>LsigIR1\_partial\_translated mRNA\_

KINRNIYENQNKNVLLLFFHFRLLLVHTTRNASSQSIGRNFSFQDEYNLFNLLMKSILISDFSRDNVLCLITDTHYSLDMELLHTYKGTTLNYNVNFSDTPLSLLSWTNRQLRVCQVVIILAYKSHNVLPFLNHTHTMHLFDENTKFLVAYELGERLLQNYLFKKIANAITVQINIEKIKTKFFLESRVPFSEDIVIVNEWYSNTLSFREPLLFLDKIRNFNGETLRVETFSQPPSTIISANEYNQLKTYKGVEPGVIMLLSKAMNFSYQFQDPSDNAKWDTIKRDVEIGRAEIGMANLFIDTKSYLSMSSAYDIDCMSFVIPVPQRSLPWYSILRCFQGTMWTVTSVFFIISVLSTFVLSLCYKCIFGIPPFKLNSVISIIFYHWGIAFGYSNISSVNVRVIRVLLFGWMILSFLLTSAFMSNLIANLSTPSAVQPINSLNELAHSNLIPVSPFISGVLHEVFKNSLDTNLKMIYKRLRSVSDETKRLEGISKGKYAMMFSKNSLLYQKSTNFANKITNFQTHVMNECLVSFHLGLVLQRRSMLRQSVNNQINKIIASGLYSKMKWDVLFPNISYNFRRPIEIDTSAKPFSLKHVQSAFAFLIIGLLLSLIFFVLEVFKARKIYRQTSNYE\*

>LsigIR2\_partial\_translated mRNA

MIFDIACTTFMVPHIRNEYKWYSILTIFDICTWAAILFTVVMCAVVFYLLLRAQTNDPENKTASYVFSLFHSYSRLLGTSVIKKLPSRQARMFDTLWIFISLVLASVFVSKLVAVLTHPSAAHQINTLEKLLNSGIQPACQATMFLRHILATRLDVHAKQLSNKMVGFNNVSQALKLVSDGQLAYLDLSSYLEYEMNSQFSNSGKISVHLMKTCATTSMLSFILKRKSVMRNTLDKIILRTVNSGLYVKWQTDTKSVVQLSSSYFTDNSETANILSLQHVKSVFVILLVGLLIATLALVLEVVNSKKFKN\*

>LsigIR3\_partial\_translated mRNA\_

SNILARFLIFYEGECLWLNDPIFKKVPNIAVAITREDIGFSQIDIKTRAIFSKTVYDSVIMDIESWDGKSFTKNCSTLYEDKTSNWYGKHLRVTTFHSPPDVIVSETHPKIYSGMEMEIFNIIVKTLNISYTFQGPPEGWLWGWKLDNGTWTGTMGDLVYNITDIGLVSFFVDKLTIEALDCTTPYDGTCITFLTPAPKEMLHWWSIYRSYHLETWCLIGVVVLIFLGFDYSVHNHLWIQSTLSSFGYSVVHVFGFITGSSGNFNSQFKSMKCLNVFWSFIFTVFTAAFVSKFISLMTTPIPESAINSLEDLLTSGLPYGEIESDYYTQILLESTDDVTKKVAGNMLVVQKDVDGALQGVSDRIISVMESSTLLEYYASNHFTDGDGHCSVHLMKECLIYLGVSIGLPRKSLLKYNADIIITHLVHAGMVSKWQWDIKYPKLPYKSAVPRNNTSHPRSLNIGHLQGIFMFWSIGIIFSIFVFILEYQLNLRKQRKISQYIVSHSGPTEEPQ\*

>LsigIR4\_partial\_translatedmRNA

YAFRLTNPSKFECYVFVTPVPQRKFYWYSLFTSFSLFLWLVSCLVFLITSLFIYFISNWNTIFKSSTIKIISFGDSLFQCIRILLANYSDLTIFRKPTRIFIFCFQVFCLLLTTGFLANLKSILTTPTGELPINSLKELSESNLNYSSYLQLPFQIFNVSSDKYVKSIASKLNYIDPKDVIHLLLEGKTAVIMSYYDFVYFVLFSKSNVNIWERIHFMDGCIYTMPYTYIMPLKSIFVNTVNGRINNLHSSGVLQKLVREEILSSENELRK

>LsigIR5\_partial\_translated mRNA

AKKLILKTRNELFTSSLLNPKIAVVHEWSEHSSLSHKNTLFLEKALNLDGQHLNLVDVIHRDKADHKIWTILAKNMNFTFTVKPPTHSKGHSGAVLDLILGISEAYVSSVMSEPALYFIIQNTLPNSKRCQTFVTPVPKRTIHWYSIFITFDMYSWVATGLCLIFTTISVCIISKLSPKQPNSTLAHIIKFVRDILFTCVGILLQNGFSFTKLTRPARVVLLSWVILSILLTTAFVANLKALLTTSTGGSPINSFEALSKSKLKILTYSDYFINNLNASSDPNIKDIAKKMTKINKVEMIPQLLFEGNTALLTSLNEIVELSNFYNSSMDILGAV

>LsigIR6\_partial\_translated mRNA

MFLVVTDSSNCLLDRIFLKVPNVVVAGRNAESISLKLQTRDLFPSSSSVNSSILTVKHWNGTIFTEDNKVTFAEKGSNFNNHTINIVEASNFNRKLDKKIWSIVSQSMNFTIQYKYPKYGDTIIAAMHDLIFGISDGTATTAFINTQAFYLIDISIPMSIKCYTFVTPFPERDLHWHSFLKSFDMYSWIATLTSIMLASIVIYLIVILMQRLHGTHRRISFADSFFGITSLILQNDSNFKPTQSSTRTFIINWAFCSLLITTAYQANLKAVLTTPTGQLPINSPKDIARSGLNCVAYQQIFRELLNHSSNKYLNVIGQNLQIKNRSESLKLLFEGHAALISTAQDMPGQVEALASVHFMDMCLYSPVFHFLLPLRSILKNVVNNKLRHLLDSGIIRKLEWDYLGFDKVPYGTIFQSGEIKSPEPYKLKNVLGVFFIWAFGISVAAIAFAVEIIYVTTKSQVNALIIQRNKK\*

>LsigIR7\_partial\_translated mRNA

GKQWYQRRVFECGIYSDVYKIGEWNGTQFKPSLSQLFSHKICNLRGQELKVCVSNWPPFLDVKRDEFGRRTYDGLNVQLLEYLSNKLNFTYSYKLPTNGNTWGGMKENGIVPGILGDMYHEFSDIGIGGLYLDHLGYNFSNIIIYEGDTFVFVTPTQKEIVKWYSFVLPLTYEVWILIFLFMIVIIVSVLVFTVIYSKSIYSNNLPSTHKQDIIFISLSVLVNNVFKVQLRGNSTRIVIFCWVYASVVLSTGYISKLVSVLTISKSPPQLDNLEQLYLSNIKCATSDVKYFGAILKGMNNAFAEKIRRNLKQVNHLSEGVQKIAEENIAYLESCSVLRYYSKLQYPYKKFHIMGQRFGFFYLGIGVKFKSVLLYDIEAFIRKLVESGIMTHLKKKKKKKKKYSALIPLLAL\*

>LsigIR8\_partial\_translated mRNA

MKVFHITNRKDNLLEKMAFQANFLTIFEIIALYTYTVCGNVEISDAYNGSFSQRYMVKFLLDFAPLWKYDSVYISVHISGKHLEREIGNNIRKMSKLYLPSMGIQLPVTNCTTRASEILQKTTMIVWSGVEELETIQEVSNCITSSGRWIFILNGNQNVNQIFQKAKLPYKSQVFAVQLHNGKRDKYQIDEVYRTHYTNSLAVNRVGMWSPDNGVFLNSKRVLKRYANLRGAPFKVSSHGYYPYVVKQNETIEGISGREKVIWDILQEAINFTYVYVPPTDAGFGSLKDDGHWSGIVGMLERREIDIGMTILSLKRSRMEAIAFSTPLAATRYGFLIREPTFLYLWDGFIYPLSGMFWACLGIIIIVITFITYATYILRQCTRIRNDTEIRNLGFTGILFNILGTVCYQGKYRNAQLKYKMSVK\*

>LsigIR9\_partial\_translated mRNA

SLSREAKLPFEICVRLIVFFQTCRSCFLFRQPSLSSVSNIFTLPFTLFVWLCTISLLLVIAFALFLSVNVEKHYSNEDQEADYSWNEILLVALGAICQQGSPWEPRSFSARITFLFLFVLAVFLYNSYAACIVSLLQSTSTTVRSVKDLIDSPVKLAIHDTNYTRMYLETSNDPVAKRMVKRRKPRYLDLSDGMNRVRRGMFAFHVATIDGYTEMEQQFTDDEKCGLLELPLYRAEMLALPLPRNSPYKEFFNQGLLRIVTSGVRSREFTRWVSQRPNCLQDGGGYVSVGFLEFKPALAALGYGILFSFLFLVGEVLFQRRHKILQCKFLERSPPSQGELFRRLPSPKQFARSYQLPYP\*

>LsigIR10\_partial\_translated mRNA

TWGSLLTFAEDTNVAVRNGQPQDDFAKWRFPPDLLKSIHTFAFINKFCILLPQRYFEDSRLMLHLKDVARLLSRWKIPFTFQSVSNGTADKINYHTTPNLGFLVYEEESHLSQNLATAIESTTTSPKWIFTMAEETEVRSYFDGVYITLRSNVQVFQKQDGGPGYNIFSVYRVDKSHQLRIIELGEWISSNEFNCDLLHIYELRHNLELVDYKGLQRTISDMPDEIRKHYISNSVGLALMLMETFNITIYSSAQLQFYETMGKRDSNGKWDGAYGLMQSGESDFMTTPMPLTKEVYEFAAPACPQLYLSYRLYIKKPSTSFHDWISIVKPLSRNLWTAFLANSFLVAVCLAVVKMIFQKIHIEDTEGSTMSTITYSILSILAGWTGQGVESLSKSATIRILVFSNLIAAVVIYIAYSSELLSNLSVLTLQLPFYSLEELVELSKRHGRRT

>LsigIR11\_partial\_translated mRNA

KVCFKFALTPVFHAWNQQNIQAIVSADSFGLPLGNGSYDGGMGMLERGEGDMILQAVLYNGDFVGSIDYTSTVFKGWYQMYIHTPSSEFGWATGFVNEFSVGLWRSYGLLALVLTVSLAAATKIGRALKVESSISSQNMLESLTCVSGATCNQGPDIQLQALGPRIILFSTFLAFSVLYLAYSSELMSTLTSKTIDIPFHNLDDLVNLKKGRFVLVMENDSLPHNKYMKDNSNVFKRARENLETKIVEDLTVTEETCSSKRNVLMYVFDLRQQAAIIGCDLDKLPKKYFENPAVFPVRKNMFWLPVMNRMSSNISQE

>LsigIR25a\_translated full ORF

MIVRGRLTLLQQMLLVCISLLLFVIHPIHSAQTINVLFVGEKKDTNAEKAFDAVLSQFRSDPKLEVTVGKEARVYADSANTTILADKFCKEYDALIDGDQPLHLVFDSTTAGLTSEAIKYITKTLGLPTVSTSFGQENDIRQWRNLDQEANKYLVQIMPPADVIPMIVRSLADTLNLTNAAVLFDESYVMDHKYKSLLQNLPTRHVISTIDDDVKAQLWNLRRVDVVNYFVMGNAASAQKVLDSADDMKYFGKKHAWYIFTQDSRDTVQCKCANASLVIGRPEPDPGSVNNLQLLKQNYNLGGPKPDIEVAFYFDVITTAFMAVRNMLNREEWPAAENMKFVKCDDHNSDTAITRTGLDLRNALKQIQRPSNSYGKLKIDENGQSYMEFQVKLERLDIIKGEPKGGKVAGTWQVGIPGTLTYADGQDLTELASKTTYRVVTVVQPPFVMAIGEGEDKKFVGYCIDLLNDIKELLQFDYEIYEAPDKKFGAMNDQNQWNGMVKELMEKRADVALSSLSVMAERESVIDFTVPYYDLVGITILMLKPKVPTSLFKFLTVLENDVWLCILAAYFFTSFLMWVFDRWSPYSYQNNREKYKDDEEKREFNLKECLWFCMTSLTPQGGGEAPKNLSGRLVAATWWLFGFIIIASYTANLAAFLTVSRLDTPVESLDDLSKQYKIQYAPVNGSATATYFERMAYIENKFYEIWKDMSLNDSLSEVERAKLAVWDYPVSDKYTKMWQAMKESGLPANFDEALARVRKSKSSSEGFAFLGDATDIRYQILTNCDLQMVGEEFSRKPYAVAVQQGSPLKDQFNNAILQLLNKRQLEKFKEFWWRRPKNLSECTDDDNQSDGISIENIGGVFIVIFVGIGLAIITLAFEYWWYRFKKGGSKVVDVQKINVREFPTNKDNFGGAADATAFNPRPPPATLQDEFRGVGVRFPGNPF\*

>LsigIR8a\_translated full ORF

MKLHFMCLFCIFLHLSQGQEEEEPAAPAADAKEIKILVVLEEQQQVIADHLTSGFQKAENTVNMNGMKVTIKPIAVSREEEETGFSEVCKDLTTNYNLILDFTWGGWWRVRNMAEGSGMPYLRVDSTIRPFVQAADDWIRTRNGTDAALIFQNEGELDQALYYLIGNSIVRVIVLDRLPGNTTDSLKTMRPSPSYFVMYAKTQEMQKLFSIALKGDIVTRDSRWTLVFLDFEYEGFATSDLPVNVFFIKMQKKVCCQLLDQGTSCSCPADMEIVPNFLLRATSVLTSTLVTLKGEMPDPDPIDCKSVNPEAAKNDTRKRFHEILDMEGKKNPAVGFDPEILLLYYQSEMDITSYTKVNKTEVATWTTEDRFVLRPGYNLTAARRFFRVGIVEAMPWTFKKKDENGKTMFDEKTGMFVYDGYCIELLERLSQTMGFDYEIVLPRDGEYGEKGSKGWTGVVGDLARGETDIVIAALTMTSEREEVVDFVAPYFDQSGISIVLRKPVRKTSLFKFMTVLRLEVWLSIVGALTVTGLMIWVLDRFSPYSAQNNKELYPYPCRMFTLKESFWFALTSFTPQGGGEAPKALSGRTLVAAYWLFVVLMLATFTANLAAFLTVERMQTPVASLDELSRQSKIKYTVVKASTIYQYFENMDHAEKELYKVWKEITLNSTSDQTKFRVWDYPIKEQYGHIKSAIENTGMLDNATEGFTKVLANEKGEFAFIHDAAEIRYEVYRNCNFSEVGEPFAEQPYAIAVQQGSHLQEEISKQILDLQKDRYFEGLSGKYWNSSRRGLCPNLDDSEGITLESLGGVFIATLFGLVLAMFTLAGEIFFHKRKIKHQVHNITKSNALTLASDFRGTEKSVPRVSYISVFPRS\*

>LsigIR76b\_translated full ORF

MAGSLNFLKTVMMSVCLAGAGKDGTIDPATVTEEYLTEQCNMNRLPKIDFWNLKLGPSKELNGKHLLVATLQDPPLHYTEMDEQGKLVGKGIAFDMLNLLQDHFNFTYEVKEASENYIGSYDAKLKTWNGILGMLYRKEINMSVAFTPITVTAMKDIDFSFGMGEMKWVLMLKRPVESVGGDGLLAPFQTGVWYLILLSLVIMGPLIYGIILFRVKLCRGDARLTRIFPLHQCIWFVYGGLVKQGSTLSPVTDSSRLLFATWWIFIMILTSFYTANLTAYLTLSKTTLAIETKKDLTGSSTKWFVRKGSAIETVITHEKGLEDLAKMVSKGYGSYARADLTDVEIMAMLEKRSVTFIQRANSIERMIFRHYLNQTKNGVPEPKRCTFVYSSSPILKLEYGFGYQMGTPLKRLFDPMVSYLVESGITKHLLQLDLPSREVCPLYRGFQERPMRNEDLFMTYTIVGSGYGLGFLSCLVEMFLLYIWYPKFSKKKKKKKKKSTLR\*

>LsigGluR5095\_partial\_translated mRNA

RTRLVPYFENVPLNNSFKATKHVCSILRQSVVGVFGPQSEELSGPIQSVCDAVEIPHFENHWQIQDTRECCRFNLYPHYEALSRALVDLVTEWEWKTFLLLYDDDDGVVRLQGLLKSLANDKQPFIMRQLPEGNDYRHLLREVMHTGEHNIVIDCSADKIFNVLKQAQQVGMMTAHHSYFLTSLNLHTVDLEDFQYGGTKIVGLRIIDIDDEDIIRTVRHWRYSEMRNSRILNLSAASLKTETALMYDAVHIFAKALHELDNSQFVTIQPMSCETPDPWHYGSSLMNYMRVGEHRGLTGLIRFDREGFRSDFMIDVVQLYENGLRKIGTWNSTEGANLTNIEHKVIQLGPDSLRNKTMIVSTILNEPYTMLKERSEKLTGNDRYEGFAIDLIHEISLILGFKYIIKLAADGKHGSYNDTTNTWNGMVGDLRRGEADLALADLTITAQRESAVEFTMPFMNLGISILYMKPRKQPPNLLSFLSPLSMEVWVYMMVAYVGVSCVLYSLARLSPYEWDNPYPCIEEPEELENQFTLLNSLWFTIGSLMQQGSDIAPKAVSTRMVAGMWWFFTLIMISSYTANLAAFLTVENLESPINSVEELAAQTKIKYGAYKGGSTVKFFQNHPLEFYRKMFEVMKEAKPSVFTSTNQEGVERVEKSNGLYAFFMESSSIEFNAERKCEITQVGGLLDSKGYGIALPKGSQYRSAVNGALLKVQEQGKLHILKSRWWKEKRGGGQCTDDAGGGGAAAELGLANVGGVFVVLVGGMFTACFIAACELLWTTRSVAEEEGTSFGSEVLAELKFVVSCHGSTKPARKKPQEDVNSFLPLNQYQDYGFPNGDEKSQN\*

>LsigGluR5145\_partial\_translated mRNA

MTLEAISIKMEANPIRTALNVCKDIIARQVYAVVVSHPQTGELSPAAVSYTSGFYHIPVIGISSRDSSFSDKNIHVSFLRTVPPYSHQADVWVELLKHFKYKKVVFVHSSDTDGRAILGRFRDTAQSLEDDTEITVEKVVEFEPGLTSFSEHLESISVRSTVYIMFAGKSDAEVIFRDASLLNITGAEYMWIVSEQALAAQNIPEGTLGLSLINATSEAKHIKDSLYVLASALREMYRKENITEAPGDCNDSGAVWETGRQLFEYIKLQVLEGGETGRVAFDDNGDRKYAEYDVVNVRKDGERVVGKYHYDKELKRMSLQLNTSSIVWPGGLTVQPKGITVETHLKVLTIEEKPFVYVREINPSLGEACDASQGEIPCPHFNNTDYEFRLFCCRGYCMDLLRELERKINFTFDLALSPDGQFGSYGPIRNSSGVKEWTGLIGELVKKRADMIVAPLTINPERAQVIEFSKPFKYQGITILEKKPSRSSTLVSFLQPFSNTLWILVMVSVHVVALVLYLLDRFSPFGRFKIGNTEGTEEDALNLSSAIWFAWGVLLNSGIGEGTPRSFS

>LsigGluR16767\_partial\_translated mRNA

RGVAINGGQWFCRNCQVSMDHFNGYFVVAVAFLVLGPNPSLQQYGRGVAINGTTLRVATLLTTPFCSQNKNGQYDGFVPDVLSELEKQTGASFSLKKASDGKHGVLDKRTNIWNGVIGDVIGGDADIGFADITVTAEREKAIDFTVPFMEADLTIIYRSVLEEPVAFGWLLSAISLPFWLSILACYVIVSAVLYAIGRITPKKGKPEKDTPTDLTISDSFWATTSSVFLRGTDVPVDALSSKLLVSGWWFFSLGVVLILIVLEVSMFTSGAAFTPAAPNFFAHVGSATVGVLGGGSSHRLLLARPDLAPVLRRLEAAGSMGTPSTVAEGVQKVVDGELDGFVIESPSADIMKASHCTLETINEALDMRSFAIAVKQDSTLREVLSIELLKMRESGKLDAIRNRWWPKDRCLDFDQTTLSPARLGTYYMLFVVLFIVIAIALLAALAERYMHSKNNS\*

>LsigGluR9306\_partial\_translated mRNA

SGGSFEDKMIRLKGASLISVVLVFLVLAPKPSILQQIPKALRIGSLFLEDDRGLHDTFRTAIDALKRRPDLIPSTRVDFDIQYANPGDHFHLGKRACLEMQYGVMAIFGPFDNSLDMHLASVTSVLNMPLLSFAPGGPHGSLSISLYPSQYDLASATKDALKFLKWTETGILMDDNGPISSSDLLETIGSLDLSLVPVQAGEDLRESLAELRDRHVHHIIINLAAQRTEEFIEAILGTGMVDEDYQYFFTSLDAHNTDFEHLRFVKAQFYSFRLAPHKDSSFYRHITRESPGLLNSTTQLLAVDALELLARGIRIAADKGADMVTPPRVSCSGEQTWSAGLALHSALQQVKFRGVSGPISFEDGTRNSVDLDLLQLSIHTNVTSFERLGIWSIRPEDNAGSLNITGGFPHAVNRSTLIVTTVLDSPYCQQGDNGEYKGFIPDLLAELERFVGASFQIKHAADNRYGSYVARTKSWNGIIGEVMQGKADIGFGALTVTAEREKAIDFSTPFLEADLTILYRSQTVEPVAFGWLLTPVSWPLWLSLIVSYMLVSIVLFLVGAISPYQRQVAPGSGRCCGSGLSFANSFWVTTSSLFLRGSDVPIVATSARLIVSAWWFFSLGVILILIVLEVFVFTSGAAFMSAVPDFSGHSGSALVGVLRGGSSFRLLQTRQDLMPLLQRAESSGHTGFPKTIDEGIESVLNGNLDGFVIESPTAELAKASHCNLHTIPQVLDKRAFAIAVQQGSPLRDKLSVGLLNLRENGKLELLKTKWWPKGHCKDYEHTSLSPASVEAYYMLFVVLFSTLFFALLVAVAERIFHRRVFSAK

>TdomIR1\_partial\_translated mRNA

LGAICQQGHYRPPESISARAVFLLIFLVGVILSSVYSSTVISFLTVKKLELPFRNLEELLRLRNYKLGILSGTAAYYILQSTNDAVFNKVMGKLHETEQPLTIPEGLNRVCNERFAFIMSTLSAAMTLPSASCPIVDTSTDYFKTTVSLPMKLRFPYRKIINYYLKRMKEDGVLYRLIITRGLLRTEDSVTEELTSVSLLDVIPLLLLLLLGIILSIFTLAGELSHWHIRSCTDRHIVKPFID\*

>TdomIR2\_partial\_translated mRNA

ALTTILGIVLALWIMMYLQSVLLKRGLIVNNRYNFIELAFNSFRAMFFGHKRPGHPLQESAYPLPSACWFVLLLIIFAYCTGNTSYLTLPIFSDSLHTVDDLMKTNITKGQTKHTSLSYVLRSEDSSVAKFANKFQKEAGIVHRDTKTQENNYAILVKTVGQSYLAGAEDLEEQSHSDLELMGECVSHFYVAFGLQKYSPYKRLFDRALTRFFESGITQFWEKDVAKDLGYHYMREFFSDIVSK\*

>TdomIR25a\_partial\_translated mRNA

VYVETKESGEVEYKGYCIDLINDIKDILKFDFQIRHVDHFGNMDDNGNWNGMIDELVKKKADIALGSLSVMAERENVVDFTVPYYDLVGITILMKKPKAQTSLFKFLTVLENDVWLCILAAYFFTSFLMWVFDRWSPYSYQNNREKYKDDEEKREFNLKECLWFCMTSLTPQGGGEAPKNLSGRLVAATWWLFGFIIIASYTANLAAFLTVSRLDTPIESLDDLSKQYKIQYAPVNGSSAMTYFQRMADIEKRFYEIWKDMSLNDSLSDVERAKLAVWDYPVSDKYTKMWQAMKEAGLPGTFEQALERVRASKSSSEGFAFLGDATDIRYQVLTNCDLQMVGEEFSRKPYAIAVQQGSPLKDQFNNAILQLLNKRKLEKLKETWWNQNPLKKTCEKEDDQSDGISIQNIGGVFIVIFVGIGLACITLAFEYWWYKYKKNPRVLDTTVVHVREQPPNKETLQFNPRYNYQTDFRPQGLNMAGVTNPW\*

>TdomIR8a\_partial\_translated mRNA

MKRDSSGQPIKDQNGKEIWQGYCVDLLDKLAEKMDFDYELVFPESGTYGKRYENGTWDGVIGDLARGETDIVVAALTMTSEREEVVDFVAPYFDQSGISIVIRKPVRKTSLFKFMTVLKLEVWLSIVGALSVTGVMIWILDKYSPYSAQNNKEMYPYPCREFTLKESFWFALTSFTPQGGGEAPKALSGRTLVAAYWLFVVLMLATFTANLAAFLTVERMQTPVASLDELARQSKINYTLMAGTSIEQYFLNMAGAEQELYRVWKEITLNSTSDQTKYRVWDYPIKEQYGHILLAINTTGPVENSSVGFQKVLDSEDGEFAFIHDAMEIKYEVYRNCNLTEVGEPFAEQPYAIAVQQGSHLQEDISKQILDLQKERYFETLSGRYWNASQRGSCPNTDDSEGITLESLGGVFIATLFGLALAMITLAGEVFYHKRKQKNTVKAMNNKPVTIGNEFKPADKMPRVSYISVFPRN\*

>TdomIR76b\_partial\_translated mRNA

MALNKKLLEMLFLICLKQPGKPPTEDAAELESWLDHECYNDELKEYYWIRNHNYTVAALQDNWPLSVVTQDAQGNLVGEGVAFDFLNILKKKYGFNYKIKTPKEDIIGDKTTGIVGMLMRKEVDFAAVFMPVYDDYRDEIEYSVNIAEDRFAILMKRPQDSATGSGLLAPFQTEVWFLILLSLIVMGPIIYFIILIRVKLCKGSARLTRIFPLQSCIWFVYGALLKQGSTLNPITDSSRLLFATWWIFITILTSFYTANLTAFLTLSQFTLPIKTAKHVHEKHMYWVAKTGGPMEHWIKFDETFDYLNNSRYGVFASSPDPMIMEKEIMKQGRVYFRENRIIQDLLYRDYLNKTRRNVDENKRCTFVATPKPFLSRPLAFGYPKGSNLPPLFNPILLSLVEAGIVHHKLHELLPGTDICPLNLGTKERKLRNSDLYTTYVVVCGGFSSAAVAFFGELILKLIKHCKNKDKKKVPLKDDVLYNPKHQFVYGGTTRDLEMGEDYKSKQINGRDYFVINAKDGGQRLIPVRTPSAFLFQYSA\*

>TdomGlu19206\_partial\_translated mRNA

DNQGFRTNFALDIIELSTDGLQKVGTWNPSKGVNMTRTSRPAPTEESSMFNRTFIVTMALSDPYCMVKEASTMLTGNDRYEGYAIELIHEISQILGFNYTFKEVDDKRYGNWDNKTKQWTGMIKELLEGTADLAITDLTITSERESAVDFTMPFMNLGISILYRKPTKEPPSLFSFMSPFSMEVWIYMMAAYMGVSMLLFILARCSPDEWNNPYPCIEEPEILENQFTFKNSLWFTIGALMQQGSDIAPTAISTRMVA

>TdomGluR39276\_partial\_translated mRNA

MYDAVRLFAKALYDLDSSHPINVMPMNCDGTTQWPHGRSIVNYMKIVEMEGLTGPIILDNNGYRTDFSLDIIELYKEGFRKIGTWHSLSGVSLIRTYNDTLVEIGENLQGKILHVVSLPSKPYCMEKNETDANGNIEYEGFAVDLINEIAEMLNFTAQFSIVADKKHGSRQENGEWNGMIGELLKRRADLAIADLTITYVREQAVDFTMPFMNLGISILYKKPVKQPPNLFSFLSPLSVEVWIYMATAYLGVSVLLFVLARITPYEWQNPHPCNSDPEELENQFNLLNCMWFAIGSLMQQGCDFLPKAISTRMVAGMWWFFTLIMISSYTANLAAFLTMERMDNPIESAEDLAKQNKIKYGSVKGGSTMGFFKNSKFPTYQRMWSVMDSERPSVFTSSNQEGVERVKNEDGTYAFFMESTSIEYVVERNCELQQVGGLLDSKGYGIAMPPNSPYRTLISGAVLRLQEQGKLQQLKNKWWKSEGTCKDDKKSATSTSELGLANVGGVFVVLIAGMFAALVIGICEFVLKSHKTAVEERTSWWEEMSSELNFALRCRGS

>PsicIR1\_partial\_translated mRNA

TEVVFSLLSAAELTNVNVLMVNVGAPEQLGLEDLDLKNIHSTPVPVLTTSSSFHGEKFRFFERGDTTANSIAYVFVRKHLTELCFVESVSTSYKWSSRAYFVLIVTFPLRDARARISAMLRHCWESCNILNVLVVFHGETSDKNMLSSQKRHFQMYTYNPFKSNGGAGDKLKALTPETCMDACRRKLNNANGYVFDVSASPHHPLLWELVDASGRQTLGGPDGEIMSAVIQKLNGSLRFFRTAKDFFSDSKRHTKVLMANERVVLRSMLRNSIYPRQQACITCIVPKATRVPSYMSIAMPFSPGTWLLCLSSGVVSGAAWKLVTRHDRREPMTRTFVDVVRLVVLGVAGRLPVSDSQRLLVLWCLVGNLVMTSLYQGFLG

>PsicIR2\_translated\_full ORF

MKKSSLVEYALIVLMHSGIVLSMNSAIFNRRDFGLVEALVDYAKQVFDEHLRRRLLLVNYDSSTRTEVANEIVRYFNNVDQPLITTMVPPKTGRNDEVRTSARTLASHSRQESSPLYRHDNVESSISFVVFRDTLTGTCFANEAWIRTPVWNSRARFLLIITSPSAENFTEITELFRECWKKANLLNLAVVYLASPSVCNGGEQYSIRAKELNPFIDPNCVMNVTVSGTRRKREHDMFQEKLGNLFGYEIPVFFNHSHPFLEVRYEQGGELAFDGPDGHIFNTLLAKFNFTAMPATNISSDFRIEDLSPEEKHYYKNGLNANEEALLPSNINRSSYPFYHDYISVIVPKAFPLPRYMHAILPFTQGMWALYIFSLISLCAAGATLNYFDIHEHVQVRSSVFEAFQLLITGTANIRRLSFVQRLFLTVCFVFTIVVNNAYQGSMTSVLTKTLYQPDLNTYEDILKSDLRIAVFFDSSYAAETSKDLETNDSDDDDFVERVVDKMEFIADDHEALMMAAIHRNVCRPTYRFLAEILIEHEDFYNAGEPLLHIAEEKSLPLLEVWSPKHRDSVFLEKISRISTNLVTGGMIEKWRSDMQYAELISRHRRKTSFRTGIKLTLEHLQAAFFILGIGLLIAVLMFVAETVFSLTDVQLCFVTLKRFLSSSK\*

>PsicIR3\_partial\_translated mRNA

VAVYVINERTTWPASMPQESTAFVILSQSGEVDVYMNHLAQVCRLPLWTSWSQVFFIDANLKDNHKDISFALLKASWKKFEILNCLVIYSATCKDKSRKLSVAKSLNPFVSPGRTINVKYKDDLFEKFPFDCMGYPVKCTAFNYPPFVFEETTQNGIKKLGGMIGTIINIIAMSANATTTTDVTTLKDTSKWVLPYSFYNTTDVIYPFAPLQTSNLKESSYPFLHDKLVLLVPKAEQIPKRMCAILPFNYEVWICYLGVYVLLVLLGKVYSRYTRGNTLALFSSLEIFRLFFTGMSQQRVTAIGLRVYLASVMLFNIVLNNAYSGSFTSYLSIPQYYSDINSFADIDRYCLSIGLSLKYGTDAALDFSSIVSQLDTDDKMTAKFLYRLEMVESLEEGVHRVKTERNFCLLHFRTGAKFEISKPENIAGNRPLLHIAKQELLPLHAVSIMRFNFPFLYSSKSRQRLVIESGMVNMLLVNFDRELLKTHENNDVVVLNLHHMCIFFIILFSGCLISIIVFACELIMGKIAFKNIFSNGNKRT\*

>PsicIR4\_translated\_full ORF

MQLVFFVLLLLVVATLNGSVITGRNRYERRAQQFVMEATSVIHEYLRDVAGTMVLYTEDHQGTTQDLIISYLYSTTKQPLLVFKNTAQCCPPIASQSAGFIILSARRDVHAFIQSLVHASGLPVWRSWSPVIFVDTNLNETRSDITFPLLKTSWKKYETLNSLVICVSANSDDSYRHVVVKRFNPFVTAGKTVTVTNKQLTTQKLFFNARGYPIKCPAFNYRPLMYEVTRPNGEKALGGIIGIFADMISELGNFTTTTQQDTLKNQFQWVLPESFFHERFDVKYPITILQPDILNNSLYPYMIDNLLLIVPKAQQVPKWMTAVLPFTYTLWILYLSCYPILVVLGTIYSRISINKSKGSFHALEIFRVFFLGMVHHELKFVWFRLYLASVMIFNIVLNNAYTGSFTSYISIPHYYKDINTLEEVFHQGFSVGIAVKYGSNVNFNYTSMISDFDFNDELTYMLMSKSMTVTSTEDFLISAITNRNLSLFHASVAGMYEMSKPIYFRDGRPLLHMIPQSFLSLYLVFEHRKNYPFANILDRNLQLVVDGGFITKHISDSIEMVHTSFHSFSKDFTSLNTEHLQSFFYLLLCGYIISTVVFVVEVYYL\*

>PsicIR5\_partial\_translated mRNA

MGHILWHQNDQPNKRLNDDYNFSNFEETVGFPAHDSNMKAFQYIQELCRFKTTLKITEELASLSVTDNDGIVGMLQREEFDVYATLSGILPVTFQYVDFLQPITQFQPVIVFLQPTVPTLRNVFLLPFTRNAWLVLVGTVVLSTGALLVSTTLADYGQHWGVSDVVLIVLGIICQQCMEQLPRSLAARAVLGVLMLSTILVWGTYSGVVISLF

>PsicIR6\_translated\_full ORF

MQLRDVYRPGPGVPHVDRPAGMWTRSRGLVHELTAYKYLRREDLAGLRLRTGITINAPLENPEVNLLKLENRQLDAMATYNYGLYIMLQQQFNFTMELVVTDKFGFVVEDGRYDGLTQLLGERQVDTAISTLLMNRPRMSFVDYSTGYGWEFHICAIFRHPSVSGGEDALIKPFSGSTWLCTFLMWLVIAAFLKLLAWIQPHFADVTGEDHEEIPSWSDLMLLVVGIVGEQGTWLDSKWFTWRFVFFMMLLLTVLLNTFYAAIVVSTLLNQQAQTINTARDLLDSHLHFGAEDIIYNRPYFEVNSDRLIQELYKKKMAGHTSYFPMEKGVAKVLNEEFAFHTEAVRAYPVIEKMFPDEKKCALKEIEFFPVEMGFFAFPFMSPYKKMFTYGLRKIAQTGLWQHQNQEWRSSRPTCASTGAEVISVALPSLAPAFGLLALGCALSLAVLVLENLQHASRHRPRFRTSDKQLT\*

>PsicIR7\_partial\_translated mRNA

PFSGALWLGMFSLWLLIVSFLRLLAWLQPQYADITGENHEDIPTSSDLFLLVVGIVGEQGTWLDSRWLTWRFVLLMMLMLTVLLNTYYAANVVSTLLNQSPFTIRTLKNLIDSSLQFAAEDVIYSRSYFEITNNSLIRKLYTKKMAPWGGNYISMEKGLERVQNGDFAYHMEDVRAYWAIEQLFPDSKKCALREIELFPGEMGYYVYPFNSPYKKIFTYGLRRVVEVGVWD

>PsicIR8\_partial\_translated mRNA

QGSDLDSKWITWRLVFATMLMLTVLLNNYYDACMVSWLLSETPRTITDLEKLVHSPLHFGCENLSYIIPYFVNNDDALMRELYTKKMLRERGVEGAFYPPQVGVRKMLEERFAFHADPNHMYGMIEATFPEDDRCDLTELQIMPPRSHHLALPSRSPYKEIFNYGVSRLKETGVMDYTWKHTRPTRTKCYSLPRVRSMELSYTAPGFTMLLIGALLSLVVFAGEFLWHQREKHRDSKIKLFIETSD\*

>PsicIR25a\_translated\_full ORF

MAAMYAFLAGLTLLGVAYAADINIMFVNDEGNVVADKAVEAALEYLKKNGGGNFKVDKVSGNGTDAHDFLDKLCKVYNDSLEASQPPHLVLDTTISGVPSEVLKSFTYALALPTISASHGQEGDLRQWRNLDPEKEKYLIQIMPPADMLPEVIRSLAYTQNISNAAVLFDDSIVMDHKYKSLLQNMPTRHVIVKAGENMGIKEQLAKLRGLDLFNFFVVGRLSTIKKVLDFANINKFFATHFAWHAITLESGNLKCSCADANILFLQPEPEADFKDRVVQLKNEFGLDEKPEITAAFYFDFAVNALSAIKSMVDGGTFPADMKYVTCDEYTEETAPNRTGVELMEALRSVNKAPSYAPVRLENNGHSFMEFTLRITKANILNSKLETSEEIGTWKAGFDEPLQVTDEGILSNMTAITFYRIVTVEQKPFIIKDGVDEKGRPKFKGYCIDLINEIRNITEFEYEIFESPDGKMGNMNEKGQWDGMIKELMEKRADIALGSLAVMAERENVIDFTVPYYDLVGITVLMKKPKAPTSLFKFLTVLEKDVWLCILAAYFFTSFLMWVFDRWSPYSYQNNREKYKDDDEKREFNLKECLWFCMTSLTPQGGGEAPKNLSGRLVAATWWLFGFIIIASYTANLAAFLTVSRLDTPVESLEDLSKQYKIQYAPLNGSSAMTYFQRMADIENRFYEIWKDMSLNDSLTDVERAKLAVWDYPVSDKYTKIWQAMKEAKFPNNMEEAMDRVMASKSSSEGFAFIGDATDIRYLVLTNCDLQMVGEEFSRKPYAIAVQQGSPLKDLFNNAILQLLNKRKLEKLKEIWWNQNPEKKTDCEKSDDQSDGISIQNIGGVFIVIFVGIGMACITLAFEYWWYKYRKDPKVVDVTAQPAVIRQSVAPSKIDTGITMGFRPRQPYPDNFRGHGMPLAGVANPW\*

>PsicIR8a\_translated\_full ORF

MLPYVVVYALALELVTAQKTFKILVVTEENQEQVLDMVAAGLKSAEQAYDGVRFDQVPVPVDRENEDESFEQVCKQLAAGVSAVLDITWTGWDKVRTTADSAALPYFRADVTPGAFVDAVDAYLGRRQATDAALIFQNEQELDQTLYYMIGRSIIRVIVLDGLEGNATERLLAMRPSPSYYVVYATTTNITKLYDKAVEGNLVTREERWLLVFTDFSHQQFDRSSLQLSAVLFTMRTDVCCRLADQPAGCRCDNHLQVLPSYLRHVVLFLGRLASHLDQHGVEVGPRPVQDCAAHAADTDAANTKFYSNVSQVMATMGERRAIGFAPGERLLYLRGDMEITMANSTHQQRQGTFSRENQLVLEHNVTLQSGRRFFRIGTTESIPWSYMARDETTGALLLDEKGRPTWDGYCIDLLRDLAETLQFDYEIVPPKDGSFGSRRPDGSWTGMVGDLATGETDMIIAPLTMTSEREEVIDFVAPYFDQSGISIVIRKPVRKTSLFKFMTVLRLEVWLSIVGALTVTGIMIWFLDKYSPYSAQNNKAMYPYPCREFTLKESFWFALTSFTPQGGGEAPKALSARTLVAAYWLFVVLMLATFTANLAAFLTVERMKSPVASLEQLAKQSRINYTVVKDSDTHEYFKNMKNAEDVLYNVWKDITLNSTSDQSKYRVWDYPIKEQYGHILQAITQAGPVENITVGFQKVIAEEDGKFAFIHDAAQIRYEVSRNCNLTEVGEMFAEQPYAIAVQQGSHLALEISRRILDLQKDRYFETLSGKYWNSSAKGLCPDTDDSEGITLESLGGVFIATLFGLALAMVTLAGEIFYYKRKKNTAVSVQKPGNFKDALSAKKQVTIGKEFRPVVGDKVMPRVSYISVFPRNQLY\*

>PsicIR76b\_translated\_full ORF

MQSLIPLLMMNVCSNYIGENTTKVQDADDDEEVVDPGCILRDPPLLTHIHLKIATITDHPLSYVVEENGRKVGKGVVFDIVEILRSKFGFTYEVVQPRENSIGDNNTGLLSMIHRGEADMAAYFLPIVWEKNHGVRYSFSLGDVDWVVMMRRPTESANGSGLFAPFDTTVWLLILVSLILTGPVIYLIILVRVRLCKGSERLTRIYPLDACIWFVYGALMKQGSTLSPITDSSRLLFATWWIFITILTSFYTANLTAFLTLSRFTLPIDDAYDMAVYRYRWMAQKGLTMHEVVRYDPGYYYLNDSLKAGRGEFLRGDNAKMMAIVQKENKMFLRERNVVEYLILRDYVTKTHKGIEETKRCTFVATPKAFMERSIAFAYHPKSTLYKLFDPVFMGLVEQGIVKHLLRRGLPKNEICPLNLGSKERQLRNSDLFMTYLIVMSGYAIAISVFVGELIVRAAKKFNDSRLINTHDNGYVPSKSHMFPPPYSTVLIGVDAEGGKKQSINGRDYLVVNAKDGDRRLIPMRTPSAFLFQYSA\*

>PsicGluR636\_partial\_translated mRNA

VKLTPGGLKQVGNWHSTEGLNISATIEEEPLVTDDNTLRNKTLIVLLSLTKPYVMTKISKDALFGNERYEGFCIDLIKELAGMLHFNYTFVLHYDSNYGGIKNGEWTGMIRRIMDGEADLATTDLTITAERESGADFTMPFMNLGISILYKKPQRAAPELFSFMAPFSMGVWGCMLSVYVGTSVLLFIMGRICPYEWANPYPCIEEPDELENQFSLGNSLWFTIGSLLQQGSEIAPMAVSTRMVAGMWWFFTLIMVSSYTANLAAFLTVETTFSPFTDVKSLAEQKTVKYGAKVNGATFAFFKESTNPVYQKMYKYMEENKADVMLMTNEDGEERVKSEGEDYAFLMESSSIDYTVERNCELTRVGGLLDNKTLIIPVEHSCSHAQTPVSMLEVVELHRKNKAALHFVVFTPDFIHVAQANVMK\*

>PsicGluR7966\_partial\_translated mRNA

KDILLELMEVSQAKLRKIGNWTVYGGITQEKDYSEQVSLEARQMMQNKTFIVASKIGPPYLGWKNRSAVGNERFEGFSLDLIDAVAKFNNFKSYEFVIVADNQHGTQDAETGQWNGIMGEVIGRRADMGICDLTITYSRGSAVDFSAPFMNLGVSFLLTKPTKDPPEMFSFFFPFSFDVWIYMATAFLGVTLILFVLCRITPHEWDNPNPMDDDPEELENTFNLMNCLWFSIGSLMAQGCDLLPRAVSTRMAAGMWWFFTLIITSSYTANLAAFLTNNRIDDNIQSAEDLADQTSVKFGSLRGGSTAQFFASSNYTVYQRISTMMKQAKPDVFTSSNQEGVDRVLKEKGKYAFFMESTSIEYETERHCELTQINGLLDSKGYGIALPFNSPYRTFVSEAVLKLSETGKIKDIKDKWWLVKDGTGCSEIETEKVNNDELKMANVGGVFLVLIVGCFAAFFVSILEMLWNCRKIAVEEKITPCEALISELKFAVNLSQTTKPNRKKKSRKSGGSSSSSVSGSVLVDASHD\*

**Additional contigs**

>Lsig106170\_putative variant iGluR\_partial\_translated mRNA

KFVVCLTSNSSGKEELQELKFWKIVNSVVVTATSCDGDQKFVFQLLSYQPFPKSDESSLYVVDHCTVENEDVTFESQNPVRNTQYFPSKTSNLNGHEVYISTLNHLPYMKWGNTDKPTAGVEFNLIETLGKQLNFKPKYTTQSDGLKWGSELKNGTLIGMMGDVSYQRADV

>TdomIR25a\_2\_partial\_translated mRNA

MWSSFLFLLVLHVAWVHSQQNLNILFVYDEKNTIAEKAVGVAQDYLRRQNKYGVTINNFDTVVVTNSSDARGLLDKLCKAYNDSIAAGKPPDLVLDTTMTGITSETVKSFTNALALPTISTSYGQEGDLRQWRDLDSEKQKYLIQIMPPGDLMPQVVRSIVAAQNISNAAILFDDSFVMDHKYKSLLQNMPTRHVITMVDKDPKKQLTRLRDVDIVNFFVLGNAPTIKKVLEAGAYKGYFDRKFAWYAISKDETALECNTCQNASVGVLKPVINPDYKNNFGELKSEYKLDMKPEIDAAFYFDVAVRSFIAVKTMKDRGEWPTDMKYITCDEYDDNTAPQRTNIDLKKAFKEVTDPKPSYGNLKIDRNGFSFMEFTMPLRKKRFVGGQGQTAADLAVWEASIEGPIKIK

>TdomIR8a\_2\_partial\_translated mRNA

TDDSEGITLESLGGVFIATLFGLALAMITLAGEVFYHKRKQKNTVKAMNNKPVTIGNEFKPADKMPRVSYISVFPRN\*

>TdomIR8a\_3\_partial\_translated mRNA

MASGKYPQILIGLLLVCCVRCQSPIRFVAVTESHQQAIANILGQSVKKAEESHDLKLDQVTIPVSREGEDEGYENLCQETKKGVSVILDFTWTGWYRSMKLADDAGIPYIRLDATVRPFVEAMEAYLKKRNGTDAALIFQNEAELDQTLYYLIGHSILRVIVLNRLQDNTTLGLRKMRPTPSYFVIFADTDNMKELFNTAVNGQLVTRDSRWNLVFTDFNYDKFDK

>TdomIR76b\_2\_partial\_translated mRNA

LIDREIKRWFILKPLCLNGDAAVFNSIDLQDVIPALYLFGCGALAAVIIFLLELILHYSIILHQIISNRRSHKDEDLHLRRITTLNREKPKQTKIKPSKRMQFTKQRYGNQ\*

>TdomIR93a\_partial\_translated mRNA

LSRVLLFMYPFTTDSWLCIAVSVILMGPILNYVHRRSLNYRFQCKKTSGGLFRITNCYWYVYGALLQQGGMHLPETDSGRLVIGTWWLVVLVIVTTYCGNLVAFLTFPKIENPVESVDDLLKRKGTITWGLLKDS

> Tdom\_21471\_putative variant iGluR\_partial\_translated mRNA

STNDAVFNKVMGKLHETEQPLTIPEGLNRVCNERFAFIMSTLSAAMTLPSASCPIVDTSTDYFKTTVSLPMKLRFPYRKIINYYLKRMKEDGVLYRLIITRGLLRTEDSVTEELTSVSLLDVIPLLLLLLLGIILSIFTLAGELSHWHIRSCTDRHIVKPFID\*

> Tdom\_34097\_putative variant iGluR\_partial\_translated mRNA

LMWNQDSSDFKPVAKEILKDMFRSYRCVHLLTDKGTMSSDIMAATYLSVSVPVINIEVTPRSDGSPKEWIDLITEGQSENCNGYILALKNPRTLAMEYGRNFFLTPGNRVVAFSDEDIENKDVSVGCPAFYETSEVITVSRKINSTGTTFTVSLPTKQDTPVGFWRKETGLVTYGSLFPREPTDLRGRPIRVSGFHCPPFVIYKGSGKSRILQDGIETRFLSELAKTFNFTWKIVHERDEEKWGKTLPNGTITGVTGDLIR

>Tdom\_39421\_putative variant iGluR\_partial\_translated mRNA

TYDTKYNKTFYGLLSDDNYHVGIPSSYIRFDVLENFDGSVPFLETSLTFLTPKPGKKSSILSIFEPFNEVLWMALGCL

>Tdom\_ 42947\_putative variant iGluR\_partial\_translated mRNA

LELSVNKNETNEFARELYRKKMEPHLSNVFFEKEEGLQSVVKGQMAFITDTNEAITYLQETLTEEEKCSVAT

>Tdom\_64008\_putative variant iGluR\_partial\_translated mRNA

LFTWIILSTAVYCISTLNYKIGSNKARVVDLSEAHLIVLGNLCSQGSPIHATFWSGRIVHITAVLFGYLIYNSYSSIMMSKITAK

>Tdom\_71755\_putative variant iGluR\_partial\_translated mRNA

VGAFCQQGTARDPVTAAARILFIALFVLAVLLYTAYSGNVVSLLSATGSVTNTQQQIINDKMMVGAEKTEYFLSYFKVC\*

>Tdom\_82603\_putative variant iGluR\_partial\_translated mRNA

AVNESMRHRLLEQLLTQILRFMDKLSCLCIITDSIYSSLLHASFFATLEYRPFFKVAVKDNEDLINPHYTTLAAIEQVRKDGCNGYIILIAN

>Tdom\_86455\_putative variant iGluR\_partial\_translated mRNA

MDTNSPDNILILADSLQQFVSFFNKFKVIDVHSKIIIIFTDETIDKTKIRIILELMMKLRLVNTIIAISTNNETLWYTYFPYSVNFCEEYVEKILMGYCKNGYYHSNGKLFPDKILNMH

>Tdom\_88427\_putative variant iGluR\_partial\_translated mRNA

YNLSWNLHFTNPDWGTSEDLSSGETFYSLLLDTKFQAGIPSGYILAPALEYYDVSIPFLQTSISFLTPKPQRKSFLLSVFQ

>Tdom\_89771\_putative variant iGluR\_partial\_translated mRNA

IIATPATNVTDTKNLTYKVQFSTFTVDDYLNPGNPFRIDVWDSGSFINNVDLFVDKLSNLQRHIILACFMEYEPYTILLNETIHEGLDLRIMK

>Tdom\_93549\_putative variant iGluR\_partial\_translated mRNA

QCGKAIRVQLLNTCQEIYRERTTIFPDKTRNMGGCPLVVGTAEIAPQVILKQNDDNSTRVSGIEGKLIRIIG

>Tdom\_94268\_putative variant iGluR\_partial\_translated mRNA

CGYVTDLVILRECTKTRNFKESMQLESEFTNLNKCPLRLSTFDFLPYTQINDKRTKELGGFEGKIITSLSNRMNFTVVAKPPKDGMKWG

>Tdom\_96733\_putative variant iGluR\_partial\_translated mRNA

RIPLLKLIFLMWVLGSFILNYCYHASLFGFVTKPKHPPPINTMNDLLQSGIPFGGFAVSRRYFSDPSDYVMKNILKKWKDFSSWFVLTEA

>Psic\_11602\_putative variant iGluR\_partial\_translated mRNA

PFLHDKLVLLVPKAQQIPKWMCAILPFDYEVWICYLGVYVLLVVFGKVYSRYRRGNTLALFSFLETFRLLFTGMSQPVTAISLRVYLASVMLFNIVLNNAYSGSFTSYLTVPQYYSDINSF

>Psic\_ 12275\_putative variant iGluR\_partial\_translated mRNA

MFSIIVTACYTGSIIAFVTLPLYPQLIDSARQVYEGGFKVAMLDGEGWQDYFNNSHDPIATKVLKKVEHLVAIEDGLRNLTKWRNSRYAVFGSRDKLDFILRANFTHGESSKRAFLHIAKQCFVPFHVAIAFPRRAPHSDMLNQVLLRAVQSGLVLKLKREVDWEMRRSTTGRFLQASSIAAKVPTK

>Psic\_13734\_putative variant iGluR\_partial\_translated mRNA

IGDMYSANLTSLLACPGRETPIDTLAKLEQAMREDGYQLLVESHSSSYGILENGTGIYKKLWKMMSHQPYSLISS

>Psic\_35409\_putative variant iGluR\_partial\_translated mRNA

WGYMREDGNFTGLVGLLQRKEIDIGGIVSLMTTDRMDVADYTADTVTFRPRFIFRQPSLSSMSNIYVMPFSEGVWATYIATVVVLTVVMFKVQWIKGRSSSLEPHSRDWSEIFLSSLGTTCQQGWHKTPTDI

>Psic\_35410\_putative variant iGluR\_partial\_translated mRNA

RFSPFISEYFVSNKVSQVTVFSCQGNDEYLQLSQRLVAAGFLVQAHTSPVAGQLAAILAVDYYRLGVVVDMDCPHMAALLQEASQQRLFSRLHWWLVLVDGASGLPLALSSEPPLDSHMTCVREKGGLYHLVEVWCVAGNPVTSSAEVVWRPGAEMPRQAPRDNLSGASLRTGIVAVEDSWNHRSDLRNKHLDTWNKFSYILATHVAQMMNFRMNETEVDSWGYMREDGNFTGLVGLLQRKEIDIGGIVSL

>Psic\_39861\_putative variant iGluR\_partial\_translated mRNA

LNHLTDLENKHIDTISKLGYALAVHAVEMMNATMELRHDPSWGYLVNGSWDGIVGYLERDEADMGSTAVLYTEERAKVVHYLIMTTPTKLG

>Psic\_40191\_putative variant iGluR\_partial\_translated mRNA

VLFRSEDTFPDEEKCSLTEVDVYQTRKGYIIVPFQSPLKEILTCALMRVGEAGILSYMYLYMLPQKPTCSSVEEMVSVGAQYVVPTFAILSIGMALSLVAIALEHIWHVCSRETEEI\*

>Psic\_49669\_putative variant iGluR\_partial\_translated mRNA

KFDIQEFLSSGVSHGVVNILVVSPGIRRNKEPKLVLRTHDLHSGGTIRLLTSWRRGGLTRDVNLFPDKMRRGFNGQSFIVAASDQPHYVIH

>Psic\_50572\_putative variant iGluR\_partial\_translated mRNA

RISVLFINKGTDLNSRWITWRLVFFMMLVLTVLLNNYYNACVVSSLLMKAPFNIKTLRDLIDSKVQFGAEKNHYINKFFELDSSPLVKELYQKKMMRPNNQKPIYSPQEEGVRKVLREEFAFHLETINIYGLIEDTFPDVEKCSL

>Psic\_51909\_putative variant iGluR\_partial\_translated mRNA

SRGSTGELRVTELYSTGQGAPVLETAAACWSATTGLRYLLERYKYLRRGDMQGQSVRAAVVLNSALKNPEVDLLKAENRFADAMAVYNYHIFLILQKMFNFTLDMVVTSKFGVVVEGGTYDGVVQMLHEGRVDTAISTFVFVHDRMKYIDYR

>Psic\_58358\_putative variant iGluR\_partial\_translated mRNA

RMKLAVHDMVYNRYFFERADEPIRRAIYQKKIAPPGVPPRYMKLTDGVERIRKGMFAFHFEVGTGYKLVLDTFDEDEKCGLTRIPYIQVVDAYQVIQKGSVYKEIMAIAYNKLIERGFQKRNWNRY

>Psic\_61434\_putative variant iGluR\_partial\_translated mRNA

IPSRLIFFCLDLLSIFFFSSYSAIVVSLLQSPSSSINNLEELVKSPMKIALYDIIYNQNINNYMNISASPVAQRLFRERIHSRPHYEVYLSQEVGMELVRQGQFAFHVEIGAYKFIADTWQEAEKCDLVELYMLPPCTTSLIPVQKGSPY

>Psic\_64649\_putative variant iGluR\_partial\_translated mRNA

WTGVVGEVVRGNALIAAAGMLLYRERQEVMDYAVMTTPTKLGFVFRQPPLSSVSNVFTMPFSRTVWLCSAALLVLCGLLLLGALHWERTAADRGYRLAAGVRERVGWTDVILLSVGALCQQGSPVESRGTPGRIVSLQLFIFVMFVYTSYSA

>Psic\_69026\_putative variant iGluR\_partial\_translated mRNA

GRLRWLREVGLLERERKRWLVGKPSCASSGAVFVSVGLQEFGPALGALLYGYAFSIAIFVMELLWRRARCLALAPLCITYAR\*

>Psic\_72009\_putative variant iGluR\_partial\_translated mRNA

KGSPYRKMLTLKLRRVRGVGLLAREKVRWGTNRPRCQDRGAVFTSAGLQDVQPALLVLAFGVLLSASILVLECAHRYLSRI

>Psic\_74229\_putative variant iGluR\_partial\_translated mRNA

NLTFHGVVFEVMSALARNLNFSYHVKILSSPSKGQPSNTSSKHVDEFGGETPDISAVSIPWTSLADAVQQKRAFLAAVALPATDRRRSLLNFTTHLSIQPY

>Psic\_79628\_putative variant iGluR\_partial\_translated mRNA

PPGWVLTPRSLGSAPPQQFTRQGVFLDHDCASGRRLLQKSSENGLLNGTYHWLVWSEVEDPAARHAVLRRGLRLDSEVAWASRGSAGELRVT

>Psic\_83061\_putative variant iGluR\_partial\_translated mRNA

DPLVHELYVKKMLGQHRTKPEFLSREEGIRRVLHERFAFHSEPNNMYPIIETMFPDQKKCSLPEIQIIPIEVCYLPV

>Psic\_83400\_putative variant iGluR\_partial\_translated mRNA

GRPRWEGYCVDLLQELADGLRFDYELVEPRGGGLGVRRPDGSWDGVVGDMVAGVSTHQQIASSLLPHLPELFYLHQG