

A.vastus	Avas.s014.g618.i1	1	MDVLRITILC	LTFTLVISRS	VSDEPKKQIT	KSYNHLFKIE	GETLNLWYFP
O.minuta	KAI6653225.1		MQIFHIFLAC	LVATLANCRP	ISDETAGN-I	EPHNHLITIH	DNQFNWLWYFP
R.fibulata	TR13145_c0_g2_i1		MGILHIFLAC	LVATLANSRP	LSEENEQQ-I	ESYNRLIKVH	DNQYNLWYFP
E.curvistellata	LC010923.1		-----	-----	-----	-----	-----
E.curvistellata	BAS21353.1		-----	-----	-----	-----	-----
A.vastus	Avas.s014.g618.i1	51	SOINSSNA--	PVIFWFGDG	ERSALVDVFT	QGGPYSTIEFT	E--NNYEKNR
O.minuta	KAI6653225.1		S--NSKDAKQ	KPLLWVFGDG	KTSALVDVFR	TGGPYELSFSA	-----
R.fibulata	TR13145_c0_g2_i1		S--NSKDAKP	KPLFVWFGDG	KASALVDSFA	SSGPYQLSFA	-----
E.curvistellata	LC010923.1		-----	-----	SDMFG	QGGPYELASD	ELQRHGHGHG
E.curvistellata	BAS21353.1		-----	-----	-----	-----	-----
A.vastus	Avas.s014.g618.i1	101	Histidine-rich region - Repeat 1				
O.minuta	KAI6653225.1		PTPHPPHPPH	PHPHPKPSPC	CKCKCPSPCS	S-----DS	NDA-----Y
R.fibulata	TR13145_c0_g2_i1		-----SDDNI	SRHHPTSSPC	CKCNCPPCPT	APTHPDDVDR	HGH-----HH
E.curvistellata	LC010923.1		-----DHGH	HHHHPTPSPC	CKCICPPCPN	I-----SEIDR	HPHPHPHPHP
E.curvistellata	BAS21353.1		HDHHDHHDH	DHGHDHGKHD	HHGKHGKHGK	H-----DH	HDH-----HH
A.vastus	Avas.s014.g618.i1	151	Proline-rich - Repeat 1		Threonine-rich region - Repeat 1		
O.minuta	KAI6653225.1		SOHKPRPPYC	PPCPSPASPSS	--SSATMSST	ISFSTTISTS	TSTIMPAMPT
R.fibulata	TR13145_c0_g2_i1		HHHHHPHPPHC	PPCPKPTPPI	-----PT	NSPINPSAPT	SSPATSSSTN
E.curvistellata	LC010923.1		PHPHPRPPFC	PPCPNPAPQT	TSSSSSRST	NPPAVSVTTT	NTAVSDRTTN
E.curvistellata	BAS21353.1		SHAPSPPTA	PPHSHPLPPH	--THATVPHT	HATVPHTHAT	HTHHTHTTTPS
E.curvistellata	BAS21353.1		EHAPSPPTV	PPHTHPLPPH	--THATVPHT	HATVPHTHAT	HTHHTHTTTPS
A.vastus	Avas.s014.g618.i1	201	Histidine-rich region - Repeat 2				
O.minuta	KAI6653225.1		PVILNPRDDL	-----	-----	SDFGHKHH	H-----
R.fibulata	TR13145_c0_g2_i1		TAAVDSSI	-----	-----	NNEDIIIIYHH	H-----
E.curvistellata	LC010923.1		TAVSDRTNTI	AVSDRTNTA	VIGTRPPTR	NNEDIIIIYH	-----
E.curvistellata	BAS21353.1		PGFTGDEID	GQYELTS	DELQRPGH	GHHGHHDHHD	HDHHDHHDH
E.curvistellata	BAS21353.1		PGLFGDEI	-----	-----	OGHGNND	HG--NHGNN
A.vastus	Avas.s014.g618.i1	251	Proline-rich - Repeat 2				
O.minuta	KAI6653225.1		-----HHHHHH	HH-----HCC	PCPTSSSLP	FTSTQOPTPT	PSL--SLVN
R.fibulata	TR13145_c0_g2_i1		-----KHHHHH	HH-----HCC	PCNTTTTVPV	FTITHAGIPT	SST--RSSSG
E.curvistellata	LC010923.1		-----KHHHHH	HN-----NCC	PCSSSSVVL	ATATPAPIPS	SSIMPSSSTA
E.curvistellata	BAS21353.1		HDHGKHDHHC	KHGKHGKHHD	HDHHHSHAP	-----PS	PPT--VP
E.curvistellata	BAS21353.1		HDHGNHDHHC	NN-----HVH	PDHHTTSGP	-----	-----
A.vastus	Avas.s014.g618.i1	301	Threonine-rich region - Repeat 1				
O.minuta	KAI6653225.1		KHD-----SP	DSEIQSFELE	DAYES-----	VALLSNP	LSWTKFAHVV
R.fibulata	TR13145_c0_g2_i1		PSE-----KP	RPGPKHLSLD	MEYESNPVDE	QMRIEFNTNP	ESWNNENANIV
E.curvistellata	LC010923.1		PSSPKLPPHP	KPGPKHESLD	LENDSSDEDE	O--IELTANP	DSWTGNANVV
E.curvistellata	BAS21353.1		PHT-----HP	LPPTHATVP	HTHATVPHTH	ATHHTHTNT	ITWSLV--
E.curvistellata	BAS21353.1		-----HP	HSPLDVIDLD	SADESNYEDE	P--LEMFNSNP	ESWTKSVNVV
A.vastus	Avas.s014.g618.i1	351					
O.minuta	KAI6653225.1		YDFFAAGFAM	QNSEELPIQC	VASKLCKMHP	TLFAHNLVFG	GKNFGSNIAA
R.fibulata	TR13145_c0_g2_i1		YLDFAAGYAR	PTSNDFFDFI	LISEFCHLYP	SLTGSIDLVLG	GKDMGAVVAA
E.curvistellata	LC010923.1		YDFVAGFAR	PSSNDFRFNS	VITELCKQFP	GLIGSGLYLG	GKDLGARLAV
E.curvistellata	BAS21353.1		YDFFAAGFAR	SASNSFDFAL	ITIEKLCLRP	ELIGAEVYVG	GKNFGAYFAS
A.vastus	Avas.s014.g618.i1	401					
O.minuta	KAI6653225.1		SLVENMOY-S	NFNDMNKGL	VLSLFVPEDV	EKSEFTEDVE	FILNEPRFOK
R.fibulata	TR13145_c0_g2_i1		KAFAEIRA-S	NLTKLNLNGY	IFSLAPDEI	GTSELIDVT	LVLNNEQYKQ
E.curvistellata	LC010923.1		EAFEEIRASS	NLTETNLKGF	LFSLFSPEDA	GRSELIEDIT	LILNNEQFKQ
E.curvistellata	BAS21353.1		LAFEDIRS-S	NETETITAKGF	ILSLAPEDN	DKYDSLEDIS	LIMNGEEFKT
A.vastus	Avas.s014.g618.i1	451					
O.minuta	KAI6653225.1		ELGLP-SEVV	YPDFPESSSO	TQFSYELLIK	FVQKNVKESS	TIVYGRDISL
R.fibulata	TR13145_c0_g2_i1		QIGRENNEIW	YPYISNSLEN	DHFSYEQLLK	FTDENSCKFS	TVISGRDITV
E.curvistellata	LC010923.1		QLGRERDAIW	YPYVFNSLRN	DQFSYERILK	FAEKNSGKYT	SIITGRDISV
E.curvistellata	BAS21353.1		EFGLDETDMW	DPYLFDFIEQ	DQYTNDQLTA	FTENPAGKFS	TVIYGRDVTA
A.vastus	Avas.s014.g618.i1	501					
O.minuta	KAI6653225.1		NDLKSLID	-----	-----	-----	-----
R.fibulata	TR13145_c0_g2_i1		DDLQYLM	-----	-----	-----	-----
E.curvistellata	LC010923.1		GDLKRLTN	-----	-----	-----	-----
E.curvistellata	BAS21353.1		DDLKE--E	-----	-----	-----	-----