

Placozoa - Metazoa

Trichoplax adhaerens

>TAPD-1
CKFNNINYQVGENRKAEDG^CNT^CMCLKNGGWG^CTRMAC^C

>TAPD-2
CIFEEKLFRLGETVKQK^CNQ^CCK^CLGQNKWAC^CTR^CIAC^C

>TAPD-3
CVHNTMLLKQNETKRRK^CNT^CCK^CCLG^CSNRWAC^CTR^CMFC^C

>TAPD-4
CIFEGKMRKEETRADD^CNI^CCR^CCFGNNRWG^CTR^CKAC^C

>TAPD-5
CNYGRRFRFTGDYVARG^CNV^CCR^CCTPTGKFM^CTR^CND^C

>TAPD-6
CILNDREYNISAVTKID^CNY^CCR^CCLKGIWAC^CTR^CMAC^C

>TAPD-7
CEKDGRFFVVRGELRREK^CNL^CCR^CSNSGRWM^CCT^CKMC^C

>TAPD-8
CQHKTRTFHGEIRKDQ^CNF^CCN^CTRNETWAC^CSN^CYS^CC^C

>TAPD-9
CVHRGRRFNIGHIKKQ^CSC^CNT^CCK^CCLTNGGWG^CTR^CMMC^C

>TAPD-10
CQMGNEVSRVGETKFLD^CNK^CCT^CSSTGKWM^CTE^CKV^CC^C

>TAPD-11
CKFNNQYFQKGEQIRNS^CNL^CCK^CGYTGQWAC^CTR^CMMC^C

>TAPD-12
CTYQNTTLYLGEVRKF^CNS^CYS^CCS^CCRGNETVE^CCMEL^CPC^C

>TAPD-13
CYHMGTTYPTGFI^CAKK^CDS^CNK^CCK^CCNKYGLWAC^CTAF^CK^CC^C

>TAPD-14
CTHNNEIYRPSEIRMD^CDN^CRC^CMCLKDGAWG^CTR^CMMC^C

>TAPD-15
CTFRGRTFAAGTIKKQ^CGN^CMCK^CCYTNGEWN^CCT^CTK^CPC^C

>TAPD-16
CEMRGMFLFHGETIRK^CNL^CCT^CCLPTGNMAC^CTAK^CDC^C

>TAPD-17
CKHGKRLFYEGERSKQ^CDN^CEC^CQ^CLSNGSWN^CCT^CQNT^CC^C

>TAPD-18
CRMDRTFEVGHMRHR^CCR^CRC^CMEGGFWG^CCR^CHR^CPC^C

>TAPD-19
CRHSGLKFNHGENRSL^CDN^CTC^CIC^CNNGSWAC^CTMK^CMC^C

>TAPD-20
CVHNNEYYSHRETRKQ^CDN^CTC^CMCTNGKWAC^CTR^CMMC^C

>TAPD-21
CFHENETFQHGATR^CKQ^CDN^CTC^CCK^CIDGRWG^CTR^CMMC^C

>TAPD-22
CQYKDEM^CFQ^CQGEIT^CKQ^CDN^CTC^CCK^CIKGRWAC^CTR^CML^CC^C

>TAPD-23
CEYEDTIYEHNETR^CKQ^CDN^CTC^CCK^CITGKWAC^CTR^CMMC^C

>TAPD-24
CTFRDTLYEHGETR^CKQ^CDN^CTC^CCK^CITGKWAC^CTR^CMMC^C

>TAPD-25
CQYKDTTFAHGETT^CKQ^CDN^CTC^CCK^CIKGRWAC^CTR^CML^CC^C

>TAPD-26
CEYEDTIYEHNETR^CKQ^CDN^CTC^CCK^CITGKWAC^CTR^CMMC^C

>TAPD-27
CTFRDTLYEHGETR^CKQ^CDN^CTC^CCK^CITGKWAC^CTR^CMMC^C

>TAPD-28
CQYKDTTFAHGETT^CKQ^CDN^CTC^CCK^CIKGRWAC^CTR^CML^CC^C

>TAPD-29

CEYEDTIYEHNETRKQDCNTCKCITGKWACTRMMC
>TAPD-30
CTYRDTLYEHGETRKQDCNTCKCITGKWACTRMMC
>TAPD-31
CQYKDTTFAHGETTKQDCNTCKCIKGRWACTRMLC
>TAPD-32
CEYEDTIYEHNETRKQDCNTCKCITGKWACTRMMC
>TAPD-33
CTYRDTLYEHGETRKQDCNTCKCITGKWACTRMMC
>TAPD-34
CQYKDTTFAHGETTKQDCNTCKCIKGRWACTRMLCV
>TAPD-35
CEYEDTIYEHNETRKQDCNTCKCITGKWACTRMMC
>TAPD-36
CQYKDTTFAHGETTKQDCNTCKCIKGRWACTRMLC
>TAPD-37
CEYEDTIYEHNETRKQDCNTCKCITGKWACTRMMC
>TAPD-38
CTYRDTLYEHGETRKQDCNTCKCITGKWACTRMMC
>TAPD-39
CVYEKKNYNITAVVEKDCQRCICGLFARWYCQRKPNC
>TAPD-40
CALGSQQVPTGYKMEEKCROCTCMNDGQWKCNVNSC
>TAPD-41
CTLTNGQIIPHGHVEEKKCEKCKCNDGKYVCTNKPC
>TAPD-42
CEYQNKKFPVNTVKLIGLCHRCKCSPAGNWRCLDLGC

Onychophora - Metazoa

Epiperipatus sp. - Peripatidae - Onychophora - Metazoa

>ESPD-1
CEPGTTYKNDCHCNADGTAGPCTLMFC
>ESPD-2
CEPNTSFKRDCNSCHCNADGTVAACLMTTC
>ESPD-3
CYPGALTFDDEFNRCFCFTKNGLLACTLMYC

Crustacea - Arthropoda - Metazoa

Calanus finmarchicus - Calanidae - Calanoida - Maxillipoda - Crustacea

>CFPD-1
CGLVNGEKEYVGDWADDCKNCICRETGIATCTKRFC
>CFPD-2
CGLLNGEERNVGDWADDCKNCICRETGIATCTKRFC
>CFPD-3
CGENERGVLRQPGDSWQEDCNRCRCLAAGVPGCTKKFC

Gammarus pulex - Gammaridae - Peracarida - Malacostraca - Crustacea

>GPPD-1
CRPGSRFRQKCNWCTCSSQGLKLSKMKC
>GPPD-2
CEGDAMFKDEENCNWCCHNGVAACTLRLC
>GPPD-3
CVEGTSWLDECNRCRTNGLKICTRRMC

Litopenaeus vannamei - Penaeidae - Decapoda - Malacostraca - Crustacea

>LVPD-1
CAPGSRWKDDCNTCTCSDTGISACTLMAC

>LVPD-2
DEGSRWKIDENWCKIRGSPACSSRPC
>LVPD-3
CKPGSAWKPDNWCCTQDGMASCNLRAC
>LVPD-4
ENGSKWKLDNNTCVVDERARCTRKAC

Homarus americanus - Nephropidae- Decapoda - Malacostraca -Crustacea

>HAPD-1
VPGSRWKNDNWCSTETGIGMCTLMAC
>HAPD-2
EGDARWKFDHCNWCSCVNGTGVCSKKIC
>HAPD-3
CKGDPNTSRWRVECNWCRCISGYGVCTRKGC
>HAPD-4
EGTPEWKKDCNNTCNVSGRAVCTTKYC

Carcinus maenas - Portunidae - Decapoda - Malacostraca -Crustacea

>CMPD-1
EGQSRNDRWRKDCNWCSCRDGKARCSRRLC
>CMPD-2
EGNPAWKDDNSCRCVDGRAVCTSKFC
>CMPD-3
ENGSRWRVECNWCSCQGKSHCTEAAAC
>CMPD-4
HGASRWKDCNWCSCVNGRGRCTRKGC
>CMPD-5
VPGSRWLVDNWCSCADNGLYSACTLMAC

Petrolisthes cinctipes - Porcellanidae - Decapoda - Malacostraca -Crustacea

>PCPD-1
VPGTSWKQDCNNTCFCETETGVGVCTLKLC
>PCPD-2
ERGSTWMDDCNRCRANGVGVCTKKAC
>PCPD-3
QGEEGRWREACNWCRCVEGKGVCTRRGC
>PCPD-4
EGTASWKDNCNNTCHCS DGRAVCTAKLC

Pacifastacus leniusculus - Astacidae - Decapoda - Malacostraca -Crustacea

>PLPD-1
APGSRWKNECNWCSCADHGLALCTLMGC
>PLPD-2
SEGSRWKADDNWCRCIDGSPSCTKRRLC
>PLPD-3
YGD PDTNRWRIECNWCRCVNGKGSCTRKGC
>PLPD-4
EGTPTWTKGCNNTCSCVNGSAQCTTEEC
>PLPD-5
VPGSRWKDCNWCSTETAIGMCTLIGC
>PLPD-6
TDGSKWKDDCNWCCTNNGSASCTEKLC
>PLPD-7
VPGSRWKDECNWCWCEANGAAPCTRMGC
>PLPD-8
IDGSRWKVDCNWCCTNNGSSACTEKLC
>PLPD-9
TEGESWRQDCNMCSSTGLRISVKGC

Ellipura - Arthropoda - Metazoa

Folsomia candida - Isotomidae - Collembola -Ellipura

>FCPD-1
CIDGRTKPVDCNQCVCAIGKWACTKMSC
>FCPD-2
CMEGEAKPIGCNQCVCHMNSWACSDFTC
>FCPD-3
CQTEEDVKSKDCNICSRRGVWVCTENDC

Insecta - Arthropoda - Metazoa

Orthoptera

Gryllus bimaculatus - Gryllacrididae - Orthoptera

>GBPD-1
CVPGTTWKLDNCNTCHCTDSGISICTALGC

Schistocerca gregaria - Acrididae - Orthoptera

>SGPI-1
CTPGQTKKQDCNTCNCTPTGVWACTRKG
>SGPI-2
CEPGTTFKDKCNTCRCGSDGKSAACTLKAC
>SGPI-3
CTPGSRKYDGCNWCTCSSGGAWICTLKYC
>SGPI-4A
CTPGETKKLDCNTCFCSDSGIWCTLMGC
>SGPI-4B
CTPNTTFKKDCNTCSNDRGTAAVCTLKAC
>SGPI-4Ca
CTPGATYKEGCNTCRCRSDGKSGACTRKIC
>SGPI-4Cp
CTPGATYKEGCNTCRCRSDGKSGACTRKIC
>SGPI-5A
CTPGDTKKEDCNTCRCTPTGVWVCTRKGCV
>SGPI-5Ba
CTPGATFKNKCNTCRCGNGRSASCTLMAC
>SGPI-5Bt
CTPGTTFKKNCNTCRCGNGRSASCTLMAC
>SGPI-6
CTPGEKKKEDCNTCTCTATGVWACTRRGC
>SGPI-7
CTPNSTFKKDCNTCTCNSSGTSIAICTQLGC
>SGPI-8
CTPGTTFKDKCNTCRCSSNGRSAACTLKAC

Locusta migratoria - Acrididae - Orthoptera

>LMPI-1
CTPGQVKQDCNTCTCTPTGVWGCTRKG
>LMPI-2
CEPGKTFKDKCNTCRCGADGKSAACTLKAC
>LMPI-3
CTPGQTKKQDCNTCTCTPTGIWGCTRKAC
>LMPI-4
CTPNKSFKKDCNTCTCNKDGTAAICTQIAC
>LMPI-5
CTPGTTFQDRCNTCRCSSNGRSAACTLKAC
>LMPI-6
CTPGETKKLDCNTCFCTKAGIWCTLMAC
>LMPI-7
CTPGTTFKKDCNTCSGNDGTAAVCTLKAC

>LMPI-8
CTPNTTFQKDCNTCTCNKDGTAAVCTLKAC
>LMPI-9
CTPGATYKEDCNI¹CR²CRSDGKSGACTKKSC

Blattaria

Blatella germanica - Blattellinae - Blattaria

>BGPD-1
CVPNSTFRQDCNTCH¹CSADGKTA²ACTQKGC
>BGPD-2
CTPGSTFKRDCNTCR¹CSNDGT²TAACTLKAC
>BGPD-3
CVPGSTFKQDCNTCT¹CSADGR²SAACTLKLC
>BGPD-4
CTPGTTFKRDCNTCR¹CSADGQ²SAACTLKSC

Isoptera

Hodotermopsis sjoestedti - Termopsinae - Isoptera

>HSPD-1
CEPGSVFKKDCNTCR¹CSDN²GHAAACTRNIC
>HSPD-2
CIPGTNWKQDCNTCS¹CTSS²SGVPACTLKAC
>HSPD-3
CTPGTNWKQDCNTCS¹CTSS²SGVPACTLKAC
>HSPD-4
CEPGSVFKKDCNTCT¹CSADGR²SAACTEKAC
>HSPD-5
CVPGTTYKKDCNTCR¹CSADGQ²SEACTLKFC

Coleoptera

Tribolium castaneum - Tenebrionidae - Coleoptera

>TCPD-1
CKPGETFKRDCNSCT¹CTLDGK²NAVCTLKSC
>TCPD-2
CKPGETFKRDCNSCT¹CTLDGK²NAVCTLKSC
>TCPD-3
CQPGTTFKKDCNTCV¹CNKD²GTNAACTLKAC
>TCPD-4
CKVGD¹TKFKDCNF²CKCTNGAF³ECTEKKC
>TCPD-5
CTPGQTFKKDCNTCT¹CTPD²GKNAVCTLKKC
>TCPD-6
CAPNDYFKID¹NTCY²NI³EKTGYLCTENLC

Dascillus cervinus - Hydrophiloidae - Coleoptera

>DCPD-1
CTPGTTWKND¹NTCS²CGP³NGAPFCTFKAC
> DCPD-2
CEPGTTWKQDCNSCS¹CLNG²SPVCTLKAC
>DCPD-3
CSQGEQKNDD¹NTCR²CSQ³QWACTKKKC
>DCPD-4
CSQGQTKNED¹NTCR²CANG³KWACTKKKC
>DCPD-5
CSQGQTKNDG¹NTCR²CVQ³QWACTRKKC

Georissus sp. - Colymbetinae - Coleoptera

>GSPD-1
CEQNGLTGKDDCINNCRVVDNKWACSRKLC
>GSPD-2
CTPGSVVKRDCNTCTCTPDGRIGACTLRAC

Meladema coriacea - Colymbetinae - Coleoptera

>MCPD-1
CTPGKSFLNSDGCNTCTCAKDGVNAYCTLMAC
>MCPD-2
CEPGTIIQRDCNSCNVPGIGYACTKRAC

Cicindela campestris - Cicindelidae - Coleoptera

>CCPD-1
CSPGQTKMQDCNSCRCVNGGWACTRKAC

Pyrocoelia rufa - Lampyridae - Coleoptera

>PRPD-1
CAPLSSFKIDCDDCQCSQSEDGTQYSCQVGVC

Diabrotica virgifera virgifera - Chrysomelidae - Coleoptera

>DVPD-1
CPPLVKFRKGCNICICSPNGYDYTCTQNKAC

Mecoptera

Panorpa vulgaris - Panorpidae

>PVPD-1
CEPNTITKYECONDRCRCAKDGSGYMCTRQVC
>PVPD-2
CQPGSKTKYECONDCTCDQSGTSYMCTRRC
>PVPD-3
CEPNSQTRYECNSCRCTADGSGYQCTRRAC
>PVPD-4
CTPGSHFKHQCONDCTCMANGQFAACTLKAC

Siphonaptera

Ctenocephalides felis - Pulicidae

>CFPD-1
CTPGETKQEDCNECICAKADGTGYQCTEREC
>CFPD-2
CEPGSTKKEDCNTCTCTPDGKNYMCTLMMC
>CFPD-3
PGQETRLDCNTCKCASDGTGYFCTRQAC
>CFPD-4
CTPGKTKQIDCNTCTXARDXSGYACTRKMCC
>CFDP-5
CKAGEQRQVDCNTCTCAADGTGYQCTRQAC

Diptera

Culex quinquefasciatus - Culicidae - Diptera

>CPPD-1
-----MVECNKCRCS SDGKLMSC TRKFC
>CPPD-2
CTPNETKQEDCNRCKCAANGIGWFCTRKAC
>CPPD-3
CTPGTSFKSSDGCNDCFCCTETGIAACTMKFC

>CQPD-4
CEPGSSFKSADGCNDCFCCTETGIAACTMKFC
>CQPD-5
CVKGTSFRSSDDCNTCFCGENGVIACRKF
>CQPD-6
CVPGSTFKDAEGCNDCTADGRAACTEKL
>CQPD-7
CEPGTSFKSADGCNCFCTENGIAACTQKFC
>CQPD-8
CKPGTSFKHSDGCNNCYCGENGIAACTQMFC
>CQPD-9
CKPNSRFKYQCNCRCNDNTGKFAACTYKFC

Armigeres subalbatus - Culicidae - Diptera

>ASPI-1
CTPNEVKMEDCNRCCKAANGIGWFCTRKAC
>ASPI-2
CVPGTSFKAADGCNCFGPNGIAA-CTQMFC
>ASPI-3
CVPGTSYKSADGCNCFCTENGIAA-CTLKFC
>ASPI-4
CVPGTSYKSADGCNCFCTENGIAA-CTXKFC
>ASPI-5
CVPGTSFKSADGCNCFCSDNIAA-CTLKFC
>ASPI-6
CEPGTTFRDADDNCNCFCTDDGVAA-CTEKFC
>ASPI-7
CNPGKSFKFQCNTCRCDTSGQTAACFTKFC
>ASPI-8
CAPGSTFKLECNTCRCSADGKLMSCTRKFCPLPDEQSD

Aedes aegypti - Culicidae - Diptera

>AAPD-1
CEPGSTFKLDNCRGADGKVMSCTRKFC
>AAPD-2
CTPNEVKMEDCNRCCKAANGIGWFCTRKAC
>AAPD-3
CEPGTNFKSADGCNCFCTATGIAACTQKFC
>AAPD-4
CVPGSTFRSADDNCFCTETGIAACTQKFC
>AAPD-5
CVPGTTFKSADGCNCFSESGHAACTMKFC
>AAPD-6
CVPGTSFKSADGCNCFCSANGMAACTLRFC
>AAPD-7
CSPGKSFKYQCNTCRCDTSGQTAACFTKFC

Anopheles gambiae - Culicidae - Diptera

>AGPD-1
CEPGTTFMEDCNKCRGPDGQKACTRKMFC
>AGPD-2
CSPNEIKMKDCNRCANNGIGWFCTRAC
>AGPD-3
CTPGTTFRSDDGNCFCTETGHAAC TLKAC
>AGPD-4
CTPRSSFYQCNTCLCSDDGKMAGCTFKFC

Belgica antarctica - Chironomidae - Diptera

>BAPD-1
CENGESYFDGNCTCKNGAYSCTLKAC
>BAPD-2

CDKGQSYFDGCNTCVCGNGVYACTLKAC
>BAPD-3
CDKGASYNDGCNTCTCSNGNYS

Phlebotomus papatasi - Psychododae - Diptera

>PPPD-1
CVPGSSFMDKDNCRVCCTKDGARYACTKRFC
>PPPD-2
CVPGSRFKSSDGCNWCCTCSEDGKHSFCTLMAC
>PPPD-3
CVPKSSFTAPDGCNTCRCSDDGKHSFCTRMEC
>PPPD-4
CTPGQFTASDGCNTCHCNEEGTNAVCTLKAC
>PPPD-5
CTPKSTFTAPDGCNTCRCSDDGKTSFCTRMEC

Lutzomyia longipalpis - Psychododae - Diptera

>LLPD-1
CVPRSTFMDKEGCNRCCTCTNDGARYACTKKFC
>LLPD-2
CTPGSTFKAADGCNTCRCSDDGKNSMCTLMAC
>LLPD-3
CVPKSTFTAADGCNTCTCSENGKYAFCTRMEC

Lepidoptera

Spodoptera frugiperda - Noctuidae - Lepidoptera

>SFPD-1
CLVGSEWESNCHYCRCSDEGVAECLRQDTC
>SFPD-2
CKPNTTFQRDCNTCICLENLGLCTLEFC
>SFPD-3
CEANRMFIKDCNTCWCNEDGTSYYCTRRVC

Bombyx mori - Bombycidae - Lepidoptera

>BMPD-1
CLAGTEWESNCHFRCRCSDSGVAECLRQDSC
>BMPD-2
CQPGTSFQRDCNTCVCLDNLGLCSLDAC
>BMPD-3
CAPGSSWSNQNSCRCNAFGYGICSDEAC
>BMPD-4
CAPKTMWKNECNTCWCCTSDGKPMCTRMEC
>BMPD-5
CAPGSTWSNQNSCRCNADGYAICSDEAC
>BMPD-6
CVPNTTWKNECYTCWCCTSDGKPMCTRVEC
>BMPD-7
CAPGSTWSNQNSCRCNADGYAICSDEAC
>BMPD-8
CAPKTMWKNECNTCWCCTSDGKPMCTKMGC
>BMPD-9
CVANRMFIKDCNTCWCNEDGTTYCTRRVC
>BMPD-10
CKPNETFQIGCNRCRCSNSEGTLYSCTRVGC
>BMPD-11
CQFGQEFRLDNKCLCDKEGKDFSCTRMDC
>BMPD-12
CVPGSVYNQGCNVCRCTDEGRHATCTLMRC
>BMPD-13

CNPGEQFTRDCNDCTCSADGKSVFCTLRLC

Antheraea mylitta - Saturniidae - Lepidoptera

>AMPD-1

CEPGTHWKEGCNFCYVEAGIPACTTLLC

>AMPD-2

CLPGTTWKSQCNYCLCLGDGYPACTFKEC

>AMPD-3

CAAHTIWRDECIIVCRCTIYGEASCMLAC

Samia cynthia ricini - Saturniidae - Lepidoptera

>SCPD-1

CLPRSKWESNCHSCESESAGAAKCVKQKDC

>SCPD-2

CKPNTTFNKGONTCLCLENGLGLCTLQNC

>SCPD-3

CAPGSSWRSQCNDVCNDQGISLCTLALC

>SCPD-4

CAPNTMWKNDONTCRCTTAGKAMCTRIGC

Heliconius erato - Nymphalidae - Lepidoptera

>HEPD-1

CLAGSEWESLCHSCLCSEDGQPECARLGSC

>HEPD-2

CKPLTEFRRDNICICIFESGLGSSCTSMEC

>HEPD-3

CKVGTKWQSQCNNCSDDGMPMCTDMAC

>HEPD-4

CALGTSWKLDONTCYCPPTGRAACTRIGC

>HEPD-5

CRPDEVFEVDCNMCRCSVDGMSFSCTRRAC

>HEPD-6

CQFGQEFTMDCNKCLCNNEGQDYSCTRINC

>HEPD-7

CVPGSVFKQGCNTCQCTEDGNHATCTIKRC

HEPD-8

CNPGEQFKRGONDCACSADGKSVFCALRLC

Danaus plexippus - Nymphalidae - Lepidoptera

>DPPD-1

CNKCLCDNEGQNFSTRIDC

>DPPD-2

CTPGSVFTQDCNTCRCTEDGGHATCTLKQC

>DPPD-3

CNPGEQFKRDCNDCTCSANGRGVFCTLRIC

>DPPD-4

CSVVAFILCLATFCRGGVIKCTPGSKDETC

>DPPD-5

CSPRTEWKSCKHRICSDSGQALCFKIEGC

>DPPD-6

CKPESKFSRDNSCLCTNNGNVICTLKAC

>DPPD-7

CAANRMFIKDCNTCWCNEDGTSFFCTRKVC

Manduca sexta - Sphingidae - Lepidoptera

>MSPD-1

CQPGSEWESNCHSCKCSEAGIAECLKQAAC

>MSPD-2

CKPNTNVAEGLPHLHLSGRRIRLCTLKNC

>MSPD-3

--QETSWMNECHHCWCTSKGYRACTLKGC

>MSPD-4
FHDPEPQHFLLEEKCYIPLFYSGAAFCPLMEC
>MSPD-5
CEPRAEFKSECNVCKCSADGRSFSCTQNEC
MSPD-6
CQPNTIFYVACNACQCNNQGTDFACTLKIC

Epiphyas postvittana - Tortricidae - Lepidoptera

>EPPD-1
NSCTCLENGLGLCTLKNC
>EPPD-2
CAPGSEWKSGCNDVCCTPEGLRS CSSAGC
>EPPD-3
CALHSLWNKESNTCWCCTSDGRAMCTKIGC

Hymenoptera

Apis mellifera - Apidae - Hymenoptera

>AMPD-1
CVPGKSFFDGCNTCTCTDDGNFICTMTAC

Nasonia vitripennis - Pteromalidae - Hymenoptera

>NVPD-1
CFPGAVFQDDCNGCICGSDGKATCTNMDC
>NVPD-2
CVPGSELIHRCNQCFCTDSGTAMMCFKMGC
>NVPD-3
CQADKIFDYNCHQCICDAKGNAMCSGKEC
>NVPD-4
CNPGMIFASDCNVCI CSKNGKGVCTTFSC
>NVPD-5
CLPGSVFLQDCNACTCSNDGLSAACTDMAC
>NVPD-6
CEPSTVFKVYCNCTCGCSSDGSSFSCTRMAC
>NVPD-7
CEPRTQFKEYCNCTCGCADDGLSYICTRRMC
>NVPD-8
CKPHSNFKDYCNCTCFCCNNDGSEFACTRMSC
>NVPD-9
CEPRSHFKDYCNCTCACSEDGTTYGCTMMMC
>NVPD-10
CTPGQVFFMSONLCKCSSDGNYAACTFMQC
>NVPD-11
CPSKSFYNDCNMVCVGPDDASAAC TMMMC
>NVPD-12
CPAGEFFHDKCNVCHCSANGFSAACTLMGC
>NVPD-13
CTPGSTFQMD CNSCTCSNDGKTAMCTGIAC
>NVPD-14
CTPGSNFHQDCNSCICLKDGQSAMCTGIAC
>NVPD-15
CVPKSKFNDYCNCTCGCSDDGSSFICTRRLC
>NVPD-16
CKPRHLFKKDCNHCVNAGGETAQCTVLD C
>NVPD-17
CVPGKSYFDGCNTCF CSEAHSVQCTRRLC
>NVPD-18
CPANQPFWNCNYCTCGPEGKDASCTRMAC
>NVPD-19
CPPNESFMDKCN YCRCGPEGKDAACTKMNC
>NVPD-20

CTPGTYFKTECNTVCVCAKDGSAICTQKQC
>NVPD-21
CTPNSFFHINCNRCCQCSKHGIQYECEKNAC
>NVPD-22
CEPNQVFQNNCNTCACNKDSTAAACTLKEC

Nasonia Giraulti - Pteromalidae - Hymenoptera

>NGPD-1
CVPGKSYSDBGNTCFCSEAHSVQCTRRLC
>NGPPD-2
CPANQSFKNWCNYCTCGPEGKDASCTRMAC
>NGPD-3
CPPNESFIHKCNYCKCGPEGKDAACKMNC
>NGPD-4
CKPKTRFKFYCNTCWCSEEGTTRICTKKYC
>NGPD-5
CKPKTRFKFYCNTCWCSEEGTTRICTKKYC

Pimpla hypochondriaca - Ichneumonidae - Hymenoptera

>PHPD-1
CEIGSNFKNYCNNCYCFDGVMDHALCTRESC
>PHPD-2
CTPGENFKYYCNDCCQLDGLRAHAMCTRMRC
>PHPD-3
CAPGASFKYCNSCTCGAEGKVAEAQCTSQEC

Solenopsis invicta - Formicidae - Hymenoptera

>SIPD-1
CIPGSSYFDGCNNCFQONDAHTVGCTTNWC

Hemiptera

Myzus persicae - Aphididae - Hemiptera

>MPPD-1
CDPGELVFGFCNLCLCNSQGIPNQLCARSWC

Acyrtosiphon pisum - Aphididae - Hemiptera

>APPD-1
CDPGELVFGFCNLCLCNSQGMPNQLCARSWC

Nilaparvata lugens - Delphacidae - Hemiptera

>NLPD-1
CLPGELVWVKCNLCLCNLEGQPNVCAKMWC

Rhodnius prolixus - Reduviidae - Hemiptera

>RPPD-1
CKPGSVWKEDCNTCFCCTETGHVGCITLMHC
>RPPD-2
CTPGTTWKEDCNTCFCSSSTGQIGITLMAC

Triatoma infestans - Reduviidae - Hemiptera

>TIPD-1
CEPNTRFKQECNWCTCSANGEYATCTLLYC
>TIPD-2
CGFGGTVPAGDGCNFCFTPLGTIGTCTMRRC

Oncopeltus fasciatus - Lygaeinae - Hemiptera

>OFPD-1
CTPGSSWREKCKSCVCSKNGTPSCITRILC

Oncometopia nigricans - Cicadellidae - Hemiptera

>ONPD-1
CVPGTTWMDDCNTCHCNVNGLAACRMLC
>ONPD-2
CTPGSSWTENCQTCTCSDQGAVTCTGDSC

Graphocephala atropunctata - Cicadellidae - Hemiptera

>GAPD-1
CVPGTTWKNDNCNSCFSETGVAACTLMGC
>GAPD-2
CTPGSTWTDNCQSCTCSEEGKASC TGAPC

Phthiraptera

Pediculus humanus - Pediculidae - Phthiraptera

>FGPD-1
CEPGQSFKECNTCTCPDSGLKSLAGCTLKLC
>PHPD-2
CEPGSTFKMECNSCKCTDDGTD MVCTKKLC
>PHPD-3
CTPGETFKKLCNDCTCPPTGHKSAATCTLLTC