

```

1
HsaFN1  -----SKSKRQAQQMVPQ-- --QSPVAVS QSKPGCYD-N GKHYQINQQW ERTYLGNALV CTCTGGSRGF NCESKPEAEE TCFDKYTGNT
MonFN1  -----TKKRRQTQQMIQP-- --PSPVAVS QSKTGCYD-N GKHYQINQQW ERTYLGNALV CTCTGGSRGF NCESKPEAEE TCFDKYTGNT
GalFN1  GQRRGGKNNRQAQTASVP-- --QA--TPA QGKQTCFD-N GRYYQINQQW ERIYLGNTLV CTCTGGSRGF NCESKPEAEE TCFDKYTGST
AnoFN1  ---PKDKSKRQAQQQQIV-- --QPALPAA QNKPGCYD-N GQHYQINQQW ERIYLGNTLV CTCTGGSRGF NCESKPEAEE TCFDKYTGVT
XenFN1  ---SKKRRQAQQQQVV-- --QPHGSPD SQQKGCYD-N GKYYQINQQW ERTYLGNTLV CTCTGGSRGF NCESKPEAEE TCFDKYTGVT
DanFN1a GT--GKHKRQAQEHVS-- --S VSQDGCVM-D GQFYGAGEKW ERIYLGSTLL CTCHGVSK-I ECKSKPDAEE TCYDKVNSRS
DanFN1b ---SAGKSKRQAQQQQIHL-- --TVYEEARSLA IHESGCND-N GRVYRMDEW ERPYMDSTLK CTCEGAS-GV KCRSKPAAEE SCYDKFNARS
PetFN1  ---SAGKSKRQAQQQQIHL-- --TVYEEARSLA IHESGCND-N GCVN--N GKMYSAERW ERVYLGRLT CTCTGGDRGW TCEGKPEP-E SCFDQYTGGR
PetFN2  ---ARRGRGAAPLHLR-- -- --GER--A GP-VDVRAQR S----- --WR-----
CsaFN  -----T----- --TPLSHRG YGNVRCKDKD GTFYNVGTNF IQRR--DNYI CNCTVDYE-- NLRLRLSCAS SAYRLFSTSS
CinFN  -----T----- --PLSYQSV-- --RG NENIHCKDKD GTTYNVGYNF VRAR--DNYV CNCTVDY--V NLVTRLSCSS QNYGRFSSRR

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91
HsaFN1  YRVGDTYERP KDSMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPIA-- -EKFCDHAAAG
MonFN1  YRVGDTYERP KDSMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
GalFN1  YRVGDTYERP KDSMIWDCTC IGAGRGRISC TIANRCHEGG KSYKIGDTRW RPHEGTGGYLL ECVCLNGKKG EWTCKPLA-- -ERCYDNTAG
AnoFN1  YRVGETYERP KDSMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
XenFN1  YRVGETYERP KDNMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
DanFN1a YRVGETYERP KDSMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
DanFN1b YRVGETYERP KDNMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
PetFN1  YRVGETYERP KDNMIWDCTC IGAGRGRISC TIANRCHEGG QSYKIGDTRW RPHEGTGGYML ECVCLNGKKG EWTCKPVA-- -ERCYDNTAG
PetFN2  YRAGETWERP KGGLVWDCTC LGASVSRISC TTASRCHEGG SSKYKIGDKWR RVHESGSYMM DCVCLNGKKG EWICNPVSGS QERCYDNTLG
CsaFN  -RPPGPDHP----- --GKSQGPQ-A ARRTRCRLG----- --RG-----
CinFN  -NRNNGYTEHA R----- --S MQADHCFENG QLYQLNTRWK MQYN--GMLV DCIC--NATA RLTCYRSF--SSYFNQVGQ

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181
HsaFN1  TSYVVGETWE KPYQGWMVVD CTCLGEGSGR ITCTSRNRCN DQDT-RTSYR IGDTSKKDN RGNLLQCICT GNGRGEWKCE RHTSVQTT-S
MonFN1  TSYVVGETWE KPYQGWMVVD CTCLGEGSGR ITCTSRNRCN DQDT-KTSYR IGDTSKKDN RGNLLQCICT GNGRGEWKCE RHSSLQTT-A
GalFN1  TSYVVGETWE KPYQGWMVVD CTCLGEGSGR ITCTSRNRCN DQDT-KTSYR IGDTSKKDN RGNLLQCICT GNGRGEWKCE RHTSLHTT-S
AnoFN1  TSYLVGEIWE KPYQGWMIVD CTCLGEGSGR ITCTSRNRCN DPDT-KTSYR IGDTSKKDN RGNLLQCICT GNGRGEWKCE RHSSLQTT-G
XenFN1  TSYVVGQTEW KPYQGWMVVD CTCLGEGSGR ITCTSRNRCN DQDT-KTSYR IGNSWSKTDT RGNLLQCICT GNGRGEWKCD RHSSAQAT-S
DanFN1a TSYMVGETWE KPYQGWMIVD CTCLGEGSGR ITCTSRNRCN DQDT-KTSYR IGDTSKTDG RGHVLQCLCT GNGRGEWKCE RHSLHTT-S
DanFN1b SSVVVGQTWQ KPYQGWMIVD CTCLGEGNGR ITCTSRNRCN DQDT-RTSYR IGETWSKIDS SGHTLQCLCT GNGRGEWKCD RHAASHVIPA
PetFN1  SAHLVGDTWE RPYQGWMVVD CTCLGEGQGR IACTSRNRCN DQET-RRSYK VGETWSRADA RGQPLRCLCI GNGNGEWKCD RQTSSVTA-T
PetFN2  VEFVSGQRWT R----- --AQQQHR EICS----- --CSAG-----
CsaFN  -SGVGVSNNV QP----- --VPQRERSS DQLCLDGTIY LGEDFAVLQP GNFYSIHCHT GNSHNPSTC--
CinFN  -SGVGVSNNV QP----- --VPQRERSS DQLCLDGTIY LGEDFAVLQP GNFYSIHCHT GNSHNPSTC--

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271
HsaFN1  SSGG---PFT DVRAAVYQPQ P-HPQPP--- --PYGHCVD SGVVSVMGMQ WLKTQ-GNKQ MLCTCLNGNV SCQETAV---
MonFN1  TGPQ---TFT DVQTALYQPQ P-QPQPV--- --PYGHCVD SGVVSVMGMQ WLKTQ-GNKQ MLCTCLNGNV SCQETAV---
GalFN1  TSGGSP-SFT NVQTALYQPQ PQQPQPQ--- --PHGHCVD NGVVSVMGMQ WLKTQ-GSQQ MLCTCLNGNV SCQETI---
AnoFN1  IGTGSA-TIT DVRTALYQPQ P---QPA--- --PYGHCVD NGMVVSVMGMQ WLKTQ-GSQH MLCTCLNGNV SCQETTV---
XenFN1  TGSN---PIT NIQTTLFQPD S---ELE--- --PYGHCVD NGVVSVMGMQ WLKAQ-GSKQ MLCTCLNGNV SCQETVE---
DanFN1a LGTGSR-VVT NVQPAVYHPQ G-VPEHP--- --VEGSCLTE AGVSYPAGMR WSKAQ-GSKQ MLCTCLNGNV SCQETESQ---
DanFN1b IGTGS---AVT HRVTPVMNQV NVLNELI--- --EEGNCKTE SGVSYSNGMS WIRTQ-GTKE MLCTCVGGGI SCQEQDGQ---
PetFN1  VSRSSRRFEV G---GVRPPP PPLSLSVGTV YRPTVQCEAD GGALESNGER WYKSQDGGGQ LCTCLPSGV NCQTIIGPP---
PetFN2  ----- --AVLTVSG QECKFPFEES GMLYSTCTFH -RLNRVPYCA TSAIHSSQLE ISNCITSK-- VFT
CsaFN  ----- --AVLTVSG QECKFPFEES GMLYSTCTFH -RLNRVPYCA TSAIHSSQLE ISNCITSK-- VFT
CinFN  ----- --AVLTVSG QECKFPFEES GMLYSTCTFH -RLNRVPYCA TSAIHSSQLE ISNCITSK-- VFT

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361
HsaFN1  -----QTYGGNSNG EPCVLPFTYN GRTFYSCITE GRQDGLWCS TTSNYESQDQK YSFCTDHTVL -----VQT RGGNSNGALC
MonFN1  -----QTYGGNSNG EPCVLPFTYN GRTFYSCITE GRQDGLWCS TTSNYESQDQK YSFCTDHTVL -----VQT RGGNSNGALC
GalFN1  -----QTYGGNSNG EPCVLPFTYN GRTFYSCITE GRQDGLWCS TTSNYESQDQK YSFCTDHTVL -----VLT RGGNSNGALC
AnoFN1  -----QTYGGNSDG EPCALPFTYN GRTFYSCITSE GRNDGTLWCS TTSNFDQDQR YSFCTEQNVL -----VQT RGGNSNGALC
XenFN1  -----ITFGGNANG EPCAIPFTHD GKTYYSCTGE GRQDGLWCA TTSNYDIDKK YSFCNEQAL -----VQT RGGNSNGALC
DanFN1a -----QVYGGTSGG EPCAFPFVFM GKTFYSCITSE GRNDGTLWCS TSSDFEKDYK YSFCTSNVNV -----VTT RGGNSNGALC
DanFN1b -----QVYGGNSGG QPCVFPFVFS GNTHYSCISE GRSDGQLWCS TTSDDYSDGL YSFCTQKNV -----VTT RGGNSNGALC
PetFN1  -----KTHGGNSNG APGVSPFTHK GRGHTTCTAK GRDNGKLWGS TTANYPQKK FSLGSQKKGT T---VTLVTT RGGNSNGALC
PetFN2  -----RTRGGNADG DPCVFPFVFE GMLWGCTAR GRTDGRQWCG TTSNFDQRS YTYCDEHAE M---L---VPS QGGNSHNGALC
CsaFN  -----RTRGGNADG DPCVFPFVFE GMLWGCTAR GRTDGRQWCG TTSNFDQRS YTYCDEHAE M---L---VPS QGGNSHNGALC
CinFN  -----RTRGGNADG DPCVFPFVFE GMLWGCTAR GRTDGRQWCG TTSNFDQRS YTYCDEHAE M---L---VPS QGGNSHNGALC

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451
HsaFN1  HFPFLYNNHN YTDCTSEGRR DNMKWCGTTQ NYDADQKFGF CQTYGGNSNG EPCVLPFTYN GRTFYSCITE GRQDGLWCS TTSNYESQDQK
MonFN1  HFPFLYNNRN YTDCTSEGRR DNMKWCGTTL NYDADQKFGF CQTYGGNSNG EPCVLPFTYN GRTFYSCITE GRQDGLWCS TTSNYESQDQK
GalFN1  HFPFLYNNRN YTDCTSEGRR DNMKWCGTTT NYDADQKFGF C----- GRQDGLWCS TTSNYESQDQK
AnoFN1  HFPFLYNNRN YTDCTSEGRR DNMKWCGTTH NYDGDQKFGF CQTYGGNSDG EPCALPFTYN GRTFYSCITSE GRNDGTLWCS TTSNFDQDQR
XenFN1  NFPPFLYNNRN YTDCTSEGRR DSMKWCGTTA NYDADQKFGF CITFGGNANG EPCAIPFTHD GKTYYSCTGE GRQDGLWCA TTSNYDIDKK
DanFN1a QFPFLYNGRN YTDCTADGRR DGMKWCGTTY NFDKEQRFGE QVYGGTSGG EPCAFPFVFM GKTFYSCITSE GRNDGQLWCS TSSDFEKDYK
DanFN1b QFPFLYNGRN YTDCTAEGRR DGMKWCGTTA DYDREQKYGF QVYGGNSGG QPCVFPFVFS GNTHYSCISE GRSDGQLWCS TTSDDYSDGL
PetFN1  HFPFVFGGRE HVACTSEGRA DGMKWCGTTA NFDTDQRYGF CKTHGGNSNG APGVSPFTHK GRGHTTCTAK GRDNGKLWGS TTANYPQKK
PetFN2  ALPFSFGGRV YSECTAVGRD DGELWCSTTA DFDGDGKYGF CRTRGGNADG DPCVFPFVFE GMLWGCTAR GRTDGRQWCG TTSNFDQRS
CsaFN  HFPFLFRGVE YYDCITTGRO AP--WCATTH DYDRDSRYGY C----- VFT ERGNANGARC
CinFN  HFPFVVRGVE YHNCITTGQR RG--WCATTS NYERDGRYGF C----- VFT ERGNANGARC

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541
HsaFN1  YSFCTDHTV--- --LVQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWCCTTQNYD ADQKFGFCPM AAHEEICTTN EGVMYRIGDQ
MonFN1  YSFCTDHTV--- --LVQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWCCTTQNYD ADQKFGFCPM AAHEEICTTN EGVMYRIGDQ
GalFN1  -----V--- --LVQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWCCTTQNYD ADQKFGFCPM AAHEEICTTN EGVMYRIGDQ
AnoFN1  YSFCTEQNV--- --LIQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWCCTTHNYD GDQKFGFCPM AAHEEICTTN EGVMYRIGDQ
XenFN1  YSFCTEQNV--- --LVQTRGG NSNGALCHFP FLYNNHNYTD CTSEGRRDNM KWCCTTANYD ADQKFGFCPM AAHEEICTTN EGVMYRIGDQ
DanFN1a YSFCTSNNV--- --VVTTRGG NSNGALCHFP FLYNNGRNYTD CTADGRRDGM KWCCTTANYD KEQRFQFCPM AAHEEVCTTN EGVMYRIGDQ
DanFN1b YSFCTQKNL--- --LVTTTRGG NSNGALCHFP FLYNNGRNYTD CTADGRRDGM KWCCTTANYD KEQRFQFCPM AAHEEVCTTN EGVMYRIGDQ
PetFN1  FSLGSQKKGT TTVTLTTRGG NSNGALCHFP FVYFGGRHVA CTSEGRRDGM KWCSTTANFD TDQRYGFCPM AAHEEVCTTN D-VMYRIGDQ
PetFN2  YTYCDEHAE M---LVPSQGG NSNGALCHFP FVYFGGRHVA CTSEGRRDGM KWCSTTANFD TDQRYGFCPM AAHEEVCTTN D-VMYRIGDQ
CsaFN  ----- --LVPSQGG NSNGALCHFP FVYFGGRHVA CTSEGRRDGM KWCSTTANFD TDQRYGFCPM AAHEEVCTTN D-VMYRIGDQ
CinFN  ----- --LVPSQGG NSNGALCHFP FVYFGGRHVA CTSEGRRDGM KWCSTTANFD TDQRYGFCPM AAHEEVCTTN D-VMYRIGDQ

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631

HsaFN1	WDKQHD-MGH	MMRCTCVGNG	RGEWTCIAYS	QLRDQCIVDD	ITYNVNDTFH	KRHEEGHMLN	CTCFGQGRGR	WKCDPVDQCQ	DSETGTIFYQI
MonFN1	WDKQHD-MGH	MMRCTCVGNG	RGEWTCVAYS	QLRDQCIVDG	ITYNVNDTFH	KRHEEGHMLN	CTCFGQGRGR	WKCDPIDQCQ	DSETRTFYQI
GalFN1	WDKQHD-MGH	MMRCTCVGNG	RGEWTCIAYS	QLRDQCIVDG	ITYDVNQTFH	KRHDEGHMLN	CTCFGQGRGR	WKCDPVDQCQ	DSETRTFYQI
AnoFN1	WDKQHE-MGH	MMKCTCVGNG	RGEWTCVAYS	QLRDQCIVDD	ITYDVNQTFH	KRHEEGHMLN	CTCFGEGRGR	WQCDPVDQCQ	DSESQTFYQI
XenFN1	WDKQHD-QGH	MMRCTCVGNG	RGEWTCVAYS	QLKDQCIVDG	ITYDVNSSFT	KRHEEGHMMN	CTCYGQGRGR	WKCDPIDQCQ	DTETRQFYQI
DanFN1a	WDRRHVDVLGH	MMRCTCVGNG	RGEWSCIAYS	QLKDQCIVDN	LYEVNQTFH	KRHDEGYTMN	CTCFGQGRGR	WKCDPIDQCQ	EPETRVFYQI
DanFN1b	WDRRHDTLGH	MMRCTCQNG	RGEWNCISHT	QLKDQCIVNG	QTYDVNETFD	KRHDDGYMMN	CTCFGQGRGR	WKCDPIDQCQ	EPETRVFYQI
PetFN1	WDRPHE-LGQ	AMRCTCIGGG	RGDWTCVPYT	KILDQCVIDG	RTYNVNQTFH	KRHDEGHMMN	CTCLGQGRGR	WKCDAMDQCQ	DTDSRQFYQI
PetFN2	FDSQ---GG	FRRCTA---	---CVPPP	---GQCSVDG	VLHESGKSFF	KRHEEGHMLN	CTCHGREGRM	WTCDDLQCCQ	PSDSRDYHQV
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	-----	-----	-----	-----	-----	-----	-----	-----	-----

721

HsaFN1	GDSWEKYVHG	VRYQCICYGR	GIGEWHCQPL	QT-----	-----	-----	-----	-----	-----
MonFN1	GDSWEKYVHA	VRYQCICYGR	GIGEWHCQPL	QT-----	-----	-----	-----	-----	-----
GalFN1	GDSWEKYVHG	VRYQCICYGR	GIGEWHCQPL	QA-----	-----	-----	-----	-----	-----
AnoFN1	GDSWEKHVHG	VRYQCICYGR	GIGEWHCQPL	SA-----	-----	-----	-----	-----	-----
XenFN1	GDSWEKHLQG	VRYQCICYGK	GIGEWHCQPL	ST-----	-----	-----	-----	-----	-----
DanFN1a	GESWDKLIQG	IHYRCICYGN	GIGELSCPEQ	HS-----	-----	-----	-----	-----	-----
DanFN1b	GQTWNKVIQG	TPYRCSCYGN	GIGEMACEPL	Q-----	-----	-----	-----	-----	-----
PetFN1	GETWVRLVEG	SPYMCICLGG	GIGEWSCNPQ	TN-----	-----	-----	-----	-----	-----
PetFN2	GDTWAKVVDG	LEFRCHCYGN	GIGEWNCCKRT	TP-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	--QKVRSAVS	VYNRIGESVT	LDCQIDGT-S	HNPIIEWYKL	TNSGRRLIYS	YDTSTGRGIL
CinFN	-----	-----	-----	--GMRSANS	VYNRIGESVT	LDCRFPATDT	QYPYIISWYKL	TNEGRQLIYT	YNAADGTGRIL

811

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	GPSAGNLARR	LAVVNSTKLI	ISDMNREDAG	TFECNVANHH	SGSSN-QITK	VSVRPNPAPT	ELQRYVPSR	NEATFSWK-T	NTTHDSVRLE
CinFN	APSADAFAGR	LSVVNSTKLV	ISDMTTADAG	TFECNVVNQA	SGGENTQVTE	VSV-AAPNPT	NLHYTYIPYS	NRVTFSWTPP	ETEFDSLRL

901

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	IQKNGSTRLR	KIRLPGRQES	YTTQDLRRGV	NYEIRVFTVS	NGQDSSPAII	TYIGPR-----	-----	-----	-----
CinFN	LQEHGSRVR	RVRLRRGRIS	YTTNELNVGV	NYIVRLFTIY	NGRDSVPAVI	NYIGPRIPRN	DISEASTAPE	PVVANDEVSI	RWSPDAYPNI

991

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	---WLVQYE	DVESGEIESF	ELPTDATSHS	TTNLTGRRY	RVTLYALLGN	NTVQ-----	-----	-----	-----
CinFN	PATEWLKYE	DVETGNETS	TLPLDVTSH	VDNLLPGRRY	RVTLYALVDQ	NAIEISSNEV	VTEYRPVEIE	SPANVAQPGP	YTATIRWSPP

1081

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	SQDVDDQYEV	YRDQNKVNSP	WFTQVVTNPY	VTLQHLVPGT	TYDVRITPIS	NHRRGISSHV	TLTDDDHNE	GVVLPPSNLQ	LTHPTRSSFL

1171

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	ATWNSPKPLS	STPYRYRIRY	EPYPRKATEN	PIIRTTSQTR	FKVIGLEGKK	TYVYVSTLS	GDEESEIVSG	IISTINEVCL	VNGIWHGNEE

1261

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	-----	ESG-	-----	-----	-----	-----
CinFN	LFFKRNRRNY	LQNCTCTRSR	SGGQWQCDPI	LCREDESQR	SWTHVDETGS	FMQTCACISG	SLKCTYAAPL	PSKKVDYYEN	DEALLKCPYH

1351

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	AGDL	SSRLSLRNHK	DLVIDNLQPA	DAGVYECHLM	YDDVEPTIYY	SNISMIR---
CinFN	ATSRTPITIRW	YKVVVEGERLP	IYTYSSSSSQ	EYEERYAGDL	SGRLGLQDRK	DLIIRDLQPR	DSGLFECHVE	YAGVQPATYY	SNVTVISTTS

1441

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	HIPSNSNSNQ	PQVTNTNTISL	NWDDVEDVSH	YLVEYQDVTH	NEDSRIVSVA	QPEVFLDRLH	PSTMRYRITVI	PVVDGIRGQP	IKTIIVNTDG

1531

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	PPSNLRFD	ARGRTSVRIL	WNAPYRI--N	GEVYSYISRV	EYLLSDSSEQ	PMVVETPNRY	LLIQNLTPGS
CinFN	VSVPOQAPQT	TTPTAAPISN	IAPPRNLRFD	GKGRTSVRAL	WNAPYATPDS	GEQY----RI	EYNLRDSPNE	PEIIRTSNLY	LQVQNLNPGS

1621

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	TYQFHVYAEI	NGARSIPASA	TVTTKRIGNI	LVQASNDRRF	HRVGESARLS	CRYDQTTPGD	HNIKWMRNDQ	DGGFYLIALLY	NTSTSQNLNL
CinFN	TYQFRVFTEL	YGGSSSEPAVG	LVITRPIGKI	LVQASTDRRS	HVKGETAQIY	CRYDQHTPGE	HEVLWLRNYK	NGSFYPLAVY	NTSTSRLMES

1711

HsaFN1	-----	-----	-----	-----	-----	YPSSSGPVE	VFITETPSQP	NSHP-IQW-N	APQPSHISKY
MonFN1	-----	-----	-----	-----	-----	YPGTSGPVQ	VIITESPNQP	NSHP-IQW-N	APEPSHISKY
GalFN1	-----	-----	-----	-----	-----	YAGATGPVQ	VIITESTNQP	NSHP-IQW-N	APKTSHISKY
AnoFN1	-----	-----	-----	-----	-----	YQGSGTPVQ	VIITDVPIHP	DSHP-VQW-V	APSSHIAASY
XenFN1	-----	-----	-----	-----	-----	SPAGTGPVQ	VIITESSNFP	NSHP-IQW-N	APQPSHISKY
DanFN1a	-----	-----	-----	-----	-----	ISGGHRPVQ	VIISEAGNQP	NSHP-IQW-N	APASAHITQY
DanFN1b	-----	-----	-----	-----	-----	---TAPVR	VIITEAGNQP	NSHP-IQW-N	APPSAHITQY
PetFN1	-----	-----	-----	-----	-----	LNEVKTPIQ	VFISDASNQA	SSHPRIEWAN	TQQLPHVTGY
PetFN2	-----	-----	-----	-----	-----	PEASVQPVQ	VMISESPTNR	HSHP-VRW-I	NPSSSAASGY
CsaFN	ND--EYRGR1	LSPQSSQLVI	NNLRPSDSAN	YKCIIV	-----	-----	VINNLRPSDS	ANYKCIVKFA	TGGGSGTTSL
CinFN	ENVGDYSGRL	ISNEPTRLLI	QNLIRSTDDGT	YKCIIVKFLTG	GGSGSTRITV	V--GPPNKVY	FTSANRSSEV	GNYL-LSW-H	VDDVPRATKF

1801

HsaFN1	ILRWRP--KN	SVGRWK----	-----	-----	-----	-----	EATI-PGH	LN-----	-----
MonFN1	ILRWKP--KN	SPGRWK----	-----	-----	-----	-----	EATI-PGH	LN-----	-----
GalFN1	ILRWRP--KI	SGRHWK----	-----	-----	-----	-----	EATI-PGH	LN-----	-----
AnoFN1	ILRWKP--KN	SRIKWK----	-----	-----	-----	-----	EATI-PGY	QN-----	-----
XenFN1	ILRWKP--KL	KTGPWK----	-----	-----	-----	-----	QATI-PGH	LN-----	-----
DanFN1a	ILKWRP--KN	THIQWM----	-----	-----	-----	-----	EVTI-PGH	VN-----	-----
DanFN1b	ILKWRV--KN	TRTPWK----	-----	-----	-----	-----	EVTI-PGH	LN-----	-----
PetFN1	LLRWKQ--KN	SRLSWR----	-----	-----	-----	-----	EVSV-PAR	IN-----	-----
PetFN2	NLKWRA--KD	SEARWR----	-----	-----	-----	-----	EVDL-GVK	ED-----	-----
CsaFN	TVVGPPDQRG	SQRSYK----	-----	-----	-----	-----	HALAPPTR	INLIHSSPRQ	VSFNVVGPQE
CinFN	YLGVRK--RG	SRRTYNFQMA	GNARSFLFRN	LKEGKTYEGN	VISNNRYGNS	TSSDFYFSTP	STNAPNPPTA	VNLIDLSPRR	ISFNVDGPPE

1891

HsaFN1	-----	-----	-----	S	YTIKGLKPGV	VYEGQLISIQ	QYGHQEVTRF	DFTTTSTSTP	VTSNTV	---	---	TGETTPFS
MonFN1	-----	-----	-----	S	YTIKGLRPGV	IYEGQLISVQ	HYGHKEVTRF	DFTTTSTGPP	VSTNMV	---	---	TGETTPPP
GalFN1	-----	-----	-----	S	YTISGLKPGV	VYEGQLISVQ	QHGPKEVTRF	DFTTTSTTAV	TSNTVS	---	---	G-ETTLPL
AnoFN1	-----	-----	-----	S	YTISGLRPGI	LYEGQLISVQ	HYGKREVTRF	EFTTSTSTSI	STTRVT	---	---	G-ETTLAL
XenFN1	-----	-----	-----	S	YTISGLKPGI	LYEGQLISIL	QYGNREVTTT	DFTTTSTIHR	SSQTET	---	---	G-ETTLPL
DanFN1a	-----	-----	-----	S	YTIAGLKPGV	TYEGQLISIL	RFGRRETTTRF	DFSTVHGSLE	TSEG	---	---	ETTQPP
DanFN1b	-----	-----	-----	S	YTISGLKAGL	TYEGQLISIL	RYGPREVTRF	DFTTYYGSLA	KAEG	---	---	ETTQPP
PetFN1	-----	-----	-----	S	YTIITGLKPL	TYEGQLITLL	VSGLREVTRF	EFTTSLVTHH	FGG	---	---	TVPP
PetFN2	-----	-----	-----	G	YVVTGLDPGI	TYEGQLFTLR	PDGHRDVTRF	QFSTSATPRA	YPGG	---	---	SSPPWP
CsaFN	NVQFYKVS	YK	PEGASDADLE	I	LEGNNANAP	ITLSLLTPNT	PYIINVVATN	GNRRSPALIT	SITTPENVRL	FRINFVLVLI	---	IDTLEVPDVP
CinFN	NVQLYRIYYK	PEGTSDAGMQ	VIEGR	-DNP	FTITGLTPNT	PYILRLVAVN	DDGTSEPLNT	AIITPK	---	---	---	EPPAKP

1981

HsaFN1	PLVATSESVT	EITASSFVVS	WVSASDTVSG	FRVEYE	-LSE	EGD	---	EPQ	YLDLPSTATS	VNIPDLLPGR	KYIVNVYQIS	EDGEQSLILS
MonFN1	PVVTSESVT	EITASSFVVS	WVSASDTVSG	FRVEYE	-LSE	EGD	---	EPQ	YLDLPSTATS	VNIPDLLPGR	KYIVNVYQIS	EEGEQNLILS
GalFN1	PMVATSESVT	EITASSFVVS	WVSASDTVSG	FRVEYE	-LSE	EGD	---	EPQ	YLDLPSTATS	VNIPDLLPGR	KYIVNVYQIS	EEGEQNLILS
AnoFN1	SMVSTSESVT	EITANSFVVS	WVSASDTVSG	FRVEYE	-LSE	DGD	---	EPK	YLDLPSTVTS	VNIPNLLPGR	NYIVRYQIT	EEGKPDILILS
XenFN1	PLVATSESVT	EITASSFLVS	WVSASDTVSG	FRVEYE	-LSE	DGD	---	EKR	YLELPTNTATS	VSIPDLLPGR	RYNVNVYQIT	EEGEKSLILS
DanFN1a	RMVDTSESVT	EITSSSFVVS	WVSASDTVSG	FRVEYE	-LSE	EGG	---	QTGQPM	ITLDLPHSATS	VNISELLPGR	KYTVNVYEVN	GEGEPNLLIT
DanFN1b	QVVDTSSEVT	EITSSSFVVS	WVSASDTVSG	FRVEYE	-LSE	EGA	---	QKR	VLDLPRITTS	VNIQDLLPGR	RYNVDYVEVN	PEGDTKLILIT
PetFN1	VLSGASETMT	EITSSSFVVS	WVSTSSSVSG	FRVEYE	-LSE	DGAVTHRLGR	---	---	RSDLPNTANS	VSLENLLPGR	RYHVKVYEVN	DGQDSSLILI
PetFN2	WCGHNTN	---	---	---	---	DGR	---	---	SHDSLLEKEA	DLLP	---	PPV
CsaFN	VVLSKLEAAR	EVVLN	---	---	---	DGN	---	---	TMSQRSTGDV	VRME	-LEPDT	QYQVNVVAVN
CinFN	VLLQTTEEAR	LATLR	---	---	---	SGS	---	---	EIM	TLESVATNNI	IEVP	-LEPDT

2071

HsaFN1	TSQTT	---	A	PDAPPDITVD	QVDDTSIVVR	WSRPQAPITG	YRIVYSPSVE	G	---	S	-STE	LNLPETANSV	TLSDLQPGVQ	YNITIYAVEE
MonFN1	TSQTT	---	A	PDAPPDHAVD	RVDDTSIVVR	WSRPQAPITG	YRIVYSPSVE	G	---	S	-STE	LNLPETANSV	TLSDLQPGVQ	YNITIYAVEE
GalFN1	TSQTT	---	A	PDAPPDHAVD	RVDDTSIVVR	WSRPQAPITG	YRIVYSPSVE	G	---	S	-STE	LNLPETANSV	TLSDLQPGVQ	YNITIYAVEE
AnoFN1	TSQTT	---	A	PDAPPDHHVE	NVDDTSILVS	WSRPEAPITG	YRIVYTPSVE	G	---	S	-STE	LNLPDTSATSV	TLSDLMPGVQ	YNISIFAVEE
XenFN1	TTQTT	---	A	PDAPPDHHVE	NVDDTSILVS	WSRPEAPITG	YRIVYTPSVE	G	---	S	-STE	LNLPDTSATSV	TLSDLMPGVQ	YNISIFAVEE
DanFN1a	TSQTT	---	A	PDAPPDHEVE	DVADTSIRIS	WSKPLAPITG	YRVVYTPSEE	G	---	S	-STE	LNLPEHSTSL	TLGDLRPGIE	YNITIFAVEE
DanFN1b	TTQTT	---	A	PDAPTNEHVS	NVQETSIVIR	WSKPKAPITG	YRVVYTPSVE	G	---	S	-STE	LILPETQTSV	TLGDLRPGLS	YNISIYSVED
PetFN1	TTQTT	---	A	PDAPPQGEVET	EATDTSILVR	WIAPKAPITG	YRVVYTPSEE	G	---	S	-STE	LILPETQTSV	TLGDLRPGLS	YNISIYSVED
PetFN2	VSMYP	---	A	PEPPEGLKVV	DMTESSITIG	WDRITDEQLTA	YRVVLLPD	---	---	---	---	---	---	---
CsaFN	FVTRP	---	P	PATPIKLTVL	RNQPNQLTSL	RGDADHSVDY	YILQYQDNS	---	---	---	---	---	---	---
CinFN	FVETPAEQIP	---	P	PARPTRFDEI	TPTWNSANLT	WSGSLFAVQY	YVFEYQSD	---	---	---	---	---	---	---

2161

HsaFN1	NQESTPVVFIQ	QE	---	TTGTG	RSDTVSPSPRD	LQFVEVTVK	VTIMWT	---	P	PESAVTGYR	---	---	VDVIP	VNLPGEHG	---	QR	---	LPISR
MonFN1	NQESTPVVFIQ	QE	---	TTGVH	RQDNVPPPTD	LQFVEVTVK	VTIMWR	---	P	PESAVTGYR	---	---	VDVIP	VNLPGEHG	---	QR	---	LPISR
GalFN1	NQESTPVVFIQ	QE	---	TTGVP	RTDEVSPSPKD	LQFVEVTVK	VTIMWT	---	P	PESAVTGYR	---	---	VDVIP	VNLPGEHG	---	QR	---	LPISR
AnoFN1	NQESSPIFIQ	QT	---	TTGVP	RESTIPSPKD	LQFVEVTVK	VTIMWN	---	P	PDSAVTGYR	---	---	VEVIP	VNRPGEHG	---	QR	---	LPISR
XenFN1	SLESPIFIQ	QT	---	TTGTP	QTVIVPSPTD	LQFVEVTVK	VTIMWN	---	P	PDSAVTGYR	---	---	VEVIP	VNRPGEHG	---	QR	---	LPISR
DanFN1a	NQSESPVFIQ	VT	---	TAGEP	LAEVPSPTD	LQFVEVTVK	ITITWT	---	S	PSSEVSGYR	---	---	VS	VGEVPGDGLI	---	EKEVPYPTQ	---	---
DanFN1b	NLESEPLVLQ	AS	---	TAGEQ	QPEEIQAPTD	LQFVEVTVK	ITITWT	---	G	PPNEVSGYR	---	---	VTAP	VSTDGQA	---	QR	---	LPISR
PetFN1	TDQSEPVFIQ	QSTL	---	PGTGQH	RELILAPPTD	LQFVAVTETK	IVLMWN	---	P	PDAMMGFR	---	---	IVTAP	LGRAQEA	---	FR	---	VPFTE
PetFN2	DAQSRPSSLO	ASTHGD	---	SRSQ	RRTRL	---	---	---	---	---	---	---	---	---	---	---	---	---
CsaFN	--DGVPSTLA	ETVYSTPNQK	---	---	VKVSIYLPQP	---	---	---	---	---	---	---	---	---	---	---	---	---
CinFN	--EGGHSPL	VDFYETLTS	---	---	QRTNL	---	---	---	---	---	---	---	---	---	---	---	---	---

2251

HsaFN1	NTFAE	---	V	TGLSPGVTTY	FKVFAV	---	SH	GRESKPLTAQ	QTTK	---	---	---	L	DAPT	N-LQFV	NETDSTVLVR	WTPPRAQI	---	---
MonFN1	NTFAE	---	I	SGLSPGVTTY	FKVFAV	---	NQ	GKESKPLTAE	QTTK	---	---	---	L	DAPT	N-LRFV	NETDITVLVT	WTPPRAI	---	---
GalFN1	SSFAE	---	V	VDLLPGTYYL	FKIFAV	---	SH	GRESKPLTGE	QTTK	---	---	---	L	DAPT	N-LRFI	NETEHSVLVL	WTPPRAI	---	---
AnoFN1	YSFYE	---	V	TELLPGTYYL	FKIYAL	---	GQ	GTESEPLTGE	QTTK	---	---	---	L	DGPT	N-LRIV	NETDITVLVT	WTPPRAI	---	---
XenFN1	NTFAE	---	V	VNLHPGRTYT	FEVYAV	---	NR	GQSESEPLAGD	FTTK	---	---	---	L	DAPSD	-LQFT	DVTDSTVVII	WRPPQAKI	---	---
DanFN1a	NAYAE	---	I	THLQPGTLYR	FFIFSL	---	KS	GESESEPLVGE	QATK	---	---	---	P	DPPTD	-IYFS	NITEDSAVIV	WLPPPTAQI	---	---
DanFN1b	NAYAE	---	L	MRLQPGTLYR	FHIYAV	---	SG	GVESEPLVGE	KSTK	---	---	---	P	DAPTD	-LRFT	DTIDDSALVI	WSPFPAQV	---	---
PetFN1	HTFAD	---	M	DGLQPGVTYR	FEVYAVYHOG	---	---	GQESQPLVRE	QTTGAPV	---	---	---	V	DAPSD	-MRFV	EITETSVAIN	WTAPQAAL	---	---
PetFN2	--FVTLNIIY	KQSAAGP	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CsaFN	RRFTDDEHYL	DNLTPGSR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
CinFN	RTFTEEEIHL	DNLTPGSTYR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

2341

HsaFN1	GYRLTVGLTR	RGQ	---	---	PROQNVGP	SVSK	-YPLRN	LQPASEYTVS	LVAIKGNQES	PKATGVFTT	---	---	LQPGSSI	PPY	---	NTEVT	---	---	
MonFN1	GYRLTVNPTR	GNQ	---	---	PKQNVGP	SATQ	-YPLRN	LQPGSEYTVS	LVAIKGNQES	PKATGVFTT	---	---	LQPASSI	PHY	---	NTEVT	---	---	
GalFN1	GYRLTAGPTR	GGQ	---	---	PRTYNVGP	SATK	-YLLRN	LQPGTEYTVY	LVAIKGNQES	PKATGVFTT	---	---	YQPVGSV	PPF	---	NTEVT	---	---	
AnoFN1	RYQLSVGPTT	GGQ	---	---	PROHNVGP	SATK	-YLLRN	LQPGTEYTVY	LVAIKGNQES	PKATGVFTT	---	---	LQPRGSV	PHY	---	NTEVT	---	---	
XenFN1	RYLLSVGQTR	GGQ	---	---	PSQFHINP	SATN	-HKLES	LSPGTEYTVY	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---	
DanFN1a	GYRL-FLTVE	GSN	---	---	PKQLRIPG	RLSQ	-YLLRN	LQPDTEYTVY	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---	
DanFN1b	GYRL-FISIG	SSS	---	---	PKQLRIPG	HSQ	-YKLPN	LQPDTEYTVY	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---	
PetFN1	SYHLSYGPT	PGA	---	---	GRPKSLAVSP	EARH	-HTERG	LSPATEYTVY	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---	
PetFN2	GYRVRLPAA	GGEEDEGAAA	---	---	GHQEEEEELPA	GTSS	-HRLEG	LQPGQHYVIT	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---	
CsaFN	YYILQYQES	GGQ	---	---	VLERRFTD	DE	---	VLHLDN	LTPGSRVYVT	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---
CinFN	QYNVRYAPAD	GTE	---	---	PETSFYTR	GSSPVITLSR	---	---	LNPATRYVIT	LVAIKGNQES	PKATGVFTT	---	---	TPVGSNI	PPY	---	NTEVT	---	---

2431

HsaFN1	ETITIVTWTP	APR	---	IGFKL	GVRPSQGG	---	---	EAPRE	---	VTSDS	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
MonFN1	ETITIVTWTP	APR	---	IGFKL	GVRPSQGG	---	---	EAPRE	---	VTSDS	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
GalFN1	ETISIVTWTP	APR	---	IGFKL	GVRPSQGG	---	---	EAPRE	---	VTSDS	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
AnoFN1	ETISIVTWTP	APR	---	IAFKL	GVRPSQGG	---	---	EAPRE	---	VTSDS	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
XenFN1	ETIVTWTP	VPR	---	IGFKL	DVRPSQGG	---	---	EAPRE	---	VTSDS	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
DanFN1a	DTISIVSWSP	LPK	---	IGYKL	TVRPSQGG	---	---	EAPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
DanFN1b	DTAIVTWTP	VAK	---	FSYRM	SVKPSQSG	---	---	ETPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
PetFN1	ETSLTRWKP	TASVS	---	VLFRK	FI-PSLSS	---	---	ETPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
PetFN2	ETITIVSWAS	VPG	---	LVVRV	LLVLSSEG	---	---	ADPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
CsaFN	PYEVLVVDG	PSD	---	HITRY	HVTYS	---	---	ADPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---
CinFN	DDEVTLWNP	PVDVSLVRRY	---	---	IVQYKDGSI	---	---	ADPRE	---	VTSEL	---	---	---	GSIVVSG	---	LTPGVEYVYT	---	---

2521

HsaFN1	IQVL	RDGQER	DAPI	VNKVVT	P	-----	-----	-----	-----	-----	---	SPPTN	LHLEAN	PD	TG		
MonFN1	ISVL	RDGQER	DSPI	VKKVVT	P	-----	-----	-----	-----	-----	---	SPPAN	LHLEAN	PD	TG		
GalFN1	LTVL	MDGQER	ETPI	IRRVVT	P	-----	-----	-----	-----	-----	---	SPPTN	LRLEPN	PD	TG		
AnoFN1	ITVL	TDGQER	DAPI	VKTVVT	P	-----	-----	-----	-----	-----	---	SPPTN	LHLESN	PD	TG		
XenFN1	ISVL	KDGVVER	DIPIT	KTVVT	P	-----	-----	-----	-----	-----	---	VAPPTN	LRLOPS	R	DSA		
DanFN1a	VQP	VISGQEH	GNP	ITRRVVT	P	-----	-----	-----	-----	-----	---	SPPTD	LNLESN	P	NTG		
DanFN1b	LQPL	FSGRKH	GSP	ITNKVVT	S	-----	-----	-----	-----	-----	---	SPPTD	LNVEPN	S	VNG		
PetFN1	VSIL	WDGRQI	ARPA	TKITTT	L	-----	-----	-----	-----	-----	---	LMPQD	VQVDFN	S	PSG		
PetFN2	IIIL	HGVQR	GPP	IVKLVT	S	-----	-----	-----	-----	-----	---	VPPPRG	IEVEPR	G	DTG		
CsaFN	VSSV	NSVKS	NPR	TVTFTL	P	-----	LPT	EP	TPPPLSST	LVV	TPPSP	---	IHPPTH	LRVDHR	G	FSS	
CinFN	TSTM	ATTMAS	TRRT	TTSEPT	P	PPVE	PIRLPT	EP	NPRIEPT	PMPI	IEPTMP	MLR	ITPVSATQ	LT	ESLLVPTPIR	LQVL	RRGFT

2611

HsaFN1	VLTV	SWERST	TPDI	TGYRIT	TTPT	NGQQGN	SLEE	VHADQ	SS	-CTFDNLS	PGLEY	NVSVY	TVKDD	KESVP	ISDT	TIPEVP	QLTDL	SFVDI	
MonFN1	ILTV	SEKST	TPDI	TKYRIT	TTPT	SGQEGY	TLEE	VNPQD	NS	-CTFENLS	PGVEY	NVSVY	TVKGD	QESVP	ISDT	TIIPAVP	P	-----	
GalFN1	ILIV	SWDRST	TPGI	SGYRVT	TAPT	NGQQGS	TLEE	VVGADQ	TS	-CTFENLN	PGVEY	NVSVY	AVKDD	QESIP	ISKT	ITQAVP	P	-----	
AnoFN1	VLTV	SWERST	SPDI	TGYRIT	TIPT	NGQQGY	TLEE	AVDADQ	TT	-CIFEHLS	PGVEY	NVSVY	TVKDH	QESLP	ISET	ITQEVV	QLTDL	SFVDI	
XenFN1	TLTV	YDSSSI	SPGI	TGYRIT	TAPT	PMQVGN	SLEEE	VGPTQ	TY	-CLFENLS	PGVEY	NVSVY	AVKG	EEEESSP	LSQI	FLQEI	QLTDL	KYDDV	
DanFN1a	KLT	VQNDAN	IPDI	TGYRVT	CTPT	KGQQGN	SLEE	FVKAGQ	NS	-CTLENLS	PGVEY	NVSVF	TVKDD	MESVP	VFTT	VTVPDVP	KITDL	SFINV	
DanFN1b	ELNV	RVRGRTK	SPDI	TGYRVT	GTP	INGQRGV	SLEE	SVRGDE	TS	-CILENLS	PGVDY	NISVY	TVKNH	LESEP	IST	SVTQDVP	KVGD	LSFVDF	
PetFN1	VLTI	SWORVA	VPEL	TGYRVR	GVPL	RQGRGN	SLDE	LLRPDQ	TS	-FVL	DGLT	PGVEY	NITVA	TVKG	VLESKP	FSTTL	TTVTP	RPSDL	SFTDV
PetFN2	ELRI	SWIAPE	MPEV	GKKRSA	SWNK	QHTYGG	ILL	KLCTATP	SSL	CMNRQLR	PGTEY	EVAVH	TIVGE	HESVA	LMGT	QRTAPD	PPREL	QIVAV	
CsaFN	TLAD	LAWRSPA	S	-DIDGYIE	YDST	FTQHGE	PKV	QNLDASS	TS	-ITLTKLI	PGTEY	QAQVF	SKRG	TQQSL	STVT	FMTQLD	SPSN	VH-VRP	
CinFN	DAEI	AWTSPG	S	-NIDGFLVE	YDIT	FTRHGE	PQT	QQLRENV	RR	-TTLEDLI	PGTEY	QVKLF	SKRGS	LQSRP	SLVT	FMTKLD	APSN	VH-VSP	

2701

HsaFN1	TDSS	IGLRWT	PLNS	STI-IG	YR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	TDTS	IALRWT	PLNA	STI-IG	YR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	TDTS	IDLRWT	PLNS	STI-IG	YR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	TDST	IGLSWS	PLNS	TAV-TG	YR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	TDTT	IGIRWT	PLKY	QAV-TG	YH	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	SDTS	LVLRWT	PLSV	PGI-TG	YR	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	SDSS	LNQLWL	PPAE	AAV-SG	YR	VRCA	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	NDDE	LILWLQ	NPEG	PRTGTR	FRY	RKAS	---	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	QSDR	LIISWV	NPDG	PRVGT	FKY	RKPNGPW	RQVR	LAPDVT	SYAI	PIRSIH	DTYE	VSITAF	GRTI	ESLPRT	LT	VHPRLTEP	DDRT	SKSPVD

2791

HsaFN1	-----	-----	ITV	VAAAGEGI	PIF	EDFVDSS	VGYY	TVTGLE	PGID	YDISVI	TLING	GE	---	---	SAPT	TTL	TQQT	A--VPP	
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
AnoFN1	-----	-----	ITV	VAAAGESV	PIYE	EFVGPT	DGYY	KVSGLE	PGID	YEISVI	TLIS	GGE	---	---	SAPT	TTI	VQHT	A--VPP	
XenFN1	-----	-----	ITV	VAAAGESV	PIYE	EFVGPT	DGYY	KVSGLE	PGID	YEISVI	TLIS	GGE	---	---	SAPT	TTI	VQHT	A--VPP	
DanFN1a	-----	-----	ITV	LAAGDSV	PIF	VEFVEPT	TGF	YTVHGLE	PGID	YDITVT	TVT	ENGE	---	---	SEP	ITI	TQQT	A--VPA	
DanFN1b	-----	-----	ITV	TSGQNF	PILE	DVVNSS	VNY	YTIRGLE	PGIN	YDISVS	TIT	DEAE	---	---	SVPS	VI	TQQT	QTAVPA	
PetFN1	-----	-----	VTVS	LPDGS	PLLE	DTVGPR	TGY	AVEGLR	PGV	YDIGVS	TLSE	DGE	---	---	SEP	ARR	QT	TA--VPP	
PetFN2	-----	-----	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
CsaFN	-----	---	EED	PSV	MFAASNG	RED	PRYVSSD	SGL	MLLPDLS	PHAE	YTLTII	ILL	HGTQ	---	---	RGPP	IV	KHVT	IAELAD
CinFN	ITQV	EDTSAT	LRFH	MPSENG	FTV	LEDEDS	QPR	TINLPQY	VTY	QLEHLK	PST	QYTM	SLA	NGD	STVDIDS	LQFL	TKPSPA	TDF	TAQEIS

2881

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
CsaFN	DSFR	LNWIQ	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---		
CinFN	NGFI	LWSP	QGS	INGYRLK	YRP	VSGNVDG	EWNE	VRIRPS	DEY	TTTNLI	PST	LYDVIT	IT	PTY	ANPN	AHR	YSEL	GIPSSI	QVTI	IPLEVS

2971

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----		
CinFN	ITPR	TSPAPR	PPSN	VEFSHV	TPVS	VHASWT	PSPD	RDL	DLY	SVVL	KDENGS	TVVSG	NLRNS	FAIF	RDLTPR	SVYH	LFVYAV	RRDL	QSV	PAN

3061

HsaFN1	-----	P	TDLR	FTNIGP	DTMR	VTW-AP	--	PPSID	LTN	FLVR	YSPVK	N	EED	VAELSIS	PSDN	AVVLTN	LLPG	TEYVVS	VSSV	YEQHES	
MonFN1	-----	P	TDLR	FTNVGP	DTMR	VTW-AP	--	PSSI	ELTN	FLVR	YSPVK	N	EED	VAELSIS	PSDN	MVVLTN	LLPG	TEYLV	VSSV	YEQHES	
GalFN1	-----	P	TDLR	FTNVGP	DTMR	VTW-TA	--	PTS	IVLSS	FLVR	YSPVK	N	EED	VAELTIS	PSDN	VVLTN	LLPG	TEYLV	VYSV	AEQHES	
AnoFN1	-----	P	TDLR	FTNVGP	DTIR	VTW-TP	--	PASI	ELTS	FLVR	FSPVKN	D	EDV	TELSIS	PSDN	AVVLTN	LLPG	TVYLVR	VYSV	YEQHES	
XenFN1	-----	P	TNLR	FTNVGP	DTMR	VTW-SP	--	PTS	IELSS	FLVR	YSPVK	N	PDD	VELSLS	PSTN	MVVLSN	LLPF	TEYLV	VHSC	GP	HKF
DanFN1a	-----	P	YGL	SFGEVTA	DTML	VTWKAP	QVP	KSSD	INQ	YIIR	YHPDE	D	DET	TERTVE	GSEN	FVVL	RH	LVP	NTEYLV	VICV	YEGREG
DanFN1b	-----	P	TNLY	ISEVGA	DSMH	VSW-TA	PSV	Q	PSEISR	FVIR	YHP	TNN	DDT	TQEVN	GGT	SFVL	QN	LLP	NTEYLV	VVCV	YDDRES
PetFN1	-----	P	TDLR	FTQVEL	DSFR	VSW-SA	--	PPIS	T	TES	FLIR	YSPLRH	EDL	LSEVSTT	PDE	LEVIL	TG	LLP	GT	YGV	S
PetFN2	-----	P	SDL	RFSHVG	ESMH	VSW-AP	A	PPP	ASPTH	YVHY	SPLYS	SAE	P	REVVVA	GDAT	SVDLGG	LHPG	LEYRVK	VHA	ADGDKLS	
CsaFN	----	AGIN	Q	---	ERV	SITNVGD	SSF	D	VTW-LA	EEP	NNPLL	TG	YEV	SVNELDS	STE	AQTSIFP	ANIN	Q	---	---	---
CinFN	ASVF	TGQNH	ERV	YITNIDD	TSFD	VAV-VP	ERPT	N	PLLSG	YEV	SVKKQDS	SSPA	KSNFFP	SNIN	QAVIQD	LEPG	TIYEV	F	VKSV	INQVNT	

3151

HsaFN1	TPLRGRQKTG	LDSPTGIDFS	DITANSFTVH	WIAP	----	-----	-----	-----	-----	-----
MonFN1	IPLKGIQKSG	LDSPTGIDFS	DITANSFTVH	WMSP	-----	-----	-----	-----	-----	-----
GalFN1	APLSGIQKTG	LDSPTGLDFS	DITANSFTVH	WIAP	-----	-----	-----	-----	-----	-----
AnoFN1	KPLSGEQKTG	LDSPTGLDFS	ETTAAHSFTVH	WMAF	-----	-----	-----	-----	-----	-----
XenFN1	CIYSDLNTIY	LDSPTGIDFS	EITPNSFTVH	WIAP	-----	-----	-----	-----	-----	-----
DanFN1a	SPAIGTQRTV	FDAPVGLQFS	DVGTTSTFTVR	WQAP	-----	-----	-----	-----	-----	-----
DanFN1b	EPVTGIQKTK	LDSPTNLDFS	DVSTNSFTVH	WMAF	-----	-----	-----	-----	-----	-----
PetFN1	VGLSGTQGTG	IDAPTDMFL	DVTDSTFTVY	WTPS	-----	-----	-----	-----	-----	-----
PetFN2	AGASGTHKTA	IDSPTQLEFL	DVTDSSLTVA	WQPP	-----	-----	-----	-----	-----	-----
CsaFN	-----	ASQGLSF	TKKYY	-----	-----	-----	-----	-----	-----	-----
CinFN	DVINKQVSTL	LPAPRNLRF	DVTDNSFYVT	WDHPSLHIRD	YVVEYQPIDS	PDKLRLQVNN	NNRIQLQNLQ	PDSGYLISVY	SLYNYRRSSP	-----

3241

HsaFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
MonFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
GalFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
AnoFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
XenFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1a	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DanFN1b	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN1	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
PetFN2	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CsaFN	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
CinFN	VVGRQSTSSF	SDLVSPANLR	VDNVDTDIMR	VNNEPSEHFT	YTVVVTNPYG	QVVSRTFNIS	SRNFVDIDDL	EPGILYKVQL	RILTPTNRLA	-----

3331

HsaFN1	-----	-----	-----	-----	RAT	ITGYRIRHHP	EHFS-GRPPE	DRVPHSRNSI	LTNLTPGTE	YVVSIVAL--
MonFN1	-----	-----	-----	-----	RAP	NTGYRIRHHP	EHGV-GRPPE	DRVPPSRNSI	TLTNLNPGE	YVVSIIISV--
GalFN1	-----	-----	-----	-----	RAT	ITGYKIRHHP	EHGV-GRPKE	DRVPPSRNSI	TLTNLLPGTE	YVVSIIAV--
AnoFN1	-----	-----	-----	-----	RAP	INGYKIRHYP	EQGG-SRPKE	HRIAPSRNSI	TLTDLIPGSE	YVVSISAF--
XenFN1	-----	-----	-----	-----	RAP	ITGYRIRYQL	ESGA-GRPKE	ERVPPSRNSI	TLTHLIPGSE	YIVSIIAF--
DanFN1a	-----	-----	-----	-----	RAI	ISGYRIRYQM	TSG--GRAKE	ERLPPSRSHF	TLTGLTPETE	YISIVYAV--
DanFN1b	-----	-----	-----	-----	RAV	ITGYRLRYQP	TSG--GRAKD	ERLPPTRYNF	TLVNLAPETE	YTVHIYAV--
PetFN1	-----	-----	-----	-----	NAP	VSGYRVAYGP	QLL--GHVAE	DSVPPERTSI	VLASLQAGTE	YTVSVYAIGR
PetFN2	-----	-----	-----	-----	RAA	ITGYRVRYGP	EGGAPGYANE	RLVTGDRTRL	ELHDLPEGTD	YVVRVISV--
CsaFN	-----	-----	-----	-----	-----	LKGYRLKYKA	DDE--SVYHT	LDLSSAQRSY	TIPNLNPQTT	YSIQLSAHVN
CinFN	GTEQVFQQT	PEAPRNVGLV	SSNPRRIVMN	WRPNRFRNPE	ISGYKLTJET	DDE--EIPHE	VELGPRQHSY	TINDLNPSTV	YRITLQSIVN	-----

3421

HsaFN1	NGREESPLLI	GQQSTVSDVP	RDLEVVAATP	TS-----	-----	L	LISWDAPAVT	VRYRITYGE	TGGNSP---V	QEFTVPGSKS
MonFN1	NGRDESAPLV	GQQSTVSDVP	RDLEVIATTP	TS-----	-----	L	LISWDAPAVT	VRYRITYGE	TGGSSP---V	QEFTVPGTKS
GalFN1	NGREESVPLV	GQQSTVSDVP	RDLEVNPTSP	TS-----	-----	L	EISWDAPAVT	VRYRITYGE	TGGSSP---V	QEFTVPGTMS
AnoFN1	NGKEESLPLI	GQQSTVSDVP	RDLEVNPTSP	SS-----	-----	L	VISWEPPAVT	VRYRITYGE	TGGSSP---V	QEFTVPGHMS
XenFN1	NGQESLPLS	GQQATVSDVP	TDLEVTSSTP	NT-----	-----	L	TISWEAPSVN	VRYRITHSQ	TGGHGP---E	KEFTVPGTSN
DanFN1a	SGSRDSLPLT	GTQSTISDAP	TDLEVISSTP	TS-----	-----	I	TVRWDAPSVT	VRYRITHGE	SGGSDA---P	LEFMVPGSQS
DanFN1b	SSNIESLPLT	GTQATVSDAP	TDLAVTSSSTP	TS-----	-----	I	TISWDAPAVT	VRYRITHGE	TGERDA---P	REFTVPGTQS
PetFN1	DVHRESEPLV	GSQATNSNGP	TDLVITRTSP	TT-----	-----	F	SVSWTPPPIS	VRYRIRGTH	GGG-GARAVT	ADHGVPVSR
PetFN2	DGREESLPLM	G-QTRTEGRP	RRLEVAGESP	SS-----	-----	L	TLTWYQPSAP	VDHYTCTCTP	LSGREE---V	RELLVPGSSS
CsaFN	NTLSEPVSTI	A-RTQP	-----	-----	-----	V	SVGWRSVQGP	VQYRVIVYVR	RSG-GN---T	TQISVPGRVN
CinFN	DTLSEPIITT	V-LTQPEEAT	DRMLTTTTITP	NTNEALQGGI	RTRKLNDGNY	-----	STGWRSSVSGP	VEYYRVIVYR	RSG-SN---A	TQLSVPAHVN

3511

HsaFN1	T-ATISGLKP	GV--DYTITV	YAVTGRGD--	-SPASSKPTS	INYRTE---	I	DKPSQMQVTD	VQDNSISVKW	LPSSSPVTGY	RVTITPKNGP
MonFN1	T-ATISGLKP	GV--DYTITV	YAVTGRGD--	-SPASSKPTV	IAYRTE---	I	DKPSQMQVTD	VQDNSISVRW	LPSSSPVTGY	RVTITAPKNGS
GalFN1	R-ATITGLKP	GV--DYTITV	YAVTGRGD--	-SPASSKPTV	VTYKTE---	I	DTPSQMQVTD	VQDNSISIRW	LPSSSPVTGY	RVTAVPKKGH
AnoFN1	S-ATIPGLKP	GA--DYTITV	YAVTGRGD--	-SPASSKPTV	VNYRLE---	I	DTPSQLQVTD	VQDSSIRVRW	QPSSSPVTGY	RVTAAPKNGH
XenFN1	T-ATIRGLNP	GV--SYTITV	YAVTGRGD--	-SPASSKPLT	IVHMTD---	V	DQPTDMAVTD	IQDHSIHVKW	SPPPGPVTGY	RVTSPVPSGQ
DanFN1a	T-ATIEDLRP	GT--DYTITV	YAVTGRGD--	-SPASSTPIH	VKHRTD---	I	DSPSQMEVTD	VKDNTITVRW	TPAAGPISRY	RVNATPLTGE
DanFN1b	S-ATIQGLRP	DT--DYTITL	YAVTGRGD--	-SPASSTPVI	ITHRTAGGS	I	ASPSDLVDVT	IQDNTLTVRW	TPARGPITGY	RVTGTGPKGGQ
PetFN1	EFAIFEKYL	PRPSPMNL	FATFDGRG	---STARTA	PAPGTE---	V	DTPSGLEVME	VTDRITRIRW	APSKAPINGY	RVTSPKTKGR
PetFN2	R-ATLQGLAT	AE--EYNVSI	RATYGGQQQG	GPMLSSQPV	IVHYLG---	V	DQPSDMQILD	LTSSIRVRW	NPCRAPILGY	LLCTPTPTTH
CsaFN	E-ILLNGLNP	AQ--VYDVTI	TAVLPNQE	-----I	VVGNLE---	I	STSASQPTTE	DSSRSAWIEW	EQHPFMFTSY	RTAITPVTG
CinFN	E-IQLNKLIP	GQ--EYDISI	IAYVNPQE	-----V	NIGNIA---	V	ITSGSDNVAP	DSSRTALIEW	DQQLTFSSY	RITATPVRG-

3601

HsaFN1	GPTKTKTAGP	DQTEMIEGL	QPTVEYVVS	YAQNPSGESQ	PLVQTAVTNI	D-RPKGLAFT	DVDVDSIKIA	WESPO--GVVS	RYRVTYSSPE
MonFN1	GPSKTKTGTP	DQTEMIEGL	QPTVEYVVS	YAQNQNGESQ	PLVQTAVTNI	D-RPKGLAFT	DVDVDSIKIA	WESPO--GVVS	RYRVTYSSPE
GalFN1	GPTKTKNVPP	DQQTQVIEGL	QPTVEYVVS	YAQNQNGESL	PLVETAVTNI	D-RPKGLTFT	EVDVDSIKIA	WESPO--GVVT	RYRVTYSSPE
AnoFN1	GPTKTRVLSA	EQTEVTIEGL	QPTVEYIVSV	YAQSQNGESQ	PLVETAVTKI	D-RPKGLTFT	EVDVDSIKIA	WESPO--GVVS	RYRVTYSTPE
XenFN1	GETFSQVWSP	DQTEVTIVGL	QPAVEYVVS	YALGQNGESL	PLVETAVTNI	D-RPKGLTFT	DVGVDSIRLA	WEVPO--GVVT	RYRVTYSSPE
DanFN1a	GPVLHAETLS	DHTEITFSGL	MPAVEYSIKV	YALGQNGESL	PLVENNVTTV	D-KPKDLSTF	DVESSSMRIS	WDSPD--GVVS	SYRVLYSSPE
DanFN1b	GPTFSELVGP	ERTEMTHGL	VPTVEYTVNV	VALSQEGEST	PVQKATTN	E-QPKDLTFT	DVDSTSLVK	WNVPRVPGVT	SYRVLYSSPE
PetFN1	GTQDRELPS	GRTDVTIDGL	LPTLEYAVNV	YALSDHGESL	PASKNVVTGI	D-APKGLTFT	DVDVDSMSIS	WDSPE--GTVT	GYRVLYESLD
PetFN2	AGPSTFAIPP	GETDVTITKL	VPTVEYVISV	CARRHNQDSE	PTTLTFTTKV	D-SPRGLEFL	QVAETWLVQ	WEPPE--GRVS	SYRITYESSN
CsaFN	GQTHRWEVGA	GESNARLSDL	EPGLTYNIVL	EGFTNGQYVT	VADIQRRTDI	D-PPSNLRIT	KSNTNVLGLH	WNPPK--SNIT	GYSLYTQLDG
CinFN	GQTHWNIRS	SETSAHLSDL	EPGLTYHIVV	EGYLDGQYVT	VADIEKTTDI	D-SPSNLEVT	KINTNLIGIE	WSPPN--SQIS	GYSLYTQLDG

3691

HsaFN1	DGIHELFP-PA	PDGEEDTAEI	QGLRPGSEYT	VSVALHDDM	ESQPLIGTQS	T-----A	IPAPTDLKFT	QVTPTSLSAQ	WTPPN--VQLT
MonFN1	DGIHELFP-PA	PDGEEDTAEI	QGLRPGSEYT	VSVALHDDM	ESQPLIGTQS	T-----A	IPSPTNLKFS	QVSPTSLTAQ	WVAPN--VQLT
GalFN1	DGIHELL-PA	PGGEEDTAEI	HGLRPGSEYT	INIVAIYDDM	ESLPLTGTQS	T-----A	IPPPTNLKFT	QVTPTSLTVN	WNAPN--VRLT
AnoFN1	DGQIELFP-PA	PDGEDDTAAL	HGLRPGTEYT	VRIALHDGL	ESLPLVGTQS	T-----A	IPPPTNLRFQ	QITPTSVTIT	WTAPN--VRLT
XenFN1	EGVKEFLFP-PA	PEGDDDTAEL	HGLRPGTEYT	VSVALHDGL	ESKPMIGTQS	T-----A	IPAPTNLQFS	QVTPTSGFSL	WHAPT--IHLS
DanFN1a	EGERELFP-PA	PHGDDESAVL	HGLRPGTEYT	VKIALHDQS	PSTALVGTQT	T-----G	IPGPTRLQFS	QVGPTSFVTS	WSSSD--ASLT
DanFN1b	EGERE-YQPA	LSGRDNSVLL	QGLNPGMTMY	IKVIPMKGRN	PLOTLEGIOQ	T-----A	VPAPTDIOFF	QISPTSFIVS	WQAPP--SRLS
PetFN1	DGVPQTLSPA	PDGDADTAVI	SQLPQGSYK	VSVTALHGT	ESLPLMGTTA	T-----A	IPPPTNLKFS	QATSTSLSIQ	WQPPS--AEVS
PetFN2	EGTRE-FPHT	PRGDVEEANI	TGLTPGLEVT	VRVYATYGDQ	ESVPLTGQV	T-----A	IPAPTDLQFH	FVTASGLTVS	WAAPVGVLT
CsaFN	RGTEYAYIPP	PRSTDVRKTL	RRLPQGRYF	IRLYSRFGDV	ESLPAQVWAE	T-----L	VPAPQRFRT	QATPNMITLS	WVKPV--DIVT
CinFN	RGTEYAYIPP	PRVSDVRKTL	RRLPQGRYF	IRLYAHLNDM	ESLPAQVWAE	T-----S	VPSPQRFRT	QATPNLISIS	WIKPS--HLIT

3781

HsaFN1	GYRVRVTPKE	KTGPMKEINL	APDSSSVVVS	GLMVAATKYEY	SVYALKDRTL	SRPAQGVVTT	LENVSPPRRA	RVTDATETTT	TIISWRT-KTE
MonFN1	GYRVRVTPKE	KTGPMKEINL	SPDSTSVMVS	GLMVAATKYEY	SVYALKDRTL	SRPAQGVVTT	LENVSPPRRA	RVTDATETTT	TINWRT-KTE
GalFN1	GYRVRVNPKE	KTGPMKEINL	SPDSTSVMVS	GLMVAATKYEY	SVYALKDRTL	SRPAQGVVTT	LENVSPPRRA	RVTDATETTT	TITWRT-KTE
AnoFN1	GYRVRVNPKE	KNGPMKEINV	SPDSTSVMVS	GLMVAATKYEY	TVYALKDRTL	SRPAQGVVTT	LENVSPPRRA	RVDVTERTT	TITWRT-KTE
XenFN1	GYLVRVNPKE	KTGPMKEVRL	SPGVATTATT	GLMVAATKYEY	NYVYALKDRTL	SQPLQGLIST	LDNVSPPRRP	RVQDVTETTV	TLISWRT-KTE
DanFN1a	GYRVAVSPKS	KSGPTKEENI	TPDSTEFHAT	GLMPGTDYEV	EVYGVKNSLT	SPRVKGEITT	PDNISPPRRV	RISNVKDSST	TLTWRS-KTE
DanFN1b	GYRVVVTPRN	QLATSKEMTI	SPDSTQVLVP	GLVVATPYNV	HVYALRGSDS	SPPLTGEITT	ADNITPPRRV	RISVDKDTSF	TLAWRAVNNE
PetFN1	GFRVVVTPRE	KSGPSRDHNV	PADVNSFTLP	GLMVAATKYEY	FVYALKNGHT	SKPLQDVFTT	LENISPPRRK	RVVNVTTSTI	TVNWRRA-KSD
PetFN2	GFRVVLMPRD	RKGPTLERSQ	SPKVTITTTIN	GLLAQTEYEV	SVYALKNYLA	SKSLQAFQKT	QQSVMPGRL	RALSVTGSTV	LVAWRS-RAV
CsaFN	HYTLRVIGPN	GFDVLQNLRL	GPDTNTFTVH	RLQPGTRYHI	TLAAWIGSL	SKPEYKSKVT	PLTV--PVVK	SSGEPTEGEF	LLQWKG-KSR
CinFN	HYTLRVIGPD	GFDVIHNLRL	DDDYSYTIIR	DLQPGTRYHI	NLAAWIGPLS	SQPEYKSKIT	PETV--PDVK	TKGELTDQGF	LLQWKS-KSR

3871

HsaFN1	TITGFQVDAV	PANGQ--TPIQ	RTIKPDVRSY	TITGLQPGTD	YKIYLYTLND	NARSSPVVID	ASTAIDA----	PSNLRF	LATTPNLSLLV
MonFN1	TITGFQVDAI	PSNGQ--SPIQ	RTISPEVRSY	TITGLQPGTD	YKIHLYTLND	NARSSPVVID	ASTAIDA----	PSNLRF	LTTTPNSLLA
GalFN1	TITGFQIDAI	PAASGQNPQI	RTISPDVRTY	TITGLQPGND	YKIYLYTLNE	NARSSPVVID	ASTAIDA----	PSNLRF	LTITTTNSLLA
AnoFN1	TITGFQIDAI	PASGQ--NPVQ	RTIGPDVRTY	TITGLQPGTD	YKIYIYTLND	NARSSPVVID	ASTAIDA----	PSNLRF	LTITTTNSLLL
XenFN1	TITGFQIDAI	PAGGQ--NPIR	RTVDADLRSF	TITGLQPGTD	YKIYLYTLND	NARSSPVVID	VTTAVDS----	PSNLRF	LTTTNSNLLF
DanFN1a	AISGFLVEAT	PTMGHNPQI	RTIEPDSRTY	TIAGLEPGTN	YKINIYTLNG	NSRSEPFLLT	ATTAKPVISP	-----PTNLHF	TSLASTSISF
DanFN1b	PMTGFLIEAT	PKNGGYPTFR	QTIPSDRRTY	VVTGLHPGVM	YVNMVTVNG	NMRSPPTMT	VNTARPAVQS	-----PTNLQF	TSLTPNSISF
PetFN1	TLSGFLISVV	PSSTA--PSVE	KTLSPDARQF	TIADLLPGIH	YTIISIYAVSG	NTRSQPATVT	ATTALRSLDA	-----PKDLRF	DSASQDSITF
PetFN2	RLSAFLLIAT	PLSNEGLSAE	RLLSPLLRAC	TITGV-----	-----PPLSL	ARSHMYTHTF	-----NGAHSHAL	-----	AHVDV--CVGA
CsaFN	SVDFGKIVVE	PQDGS--AEFE	TTVDRFTKRY	QIENLLNNVE	YIVKIFPVSG	RLVGEPISIVR	IPAHRYSTTT	-----SWRLQV	THLNANSVRI
CinFN	SVDFGKIVVE	PQDGS--AGFE	TTVDRFTKSY	ELENLLSNVA	YIVKVYPVSG	HIIGEPSVVH	IPASTASNVA	LNHLQWRLOV	TSLGTDIAI

3961

HsaFN1	SWQPPRARIT	GYIIK---Y	--EKPGSPPR	EVVPRPRPGV	TEATITGLEP	GTEYTIYVIA	LKNNQKSEPL	IGRKKTDELP	QLVTLPH--P
MonFN1	SWQPPRARIT	GYIIK---Y	--EKPGSPPR	EVVPRPRPGV	TEATITGLEP	GTEYTIYVIA	LKNNQKSEPL	IGRKKTG----	-----
GalFN1	SWQPPRAKIT	GYIIR---Y	--DKPGSPAK	ELLPRPRPGT	TEATITGLEP	GTEYTIYVIA	VKNNQKSEPL	VGRKRDTG----	DLPLTLITGP
AnoFN1	TWHPPRAKIT	GYIIK---Y	--ERPGGPAR	ELLPLRLPGM	TEATITGLEP	GTEYTIYVIA	VKNNQKSEPL	IGRKKTDE--	--HPQLV--T
XenFN1	TWQPPRARIT	GYIIR---Y	--EKAGGLLK	EHLPRLOAGT	TESTITNLEP	GTEYIYVIA	VRNNQKSEPL	VGRKRDTDELP	--RLVTLF--H
DanFN1a	TWEPFRSTIT	GYIIV---Y	--EEAGGPK	ELTPRPQAA	TFASISGLIP	GTEYIIKIVA	LNGAQRSTLT	IGKARTQLEI	EQLPPQL--P
DanFN1b	TWQAPPTHIT	GYIIT---Y	--EESGGSPR	ELFPNNVQ	NYATIAGLKP	GTEYIIKIIA	LLNNQKSAPL	VGTATTQLIS	--GLPSL--P
PetFN1	SWQPPRAPIM	SYVVT---YS	--SEVG--SLN	RLTPAPGRPD	TSATITNLPQ	STRYITIGIYA	VQNSMRSAQL	TGKHRTQEEL	--QLQPLA--T
PetFN2	QFHVHYLTTI	YLLLRQPPFT	LIEMYS--TSR	VILTKHPQGI	FQTPITRLSP	GTYTISIIYA	MREGSRSAQL	TSITVIT----	--TSKA--P
CsaFN	IWNPNPDPVT	EYILE---YL	LVNEND--FYH	LVERQPMVGD	NSATINSLQS	GKTYTIKLT	VRDSTDSGG	--ESIRNTLL	--NVTILI--P
CinFN	SWNNPWHDDV	EYSLQ---YK	QIDESDEYYR	SVVPQPIGD	NHATISHLQP	GESYTIKLAV	RRDSQSDG--	-----LMNTLL	--NVSTSI--P

4051

HsaFN1	NLHGPEILDV	PSTVQKTPFV	THPGYDTGNG	IQLPGTSGQQ	PSVGQQMIFE	EHGFRRITP-	PIITATPIRR	PRPYPPNVGE	EIQIGHIPRE
MonFN1	NLHGPEILDV	PSTVQKTPFV	THPGYDTGNG	LSQTTISW-T	PFQESSEY--	IISCHPIG--	-----	-----	-----
GalFN1	HPNQPDMLDV	PSVDEGTPYL	TN-----NRP	GSRROPNNVD	EAIEIPGYQV	PIIVVPSYP	-----	-----	-----
AnoFN1	LPHHSQGTSG	QPTIV-----	-----TNP	GQVIVEVYGS	RTPITTAAT-	PSRHRPGEE	-----	-----	SG
XenFN1	PGKGPCHILDV	QTPDEENTPHI	TQIKLDNNGG	IQLPGSNGQQ	PSGNGEQ--	LTIEHGFERS	-----PLAPTI	AVPVRPGKFT	PGHYPQERV
DanFN1a	NPSRPHLEVL	DVPEDNDNF-	-----NNH	VHVLGPNRHN	TLGQQGQHI	YTEYQSFNL	-----GNNG	QQPHPNHGE	PLVYIPLPGA
DanFN1b	SHGGGRKLDV	PEP-----	-----DNR	INTVGTGPD	STDAHGQVHE	YTEYNNQPKQ	PNIGYQPNR	QPISQPNQPR	PQPYVPQVGE
PetFN1	RPPNFPARYI	PPFLDIPTS-	-----SOH	SSTVLERPDN	SESRSRTY-	YTRQRLNNR	QNGRPLSGQR	PVGDFLTALT	PSHSPDRSAA
PetFN2	SPQR-----	-----	-----RSS	GNI-----	-----HSKDF-	LTAQSSSL-P	-----	-----	-----
CsaFN	TMSNIRLHHL	-----	-----NND	MSMVTFSWEA	PPMHVSSF-	VIKYREIDS	-----	-----	-----
CinFN	PPSNIQMQR-	-----	-----SSD	GSLV--FTWQS	PTSASYNY-	IVKYREVPY-	-----	-----	-----

4141

HsaFN1	DVDYHLYP--	-----	-----H	GPGLNPNAST	GQEALSQTTI	SWAPFQDTSE	YIISCHPVGT	-DEEPLQFRV	PG--TTSAT
MonFN1	-IDEEPL--	-----	-----	-----	-----	-----	-----	-----QFRV	PG--TSASAT
GalFN1	-HSREPRR-	-----	-----	-----NDTT	GQEALSQTTI	SWRPLLESTE	YIISCQPVSQ	-DEDTLQFRV	PG--TSSSAT
AnoFN1	VVDRHPGRIP	EVDRPS----	--YPHTLL--	-----PKNNRTR	QPEALSETTI	AWTPYLESSSE	YIISCQPVSS	-EEEEITEIKV	PG--TYSSAT
XenFN1	IELDTTEFP-	-----VQ	RGDLDDGPYPH	GLGPQLNDSG	VQEVASHTTI	SWRPELETTE	YIISCHPIEH	-DEAPLQFRV	PG--TSSSAT
DanFN1a	DGQRPVTV--	-----K	VNEGQEAQGP	FGGLFNETNL	PQESQTQTTI	YVQVPVHTSE	YVWVCDPITE	-INEKSFQMLR	PG--TSTSAT
DanFN1b	TLVYVPQVGP	DGGRVPQIIQ	VSERPGDGH	FGFEPDRTGR	PQEAQTQTTI	SWQPFQSSA	YLVSCQPIH	PDEKMFQMRV	PG--TSTTAT
PetFN1	GFTPEVVFV	DRGLVP--	-----IKT--	-----EDRILGP	QEAAKTLTTI	SWSPQQAASE	YLLSCYPLSG	-EGEITQIRV	PA--GTSSAT
PetFN2	-MK-----I	-----	-----	-----	-----	-----	-----	-----TLQD	PGVREGNGVR
CsaFN	-ITQHDYI--	-----	-----	-----	-----	-----	-----	-----TIEV	PG--TNTTVN
CinFN	-FLQHEYV--	-----	-----	-----	-----	-----	-----	-----VMEL	SG--SDTSVT

4231

HsaFN1	LTGLTRGATY	NVIVEALKDQ	QRHKVREEVV	TVGNSVNEGL	NQP---TDDS	CFDPYTVSHY	AVGDEWERMS	ESG-FKLLCQ	CLGFGSG---
MonFN1	LTGLTRGATY	NIIVEALKNQ	RRHKVREEMV	TVGNSVNEEL	NQP---TDDT	CFDPFTVTHY	SIGEEWERLS	DSG-FKLWCQ	CLGFGSG---
GalFN1	LTGLTRGATY	NIIVEALKDH	RRQKVLEEVV	TVGNTVSEGL	NQP---ADDT	CYTEYTGsfy	SIGEEWERLS	ETG-FKLWCQ	CLGFGSG---
AnoFN1	LTGLTRGATY	NIIVEAIKNR	RRHKVLEEVV	TVGNTVSERL	NQP---TDDS	CYDTFTGSFY	SLGEEWERMS	ETG-FKLWCQ	CLGLGSG---
XenFN1	LNGLTQGATY	NIIVEAQKGS	DKHKVFEKRV	TVGSPGS--P	EGVLQPAEDT	CYDFTFNGAHY	SVGQEWERMS	ESG-FRLWCK	CLGYGSG---
DanFN1a	LIGLTSYGATY	NVLVESVNGD	QKQKVLQDVV	TVGNSVP--G	AGVLPTRGDV	CYDSFTATYH	EVNTEWERMS	ETG-FKLWCK	CLGLGSG---
DanFN1b	LIGLTSYGATY	NVIVEALKGA	LKHKILEEVV	TAGNTVP--G	DAT--SSKDS	CYDTFTATHH	DVGAEWERMS	DTG-FKLWCR	CLGLGSG---
PetFN1	LAGLADGTQY	SVVVEALQGT	QRYRVHEEVV	TARAVSF--P	HGVESDEDL	CLDTATSIYY	SVGQEWERLS	ENG-FMLYCR	CLGFGNG---
PetFN2	RPSSN--GATW	EGGFE-----	-----REEFL	GAASPTF--L	RDG--RSDH	VGAAPQLHT	TV--TW--RP	SGGSTEHHTV	CLPIFGSSPY
CsaFN	IPDMNPGKSY	EFQFYSKLGN	L-----RSDVV	KVTAEIP--F	RQT---PERH	CQDPDTHEIF	AIGQHW--IS	KAGEFLNCT	CHGPST---
CinFN	MPFLQEGKRY	EIVFYSKRGE	F-----RSDSV	VVNVDPV--V	SQ---VRNY	CTDPDTGATY	AVGQNW--LS	KAGFLMNCT	CRPSLT---

4321

HsaFN1	-HFRCDSSRW	CHD-----NG	VNYKIGEKWD	RQGENQMMS	CTCLGNKGKE	FKCDPHEAT-	---CYDD--G	KTYHVGQEW	QKEYLGAICS
MonFN1	-HFRCDSSKW	CHD-----NG	VNYKIGDKWD	RQGENQMMS	CTCLGNKGKE	FKCDPHEAT-	---CYDD--G	KTYHVGQEW	QKEYLGAICS
GalFN1	-HFRCDSSKW	CHD-----NG	VNYKIGEKWD	RQGENQMMS	CTCLGNKGKE	FKCEPHEAT-	---CYDD--G	KMYQVGQEW	QKEYFGAICS
AnoFN1	-HFRCDSSKW	CHD-----NG	VNYKIGEKWD	RHGENQMMS	CTCLGNKGKE	FKCEPHEAT-	---CYDE--G	KMYHVGQEW	QKEYLGAICS
XenFN1	-HFRCDSSKW	CHD-----NG	VNHRVGEKWD	RHGENQMMS	CTCLGNKGKE	FKCEPHEAT-	---CYDE--G	KMYNVGEQW	QKEYLGAICS
DanFN1a	-HFRCDSSKW	CHD-----SG	HNYRIGEKWD	RRAENGHMS	CTCLGNKGKE	FKCEPHEAT-	---CYDE--G	KLYQVGNQW	QKEYLGAICT
DanFN1b	-HFRCDSSKW	CHD-----SG	NNYRIGEKWE	RRAENGHMS	CTCLGNKGKE	FKCEPHDSI	---CYDD--G	KMYQIGNQW	QKEYLGAICT
PetFN1	-HYRCDSSRW	CHD-----NG	KNYREGETWD	RPADNGQMLT	CTCLGRKGGE	YKCEPHEAS-	---CYDE--G	KMYQAGDQW	RKLYRGAMCT
PetFN2	VKLTLPGGAE	AATLRGLRPG	AVYRVLVEA-	MGLDGRNTLL	DETLSSLNNTG	TTEGAGEART	LDGCLEGTIG	TAYAPGEHWE	QRAQNGLLLT
CsaFN	--FDCNTGEW	CHT-----DN	GVFNVSDDTW	RQVNDENNKK	EECVNCGRTG	YTCFPRN--	---CQDG--D	NWFDEGEPW	ISADIGYICN
CinFN	--VDCSSGEW	CHT-----EY	GVFNKNTNTW	RQDNPENNNK	EECVNCGSSG	YTCYPRN--	---CQDG--D	RWYDEGEPW	TSDIDIGYICN

4411

HsaFN1	CTCFGGQRGW	RCDNCRRP	--	-----	-----	-----	-----	---	GGEPS	EGTTGQSYNQ	YSQRYHQRTN	TNVNCP	IECF			
MonFN1	CTCFGGQQGW	RCDNCRRP	--	-----	-----	-----	-----	---	GVETAP	EGSAGHSYTQ	FSQRYHQRTN	TNVNCP	IECF			
GalFN1	CTCYGGQQGW	RCDNCRRP	--	-----	-----	-----	-----	---	SVEVAP	EGSAGHTYPQ	FTQRYHQATN	TEEDH-	YSDL			
AnoFN1	CTCYGGQQGW	RCDNCRRP	--	-----	-----	-----	-----	---	GAGSSP	E-SSPGHTSS	LYTQRHQTTN	TNVHCP	IECF			
XenFN1	CTCYGGQQGW	RCDNCRRP	--	-----	-----	-----	---	GA	---	VLP	DGTAGHTVSQ	FAQRYQQNYN	L--NC	PIECY		
DanFN1a	CTCYGGQQGW	RCENCRRP	--	-----	-----	-----	---	---	GAEVDADLIQ	PPVRTDAFDR	YRENALRKLN	I--QC	PIECL			
DanFN1b	CTCYGGQQGW	RCENCRRP	--	-----	-----	-----	---	GAEIN	---	ADLL	RP	---	VRLNNGQ-R	VNIQC	PIECL	
PetFN1	CTCLGGQQGW	RCEECRSP	--	-----	-----	-----	---	SEEDAG	SSHTAAASHS	SSASQGVFSQ	YIQSVRRSAG	T--NCA	FNCR	---	WC	
PetFN2	CTCLGEGRGH	VRCDSSK	---	-----	-----	-----	---	---	---	---	---	---	---	---	---	---
CsaFN	CICPSDLHAP	CRTTCRPQTT	---	NQGP	IKDLIF	LVEGLPSIPK	NITSGAENNS	SDKVELLV-F	EEDKSDGSHN	YSDDFEREPG	GGMNCPIQST	---	---	---	---	---
CinFN	CVCPSEHTQP	CTSTCRPSIL	---	GQ	---	---	---	---	DIGF	ESKR	---	---	---	---	---	---

4501

HsaFN1	MPLDVQADRE	DSRE	--
MonFN1	MPLDVQADTE	NSRDS	-
GalFN1	E	---	---
AnoFN1	YPLHLQSNTO	NRRGD	-
XenFN1	L-PLQADIQH	SEQTQK	---
DanFN1a	RPDLLADAHS	PHD	---
DanFN1b	RPELLADAVV	NPKTOE	---
PetFN1	---	---	---
PetFN2	---	---	---
CsaFN	DIG	---	---
CinFN	---	---	---