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1
Polyphenic A_pis1 M----- --MDQK CDGG-----
Polyphenic G_buel+4 M----- --
Monom. apt C_hook1 M----- --
Monom. apt M_ext1
Monom. apt C_lec1 MWVR--GY AMR----- EEG--CDQV TSSC-----
Monom. apt C_lec4 MWVR--GY AMR----- EEG--CDQV TSSC-----
Polyphenic F_exs1 M----- --DTS GDSSL-----
Polyphenic N_lug1 ME-----LKKLALYPVH NLPLLPNPL--ODLQ TKSTLLQRLP STPTLQQNL
Polyphenic N_lug2 ME-----LKKLALYPVH NLPLLPNPL--ODLQ TKSTLLQRLP STPTLQQNL
Monom. mac D_mell1 M-----L TTSGQQQSKQ KLSTL--P SHILLQQQL
Monom. mac D_sim1 MKRRWSNNGG FMRLPEESSS EVTSSSNGLV LP SGVNMSP--SSL--D SHDYCDQDLW

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61
Polyphenic A_pis1 -----GGGV AAAAAGIGGG GVGGLMSYNR GRGGTEVIK PRSPAVLQVT TGGGYHGLPT
Polyphenic G_buel+4 -----GEESGR LAA-----
Monom. apt C_hook1
Monom. apt M_ext1
Monom. apt C_lec1
Monom. apt C_lec4
Polyphenic F_exs1 -----DTANGT AAASVAASVA AIASVV-----GGT-----ASLTVK AE-----
Polyphenic N_lug1 TEPTQLRNLS PLPNPHQ-----NL QRTSTLLQNQ PSEPTPLQN-----LPT
Polyphenic N_lug2 TEPTQLRNLS PLPNPHQ-----NL QRTSTLLQNQ PSEPTPLQN-----LPT
Monom. mac D_mell1 -----AAS AGPSSSVS-----LS PSSSAALTLH VASANGGARE
Monom. mac D_sim1 L--CGNESGS FGGSNHG-----LN QQQQSVITLA MHGCSSTLPA

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121
Polyphenic A_pis1 ATDAVIVRSP PGGHLPGQQQ Q----- QVPPS
Polyphenic G_buel+4
Monom. apt C_hook1
Monom. apt M_ext1
Monom. apt C_lec1
Monom. apt C_lec4
Polyphenic F_exs1 RPDHLAGTST SPAVAAGPIG T--GSSL--FAGIANS NKTSRPDDWL ATSSPESPOS
Polyphenic N_lug1 KPTQLRNLS EPNLLLNPQT Q--PTQLQ NLSPENILHQ NLHPQP--TLSQNPQS
Polyphenic N_lug2 KPTQLRNLS EPNLLLNPQT Q--PTQLQ NLSPENILHQ NLHPQP--TLSQNPQS
Monom. mac D_mell1 TTSAAAVKDK LRPTPTAIKI EPMPDVISVG TVAGGSSVAT VVAPAA--TTTSNKPNS
Monom. mac D_sim1 OTTIIPINGN ANGNAGSTNG QYVPGATNLG ALANG-----

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181
Polyphenic A_pis1 RNGCSTLFSD IAGVKRLRPD DW--LAVN--SP--PA SSPGTS-HIS YTVISNGGGG
Polyphenic G_buel+4 -----PQ EDWPIAYV--SP--
Monom. apt C_hook1
Monom. apt M_ext1
Monom. apt C_lec1
Monom. apt C_lec4
Polyphenic F_exs1 S--LQSQHV VYTVSQQQLS EQPPVAHS--SP--GVDDEL
Polyphenic N_lug1 E--STHATT TMLVKREQLD DTTPLRGG--SPRGSP T POGGLR-GSS WPPSPRDMTP
Polyphenic N_lug2 E--STHATT TMLVKREQLD DTTPLRGG--SPRGSP T POGGLR-GSS WPPSPRDMTP
Monom. mac D_mell1 TAAPSTSAAA ANGHLVLVFN KRPRLDVTEG WMSTP--SPG SVPSSAPPLS PSPGS--
Monom. mac D_sim1 -----MLNGG LNMQQQIQN GHGLINST--TP--STPTTPLHLQ QNLGGGGGIG

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241
Polyphenic A_pis1 GGG--GGGG GGGGYNTSPM ST--N--SYDP-YSP M--SG--K
Polyphenic G_buel+4 -----SNGYSSPTT SA--G--SYEP-YSP NN--K
Monom. apt C_hook1 -----G--
Monom. apt M_ext1
Monom. apt C_lec1 WDL-----GLGPGPR GIQLS-----EHRGD--Y
Monom. apt C_lec4 WDL-----GLGPGPR GIQLS-----EHRGD--I
Polyphenic F_exs1 -----HQQV SNNGYASP-M ST--G--SYDP-YSP NG--K
Polyphenic N_lug1 SYG--GGGT PLNGYPSPTM SSQHS-----NYDSCLSP NS--K
Polyphenic N_lug2 SYG--GGGT PLNGYPSPTM SSQHS-----NYDSCLSP NS--K
Monom. mac D_mell1 -----QNH SYN MSNGYASP-M SA--G--SYDP-YSP TG--K
Monom. mac D_sim1 GMGILHHANG TPNGLIGV-V GG--GGGVGL GVGGGVVGL GMQHTP-RSD--SVNSIS

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301

Polyphenic	A_pis1	IVKEELSPPN	SLSGV	---	---	SS-H	S-DGLKKKKL	NHSPVTGVVN
Polyphenic	G_buel+4	LGREDLSPVG	SLNGY	---	---	SA-D	SCDGSKKKK	---
Monom.	apt C_hook1	RCREDLSPPN	SLNGY	---	---	SL-D	GSD-AKKKK	---
Monom.	apt M_ext1	SGREDLSPPN	SLNGY	---	---	SL-D	GSD-AKKKK	---
Monom.	apt C_lec1	SGREDLSPPN	SLNGY	---	---	SA-D	SCDGSKKKK	---
Monom.	apt C_lec4	SGREDLSPPN	SLNGY	---	---	SA-D	SCDGSKKKK	---
Polyphenic	F_exs1	IGRDELSQSG	SINGYGNSG	GGNCGGGGGG	NGNGSGTS-E	GCD-AKRRK	---	---
Polyphenic	N_lug1	IGREDLSPPS	SLNGY	GGGGG	PGGG-SM-D	PSELAKKKK	---	---
Polyphenic	N_lug2	IGREDLSPPS	SLNGY	GGGGG	PGGG-SM-D	PSELAKKKK	---	---
Monom.	mac D_mell1	TGRDDLSPSS	SLNGY	---	SANE	SCDAKKS	SKK	---
Monom.	mac D_sim1	SGRDDLSPSS	SLNGY	---	SANE	SCDAKKS	SKK	---

361

Polyphenic	A_pis1	TAASGPGGGV	GGNVLNNRPP	EELCLVCGDR	SSGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Polyphenic	G_buel+4	---GPQ---	---QRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Monom.	apt C_hook1	---GPA---	---PRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Monom.	apt M_ext1	---GPA---	---PRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Monom.	apt C_lec1	---GTA---	---VRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNNVYQC
Monom.	apt C_lec4	---GTA---	---VRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNNVYQC
Polyphenic	F_exs1	---GPT---	---PRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITRNAVYQC
Polyphenic	N_lug1	---GPV---	---PRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Polyphenic	N_lug2	---GPV---	---PRQQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SITKNAVYQC
Monom.	mac D_mell1	---GPA---	---PRVQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SVTKSAVYCC
Monom.	mac D_sim1	---GPA---	---PRVQ	EELCLVCGDR	ASGYHYNALT	CEGCKGFFRR	SVTKSAVYCC

421

Polyphenic	A_pis1	KYGNNCEIDM	YMRRKCECR	LKKCLTVGMR	PEC	---	VV	PEVQCAVKRK
Polyphenic	G_buel+4	KYGNNCEIDM	YMRRKCECR	LKKCLSVGMR	PEC	---	VV	PEYQCAVKRQ
Monom.	apt C_hook1	KYGNNCEIDM	YMRRKCECR	LKKCLSVGMR	PEC	---	VV	PEYQCMVKRK
Monom.	apt M_ext1	KYGNNCEIDM	YMRRKCECR	LKKCLSVGMR	PELDVLYNCH	ISIGCVPGVV	---	PEYQCMVKRK
Monom.	apt C_lec1	KYGNNCEIDM	YMRRKCECR	LKKCLSVGMR	PEC	---	VV	PEYQCAVKRK
Monom.	apt C_lec4	KYGNNCEIDM	YMRRKCECR	LKKCLSVGMR	PEC	---	VV	PEYQCAVKRK
Polyphenic	F_exs1	KYGNCEIDM	YMRRKCECR	LKKCLTVGMR	PEC	---	VV	PEYQCAVKRK
Polyphenic	N_lug1	KYGNNCEIDM	YMRRKCXXCR	LKKCLSVGMR	PEC	---	VV	PEYQCAVKRK
Polyphenic	N_lug2	KYGNNCEIDM	YMRRKCXXCR	LKKCLSVGMR	PEC	---	VV	PEYQCAVKRK
Monom.	mac D_mell1	KFGRACEMDM	YMRRKCECR	LKKCLAVGMR	PEC	---	VV	PENQCAMKRR
Monom.	mac D_sim1	KFGRACEMDM	YMRRKCECR	LKKCLAVGMR	PEC	---	VV	PENQCAMKRR

481

Polyphenic	A_pis1	E-KKAQREKD	KPNST	---	T-D	ISPEI	---	IKIEPTE	MKIECGEPMI
Polyphenic	G_buel+4	EKKKQKDKD	KHVST	---	T-N	GSPEV	---	IKSEPEQ	PPGV
Monom.	apt C_hook1	E-KKAQKDKD	KPNST	---	T-N	GSPEN	---	VGIKDPE	---
Monom.	apt M_ext1	E-KKAQKDKD	KPNST	---	T-N	GSPEN	---	VGIKDSD	---
Monom.	apt C_lec1	E-KKAQKDKD	KPVST	---	T-N	GSPEA	---	IKVEPE	PHRV
Monom.	apt C_lec4	E-KKAQKDKD	KPVST	---	T-N	GSPEA	---	IKVEPE	PHRV
Polyphenic	F_exs1	E-KKAQKEKD	KPNST	---	TMN	GSPGSAGIGD	QMGVKIEPAE	---	AESL
Polyphenic	N_lug1	E-KRDMKDKT	RPNST	---	T-S	RSPEA	---	LKIEPE	SQRM
Polyphenic	N_lug2	E-KRDMKDKT	RPNST	---	T-S	RSPEA	---	LKIEPE	SQRM
Monom.	mac D_mell1	E-KKAQKEKD	KMTTSPSSQH	GGNGSLAS-G	GGQDF	---	VKKEILD	L-MTCEPPQH	---
Monom.	mac D_sim1	E-KKAQKEKD	KMTTSPSSQH	GGNGSLGS-G	GGQDF	---	VKKEILD	L-MTCEPPQH	---

541

Polyphenic	A_pis1	MGTPM	---	---	---	PTVP	YVKPLSSEQK	ELIHRLVYFQ
Polyphenic	G_buel+4	SSLTL	---	TSWP	EEVK	IVNQN	GVKPVSPEQE	ELIHRLVYFQ
Monom.	apt C_hook1	---	---	HKQVE	PEKL	PVLN	GVKPVSPEQE	ELIHRLVYFQ
Monom.	apt M_ext1	---	---	TKQLE	PEKL	PMLN	GVKPVSPEQE	ELIHRLVYFQ
Monom.	apt C_lec1	SYTSSLFQSM	IKESQTQSTE	GELA	---	KVAVN	GIKQVSAEQE	ELIHRLVYFQ
Monom.	apt C_lec4	SYTSSLFQSM	IKESQTQSTE	GELA	---	KVAVN	GIKQVSAEQE	ELIHRLVYFQ
Polyphenic	F_exs1	SVTSGS	---	S	GILT	PVSPYT	CVKPSISPEQE	ELINRLVSFQ
Polyphenic	N_lug1	CDFSVELESG	NTLGASSNTG	GLGAGPPSVG	GSLSPPLTAG	GSLSPPLTAG	GVKPVSSEQE	ELIHRLVYFQ
Polyphenic	N_lug2	CDFSVELESG	NTLGASSNTG	GLGAGPPSVG	GSLSPPLTAG	GSLSPPLTAG	GVKPVSSEQE	ELIHRLVYFQ
Monom.	mac D_mell1	ATIPLLP	---	D	EILA	KQAR	NIPSLTYNQL	AVIYKLIWYQ
Monom.	mac D_sim1	ATIPLLP	---	E	EILA	KQAR	NIPSLTYNQL	AVIYKLIWYQ

601

Polyphenic	A_pis1	DQYEAPSEKD	MKRL--TINNQ	NMDEYDEEKQ	SDTTYRIITE	MTILTVQLIV	EFAKRLPGFD
Polyphenic	G_buel+4	NEYEHPSEED	IRRI-----	-NTPTDTE-E	ADMKFRHITE	ITILTVQLIV	EFAKRLPGFD
Monom.	apt C_hook1	NEYEQPSEDD	LKRI-----	TNTPIDGEDQ	SDVKFRHITE	ITILTVQLIV	EFAKRLPGFD
Monom.	apt M_ext1	NEYEQPSEDD	LKRI-----	TNTPIDGEDQ	SDVKFRHITE	ITILTVQLIV	EFAKRLPGFD
Monom.	apt C_lec1	NEYEHPSDED	VVRI-----	-NTPNDEEEQ	SDLKFRHITQ	ITILTVQLIV	EFAKRLPGFD
Monom.	apt C_lec4	NEYEHPSDED	VVRI-----	-NTPNDEEEQ	SDLKFRHITQ	ITILTVQLIV	EFAKRLPGFD
Polyphenic	F_exs1	CEFEQPSEED	LKRI-----	TNQPLEGEDP	SDYSFRHITE	ITILTVQLIV	EFASKRLPGFN
Polyphenic	N_lug1	NEFEHPSEED	LKRIGCLNLP	SQVAQDQQA	SDMRFRHITE	ITILTVQLIV	EFAKRLPGFD
Polyphenic	N_lug2	NEFEHPSEED	LKRIGCLNLP	SQVAQDQQA	SDMRFRHITE	ITILTVQLIV	EFAKRLPGFD
Monom.	mac D_mell1	DGYEQPSEED	LRRI-----	MSQPDENESQ	TDVSFRHITE	ITILTVQLIV	EFAKGLPAFT
Monom.	mac D_sim1	DGYEQPSEED	LRRI-----	MSQPDENESQ	TDVSFRHITE	ITILTVQLIV	EFAKGLPAFT

661

Polyphenic	A_pis1	KLVRDQITL	LKACSSSEAMM	FRVARKYDIT	TDSIVFANNQ	PFSADSYNKA	GLGDAIENQL
Polyphenic	G_buel+4	KLQREDQIAL	LKACSSSEVMM	LRMARRYDAT	SDSILFANNQ	PYTRDSYRMA	GMGEVVEDLL
Monom.	apt C_hook1	KLLREDQIAL	LKACSSSEVMM	FRMARRYDVQ	SDSILFANNQ	PYTKDSYSMA	GMGETIDDMML
Monom.	apt M_ext1	KLLREDQIAL	LKACSSSEVMM	FRMARRYDVQ	SDSILFANNQ	PYTKDSYSMA	GMGETIDDMML
Monom.	apt C_lec1	KLLREDQIAL	LKACSSSEVMM	LRMARRYDAQ	SDSILFANNQ	PYTRDSYNMA	GMGDVVEGLL
Monom.	apt C_lec4	KLLREDQIAL	LKACSSSEVMM	LRMARRYDAQ	SDSILFANNQ	PYTRDSYNMA	GMGDVVEGLL
Polyphenic	F_exs1	ELLREDQITL	LKACSSSEVMM	LRMARKYDVQ	TDSIIFANNQ	PYTRDSYNVA	GMGETIEDLL
Polyphenic	N_lug1	KLLREDQIVL	LKACSSSEVMM	LRTARKYDVN	TDSILFANNQ	PYTRDSYTLA	GMGYDMWDL
Polyphenic	N_lug2	KLLREDQIVL	LKACSSSEVMM	LRTARKYDVN	TDSILFANNQ	PYTRDSYTLA	GMGYDMWDL
Monom.	mac D_mell1	KIPOEDQITL	LKACSSSEVMM	LRMARRYDHS	SDSIFFANNR	SYTRDSYKMA	GMADNIEDLL
Monom.	mac D_sim1	KIPOEDQITL	LKACSSSEVMM	LRMARRYDHS	SDSIFFANNR	SYTRDSYKMA	GMADNIEDLL

721

Polyphenic	A_pis1	SFSRFMYNMK	VDNAEYALLT	AIVIFSSRPN	LLDGWKVEKI	QEIYLESKA	YVDNRDRDTA
Polyphenic	G_buel+4	RFCRQMYNMK	VDNAEYALLT	AIVIFSERPS	LLEAWKVEKI	QEIYLEALKS	YVDNRVRPKS
Monom.	apt C_hook1	RFCRQMYSMK	VDNAEYALLT	AIVIFSERPS	LIEAWKVEKI	QEIYLEALKA	YVDNRRRPKS
Monom.	apt M_ext1	RFCRQMYSMK	VDNAEYALLT	AIVIFSERPS	LIEAWKVEKI	QEIYLEALKA	YVDNRRRPKS
Monom.	apt C_lec1	RFCRQMYNMK	VDNAEYALLT	AIVIFSERPS	LTEGWKVEKI	QEIYLEALKS	YVDNRARPRS
Monom.	apt C_lec4	RFCRQMYNMK	VDNAEYALLT	AIVIFSERPS	LTEGWKVEKI	QEIYLEALKS	YVDNRARPRS
Polyphenic	F_exs1	RFCRQMYAMR	VNNAEYALLT	AIVIFSERPN	LLESRKVEKL	QEIYLKTLKA	YVDNRRRPKS
Polyphenic	N_lug1	QFCRHMYRMK	VDNAEYALLT	AIVIFSDRPS	LLEAWKVEKI	QEIYLEALKS	YVDNRIRPKS
Polyphenic	N_lug2	QFCRHMYRMK	VDNAEYALLT	AIVIFSDRPS	LLEAWKVEKI	QEIYLEALKS	YVDNRIRPKS
Monom.	mac D_mell1	HFCRQMFMSK	VDNVEYALLT	AIVIFSDRPG	LEKAQLVEAI	QSYIIDTLRI	YILNRHCGDS
Monom.	mac D_sim1	HFCRQMFMSK	VDNVEYALLT	AIVIFSDRPG	LEKAQLVEAI	QSYIIDTLRI	YILNRHCGDS

781

Polyphenic	A_pis1	TVR--YARLL	SVLTELRITLG	NENSELCMTL	KLKNRVVPPF	LAEIWDVMP	-----
Polyphenic	G_buel+4	PTI--FAKLL	SVLTELRITLG	NQNSEMCFSL	KLKNKNIPPF	LAEIWDVNT	-----
Monom.	apt C_hook1	GAV--FAKLL	SVLTELRITLG	NQNSEMCFSL	KLKNKKLPPF	LAEIWDVMP	-----
Monom.	apt M_ext1	GAV--FAKLL	SVLTELRITLG	NQNSEMCFSL	KLKNKKLPPF	LAEIWDVMP	-----
Monom.	apt C_lec1	PTI--FAKLL	SVLTELRITLG	NQNSEMCFSL	KLQNRKLPF	LAEIWDVNP	-----
Monom.	apt C_lec4	PTI--FAKLL	SVLTELRITLG	NQNSEMCFSL	KLQNRKLPF	LAEIWDVNP	-----
Polyphenic	F_exs1	GTI--FAKLL	SVLTELRITLG	NQNSEMCNLN	KFKNKKLPVF	LAEIWDVMP	-----
Polyphenic	N_lug1	SPI--FAKLL	SVLTELRITLG	NQNSQMCFSL	KLKNKKLPDF	LMEIWDVDME	-----
Polyphenic	N_lug2	SPI--FAKLL	SVLTELRITLG	NQNSQMCFSL	KLKNKKLPDF	LMEIWDVDME	-----
Monom.	mac D_mell1	MSLVFYAKLL	SILTELRITLG	NQNAEMCFSL	KLKNRKLPKF	LEEIWDVHAI	PPSVQSHLQI
Monom.	mac D_sim1	MSLVFYAKLL	SILTELRITLG	NQNAEMCFSL	KLKNRKLPKF	LEEIWDVHAI	PPSVQSHLQM

841

Polyphenic	A_pis1	-----	-----	-----	-----	-----	-----
Polyphenic	G_buel+4	-----	-----	-----	-----	-----	-----
Monom.	apt C_hook1	-----	-----	-----	-----	-----	-----
Monom.	apt M_ext1	-----	-----	-----	-----	-----	-----
Monom.	apt C_lec1	-----	-----	-----	-----	-----	-----
Monom.	apt C_lec4	-----	-----	-----	-----	-----	-----
Polyphenic	F_exs1	-----	-----	-----	-----	-----	-----
Polyphenic	N_lug1	KEKENEKKA	AAENNNMS	S-----	-----	-----	-----
Polyphenic	N_lug2	KEKENEKKA	AAENNNMS	S-----	-----	-----	-----
Monom.	mac D_mell1	TQEENERLER	AERMRAVGG	AITAGIDCDS	ASTSAAAAA	QHQPQPQPQ	QPSLLTQND
Monom.	mac D_sim1	TQEENERLER	AERMRAVGG	AITAGIDCDS	ASTSAAAAA	QHQPQPQPQ	QPSLLTQND

901

Polyphenic	A_pis1	-----	-----	-----	-----	-----	-----
Polyphenic	G_buel+4	-----	-----	-----	-----	-----	-----
Monom. apt	C_hook1	-----	-----	-----	-----	-----	-----
Monom. apt	M_ext1	-----	-----	-----	-----	-----	-----
Monom. apt	C_lec1	-----	-----	-----	-----	-----	-----
Monom. apt	C_lec4	-----	-----	-----	-----	-----	-----
Polyphenic	F_exs1	-----	-----	-----	-----	-----	-----
Polyphenic	N_lug1	-----	-----	-----	-----	-----	-----
Polyphenic	N_lug2	-----	-----	-----	-----	-----	-----
Monom. mac	D_mell1	QHQT---QP	QLQPOLPPOL	QGOLQPOLQP	QLQTOLQPOI	QPQPOLLP--	VSAPVPASVT
Monom. mac	D_sim1	QHQTQPOLQP	QLQPOLPPOL	QGOLQPOLQP	QLQTOLQPOI	QAQPOLLPV	VSAPVPASVT

961

Polyphenic	A_pis1	-----	-----	-----	-----	-----	-----
Polyphenic	G_buel+4	-----	-----	-----	-----	-----	-----
Monom. apt	C_hook1	-----	-----	-----	-----	-----	-----
Monom. apt	M_ext1	-----	-----	-----	-----	-----	-----
Monom. apt	C_lec1	-----	-----	-----	-----	-----	-----
Monom. apt	C_lec4	-----	-----	-----	-----	-----	-----
Polyphenic	F_exs1	-----	-----	-----	-----	-----	-----
Polyphenic	N_lug1	-----	-----	-----	-----	-----	-----
Polyphenic	N_lug2	-----	-----	-----	-----	-----	-----
Monom. mac	D_mell1	APGSLSAVST	SSEYMGGSA	IGPITPATT	SITAAVTASS	TTSAVPMGNG	VGVGVGVGGN
Monom. mac	D_sim1	APGSLSAVST	SSEYIGGSA	IGPITPATT	SITAAV---	-----	-----H

1021

Polyphenic	A_pis1	-----	-----	-----	-----
Polyphenic	G_buel+4	-----	-----	-----	-----
Monom. apt	C_hook1	-----	-----	-----	-----
Monom. apt	M_ext1	-----	-----	-----	-----
Monom. apt	C_lec1	-----	-----	-----	-----
Monom. apt	C_lec4	-----	-----	-----	-----
Polyphenic	F_exs1	-----	-----	-----	-----
Polyphenic	N_lug1	-----	-----	-----	TS
Polyphenic	N_lug2	-----	-----	-----	TS
Monom. mac	D_mell1	VSMYANAQTA	MALMGVALHS	HQEQIIGGVA	VKSEHSTTA
Monom. mac	D_sim1	FSMYANAQTA	MALMGVALHS	HQEQIIGGVA	VKSEHSTTA