

>IRP-3 [GenBank:KF515921]
 MGTAFRFSWHL LCLFATSSHGGLTRTCLGDTLTKRGLCGPGLSSALQIVCPNGYHYGKR SAGTEISPOVSAESPF
 MDKRLAMSI LHNRGKRGIICECKHKCSFSELKEYCHVPVKRSFLSTDKPKLSQDQMNLI DVKWGLDDEGATSRL
 NIGDIEDSDVNNKYLPSSELTQDERNTRKDSQIGQLVRLLLDKSSAHNNI*

>IRP-4
 (...)YGRKRSAGTEISPOVLGKSPFMDKRLAMSVLHNRGKRGLICECKHKCSFKELKEYCKTPG
 KRGSLLLTQAQPKPSQDQMTSNLIDVNWGLNNEGASSRLANMEDIEDDFDVTNQYLP (...)

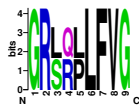
>IRP-5
 (...)CHNDHLVKRGLCGTGLSTALKKLCGMKGYHHGKR SAVTDTSLQDLTKSPFVDKRLAMSVLHNRGKRGSQGITC
 ECCRHPCSVKELMEYCKSPFKRSLLLTAQPEPSQDQMTSNLIDVNWSEFEDESAASRLDSMEGLDVKNNYLPSPKN
 HDEINSRQIGQLVRLLLNMTSAHDTL*

>bursicon-A
 MTGAAAKRSFVCGFICCLICSVASEGNTTEVDLPTGIVVPACRIRWIVHRIELPHCTQKRLLSLACKGQCESYTOYS
 TDTNDIERVCSCCQPHGRKLRRIMRCRNPKTFMPEIHVFQVYIPNSCMCRPCSVSIDNVPDVVNPLEAMSDNPPM
 EFMLLRHK*

>bursicon-A-2
 MRGVASKRSFVCGVCCILICSI LGSTEVNLTGIAVPSCKTHFIMHRIELPNC TRKRLMSLACKGECESYTOYST
 DTNDIERVCSCCQPHGR (...)

>bursicon-B
 MTTEWCTSL LLLVPAI LLAHCP LSSASCNTDFTEIFLNKEKPYEYNGRPARLTCYRKVTIRKCEGCTSEVSPSV
 VRFPGFKKCKCCRESRLDEKSYLLPCYGNALIPGETVRLHIKEPMDCCQSECAM*

>prokineticin
 MANIFHVCLLLMVFATI QGIPSKRGRSRPLFVGRKRYPPYMPYRRRTDYHGKRGRLQLLFVGRKOPTYEMS CRTDLDC
 PSSHCC LADLENSSGTC TPLRHMEQICTTSFYDGISYPMPCASGLSCAISPEKRF GICTSSWDEEEGEEQYNY*



Peptide logo generated from 2 amidated peptides of the prokineticin pNP.

Platynereis pNPs belonging to bilaterian pNPs families:

>glycoprotein-beta
 MNKGGGHKQOLLWLLSIMVIAMAVMTSSGHPWTGDSRAKQKRNERNFNGNSVTSCLYHWHKIAVNRDYLAEANGTII
 PCSAIVEVSI CAGGCDTSEIPDYKVPFKIINHVC TYGEVRPRTVRI CGDNHPAPFAKVFDAVSCVQCPCSRSNAS
 CESL*

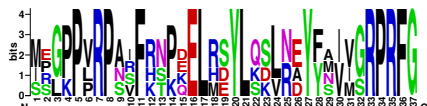
>vasotocin-neurophysin [GenBank:EF544399]
 MQFSRPTFTLOYGSAVLLTLVCCSACFVRNCPGGKRSMDLPQIHSTROCMRCGPQGLGOCFGPNICCGPSIGCY
 INTLESEECSKENDVRTPCDITAEICGVGQGRCCGADGVCC TDEKCTLDSSCDKLDMDKPRFSPDILRMLKRIFDR
 RSYPGRRK*

>NPY-1
 MTQILKLSLLFLILLGDKLLTCGKVL EEMPTLQOQIPLKPV RPNRFRNKDELH SYLQSLRDYYSVIGRPRFGKRLSS
 FLQRSPDSFGISESDNKGLGKTSDFSIEESPRLSFRKILLQSMRH*

>NPY-2
 MLKFYCYLTALCILLTLVFSADMRGPPLRPAVFNPKELRSYLKSLNEYFAIVGRPRFGKRKSPMPNFEEKRTLIT
 PEVFMVMDSDGDGCIDQTELATFTSL*

>NPY-3
 MRWTYLVLGLDLLFAVFLTFKLTSAQNMEGPPRPAIFRTPQELRDYLSDLNEYFMIVGRPRFGRSTRHHLIDTVY
 DKLGLPKSEKSS*

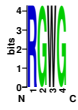
>NPY-4
 MNLLFMWSTLVALLSANLIISYPLTFTGFEEEDGLRLKRDPSFISSGPPVRPSSFKSPEELMEYLQKVRA YNVM
 SRPRFGKRTIAEWYEGMDHKR*



Peptide logo generated from the C-termini of potential peptides yielded by the four *Platynereis* NPY pNPs.

>RGWamide (JX412226)

MKLOGVVASWLFVGLVILEATYAADSGTSQIDKRRGWGKRDSEGEVDKRRGWGKRGALDPELESEADKRRGWGKRS
SLEEME KRRGWGKRSTVEEEKRRGWGKDFEEEEEMDKRRGWGKRSLEEAEEKRRGWGKRLTIDALEDGIDKRRGW
KRSQMEDEEEKRRGWGKR SWPKDSAEACSEMRAVYVYINSAIETEGMRVKQCGGDPPIVTP*



Peptide logo generated from several identical peptides of the RGWamide pNP.

>AKH-1 [GenBank:KF515922]

MRAWLVLLVACIVIAYOAHSTDAQFSFSLPGKWNGKRAALGWGKRGE CGDFDPDAIFNVYRAIQAEALRINECMQ
QKLEEESKKH*

>AKH-2 [GenBank:KF515936]

MMRLWVYLVTVCVMLFAFFPHVCHS QL TQSLGWGSAGSSGKR SVKSPIYYGDDDDYDVRQVRKNRLTLSEALC
SQDEKDAISKIKLIQREVVRQRYCNRKK*

>GnRH-1

MQNCWVSCLLALATAWLTLSALLTPVSSQAYHFSNGWMPGKRSSLPLTNLRQVSRQLSQTSSSPSSSDPRSDLS
FCRTQPVFELIMTIIQAEMDRLQLLCSSETQDSTDDMETKKN SLLAWLKGKQNFYED*

>GnRH-2

MRFVIALVAVMTALTSAGHAHFSTGWTPGF GIGKRMEGEP CNTKALES LQKLQAF TNVRFIILSSRI LNRDFRI
MI*

>7B2 [GenBank:KF515944]

MRTWAMTGLAGLMLVLLVANVRADYDYDYLVDLYKRLSQLDDYLAEDNEAYGGNSDWLDDRIPLDSRDGTTDIRD
HEYLEHSASKGGFQYISGGAGEGNQHLTPEGTONNTHEVKSDEALPFYCHPPNCPKGFTEEDGCQLDVKDTAEDQ
KKWISKMMASGQCSCDEEHMFCPKDRSTMNADKGHEGRDDLNDVLD SLLAGKMDNYPVGNKREKMVAKKGHPGN
LNLGNPFLDGQVVHTVAKKGGVGSVMMK*

>proenkephalin [GenBank:KC708483]

MKILVVFLLLOYHALAFASSEVEAVDKSEKESSEESTSAFAESSQVDMCD SNKDINAVCKICDVLNGPQKGNCCS
DPDALLWCHLTVDEVMRTEGGQGEESAEDSGEGDHSEDESNEMDKRYGSLFSNWRWYSHRNDK SANANAEEAKR
GVEKRYGNLLGGLFSNSNYGKDKRYGDLFSNSNYGKDKRYGGLFSNSHYGDKRYGGSLFGRLFSNKGKRYGNLLG
HVFGRSVDKRDGQAEKRYGSLFTPMFGGKDKRYGSLFTPMFGGKDKRYGSLFTPMFGGKDKRYGSLFTPMFGGK
DKRYGSLFTPMFGGKDKRYGSLFTPMFGGKDKRYGSLFTPMFGGKDKRYGSLFTPMFGGKDKRYGSLFTPMFGGK
GHLGQLFSNKSQR*

>DH44-1

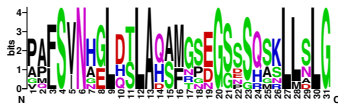
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RLGKRPAPFSVNQDLSSLADAYGHGNAEESRARLLSLGKRVPLSVNSGLQSLADSMDSQNRLLALGKRPAPFSVNH
GLDTLAEAMGMNGHNRLMSLGRVPLSINHGLQSLADSMADDDRQSRLOMLGKRGPLSINNELHSLADAYGNQDSP
LLQLGKRGPLSVNAELHSLASSFAPGSHASLLNLGKRMPPSVNAELQSLAHSFKDGDSSQQLRLGKRAPLSVGA
LQSLADSYDGGDSRSLSLGKRIPFSVNQDMQSLADSMNGRGESENSFLQSLGKRAPLSIGQEMQSLSDAHMSG
YNPLNLGKRVAFSVNQELQTLGDAMRQDRLQLGKRSAKSHEANSRSKRVPGARRFAFNSLWLSLAEMARHSR
SQQERKDVQDLLDNLGKRSV*



Peptide logo generated from the 8 different peptides of the DH44-1 pNP.

>DH44-2 [GenBank:KF515942]

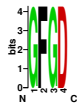
MPTPLIQGLLSVCVLIATLSLALND SAEFESSEGLHKRAVKLSVNNGLSALANS MKDKELEDGIQTSHAQLFR
MGKRPSFSFNQDLKSLADAHGMHSAENSRARLLNLGKRVMSVNGGLQSLADSMNEGPHGNLMLALGKRPAPFSVNH
GLDTLAQAMGSDGSSQSLLSLGKRPAPFSVNHGLDTLAQAMGSESSQSLLSLGKRPAPFSVNHGLDTLAQAMG
EGSSQSLLSLGKRPAPFSVNHGLDTLAQAMGSESSQSLLSLGKRPAPFSVNHGLDTLAQAMGSESSQSLL
SLGKRMQLSFNQGLQSLADSMNDGGRSRLMNLGKRGQLSINNELQSLAHSFKPNGDSHMSLLNLGKRAPLSVNAE
LHSLAHSFRPNSQASLLDLGKRAPLSINAEHLAHSFNGDGEGRARLLNLGKRVPLSINAEQSLAHSYQPN SQM
RLMSLAKRVPLSVNQGLVSLASSMRGDRAEASRNFLQSLGKRAPLSIGQEMQSLSDAYNSHGNPLNLGKRMA
VNHLERTLGDAMRHQAAPSLSLGKRFDNQNDHEHVRIMKRSPGARRLSINSELWLSLAQMARDARSHEDRKNQA
LLDHLGKRSV*



Peptide logo generated from the 8 different peptides of the DH44-2 pNP.

>achatin [GenBank:KF515943]

(...)STLFPYTTLFRSGKLTIVQVVSFALLLVVIANDENLLDSRELEENEIYDEIRDFGNKRGFGRGFGDKRGFGRGFGD
DKRGFGRGFGDKRSAEAEIYNDKVL EEGIKERINAMFDSLPAAYKRGFGRGFGDKRGFGRGFGDKRGFGRGFGD
RGHEEAFNSQELNDYLENLNNQLKFRMFAHHVFDKRGFGRGFGDKRGFGRGFGDKRGFGRGFGD*



Peptide logo generated from several identical peptides of the achatin pNP.

>lugin [GenBank:KF515941]

MLCKYLAVATILAVLAPQLAQS WRPQGRFGKR TLDSNSLSEVfyGNKGLDADYGDLLSSEDMPNAF RHNNLVCLR
KSQSGLYKC IRLRGAQDVPLDLHTA*

>tachykinin-1

MTSTIVLTGLLSLIGHVTWAKLVLNDVYDQEDNNDLFEYEDFANSQKR SDDNLIIEEDRVDTYPF KRMDSNQFFH
MRGRNGGESLTVDQDPETLLKLARYFRYLQAKR SLRNSNPVSLSAKR QPKGFHAVRGKRSFHH*

>tachykinin-2

MTSAMLTVGLLSLIGHLSWAKIVIPDVYDQDNDLFEFEDFANTQOKRR DTLIEDPEDEQVDSYPF KRMDSNQF
FHMGRNGQSEVMVDEQDPEALLKLARYFRYLQAKR SLRNDSPSGLSAKR QPQGFHAVRGKRSVLH*



Peptide logo generated from four peptides of the tachykinin-1 and tachykinin-2 pNPs.

>calcitonin

MNWRVSALICVIYVSVCI AENYEDEKIEETALRMIEQMAETRGLSALKQVIDSIDGDLQKTHVE KRKVKDLTTK
RKGLEVLKR ILKEMDSLIMEQKRT CQVNLGGHCATESAASVADQWHYLN SPLSPGRKR DTSLYQKLVGGKLLQ*

>DH31

MQATLATVVVLCSSMLLLSHITSSHAMPALRORRAADSDTLALLEELVDELRADNVIO KR RIDAGYGSRYAAGA
SVGSKLRALKQAADWNGPGKR RRNAEEFDEE*

>pedal-peptide-1 mRNA1 [GenBank:JF811329]

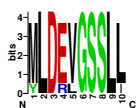
MVLWKLPLLATVLLVNA APEKSHMKR SIVDDDDENSIYAGK GQSARQLDSLGGAEIPLYGR QLDLSLGGAEIPLY
GRQLDSLGGAEIPLYGR QLDLSLGGAQIPLYGR QLDTLGGGQIPAED KR AFDSIGHHSFAFGGLKRAFDSIGHHSFAFG
GLKR SFDSIGHSSNFAGLDKR PFDSIGHSSSFAGLKR PFDSIGHSSSFAGLKR AFDSIGHHSFAFGSLKRKR SAEK
RSFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR PFDSIGQSSNFAGLDKR SFDSIGH
SSNFAGLDKR SFDSIGHSSNFAGLDKR PFDSIGQSSNFAGLDKR SFDSIGHSSNFAGLDKR AFDSIGHSSNFAGLD
KRSFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR PFDSIGHSSNFAGLDKR SFNSIG
HASNFAGLKR SEQVNPEEEDKN*

>pedal-peptide-1 mRNA2

MVLWKLPLLATVLLVNA APEKSHMKR SIVDDDDENSIYAGK GQSARQLDSLGGAEIPLYGR QLDLSLGGAEIPLY
GRQLDSLGGAEIPLYGR QLDLSLGGAQIPLYGR QLDTLGGGQIPAED KR AFDSIGHHSFAFGGLKRAFDSIGHHSFAFG
GLKR SFDSIGHSSNFAGLDKR PFDSIGHSSSFAGLKR PFDSIGHSSSFAGLKR AFDSIGHHSFAFGSLKRKR SAEK
RSFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR PFDSIGQSSNFAGLDKR SFDSIGH
SSNFAGLDKR SFDSIGHSSNFAGLDKR PFDSIGQSSNFAGLDKR SFDSIGHSSNFAGLDKR AFDSIGHSSNFAGLD
KR PFDSIGQSSNFAGLDKR SFDSIGHSSNFAGLDKR AFDSIGHSSNFAGLDKR AFDSIGHSSNFAGLDKR AFDSIG
HSSNFAGLDKR AFDSIGHSSNFAGLDKR AFDSIGHSSNFAGLDKR SFDSIGHSSNFAGLDKR SFDSIGHSSNFAGL
D*

>pedal-peptide-2 [GenBank:KF515945]

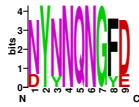
MIRSDVTLAFLVCLAVRSFA AREKLEEQQFMIGSEAEDGLHKR MLDQVGSLLKRR MSPQEDYLMKSQGGKRLD
EVGSSLLKRR MLDEVGSSLLKRR MLDEVGSSLLKRR MLDEVGSSLLKRR MLDEVGSSLLKRR VVDPIGSALKRML
DEVGSSLLKRR YLDRLGSSLLKRR DAEMMEEGDRVAYAANNPKR SYSREEVEELLGKEYAENNVHYPR OLDETAEG
LIG*



Peptide logo generated from 7 peptides of the pedal peptides from the pedal peptide-2 pNP peptide pNP.

>pedal-peptide-related

MKPIITSMVLVLLSLMAFAGAMYNPNPFTWAMHRFYQYRGISNQDRYNQDRHGNSDNSYGNSSGSYGSRFQERYVLQGY
YYQQQSMGRRHQEQCRFEQCWDEFFMRRWGQVGTGESSQNGGQSNQNGFQNYEQCSEGVSRLRQLQQQLNNGGCG
CEYRDMWAVRTARDSGMATYAFCDDFYNEYTEROCDDQYRRCVQTIQRLSFAENRYRDLRDEVSFACQINK
YRSQPQPPSGCGNFNWFYMEQDMKVWMAEINGCPVYDIVKRCMNPMEYEFACSNQKDRVMTEYDQCIQKFNQD
GRCSPMREARKAMHQFMKFMLEQHCQSDRQVRERFOQCCHEEDKKGFMSSSSNNDNRRNGHQNSNGYEEKKEK
KTEEKKEVKKEEKEEKEEKKFTMNGNGHEGNYEEKKDVEKKRNGNQHDQDKNQYDSNRNNQNGFDKKNYKQNGFDK
KDFNNGQNGFDKDYNNQNGFDKHYNQNGQSNNTNNHNDGNRSDYEDKSYNNNFDKNSNDNQSSNFKSEKESY
NQQEDRKTGGRHGKNNKFSERGNNYDSYKPOEGEGRLAYLAVIKSWRDSQS*



Peptide logo generated from 6 peptides of the pedal-peptide-related pNP.

>allatotropin [GenBank:KF515935]

MKVVLCLFVVVVFVSVNCGMDLRAPRAKRGFRTGAYDRFSHGFGKRGELTNEDDGLMSVEDMAELITNTPKLALSFV
KRYMDRNDGVISKEELLFVPEQ*

>sCAP

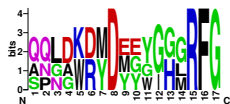
MKSWMKLSVCVLFVIVLLHTVTSLPPDFRNGRAGDLPGAKRTTGVMVEEAACRYCGMYNPTLGFSCRSDIGDSR
RICLGDFATQLNSALEKHNLK*

>sulfakinin-1

(...)DLTPAEVAKROGAWMDYGWGGGRFGKRAPLGRYDMYGIGGRFGKDVSRQAQAARQADLQ*

>sulfakinin-2

MNLNLALSCMIAVMWLFRCRCKAAPGLITGIHRNLGNPHIRGYAVEGLVKDLMEDLVGEDEDNLRSLKROQLDDY
GHMRFGRKSNNDDEEYGHFRFGKRNIE (...)



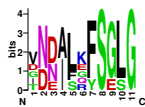
Peptide logo generated from four peptides from the sulfakinin-1 and sulfakinin-2 pNP.

>CCAP

MNQSTCLSVVLTFTILSVCLYQSSASRDSLTSQTFHQQRKIFCNFFGCGSKRSSLVPGGQETHDPRLTELLQEA
KRSALYQDDLPLVARSGSSNSIYDDIFDDDTKMAARSSLSDFSSESVDPEALLKASLLSLLRSQIRRHSQLKG
SK*

>allatostatin-A-1

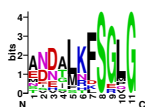
(...)KTKNCLSEFCGKGSNDNLMSDSFTFPRFKSGEDGSIKLSQLPNVTINDLTNISKYLGLRKMIDYGLKFHGN
GRQTDNTLKFYGPGRINEILGYSGSGKRTDNGFKLPRRPNNIFKFSGLVKRTDRARSGIKMRLSGKRVDDISKFS
GLGKRDNIFFSELGRVNNALKFSGLGRIDDGLRSSGSEKRTNDALEFSGLGKRGNDALQFSGLGKRGNDAA*



Peptide logo generated from 6 peptides of the allatostatin-A-1 pNP.

>allatostatin-A-2

(...)RKANNALKFSGLGRNDALKFSGLGRANDALKFSGLGREIDTLKFSELGKRNDALKFSGLGKRTNDALEFP
GSVKRADDHLIFSRLEKEDDTLNFSGQKRETEVGLRFSGLGKRNDDIMNFSGLGKRADDSLGERVNDVEQFSGLE
KRVNDVMTFSGLGKRMDETLKFSVGRKADDVLAFANELKRVNDNILKFSRIGQREDGGFRFSELEEKPDILRAGE
KNLFRLLKKSNDGLKFSGLGKSHASKDSRMGKSTDGIMELPGLVKRANEIFRLSGLGKRIGNGLIFTGPERHIEEK
GTDNSILHRGEKYNLNLSEFAKYPQCTKSIINNSFLSKFRKGMIDNAILSVLSHRIDNGKTPAPSPKRRVNS
MHKSGPGKEVNQNNVLTVSGDKFKDNDMMWIHPTEKINGYHHSRGISAVNQADLYEPNSKSIPSSLKVGPKHR
KDRSVTLDPDWKNHNKTRIPPGRIFRESKNLLPHFTPSRLQEIREEGLNDGIPFKLQKQVSRNSKKSVRKSRRS
LVDEISAITNGKRLGHAYHSYVRRLSVDPGISLIGLGR*



Peptide logo generated from 14 peptides of the allatostatin-A-2 pNP.

>prohormone-3 mRNA3

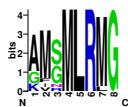
MKSSTFLAVFATLLATALGWSKYEDSFDELPARRSYCVNSGGKCFTSSECCKGYVCAAFDDLAFAGYCI LEKSLKP
CAKVDVCAEDARCVSLGRKDERYCIQRADSPNDVIYRTAGPKAKLGOECTTNADCEKYGDGNELCCQKIRRFROK
AKTICDRVNHMSACIPN*

>myomodulin mRNA1

MTNCFALCLLVSCLCALSSAENDREKRAIRMLRMGKRGFGMLRLGRSAPYDQYESROLFDVPRMGKDLVDIMEPSK
RHPPIPRVGNLDKVIDEYRRMVADEATSFDELPRFGRFVRSAAEVANEVEGSHKEKREVS GGVL PRLGLRDVENEI
RAAPL PRLGYRAIPRPRVGYRDLETLPRLGLRELEYQRAAPLPRLGLRENFADEDDKEERAVPLPRLGLRDLDKKA
VSMLRMGRSEETDTEHEMDKRAMSMLRMGKRGMSMLRMGKREEEIEPEVDEKRAMGMLRMGRAMSMLRMGKDAIE
QYKRKMSMLRMGKRGMSMLRMGKRDDDEQQEFTTEEGKRKMNMLRMGKRAMSMLRMGKRDLDEYREQKRAMGMLRMGK
REFNDSPEKRAMGMLRMGKR DSEDELOEKRAMGMLRMGKREYENLDEKRAMGML*

>myomodulin mRNA2 [GenBank:submitted]

MTNCFALCLLVSCLCALSSAENDREKRAIRMLRMGKRGFGMLRLGRSAPYDQYESROLFDVPRMGKDLVDIMEPSK
RHPPIPRVGNLDKVIDEYRRMVADEATSFDELPRFGRFVRSAAEVANEVEGSHKEKREVS GGVL PRLGLRDVENEI
RAAPL PRLGYRAIPRPRVGYRDLETLPRLGLRELEYQRAAPLPRLGLRENFADEDDKEERAVPLPRLGLRDLDKKA
K*



Peptide logo generated from 14 different peptides from the myomodulin pNP.



Peptide logo generated from 6 different peptide motifs from the myomodulin pNP.

>whitnin-1 [GenBank:KF515926]

MESKIIMSLAVVLAALCLGASAMSLPSEVVKHNQVSESGLDEKERATWLDTRDLGDLEDQFKELVYLAVKELQNE
GRISPGVVSEKRTQQKRGRFQGF CFRRTRSGRFLPYICWKGNSRQAKI*

>whitnin-2

MESKTIIVMSLAVTLAALCLGASAMSLPSDDVKHNQVSEALDQKERATWLDTRDLEDQFKELVYLAIKELENEGRRL
TTGIVAEDEPRQKRGRFQGF CFRRTRSGRFLPYICWKGNSRK*

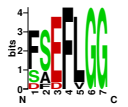
Platyneis pNPs belonging to lophotrochozoan pNPs families:

>FLamide [GenBank:JF811325]

MSTPVEPCMLLALFVLLATGSSHSAQSANVGSVASCDQERLTLCKACGTPDLLDKCCLDDTTYLICLKEVSKADA
PYWEGELQDDDFEEDEKRAKYFLGKRAKYFLGKRPRNNFLGKR DSSLDFEDQYEGYDKRSPSPFLGKRGRSPFLGK
RAKYFLGKRENEYDSAPMSDNYFEEDKRAKYFLGKRAKYFLGKRASWEELLKRAKYFLGKRSEDKRKYFLGKR
VDAVQQEQEQENSQ*

>FVamide/EFLGamide [GenBank:JF811327]

MHMSVGGWPLLLLLIIAHGSSLQAQDADSENMRQLQSMMLLEDALSANENSLGGQNAAPGYIGDDKRAAHRFVGRD
SEKRRFLVGRKREDDDEEKRAHMFVGRKREDDKRAHRFVGRKEEERKRRFLVGRKDDDKRNRMFVGRKSDFDNDNFY
DEKRRYFIGKRDGISRDIRRLWIGKRGDGYDKRPHNFVGRKGRHMFVGRKDDFDLAEDKRRMFVGRKMYDDEDYD
DKRARMFIGKRAHMFVGRKYMDDLDEESKRRMFVGRKRRMFVGRKRDDELQDALSLDKRQLYIGKFAVEPAEE
TRDLEEGEEKRNRMFVGRKSAEVROPADASVSSQ*SDASLRAQ*AIPVIPEIPGDYKHFANYVAKRFSEFVGGKR
FSEFLGGKRRFSEFLGGKRRSAEFLGGKRRSEEEYPLEEIPDKRFSEFLGGKRRFSEFLGGKRRSAEFLGGKRRFSE
FLGGKRRFSEFLGGKRRSSGIFDSVPRSERSVDAILKRDFFLGGR*



Peptide logo generated from 10 different peptide motifs from the EFLGamide containing stretch of the FVamide/EFLGamide pNP.

>NKY-1 [GenBank:KF515927]

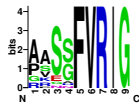
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KETQMNQMNLLKEMSKRAFQWQPMGGPLPVETRLASFGSRIEPRTEPGSGPNGIKAMRYGR*

>NKY-2

MNAIYSAALVLTYSITILGASLHSQQFAVAQPNDSENYDFAAKASSQNSYNWMMRYLLSNAKHIVPDTDQKRFDT
FAMPYLKYKVSPVDKRNNGIWIWMPAQGYVSVPHQOEGGADEGKPGKIMRYGK

>FVRIamide mRNA 1 [GenBank:FJ358432]
 MKGAPYVIPLTLVAVTSLWLCACVAANFHENDAEQQAEEIAELENDPYPKRVVSGFVFRIGRDPSSKASSFVFRIGR
 SSSFVFRIGRNPWGDKRVSFVFRIGKSNDDVPAYLPYDDALVEDQEKRRARSGFVFRIGKSVGDEEKASSFVFRIGKS
 VDEPNYIEDFGHEYEESPEKRASAFVFRIGRPSFVFRIGRDPYKASSFVFRIGKRASDSSEMEDSKASSFVFRIGK
 SVDEEKRNHFVFRIGKSEEDLDKRVSSVFRIGKSLSDDEKRARESFVFRIGKALEDEEEKRGIREGFVFRIGKAKSGF
 VRIGKAKSGFVFRIGKSMDDKASSFVFRIGKDVGDDEKASSFVFRIGNPLGKRPSSGGFVFRIGKNYEGDEVLEEA
 KRPSSGFVFRIGKSMDIVQEDGLAEPVDEAQKRASNFVFRIGKRASDSMSDMTEEH*

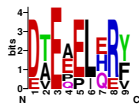
>FVRIamide mRNA 2
 MKGAPYVIPLTLVAVTSLWLCACVAANFHEVCSHFCDSYNKVTSKESCVLVCENFIIKHLQNDAEQQAEEIAELEN
 DPYPKRRVSGFVFRIGRDPSSKASSFVFRIGRGSFVFRIGRNPWGDKRVSFVFRIGKSNDDVPAYLPYDDALVEDQ
 EKRARSGFVFRIGKSVGDEEKASSFVFRIGKSVDEPNYIEDFGHEYEESPEKRASAFVFRIGRPSFVFRIGRDPYK
 ASSFVFRIGKRASDSSEMEDSKASSFVFRIGKSVDEEKRNHFVFRIGKSEEDLDKRVSSVFRIGKSLSDDEKRARE
 SFVFRIGKALEDEEEKRGIREGFVFRIGKAKSGFVFRIGKAKSGFVFRIGKSMDDKASSFVFRIGKDVGDDEKASSFV
 RIGNPLGKRPSSGGFVFRIGKNYEGDEVLEEAKRPSSGFVFRIGKSMDIVQEDGLAEPVDEAQKRASNFVFRIGKRAS
 DSMSDMTEEH*



Peptide logo generated from 20 different peptide motifs from the FVRIamide pNPs.

>GNXQN [GenBank:KF515928]
 MRVLLLAGLLLCVYSAPLQOHSKRLSRAKAAEQVIFGNHQNNARVKGSGPLATPLEPLGQPVKGDEQAIDKKA
 LVTSKVTSSQEDVQVPAEVEGQEDLSDLETDTKGHLAEEDADKLAPLAEDSDASSQDATAADMKDEETEAGSSSQ
 EDATEOSLEQLLNENEKIPSAQQQGFPLDLFGKNQQQGEYMDYPTYDYQYNPYLRRKRSLTPHKARAVNAEDMM
 QGSAGIANSGRRSKRDLDGQERYMWNLDYPEVERRGYEEEEGPPELDEEQEALKEMLRDEILKYNPEMAEEDVNEI
 GEEERYEPEQEAQDLALINLYRNGYAEAPEQPDYEEQGPPEWEDMGPAAEVALPEEEEEPYFNPYGOYASEDNVM
 SAPYSLAKRQYLSFVPGMRKRGNDFYPSYSGPDARWNAMVTEDEVTEKRAEERMYERLLLRLAALALRDRLDELEAQR
 YAEDFPEKK*

>LXX
 MKELTCLLVVATIQLALSAAAPSQNKVVRMKRNYEQPYDLQFHQPDETALVRIKRQRSSAMEPTLVRVCRDEQEL
 KRYKREKRDVEEELQVRVQRKRDTEELHRFKRQRDTEAELEEKRRHSGEVEDPELARTKRFKREAEPLQRYK
 REKRDAAEAEIHRFKRQRDTEQELERYKRDLEPELSRTKREKRVESSTLAKEKGLKEKRSRAAGRRRNQ
 KALKREKRTNMNHRWEKHQRNNGNKHHSRPMKKNVLRKERSDLLANHALRNHLVLSQRNKLGSKLAKHRVKRQ
 KIHQGHYHNKLEADVAKLGRRLRDIALNLHKANLKNAAKRRVVKRTHAKNKKIAAKKH*



Peptide logo generated from 6 different peptide motifs from the LXX peptide pNP.

>CLCCY [GenBank:KF515938]
 MSSIIYKMLLVLCALLIALASSRPSATNQEEVDQANVARLKRRTKCGFQLEACDPYENSPPGMKCANLFGGYC
 LSGIEKMLPQTSYGV*

>CCWamide [GenBank:KF515929]
 MRWIIFCFLIVLFSHTVLCWRIQDFANTDNEADDDTTSARYRQERLLDYLNDVKRRHVKDRQVQKPPYFLTCSAW
 QEPKDPWTNNVHTQCCDEGLVCKCNFWAQNCKKCVSRLWGR*

>QSGamide [GenBank:KF515940]
 MPNSQVLIATVIFCVAVSCVCSKSIQVFNHRNERLKRQIGDLQIAHQAIQGLKHWPKGCVVEIGCGLFDIAASGKR
 KRSSYSNNVEDEFLNNEELRRESNRLVLLQRIADELMRES*

>CCRFamide
 MQVKIIQLTTYSLIIALVQWEVIKALPTFPDMSACQAFCKANFQGEQHIACLTDICRSMYRGRISRFGKRVSHVME
 DDLQEPLEPTALKDRLYAAVMKVQLQHDQDRGSKRLPGEQQEKRSWPFALSLD*

>HFAamide
 MTRDVTAVTLALSIVLVALLLTVQETNSFEYNGYCKMCRWRRGGNLCKCNAVHFAGKRTSATPPPVDVLDLDDV
 TNEVSSRAAEQLRWFTFAALAVQSSKDGQAQENSASEDLRAKQLLLMALKLLSDNSQGNPNWSDITEDRLFD
 NI*

Platynereis pNPs belonging to annelid pNPs families:

>FVMamide_mRNA1

MSLLWVHVAASFVAVVLA^{YSDD}KRFRKPEYQDFVLGKR^{DRPSYIDFLMGS}KRSRR^{IYPEFVDFLLGSS}KR^{PSY}
SDFVLGKR^{SRPSFNDFYMG}RR^{AERPSFSEFFMG}KKR^{NDAFHDYFMG}KR^{DAPNYLDFMTLDDQHV}RKR^{SANEEQTS}
ESHNEANDA^{AVD}KK^{DNDY}GK^{FVMG}KK^{NSQQDFQAFSLG}KR^{QEEKQNYDSFVMG}KK^{KKDKDY}SK^{FVMG}KK^{SKDKYSN}
FVMGKR^{NGDDYSKFVMG}KK^{DNKDYSNFVMG}KK^{NAKDYSNFVMG}KK^{DGQDY}SK^{FVMG}KK^{NDGDYSKFVMG}KK^{NDGDY}
SK^{FVMG}KK^{NDDYSKFVMG}KK^{NDDYSKFVMG}KK^{NDKDYSNFVMG}KK^{NDG}(...)

>FVMamide_mRNA2 [GenBank:JF811328]

(...)^{NADDYSKFVMG}KK^{NADDYSKFVMG}KK^{NDGDYSKFVMG}KK^{NNGDYSKFVMG}KK^{NVDDYSKFVMG}KK^{NDGDYSKF}
VMG^{KK}^{NADDYSKFVMG}KK^{NANEYSKFVMG}KK^{NDGDYSKFVMG}KK^{DDNDYSNFVMG}KK^{NDGDYSNFVMG}KK^{NDGDYS}
K^{FVMG}KK^{NDKDYSNFVMG}KK^{NGEDYSKFVMG}KK^{NDGDYSKFVMG}KK^{NDGDYSKFVMG}KR^SI^{PEYDAFVMG}KK^{NPKD}
L^{DSFYMG}KK^{EQKPDYQSFLLG}KK^{SHGPQNYENFVME}KK^{NGEDYSHFVMG}KK^{KNYQDFVMG}KR^{GSADYQDFVFGKA}
S^{PNYQDFVLG}KR^{SPNYQDFVLG}KR^{RNSQNYQDFVLG}KR^{AAGNYQDFVMG}KR^{GAPQYQDFVMG}KR^{GAPHYQDFVLG}KR^{ASP}
N^{YQDFVLG}KK^{KASANYQDFVLG}KK^{AEPNYQDFVLG}KK^{SEGTO}*

>DLamide [GenBank:JF811324]

MAAGROCLLTALVIFCACSOLTHALNENSVPLEKEDLLLTGDDE^{KRYAFNADLG}KRSQLEELYEDEDADD^{KR}SYGF
RSDLG^{KRRMGFNADLG}KR^{FAAFNTDLG}KR^{YGFNNDLG}KR^{YGFNNDLG}KR^{YSGFRADLG}KR^{YMGFNADLG}KR^{FSS}
FRADLG^{KRLRDLDESH}KR^{YSSFRADLG}KR^{SVPSDDL}KR^{FMFRQDLG}KR^{YSSFRADLG}KR^{AMFRGDLG}KR^{FSDSSD}
DA*

>SLRFamide

MLSVSRWLQVLVVCVLGVVCTCALPSLAGYPDDGLHYRDEEDSFASSDPDKPV^{DDGNLGSLLL}KNLRFRDLNE
YHRLRPALLKSLALKPHYQEAQETKEFN^{KR}G^{DMSVNELAQILNHLKARNVDGGVKLQSLRFG}RRRR

>QERAS [GenBank:KF515937]

MEKIAVFLLVATIALAFSASINQADALYLPTNRVM^{KR}SAAAAAANNHVKISSPRO^{KR}YTDYQERASAF^CTGL^CMYE
ERKSYSE^CFDL^CNYYW*

>MNC

MRSFLLVILALVLSALLVSS^SDDFSSQYSQWQLESEQPKQTEPDISDFARDV^{KR}LLLLHL^{RRR}K^QPNSASPSSRS
AS^{KR}F^QL^QR^IN^{KR}H^CWDVADV^{CC}MWNV^C*

>LEQ [GenBank:KF515939]

MWIPLAAAVLFATVVSNI^GAPLNPLPQKI^RESTKEILGLEQEL^{KR}KAAGEN^{KR}PRPPAEEGPVPAEALADEELVKE
LAAHDEAVKDDKPGQSKETDEDSTEELQOEKAVA^{KAAELKAKQEEQEDL}KDVEKEPESEPDVAQEEEEAQDQEE
PGNEEVHDEEELQNLQAPSNINDLYEDYLNQ^{RQAYDA}KR^{SYGAALDNLAEQENENKDEFVSSLLETIREHPELL}
DEMRTGEVEEEEEQPPSYNPNPSNDQEEALRAEYLAATRGLQEPQQQ^{FESYASNPPYQGS}SPYEENEIRPPMENFQ
NYP^{SDKMAKVVA}KK^{WGYSAPPEYYQ}QEE^{NQAPLMEESAQE}KK^{DHHEESLDQPQHLEPIM}*

Platynereis specific pNPs:

>WLD [GenBank:JF811332]

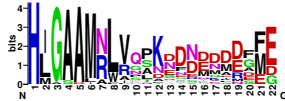
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NSQFIED^{KR}SHKVTRIA^{PWS}KK^{ARANHT}RELLASRIGDLKNA^{KR}WLDNSHF^{NED}KK^{WLD}SMQF^{NED}KK^{WLD}HSQF^K
DED^{KK}WLDNSQF^{RDE}KK^{WLD}NSHF^{NED}KK^{WLD}NSHF^{NED}KK^{WLD}NSQF^{KDED}KK^{WLD}NSQF^{FRED}KK^{WLD}NSQF^{KDD}
DKK^{WLD}HSQF^{KDED}KK^{WLD}HSQF^{KDED}KK^{WLD}HSQF^{FRED}KK^{WLD}NSQF^{KDED}KK^{WLD}NSHF^{NED}KK^{WLD}NSQF^{FRED}
KK^{WLD}NSQF^{KDED}KK^{WID}ASQF^{ADD}KR^{WVDMHFNDE}KR^{SAQGLDSAEDMEESM}KK^{WV}D^{PLNYGLD}RR^KSAYAK
LSM^{CFHQH}C^AH^{LAKMNYQN}C^VQ^{ARC}MPLITSGETEGEATKA*

>SPY [GenBank:JF811331]

MGPRKMPCTSVVQLLFAFVVLCLISAAP^EQSDVENAAEQDVPD^{NAEN}KR^{SSMESD}KK^{AV}KK^{DVNP}SDELIGTK
QD^{KR}SP^{IARLMKSNDD}KR^{SPYAGFMGP}NKR^{SPYAKFMGSSED}KR^{SPYASFMGSNDEE}KR^{SP}IAKLMG^{SND}KR^{SPY}
AK^{FMGSSED}KR^{SPYAKFMTDE}R^{SPYANFMGSNDDEE}KK^{SP}IAKLMG^{SKDD}KR^{LAYAVHPAAFHKFRAG}KR^{SPYAS}
FMGS^{NDEE}KR^{SP}IAKLMG^{SDD}KK^{LAYAVHPAAFHKFRAG}KR^{SPYASFMGSNEE}KR^{SPYANFMSSDD}KR^{SPYAG}
FLANS^{ED}KR^{SPYAGFMTGD}KR^{SPYAKFMTGDEE}KR^{SPYAKFMGSSED}KR^{SPYAKFMGSNEE}KR^{SPYAQFMGSNEE}
KR^{SPYAKFMGSSED}KR^{SPYANFMAGD}KR^{SPYAKFLNED}KR^{SPY}GAYMG^{MSSDD}KR^{SPYAKYMNEND}KR^{SPGFRTM}
RLG^{SNP}^{SIYDVQRDDTAN}AR^{GLRGP}SMEQLSDNGLVQ^{TIDGLKETDKLSD}KR^{IP}TDEDVLL^KSQEDP^{INLPPAM}
MQALLKPGENEV^{KK}DEQNHGRQ^{KR}SALVYDED^{KR}TPYAGFREIMARN^{REL}PVSR^{LNPAPGF}KR^{TFETLNDISDRMG}
SDGMLWSDSYSIPR^FTGSF^{RRR}STDEVHRE^{KR}SPGFRSMKPNW^{PDFDMD}KR^{SPGFR}FMK^{WQSGQDDED}MGA^{KR}S
PGFRHMLRDNGSNSRYRNSYFLDALANELEED^{KR}GAGFRSM^{RIQPDNFEELSDDMIDNDIT}KR^{YFGGSNRFLHP}
AAFHRQLAFSHRRYRG*

>HIGA [GenBank:KF515947]

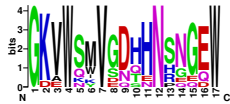
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AEVSVEDAHKEEDNEVKDRSKRHIGAAMNLAQLKEAENKRHIGAAMRLRPSKFEDKRHLGAALNLVRQANKVDKRH
LASAMKLVGRLRMPLSQIDSDVRDQMSSEMNDKRHIGADMRF AEATDNSDMDKRHLGAAMRLVQQPEDSDKMDKRH
LGAAMRLVQPKENDAKRHLGAAMRLVKSNNNDNKDKRHLGAAMRLVGTKENDEKRHIGAAMNLIGLKDDNENKDKR
HMGAAMNLVQTKDGDDEKRHIGAAMRLVQPKETNEMAKRHIGAAMNLAQADNENMDKRHLGAAMRLVQPKDDNMEKR
HIGAAMNLVGLKEDNENMDKRHLGAAMRLVQTKDDDEKRHLGAAMRLVQPKSDGNMDKRHLGAAMRLVQPKQSEEK
RHLGAAMNLVGLKQDNSQSMDKRHLAAAMRLVQAKGDDDKRHLGAAMRLVQPNDDREKRHIGSAMNLIGPKSDEM
KRHLGAAMALLQPKSDDKRHMGAAMNWRNSKNFNDDDRFEKRHIGAAMNLVSPNNDNKDAEKRHIGAAMNWRNSKN
FNDDDRFEKRHIGAAMNLVSSADDDENIDEEKRHMGAAMNWRNSKNFNNDNDEGFEEKRHIGAALNLVSPDDDNIDEE
KRHMGAAMNWRNSKNFNDDDAFEKRHIGAAMALRPANIDDMGMNSMDKRHIGAAMALRPADSDDMAMDMGMGKRHI
GAAMRLRAPSYSDRYSGAVESALVPLPAPPQAKEQKFTPIFTSTVNIYASTYTQNGSNYSRKKMGTPPPPSKGP
FASKILPRVKKGGFWPPPTPRTRPNFFSPESVEIFFKKNKKNTPPPPPPPFFGGGALRGGPTPAFF*



Peptide logo generated from 32 different peptide motifs from the HIGA peptide pNP.

>NGEW [GenBank:KF515948]

MISTGMLYTLFITLFAQSALCAEGVKKSEDSKRSAENYVEKDDDPARRYAGSQYDKKDSWKRFLKDAAKRGDEWKY
VENQNRRQQEWKRFMDQNDLKRRLAEAGQETDNDKRKGVWSMVGDDHHSNGEWKRDDERDLESLENEKRKGVWQWVS
DTHGGQWKAVDSEHPVGSKTDKRGKVSIVGDHHSNGEWKRNDVNETDKRGKVSIVGDQHSNGEWKRNEENS
ETDKRGKVSIVGDHHSNGEWKRNDVIDETDKRGKVSIVGDHHSNGEWKRNDVSETDKRGKVSIVGDHHSNGEW
KMNDVVDETDKRGKVSIVDNHHRNEDWKRNDPSQIDKRGKVVNMVQSEPEGEKRKAWQVSDTHGGQWKRKSV
DKRTSTKALAN*



Peptide logo generated from 11 different peptide motifs from the NGEW peptide pNP.

>AYNPY [GenBank:KF515949]

MVSLRMAPVLWSALLVTLIGLTEVTGEEVSDASLLSDETEDDMEKRAGSRACRCLHDSDDWGSCLACFSRPGPA
PYYGKRAVDPYAWDVEKRAVDPYDWDVKAAYNPYDWRFSAADLEKRAYNPYEFEKRAYNPYDWRFSDTDFEK
RAYNPYDMEVKRGLSSRCCKMIRLTSCKNCSYAPYFTKRAYRTSYRPOFGENCACCRKDRFNYGCCLNACAGKR
K*



Peptide logo generated from 6 different peptide motifs from the AYNPY peptide pNP.

>YTL

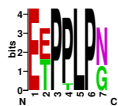
MVEMRIIVLLAFLLPILQICAEVVHTKRFGGPILSSAYTGNYRYKHRNGEERIQRPGAPQPNKNDKRSSNDFDI
DPYKRGLLGALEKIANSKRYTLGTSYGGSYNNDNSDGYPHKRYTLGTSYGGSYNNDNSGGYPHKRYTLGTSYGGSY
NNDNSDGYPHKRYTLGTSYGGS (...)



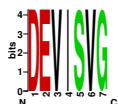
Peptide logo generated from 3 different peptide motifs from the YTL peptide pNP.

>PPLPamide [GenBank:KF515950]

MVYKTIIPLVVILLFGHIHSIPKRTLITLNDEDLREKKAEDAAAYPPFIPPLPGKAGAAASNNELALELALIDKK
GKOPSKNEIALQDLNEDEVISVGKKAQPDVKEELVDRLLLEILKEDTVSGIKREPPPLPGKRETPPLPGKRETPPLP
GKRETPPLPGKREPPPLPNKREPPPLPNKRETPPLPNKREPPPLPNKREDEVISVGKQVLDQDNEELVDRLLLEILKE
DTVSGNKRREPPPLPNKRETPPLPNKREDEVISVGKKAQQDANNEQLVDRLLLEILKEDNVLGEFDTPPVIPLRPNKIE
AIDKEVQDDNMELIDRLLKYLTKK*



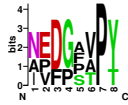
Peptide logo generated from 10 different peptide motifs from the PPLPamide pNP.



Peptide logo generated from 3 different peptide motifs from the PPLPamide pNP.

>PY [GenBank:KF515930]

MDLKTGLICSLSLVLLICTVCSDAFAIRRPENEELVRLARLDRALGEMISSPDDPHELSEPMKRKNEDGAVPYKRN
EDGSTPYKRNEGSSRKLAVDGPVYKRFSDLESLDRVLRLLDMEERLHERNTEKRDDHIPPFPAPT*



Peptide logo generated from 4 different peptide motifs from the PY peptide pNP.

>Qpeptin [GenBank:KF515931]

MGHFSTLLVLLATASVSFAFYIRDDDAALSEARRSDEERDELGAYDPFALFNKRDEDKEKRMAELFDRSISEAVRS
LADFGYPEKRDAEAEFEFAEVAVAEAELEEVADAEQKRQVKKRYLDDFTDLLYMORRGVGEAEELADAVAAEAL
VADAEQKRQVKKRYLDDFTDLFSMQRRGLGETEEELADAVAAEAELEEVADAEQKRQVKKRYLDDFTDLFSMQRRGL
GEAEELADAVAGEAELEEVADAEQKRQVKKRYLDDFTDLFSMQRRGLGETEEELADAVAAEAELEEVADAEQKRQV
LDGVTEFLGMQRKNAEENFTEDAERDLEDMKRYTHLLSSNQGYNRNNGNRLGYNHNRMGYNRKGFKRDFTEEQV
EQMRELKDLFVDHVKRMTEDE*



Peptide logo generated from 5 different peptide motifs from the Qpeptin pNP.



Peptide logo generated from 5 different peptide motifs from the Qpeptin pNP.

>THDamide

MNANQFIACLVAVFCLVAVAVAYPRAPAQWNQVADDDDAFLRSAKARGGPIAAPLWFLKTHDGKRGSPVAAPL
WFLQTTGGKRDAEAVNEDSGLWMVGDKAVKAPGYRTKREAITDEDDMP*



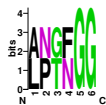
Peptide logo generated from 2 different peptides from the THDamide pNP.

>YYQamide

MNWKAVLLLSLFI LAVTVFVTDGSI PRGGGKIRSRFKARVWNKPGYRKPSDRKPDNEVSVPKSQKKKPVVTL
EDELVYIE*

>FGamide

MAATSRSLSIOLLSSCLLLTFSFESKSLTSAKQLGPOQSPWKRLPTNGGKMRNVNTDNQIPSGNALNSTIVEEK
PVDMEIEVSKKFTVMRNNLANGFGGRHCLSIAIHCDLRFNATSVPVTPCSLLRYFQNCMEDETNLCLP
LKTSLKSLMSGFRANGKCHQMPPLAFHEAWLNSGEGSAECCKPEATWACALQLVSDLKGLHDKTC
DAILQFRNCIAMHTHTCGYKARLLVDGTQGLVWAYKKAFFCK*



Peptide logo generated from the C-termini of two different peptides from the FGamide pNP.

>LPWamide

MKLQTLAILVIAAIATHS LPWGRDLGGVEKVALEEALDKALRNTDFEPQEEERRRRFPESFFNSYRDHYNALN*

>GYamide [GenBank:submitted]

MDISACAFCAIFL FASLLHTGSARPLDEYLIDQEI GKLDQTDREMEMLEKLLYRLIPSEDGENLRNGEDLEDD
SLQNYDKHLKDLHVSTRSHSSSPVRYSNVFGTRNNYEGSRMPLRIAGSKRNFDRNGWGGGYGK*

>SLL-1

MSMLGLQVMILVAVAVVLA SAQGEPPNPMA PKIRTIRDVLFHFVRRNSVKSPNSASLLKRLAYDNKDSKRFIPGA
FSSNCGSFGCNSQSFSGNGFGSQGFGS QGFPSSSYDDDEYYDDDEYYDDEYYDDE*

>SLL-2

MLGLQVMILA AVAVVLA TGQGTGQPPNPMA PKIRTIRDVLFHFVRRNSVRSPPNSASLLKRLGYKKDSERFIPGS
FGTNCGPLGCNNQLSQD SHGFGSRGFEDQGLDTSNDENDEYYDDEYDRDS*

>SHM [GenBank:KF515933]

MKNCVVALALFVLI GLVCLTLA DETERDAAFHPKTYERSSEAI EVNSVEEYESHMKRGAKKCSRNSVCYGVCCGLF
YQRCCKDGWRC TFEPSIRTYC APSHY*

>RNT [GenBank:KF515934]

(...)GHS⁴LT³TM²KOAVNLV¹VFL⁰ILPVSLA⁰AVTLLGQDDEPFYLPNEIATSSQOETANALHQALAHVYSQLATDNRDSD
IEDS⁰K⁰IP⁰PGLRSTSM⁰E⁰K⁰R⁰D⁰R⁰C⁰Y⁰CDLDF⁰F⁰G⁰C⁰RRR⁰K⁰R⁰PD⁰IR⁰SLLAASMF⁰RNT⁰R⁰K⁰RR⁰DSQFTPNLHEISLNPALFD
NTVMDSLHAKRSKLSI*

>SPRamide

MMEKVFVFLIVVALAVLQPAAGGGLER⁰K⁰SS⁰TNDIFLDTTRGDESPRG⁰R⁰SK⁰SKERPRSSSPSKG⁰K⁰RSRSRSKSRN
RDVDIPIVS (...)



Peptide logo generated from the C-termini of two different peptides from the SPRamide pNP.

>QRIamide

MPSDHGNLSLLTRCLLLLTVISLATA⁰CP⁰CMHC⁰GPPMCRAVCA⁰AHDCYK⁰CC⁰CCVFFENRIG⁰K⁰RNSEIQSQPPKEDK
QESLCLF⁰K⁰RQLQLASAKQKEEDENVIP⁰LDVSDIAEAMSVRLSILRASEDRLNP⁰DSSLADTSSPTGLDRFLAFLQQ
AAKSRET*

>QDNamide

(...)GS⁰TTMRSPGLILLGSAALAAG⁰QLHYTAHHRV⁰CCLDNG⁰KRR⁰GPEAIVLE⁰K⁰RFDPLTSFVISLNSLNYSRSDG⁰C
IEYAGL⁰R⁰GNLRILEELEEWPNNDLHREQDHDIVFSSRPERNIDPGTAMN⁰CLEVRISQAEHI⁰K⁰RRLTRIPFFT
HSDLKSMFPPKLDEKDTMMLLAGTVIRPDEEETVYFKITDSQVINGVELYPGSVQFLSAIDRARIVTAEFVMGFA
KYKASSEEEEGGEEPDL⁰Q⁰R⁰VLDLTLRFLQYGTSRPIVSLKEADAFFANQLSDPTLREDIAELNIKAVLGQLNEDF
SYISG⁰K⁰MLAVNFGQTEKPPTTGTLSKFAKRL (...)

>PCNamide

MFMLLGLLLLSFEVQESAG⁰LYVGP⁰SGDSK⁰GILQYLQ⁰QMILGR⁰KK⁰RDLTRNAESAPFC⁰IP⁰CNG⁰K*

>CCAamide

MKTYVSHOREKFARHRML⁰SMLS⁰LVASLLKMSA⁰EPGGIDAKERERLETCAADSI⁰K⁰RDETEMIQQIELRF⁰CQLLCAG⁰K
R⁰PKWTPGMRDVP⁰RWGESINDNSTARFRDEL⁰K⁰KFYDNIDQ⁰ISKEDEASEKSRLEA (...)