DEKNNTKCFEPPQNNQAKKYVLILHYVSLFFGFIIPFVTIIVCYTMIILTLLKNTMKKNM
PSRRKAIGMIIVVTAAFLVSFMPYHIQRTIHLHLLHSETRPCDSVLRMQKSVVITLSLAA
SNCCFDPLLYFFSGGNFRRRLSTFRKHSLSSMTYVPKKKASLPEKGEEICNE

>sp|P28646|SSR1_RAT Somatostatin receptor type 1 (SS1R) (SRIF-2) - Rattus norvegicus (Rat).
MFPNGTAPSPTSSPSSSPGGCGEGVCSRGPGSGAADGMEEPGRNSSQNGTLSEGQGSAIL
ISFIYSVVCLVGLCGNSMVIYVILRYAKMKTATNIYILNLAIADELLMLSVPFLVTSTLL
RHWPFGALLCRLVLSVDAVNMFTSIYCLTVLSVDRYVAVVHPIKAARYRRPTVAKVVNLG
VWVLSLLVILPIVVFSRTAANSDGTVACNMLMPEPAQRWLVGFVLYTFLMGFLLPVGAIC
LCYVLIIAKMRMVALKAGWQQRKRSERKITLMVMMVVMVFVICWMPFYVVQLVNVFAEQD
DATVSQLSVILGYANSCANPILYGFLSDNFKRSFQRILCLSWMDNAAEEPVDYYATALKS
RAYSVEDFQPENLESGGVFRNGTCASRISTL

>sp|P30873|SSR1_MOUSE Somatostatin receptor type 1 (SS1R) (SRIF-2) - Mus musculus (Mouse).
MFPNGTASSPSSSPSPSPGSCGEGACSRGPGSGAADGMEEPGRNASQNGTLSEGQGSAIL
ISFIYSVVCLVGLCGNSMVIYVILRYAKMKTATNIYILNLAIADELLMLSVPFLVTSTLL
RHWPFGALLCRLVLSVDAVNMFTSIYCLTVLSVDRYVAVVHPIKAARYRRPTVAKVVNLG

VWVLSLLVILPIVVFSRTAANSDGTVACNMLMPEPAQRWLVGFVLYTFLMGFLLPVGAIC
LCYVLIIAKMRMVALKAGWQQRKRSERKITLMVMMVVMVFVICWMPFYVVQLVNVFAEQD
DATVSQLSVILGYANSCANPILYGFLSDNFKRSFQRILCLSWMDNAAEEPVDYYATALKS
RAYSVEDFQPENLESGGVFRNGTCASRISTL

>sp|P30872|SSR1_HUMAN Somatostatin receptor type 1 (SS1R) (SRIF-2) - Homo sapiens (Human).
MFPNGTASSPSSSPSPSPGSCGEGGGSRGPGAGAADGMEEPGRNASQNGTLSEGQGSAIL
ISFIYSVVCLVGLCGNSMVIYVILRYAKMKTATNIYILNLAIADELLMLSVPFLVTSTLL
RHWPFGALLCRLVLSVDAVNMFTSIYCLTVLSVDRYVAVVHPIKAARYRRPTVAKVVNLG
VWVLSLLVILPIVVFSRTAANSDGTVACNMLMPEPAQRWLVGFVLYTFLMGFLLPVGAIC
LCYVLIIAKMRMVALKAGWQQRKRSERKITLMVMMVVMVFVICWMPFYVVQLVNVFAEQD
DATVSQLSVILGYANSCANPILYGFLSDNFKRSFQRILCLSWMDNAAEEPVDYYATALKS
RAYSVEDFQPENLESGGVFRNGTCTSRITTL

>sp|O35811|P2Y4_RAT P2Y purinoceptor 4 (P2Y4) - Rattus norvegicus (Rat).
MTSAESLLFTSLGPSPSSGDGDCRFNEEFKFILLPMSYAVVFVLGLALNAPTLWLFLFRL
RPWDATATYMFHLALSDTLYVLSLPTLVYYYAARNHWPFGTGLCKFVRFLFYWNLYCSVL
FLTCISVHRYLGICHPLRAIRWGRPRFASLLCLGVWLVVAGCLVPNLFFVTTNANGTTIL
CHDTTLPEEFDHYVYFSSAVMVLLFGLPFLITLVCYGLMARRLYRPLPGAGQSSSRLRSL
RTIAVVLTVFAVCFVPFHITRTIYYQARLLQADCHVLNIVNVVYKVTRPLASANSCLDPV
LYLFTGDKYRNQLQQLCRGSKPKPRTAASSLALVTLHEESISRWADTHQDSTFSAYEGDR
L

>sp|P46091|GPR1_HUMAN Probable G protein-coupled receptor GPR1 - Homo sapiens (Human).
MEDLEETLFEEFENYSYDLDYYSLESDLEEKVQLGVVHWVSLVLYCLAFVLGIPGNAIVI
WFTGLKWKKTVTTLWFLNLAIADFIFLLFLPLYISYVAMNFHWPFGIWLCKANSFTAQLN
MFASVFFLTVISLDHYIHLIHPVLSHRHRTLKNSLIVIIFIWLLASLIGGPALYFRDTVE
FNNHTLCYNNFQKHDPDLTLIRHHVLTWVKFIIGYLFPLLTMSICYLCLIFKVKKRTVLI
SSRHFWTILVVVVAFVVCWTPYHLFSIWELTIHHNSYSHHVMQAGIPLSTGLAFLNSCLN
PILYVLISKKFQARFRSSVAEILKYTLWEVSCSGTVSEQLRNSETKNLCLLETAQ

>sp|P30937|SSR4_RAT Somatostatin receptor type 4 (SS4R) - Rattus norvegicus (Rat).
MNTPATLPLGGEDTTWTPGINASWAPDEEEDAVRSDGTGTAGMVTIQCIYALVCLVGLVG
NALVIFVILRYAKMKTATNIYLLNLAVADELFMLSVPFVASAAALRHWPFGAVLCRAVLS
VDGLNMFTSVFCLTVLSVDRYVAVVHPLRAATYRRPSVAKLINLGVWLASLLVTLPIAVF
ADTRPARGGEAVACNLHWPHPAWSAVFVIYTFLLGFLLPVLAIGLCYLLIVGKMRAVALR
AGWQQRRRSEKKITRLVLMVVTVFVLCWMPFYVVQLLNLFVTSLDATVNHVSLILSYANS
CANPILYGFLSDNFRRSFQRVLCLRCCLLETTGGAEEEPLDYYATALKSRGGPGCICPPL
PCQQEPMQAEPACKRVPFTKTTTF

>sp|Q15743|SPR1_HUMAN Sphingosylphosphorylcholine receptor (Ovarian cancer G protein-coupled receptor 1) (OGR-1) (G protein-coupled receptor 68) - Homo sapiens (Human).
MGNITADNSSMSCTIDHTIHQTLAPVVYVTVLVVGFPANCLSLYFGYLQIKARNELGVYL
CNLTVADLFYICSLPFWLQYVLQHDNWSHGDLSCQVCGILLYENIYISVGFLCCISVDRY
LAVAHPFRFHQFRTLKAAVGVSVVIWAKELLTSIYFLMHEEVIEDENQHRVCFEHYPIQA
WQRAINYYRFLVGFLFPICLLLASYQGILRAVRRSHGTQKSRKDQIQRLVLSTVVIFLAC
FLPYHVLLLVRSVWEASCDFAKGVFNAYHFSLLLTSFNCVADPVLYCFVSETTHRDLARL
RGACLAFLTCSRTGRAREAYPLGAPEASGKSGAQGEEPELLTKLHPAFQTPNSPGSGGFP
TGRLA

>sp|Q9JJS7|P2Y4_MOUSE P2Y purinoceptor 4 (P2Y4) - Mus musculus (Mouse).
MTSADSLLFTSLGPSPSSGDGDCKFNEEFKFILLPLSYAVVFVLGLALNAPTLWLFLFRL

RPWDATATYMFHLALSDTLYVLSLPTLVYYYAARNHWPFGTGFCKFVRFLFYWNLYCSVL
FLTCISVHRYMGICHPLRAIRWGRPRFAGLLCLGVWLVVAGCLVPNLFFVTTNANGTTIL
CHDTTLPEEFDHYVYFSSTIMVLLFGFPFLITLVCYGLMARRLYRPLPGAGQSSSRLRSL
RTIAVVLTVFAVCFVPFHITRTIYYLARLLNAECRVLNIVNVVYKVTRPLASANSCLDPV
LYLFTGDKYRNQLQQLCRGSTPKRRTTASSLALVTLHEESISRWADIHQDSIFPAYEGDR
L

>sp|P48146|GPR8_HUMAN Neuropeptides B/W receptor type 2 (G protein-coupled receptor 8) - Homo sapiens (Human).
MQAAGHPEPLDSRGSFSLPTMGANVSQDNGTGHNATFSEPLPFLYVLLPAVYSGICAVGL
TGNTAVILVILRAPKMKTVTNVFILNLAVADGLFTLVLPVNIAEHLLQYWPFGELLCKLV
LAVDHYNIFSSIYFLAVMSVDRYLVVLATVRSRHMPWRTYRGAKVASLCVWLGVTVLVLP
FFSFAGVYSNELQVPSCGLSFPWPERVWFKASRVYTLVLGFVLPVCTICVLYTDLLRRLR
AVRLRSGAKALGKARRKVTVLVLVVLAVCLLCWTPFHLASVVALTTDLPQTPLVISMSYV
ITSLTYANSCLNPFLYAFLDDNFRKNFRSILRC

>sp|P30938|SSR5_RAT Somatostatin receptor type 5 (SS5R) - Rattus norvegicus (Rat).
MEPLSLASTPSWNASAASSGNHNWSLVGSASPMGARAVLVPVLYLLVCTVGLSGNTLVIY
VVLRHAKMKTVTNVYILNLAVADVLFMLGLPFLATQNAVVSYWPFGSFLCRLVMTLDGIN
QFTSIFCLMVMSVDRYLAVVHPLRSARWRRPRVAKMASAAVWVFSLLMSLPLLVFADVQE
GWGTCNLSWPEPVGLWGAAFITYTSVLGFFGPLLVICLCYLLIVVKVKAAGMRVGSSRRR
RSEPKVTRMVVVVVLVFVGCWLPFFIVNIVNLAFTLPEEPTSAGLYFFVVVLSYANSCAN
PLLYGFLSDNFRQSFRKVLCLRRGYGMEDADAIEPRPDKSGRPQATLPTRSCEANGLMQT
SRI

>sp|Q9Y271|CLT1_HUMAN Cysteinyl leukotriene receptor 1 (CysLTR1) (Cysteinyl leukotriene D4 receptor) (LTD4 receptor) (HG55) (HMTMF81) - Homo sapiens (Human).
MDETGNLTVSSATCHDTIDDFRNQVYSTLYSMISVVGFFGNGFVLYVLIKTYHKKSAFQV
YMINLAVADLLCVCTLPLRVVYYVHKGIWLFGDFLCRLSTYALYVNLYCSIFFMTAMSFF
RCIAIVFPVQNINLVTQKKARFVCVGIWIFVILTSSPFLMAKPQKDEKNNTKCFEPPQDN
QTKNHVLVLHYVSLFVGFIIPFVIIIVCYTMIILTLLKKSMKKNLSSHKKAIGMIMVVTA
AFLVSFMPYHIQRTIHLHFLHNETKPCDSVLRMQKSVVITLSLAASNCCFDPLLYFFSGG
NFRKRLSTFRKHSLSSVTYVPRKKASLPEKGEEICKV

>sp|P46663|BRB1_HUMAN B1 bradykinin receptor (BK-1 receptor) (B1R) - Homo sapiens (Human).
MASSWPPLELQSSNQSQLFPQNATACDNAPEAWDLLHRVLPTFIISICFFGLLGNLFVLL
VFLLPRRQLNVAEIYLANLAASDLVFVLGLPFWAENIWNQFNWPFGALLCRVINGVIKAN
LFISIFLVVAISQDRYRVLVHPMASGRQQRRRQARVTCVLIWVVGGLLSIPTFLLRSIQA
VPDLNITACILLLPHEAWHFARIVELNILGFLLPLAAIVFFNYHILASLRTREEVSRTRV
RGPKDSKTTALILTLVVAFLVCWAPYHFFAFLEFLFQVQAVRGCFWEDFIDLGLQLANFF
AFTNSSLNPVIYVFVGRLFRTKVWELYKQCTPKSLAPISSSHRKEIFQLFWRN

>sp|P30874|SSR2_HUMAN Somatostatin receptor type 2 (SS2R) (SRIF-1) - Homo sapiens (Human).
MDMADEPLNGSHTWLSIPFDLNGSVVSTNTSNQTEPYYDLTSNAVLTFIYFVVCIIGLCG
NTLVIYVILRYAKMKTITNIYILNLAIADELFMLGLPFLAMQVALVHWPFGKAICRVVMT
VDGINQFTSIFCLTVMSIDRYLAVVHPIKSAKWRRPRTAKMITMAVWGVSLLVILPIMIY
AGLRSNQWGRSSCTINWPGESGAWYTGFIIYTFILGFLVPLTIICLCYLFIIIKVKSSGI
RVGSSKRKKSEKKVTRMVSIVVAVFIFCWLPFYIFNVSSVSMAISPTPALKGMFDFVVVL
TYANSCANPILYAFLSDNFKKSFQNVLCLVKVSGTDDGERSDSKQDKSRLNETTETQRTL
LNGDLQTSI

>sp|P35346|SSR5_HUMAN Somatostatin receptor type 5 (SS5R) - Homo sapiens (Human).
MEPLFPASTPSWNASSPGAASGGGDNRTLVGPAPSAGARAVLVPVLYLLVCAAGLGGNTL
VIYVVLRFAKMKTVTNIYILNLAVADVLYMLGLPFLATQNAASFWPFGPVLCRLVMTLDG
VNQFTSVFCLTVMSVDRYLAVVHPLSSARWRRPRVAKLASAAAWVLSLCMSLPLLVFADV
QEGGTCNASWPEPVGLWGAVFIIYTAVLGFFAPLLVICLCYLLIVVKVRAAGVRVGCVRR
RSERKVTRMVLVVVLVFAGCWLPFFTVNIVNLAVALPQEPASAGLYFFVVILSYANSCAN
PVLYGFLSDNFRQSFQKVLCLRKGSGAKDADATEPRPDRIRQQQEATPPAHRAAANGLMQ
TSKL

>sp|P49660|SSR4_MOUSE Somatostatin receptor type 4 (SS4R) - Mus musculus (Mouse).
MNAPATLLRGVEDTTWTPGINASWAPEQEEDAMGSDGTGTAGMVTIQCIYALVCLVGLVG
NALVIFVILRYAKMKTATNIYLLNLAVADELFMLSVPFVRSAAALRHWPFGAVLCRAVLS
VDGLNMFTSVFCLTVLSVDRYVAVVHPLRTATYRRPSVAKLINLGVWLASLLVTLPIAVF
ADTRPARGGEAVACNLHWPHPAWSAVFVIYTFLLGFLPPVLAIGLCYLLIVGKMRAVALR
GGWQQRRRSEKKITRLVLMVVTVFVLCWMPFYVVQLLNLFVTSLDATVNHVSLILSYANS
CANPILYGFLSDNFRRSFQRVLCLRCCLLETTGGAEEEPLDYYATALKSRGGAGCICPPL
PCQQEPVQAEPGCKQVPFTKTTTF

>sp|Q9NS75|CLT2_HUMAN Cysteinyl leukotriene receptor 2 (CysLTR2) (PSEC0146) (HG57) (HPN321) (hGPCR21) - Homo sapiens (Human).
MERKFMSLQPSISVSEMEPNGTFSNNNSRNCTIENFKREFFPIVYLIIFFWGVLGNGLSI
YVFLQPYKKSTSVNVFMLNLAISDLLFISTLPFRADYYLRGSNWIFGDLACRIMSYSLYV
NMYSSIYFLTVLSVVRFLAMVHPFRLLHVTSIRSAWILCGIIWILIMASSIMLLDSGSEQ
NGSVTSCLELNLYKIAKLQTMNYIALVVGCLLPFFTLSICYLLIIRVLLKVEVPESGLRV
SHRKALTTIIITLIIFFLCFLPYHTLRTVHLTTWKVGLCKDRLHKALVITLALAAANACF
NPLLYYFAGENFKDRLKSALRKGHPQKAKTKCVFPVSVWLRKETRV