

>LcHAE (ID number: LITCHI029130.m1)

MLVFLLCILISSPPLLTLSLNQDGLLLQRVKLGLSDPQTQSLSSWDNNSRDETPCNWQGV
CDSLRRVAVNLDHFQLSGPFPLFFCRLPYLTDLSMFDNSINSTLPLAISTCRNLTYLN
LASNLLVGTVPASLAEMPNLRIILDLSANNFSGDIPARFGEVSQLEFLNLAGNLLNGKIPG
WLGNFSSLKELDLAYNPFTPGPIPSELGNMSNLEHLWLAQC�LVGQIPESLTRNLKLN
DLAINRLSGSIPSSLTQLSIEQIELYQNSFSGELPVKWLNTKTLRRFDASTNHFTGTIP
HELCELQLGSLNLFENRLEGTIPDTIAQSKNLYELKLFNNNLHGELPSQLGKNSPLTALD
VSYNQLTGGIPNGLCSKGSLEDLILIHNSFSGQIPESLGRCQSLRRVRLKQNLSSGSVPE
GLWGVPHMYLFELAENSFTGSIPRRISGAYNLSMFLISKNQFSGSIPDEVGGLGNLVEFS
ASENRFTGRIPGNLVHLDQLGKLDLSQNELSGAMPQGIQRWRNLNELSLANNRLSGEIPS
EIGSLPVLNYLDLSGNLFSGKIPLELQNLKLNLLNLSNNKLSGQLPPLYAKEIYRNSFVG
NPGLCGDLADLCPETGVSKSQGYMWVLRISIFVLAAVVFIVGVWVFYVKFRSFKKTKKGIA
ISKWKSFHRIGFSEFDVIDCLKEENLIGSGASGKVYKAVLRNGEAVAVKKLFERSKKDDT
SNGSLKDQFEAEVETLGKIRHKNIIVRLWCCCSNGESKLLVYEYMPNGSLGDLHSSKAGL
LDWPTRYKIALDAAEGLSYLHHDCVPPIVHRDVKSNNILLDAEFSARVADFGVAKVVDGL
NKGQESMSVIAGSCGYIAPEYAYTLRVNEKSIDIYSFGVVLLELVTGKLPIDPEFGEKDLV
KWVCTNLDQKGFDSVIDPKLDSTYKEEICRVLEISLLCTSALPINRPSMRKVVKLLQEAS
ADIKSKITNKKDGKLSPIYYEYTSQFVV

>LcHSL1 (ID number: LITCHI029130.m1)

MVFLYVLILFLFSPLPSLSLNQEGLYLQRVKHTLSDPNSALSSWDNDRDDTPCSWFGVKC
DPRGQSVTSIDLSNANIAGPFPSFVCRLQHLTFLSLYNNSINSTLPDDLATCRNLEHLDL
AQNLLTGTLPDSDLADLPSLKYLDLTANNFSGEIPDSFGRFQKLEVISLVYNLLDGTIPPF
LGNISLRLMLNLSYNPFLPGRIPAELGYLTNLEILWLTECNLVGEIPDSLGRGLKLVLDL
LAVNNLGGTIPSSLSGLTSVVQIELYNNSLTGELPTGWSNLTKLRLLDASMNDLSGPIPD
ELTRLPLESLNLYENRFEGDLPESIADSPGLYELRLFRNRLTGQLPKNLGKNSPLKWLDV
SNNQFTGEIPENLCEKGELEELIIYNSFTGPIPESLGRCQSLTRVRLGYNQLSGEVPPL
FWGLPHVYLLELIDNSFSGQIAKTIAGAANLSLLIISKNNFSGSLPEEIGFLKTLFTFSG
SENRFSGPLPESLKNLGEIGTLDLHDNELSGELPTSVRSWKKLNELNLANNEFYGSIPDD
IGTLSVLNYLDLSNNRLSGKIPVGLQNLKLNRLNVSNNRLSGELPPLFAKDMYKSSFIGN
PGLCGDLEGLCGGREGEKNGRYVWLLRSIFVLAAVVFVFGLVWFYLYKRYKFKNARAIDRS
KWTLMSFHKLGFEYEILDGLDEDNVIGSGASGKVYKVVLNNGEAVAVKKLWGGVKKECE
SGDLEKQQAQVQVQDDGFQAEIETLGKIRHKNIIVKLWCCCTTRDCKLLVYEYMPNGSLGD
LLHSSKGGLLDWPTRYKIIVDAAEGLSYLHHDCVPPIVHRDVKSNNILLDGDGFARVADF

GVAKVVETSGKPKSMSVIAGSCGYIAPEYAYTLRVNEKSIDIYSFGVVILELVTGRRPIDP
EFGERDLVRWVCTTLDQKGVDHVIDSKLDSCFKEEICKVLNIGLLCTSPLPINRPAMRRV
VKLLQEVGAENQPKPAKKDGKLSPIYYEDASDHGSVA

>LcHSL2 (ID number: LITCHI007137.m1)

MKYQSIKLFLLFSLLYSFSPVNSLKEVTQILFLVKSGQLHDSNGKLNWVPTSDKSPC
NWTGITCDAQNQSVVGVDLSGLRISGGFPNGFCRIRTLKNLTLDNSFNGLTSPQSLSPC
SHLQVLELSSNYFTGELPDLPREFSSLQVLNLYNNELSGDIPTSFGRFPALKVLNLGGNY
IGGSIPWFLSNLSELTTLQLGYNPFKPSPLPPSYGNLSKLETWVARANLVGEIPESIGK
LATLTNLDLSDNFLSGKIPYTIGGLTTVVQIELYNSLSGELPESLANLTALLRLDVSQN
NLTGTLNQNIASMSLQSLNLDNHFTGEIPEILALNPNLSELKLFNNSFSGKLPENLGKF
SDLQDFDVSTNDFTGELPPFLCHRNLLQNLVIFSNRFSGNLPKSYGECQPLYVVRMGNNR
LSGEVPAKFWGLPRLEFLEMNNNFDGPISPSISRARNLTHLLISGNNFSGRIPSAVCDL
HQLLFFNTGRNRLSGEVPSCIAQLNKLQKLDLNQNMFTGELPGRDLTDLTELNLSNNR
FTGEIPRELGNLPVLEHLDLSSNMLTGEIPVELTKLKNQFNVSNNQLYGKVPSPGFDHLL
FVSSLLGNLALCSRDLKPLPPCPRNRPETVFFASILAICVVLTGSLVWVFIKTKSNYVNK
PKGRWKVTTFQRVGFTEEDIIPHLTEENLIGSGSGQVYRVKLKTGQTVAVKRLWSGKLY
LETETVFNSEIEILGRIRHGNIVKLLQCCSGEECRILVYEYMENGLGDVLHGERGGASL
QDWRTRLTIALGIAQGLAYLHHDCVPTIVHRDVKSNNILLDAEMMPRLADFGGLAKTLEAD
GSMSRLAGSYGYIAPEYAYTSKVNEKSDVYSFGVLLMELIMGRRPNDACFGENKDIVRWV
TETALSCPERETTENDSSYCKDLRKLVDPRIKQSTCNYYEIEKVLKVALLCTASFPPNRP
SMRRVVALLNAKAVTRPK