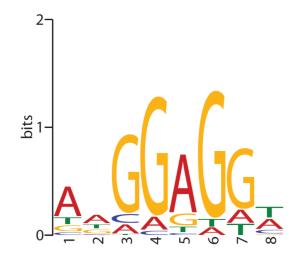
Supplemental Fig. 1



MEME motif analysis of nucleotides upstream of start codons of all Ld25A ORFs confirm that the Shine-Dalgarno sequences follow the normal consensus sequences.

Supplemental Fig. 2

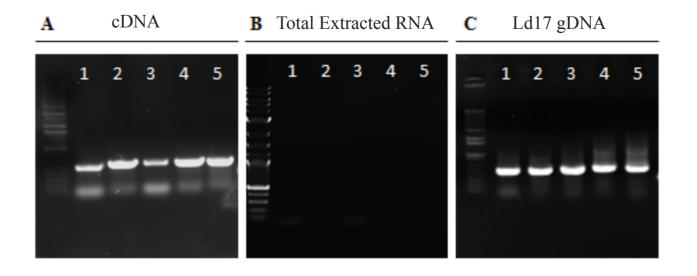
Image: state Image: state Image: state Image: state Image: state Image: state db RXMMVVVSESKVVI ADSIVVESKSONDA INKLINGT DIREPT VSEIN PHVDERKVKSK I VARETLLERKOGH, URBAR VSEIN PHVDERKVKSK I VARETLLERKOGH, URBAR db RXMMVVVSESKVVI ADSIVVESKSONDA INKLINGT DIREPT VSEIN PHVDERKVKSK I VARETLLERKOGH, URBAR db RXMMVVVSESKVVI ADSIVVESKSONDA INKLINGT DIREPT VSEIN PHVDERKVKSK I VARETLLERKOGH, URBAR db RXMMVVVSESKVVI ADSIVVESKSONDA INKLINGT DIREPT VSEIN PHVDERKVKSK I VARETLLERKOGH, URBAR db TXKLAADI GODINGVVRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD db TXKLAADI GODINGVVRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD db TXKLAADI GODINGVVRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD db TXKLAADI GODINGVVRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD dc TXKLAADI GODINGVTRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD dc TXKLAADI GODINGVTRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD dc TXKLAADI GODINGVTRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD dc TXKLAADI GODINGVTRYKKILER ISEAI MOSVCT IL PVSSODULL DEL VLYSPTOYD PYTKVVSFSON INEEDFOOD <	Majority	ML RVF GAT DT DF	TSNGDI VLQPYKA	KVHKEDNGD	YLDVEAGLQ	YSSYLTANRI	I VADTPQGAQA	FRI TNPSKTC	SKI SL
5.5 MIEVERÄTTDETENKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖÖKI SI. 6.6 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTESIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 100 100 120 10		10	20	30	40	50	60	70	80
5.5 MIEVERÄTTDETENKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖÖKI SI. 6.6 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTETSIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 MIENYEÄYTTESIKÖD VI. OPYKANKURANDENDAVYU DEALG VISEVITANE I VADPERGAAGAERI TINESKTÖKI SI. 6.7 100 100 120 10	l db					YSSYLTANRI			
Leis N. H.Y. C (2010 F SNDD) Y. GYYAKA YMKENNEDYDY DEGAG (2015) Y. LANKI Y. VADPAGAGAFNI, MYKST (2014) S. S. N. KYK (2010 F F SND) Y. GYYAKA (1940) Y. GYYAKA YMKENNEDYD (2014) Y. SAD F GAGAFNI, MYKST (2014) S. S. N. KYK (2010) F SND) Y. GYYAKA (1940) Y. GYYAKA (1940) Y. DYKK (2015) Y. LANKI Y. VAD F GAGAFNI, MYKST (2014) S. S. N. KYK (2010) F SND) Y. GYYAKA (1940) Y. GYYAKA (1940) Y. DYKK (2015) Y. LANKI Y. VAD F GAGAFNI, MYKST (2014) Y. N. KYK (2010) Y. GYYAKA (1940) Y. GYYAKA (1940) Y. GYYAKA (1940) Y. 9 0 10 10 12 0 19 14 15 19 10 10 10 10 10 10 10 10 10 10 10 10 10				_					
dd m. H.P.YEG M. H.YYEG TOTE TSINGD VL. OPYLAKE (MCROYL) DELAGLOVSEVLTANIE I VADTEGACAPERI THERETGINE IS M. R.YEGATO ETSINGD VL. OPYLAKE (MCROYL) DELAGLOVSEVLTANIE I VADTEGACAPERI THERETGINE IS M. R.YEGATO ETSINGD VL. OPYLAKE (MCROYL) DELAGLOVSEVLTANIE I VADTEGACAPERI THERETGINE IS M. R.YEGATO ETSINGD VL. OPYLAKE (MCROYL) DELAGLOVSEVLTANIE I VADTEGACAPERI THERETGINE IS M. R.YEGATO ETSINGD VL. OPYLAKE (MCROYL) DELAGLOVSEVLTANIE I VADTEGACAPERI THERETGINE IS M. R.YEGATO ETSINGD VL. OPYLAKE (MCROYL) 0 10 12 10									
dda NLRVE (ATOTET SINGU VL.DYYAKA) THE NUMBER OF SINGU VL.DYYAKAN LENDINGYY LOVAG VSVLTANIL I VADTGOAGAFRI TINISKITGISKI SL MARKY GATOTET TSINGU VL.DYYAKAN LENDINGYY LOVAG VSVLTANIL I VADTGOAGAFRI TINISKITGISKI SL TANA TYPER OF SINGU VL.DYYAKAN LENDINGYY LOVAG VSVLTANIL VLADTGOAGAFRI TINISKITGISKI SL MARKY VDEKYY LADSINVY LESSINGAL INLINGAT DIREPT VSSII PHYDER PCVRISKI VLAFELL LENGGELL VRIMING TANA TYPER VSII PHYDER KYKRISKI VLAFELL LENGGELL VRIMING MARKY VDEKYY LADSINVY LESSINGAL INLINGAT DIREPT VSSII PHYDER PKOKRISK VEAFELL LENGGELL VRIMING TANA TYPER VSII PHYDER KYKRISKI VLAFELL LENGGELL VRIMING MARKY VDEKYY LADSINVY LESSINGAL INLINGAT DIREPT VSSII PHYDER FKORKIS VEAFELL LENGGELL VRIMING TANA TYPER VYDEKYY LODSINVY LESSINGAL INLINGAT DIREPT VSSII PHYDER FKORKIS VEAFELL LENGGELL VRIMING MARKY VDEKYY LODSINVY LESSINGAL INLINGAT DIREPT VSSII PHYDER FKORKIS VEAFELL LENKGELL VRIMING TANA TYPER VSKII PHYTER VSKII PHYTER VSKII PHYTER VSKII SKI PHYTER VSKII SKII PHYTER VSKII VSKII VSKII VSKII VSKII PHYTER VSKII SKII PHYTER VSKII VSKII VSKII VSKII VSKII VSKII VSKII VSKII PHYTER VSKII VSKII VSKII VSKII SKII PHYTER VSKII VSKII VSKII VSKII SKII PHYTER VSKII VSKII VSKII VSKII PHYTER VSKII VSKII VSKII PHYTER VSKII VSKII VSKII PHYTER VSKII VSKII VSKII VSKII VSKII VSKII VSKII VSKII VSKII PHYTER VSKII V									
ML RVF GATD [1] TISNED VL OPYKARÚMEĽOMEDYLU DVEKGLOVŠSVLTANEL I VADTPGOLOAFRI. TIVESTEDKI SL Many RAMMYVDSKVVL JADSMVVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY Many RAMMYVDSKVVL JADSMVVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY AdventyVDSKVVL JADSMVVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY RAMMYVDSKVVL JADSMVVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY RAMMYVDSKVVVL JADSMVVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY RAMMYVDSKVVVL JADSMVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY RAMMYVDSKVVVL JADSMVEKSONAL NIL NSATDNESPESVSNI PINJOSFROVRKSL VEAFETL LERVIGHLVKUNY KADADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO VKLAADI GODINAUTVRYKUN, REF ISEAL VOSVCT IL LPVGSDL LL DELVL SPTOVPI PINVSSSON NEEDER GO V									
Name RAMEWYY JASSWY VI JASSWY EKSONDALI MELINSATDINGSPE VSSNI PHYDBSFROVRESI, YEAFETLL ERWOOHL VRDNE 10 20		<u> </u>		—		—			
Image: space in the s									
db RVMPUYUSSKIVU ADSIVVESGONDAL MIL ISAT DIRSPL VSLIP VSSLIP VIDEN State 11 LERIXGOLI VEDULE VSLIP VSSLIP VIDEN Ling RAMEVYUSSKIVU ADSIVVESGONDAL MIL ISAT DIRSPL VSLIP VSSLIP VIDEN State 11 LERIXGOLI VEDULE VSSLIP VSSLIP VIDEN Ling RAMEVYUSSKIVU ADSIVVESGONDAL MIL ISAT DIRSPL VSSLIP VSSLIP	Vajority	RAWHVYYDSKNY	VI ADSNVVEKSG	NDAI NHLNSAT	DNRSPFSVS	SNI PHVDSFR	CVRKSLYEAFE	TLLERWGGHL	VRDNF
5. RAMEWYYDSKINYU ADSWYLESGONDAI HILINASTORREPE VSENI PHYDERROYRKELYEAFETLLERWGAILVRDMF 4 RAMEWYYDSKINYU ADSWYLESGONDAI HILINASTORREPE VSENI PHYDERROYRKELYEAFETLLERWGAILWRDMF 4 RAMEWYYDSKINYU ADSWYLESGONDAI HILINASTORREPE VSENI PHYDERROYRKU TAA FELLERWGAILWRDMF 4 RAMEWYYDSKINYU ADSWYLESGONDAI HILINASTORREPE VSENI PHYDERROWSKI LA FELVERWOSTENI LINGEN 4 RAMEWYYDSKINYU ADSWYLESGONDAI HILINASTORREPE VSENI PHYDEYYDYSPTOYD PYTWYSFSON INEEDYG GO 5 WYLLAADI GODONGYTWYRKINER RSEAI WOSYCTI LIYGSDALL LEELYLYSPTOYD PYTWYSFSON INEEDYG GO 6 WYLLAADI GODONGYTWYRKINER RSEAI WOSYCTI LIYGSDALL LEELYLYSPTOYD PYTWYSFSON INEEDYG GO 7 YSTAN KANE KELTDWGDT EVI DERLG INV THYTYSFTOYD PYTWYSFSON INEEDYG GO 7 YSTAN KANE KELTDWGDT EVI DERLG INV THYTYSFTOYD PYTWYSFSON INEEDYG GO 7 YSTAN KANE KELTDWGDT EVI DERLG INV THYTYSFTOYD PYTWYSFSON INEEDYG GO 7 YSTAN KANE KELTDWGDT EVI DERLG INV THYTYSFTOYD PYTWYSFSON INEEDYG GO 7 YSTAN KANE KELTDWGDT EVI DERLG INV THYTYSFTOYD PYTWYSFSO		90	100	110	120	130	140	150	160
Liu RAMEVYYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM AMAR WYYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLVRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLWRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOLLWRUM RAMEVYDSKINYI ADSWYEKS GNDAI MEI NASTORRSPE WSEN PHYDSFRCVERKI YEAFET LL ERWGOL WSEN RAMEVYDSKINYI ADSWYEKS GNDAI NEEDE GD ADAD GDDNGYTWYKKINE IER REAL MOSYCTKI LPVGSDOLL EL YL YSPTQYD PYTKVYSFSON MEEDE GD AWAL AADI GODNGYTWYKKINE IER REAL MOSYCTKI LPVGSDOLL EL YL YSPTQYD PYTKVYSFSON MEEDE GD AWAL AADI GODNGYTWYKKINE IER REAL MOSYCTKI LPVGSDOLL DEL YL YSPTQYD PYTKVYSFSON MEEDE GD AWAL ADJ GDDNGYTWYKKINE IER REAL MOSYCTKI LPVGSDOLL DEL YL YSPTQYD PYTKVYSFSON MEEDE GD AWAL YWAL ADJ CRACATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI DERLG INVI THYTYEYDCI OKKYTEYFG AMAU YHAAL IDDLRKAATOYL SENCYFKYSTI KAAL EKT DYGOTI EVI D	_db	RAWHVYYDSKNY	VI ADSNVVEKSG	NDAI NHLNSAT		SNI PHVDSFR	CVRKSLYEAFE	TLLERWGGHL	VRDNF
dd RAW-WYDSGNYU ADSWYEKSONDA INNI, NASTORRSPE VSSNI PHYDGREVERKU YEAFETLLERKOGHU KRDNF dd RAW-WYDSGNYU BOSWYEKSONDA INNI, NASTORRSPE VSSNI PHYDGREVERKU YEAFETLLERKOGHU KRDNF dd SYKLAADI CODNGYTRYKKNLREI RSEAI, MOSYCTKI LPYGSDGLLLDELY, YSPTGYDT PYTKVYSFSON INEEDEG dd TYD, 100 100 200 210 220 220 220 dd TYD, 100 100 200 210 220 220 220 dd TYKLAADI CODNGYTRYKKNLREIR RSEAI, MOSYCTKI LPYGSDGLLL DELY, YSPTGYDT PYTKVYSFSON INEEDEG 200	:5	RAWHVYYDSKNY	VI ADSNVVEKSG	NDAI NHLNSAT	DNRSPFNVS	SNI PHVDSFR	CVRKSLYEAFE	ETLLERWGGHL	VRDNF
dds RAWHYYDSKIWYU BORNYU BCGNUYCKSGNDAI MILINATDRRSPFSVSSIN PMDDSFROYKSL YEAFETLLERWOGRULVENNE Marty SVKLAADI GQDNGY VITYKKULREI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG Marty SVKLAADI GQDNGY VITYKKULREI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG Marty SVKLAADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG Marty SVKLAADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG SVKLAADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG SVKLADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG SVKLADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG SVKLADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG SVKLADI GQDNGY VITYKKULEI RSEAL MOSVCTKI LPVGSDGLLUDE VLYSPTOYDI PYTKVVSFGON INEEDFGG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NVI THYTTYEYDCI GKYTTEFFG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NVI THYTTYEYDCI GKYTTEFFG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NVI THYTTYEYDCI GKYTTEFFG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NVI THYTTYEYDCI GKYTTEFFG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NVI THYTTYEYDCI GKYTTEFFG MARLY MGAL DOLRKOAT DY SENCYKVSYTLAANLEKI.TDVGDTI EVI DERLGI NV	_L-Ku	RAWHVYYDSKNY	VI ADSNVVEKSG	NDAI NHLNSAT	DNRSPFKVS	SNI PHVDSFR	CVRKSLYEAFE	ETLLERWGGHL	VRDNF
dft RAMIVYTÖSKINVI ÖDGNUVEKSGENDAL MEL NAST DRRSPF SYSSIN PHÜDEFRÖVRELLY KAP ETT LENKIGGELVEDME Mørty SVKLAADI GODOGTVERVEKKILER IRE IR SEAL MØSUTTKI LPVGSDQLLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da TVKLAADI GODOGTVERVEKKILER IRE IR SEAL MØSUTTKI LPVGSDQLLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da TVKLAADI GODOGTVERVEKKILER IR SEAL MØSUTTKI LPVGSDQLLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da TVKLAADI GODOGTVERVEKKILER IR SEAL MØSUTTKI LPVGSDQLLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da SVKLAADI GODOGTVERVEKKILER IR SEAL MØSUTTKI LPVGSDQLLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da SVKLAADI GODOGTVERVEKKILER IR SEAL MØSUTTKI LPVGSDQLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da SVKLAADI GODOGTVERVEKKILER IR SEAL MØSUTTKI LPVGSDQLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da SVKLAADI GODOGTVERKKILER IR SEAL MØSUTTKI LPVGSDQLLDEL VLYST FOYDI PYTKVYSFSÖNI NEEDF GG da SVKLAADI GODOGTVERKKILTER IR SEAL MØSUTTKI LPVGSDQLLDEVLYST SV FOXDEL IVST KVKST IKAAL EKLTDVGOTI EVI DERLGI NVI THVTT VEVDCI GKKYTEVEFG da NANLYHOALI DOLRKGATOVI SENCYKKYSTLKAAL EKLTDVGOTI EVI DERLGI NVI THVTT VEVDCI GKKYTEVEFG da NANLYHOALI DOLRKGATOVI SENCYKKYSTLKAAL EKLTDVGOTI EVI DERLGI NVI THVTT VEVDCI GKKYTEVEFG da NANLYHOALI DOLRKGATOVI SENCYKKYSTLKAAL EKLTDVGOTI EVI DERLGI NVI THVTT VEVDCI GKKYTEVEFG da NANLYHOALI DOLRKGATOVI SENCYKKYSTLKA	_d3								
Number SVKLAADI GODINGUTVRYKKIM, REI REFAI WOSVCTKI LPVGSDGLLLDELVI VSPTOVDI PYTKVVSFGQNI NEEDFGG 170 190 200 210 220 220 220 db VKLAADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLLDUVSTYCHUPVRYKUSFGANI NEEDFGG styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLLDUVTVRYKUSFGANI NEEDFGG styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLLDUVTVRYKUSFGANI NEEDFGG styki, BDI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUVTVRYKUSFGANI NEEDFGG styki, BDI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUVTVRYKUSFGANI NEEDFGG styki, BDI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUVTVRYKUSFUSFGANI NEEDFGG styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUVTVRYKUSFGANI NEEDFGG styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUVTVRYKUSFGANI NEEDFGG styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI, LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI, LPVGSDGLLDUFU VSVTSVI SANAL styki, ADI GODINGUTVRYKKIM, REI REAL WOSVCTKI, LANGUTVRYKYKI, ANAL									
10 10 10 10 20 20 20 20 20 db TVKLAADI GODONTYNYKKU EEI RSEAN 095VCTKI LPVGSDGLLUDE LY VSTOYD PYTKVVSFSON NEEDE GO SVKLAADI GODONTYNKKU EEI RSEAN 095VCTKI LPVGSDGLLUE LY VSTOYD PYTKVVSFSON NEEDE GO SVKLAADI GODONTYNKKU EEI RSEAN 095VCTKI LPVGSDGLLUE LY VSTOYD PYTKVVSFSON NEEDE GO SVKLAADI GODONGY VN%KKU EEI RSEAN 095VCTKI LPVGSDGLLUDE LY VSTOYD PYTKVVSFSON NEEDE GO SVKLAADI GODONGY VN%KKU EEI RSEAN 095VCTKI LPVGSDGLLUDE VYSTIKVA ENDE SVKLAADI GODONGY VN%KKU EENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGALI DDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGAL GDLRKAATDYL SENCVFKVSTIKAAL EKI TDVGDTI EVI DERLGI NUT THYTTE YDCI GKKYTEVEFG NAAL YNGAL HAL NAAL YNGAL YNG	_d1/	RAWHVYYDSKNY	VI BDSNVVEKSG	NDAI NHLNSAI	DNRSPFSVS	SNI PHVDSFR	CVRKSLYEAFE	LLERWGGHL	VRDNF
de VVLLADI GÖDIGTVEYKKIL RELEREAL NOBVOTKI LEVSOG LL DÉLYLYSPTOVÍ PYTKVSFGOL IEEDEG SVLLADI GÖDIGTVEYKKIL RELERAL NÖBVOTKI LEVSÖG LL ELYLYSPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVSÖG LL ELYLYSPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVSÖG LL ELYLYSPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVSÖG LL ELYLYSPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVSÖG LL ELYLYSPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVGÖDI LEVI SPTOVÍ PYTKVSFGOL NEEDEG SVLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVGÖDI EVI DERLGI NUT THVTTYEVSFGOL NEEDEG VÄLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVGÖDI EVI DERLGI NUT THVTTYEVSFGOL KVETVEFG VÄLLADI GÖDIGTVEYKKILREI RSELM VÖBVOTLI LEVGÖDI EVI DERLGI NUT THVTTYEVSCI GKVTTEVEFG VÄLLADI GÖDIGTVEYKKILKALLEKLTDVÖDTI EVI DERLGI NUT THVTTYEVSCI GKVTTEVEFG VÄLLADI ADD RKOATDVI SENCYPKVSTTLANLEKLTDVÖDTI EVI DERLGI NUT THVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT THVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT THVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT THVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT HVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT HVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTDVÖTTI EVI DERLGI NUT HVTTEVSCI GKVTTEVEFG NALLYHGALI DD RKOATDVI SENCYPKVSTLKANLEKLTÖVGÖT TEASSU VEGKLI LI VORLPKOTAKIVI NIN NEG GÖDI SÖDI GÖDI GÖDI SÖDI SÖDI GÖDI SÖDI SÖDI SÖDI KÄNNIN NEGHT GÖDI SÖDI GÖDI SÖDI GÖDI GÖDI SÖDI GÖDI GÖDI GÖDI GÖDI GÖDI GÖDI GÖDI G	√ajority	SVKLAADI GQDN	IGVTVRYKKNLREI	RSEAL WDSVO	CTKI L PVGSDO	GLLLDELYLY	SPTQYDI PYTK	VVSFSQNI NE	EDFGG
5. WYELADI GODIGY TYRYKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSPTOYI PYTKYSSFSON HEEDEGG WYELBOI GODIGYT WYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSPTOYI PYTKYSSFSON HEEDEGG WYELBOI GODIGYTWYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSFTOYI PYTKYSSFSON HEEDEGG WYELBOI GODIGYTWYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSFTOYI PYTKYSSFSON HEEDEGG WYELBOI COONGYTWYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSFTOYI PYTKYSSFSON HEEDEGG WYELBOI COONGYTWYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSFTOYI PYTKYSSFSON HEEDEGG WYELADI COONGYTWYKKIN, REI RSEAL WOSYCT KI LPYOSDGUL LELYLYSSFTOYI PYTKYSSFSON HEEDEGG WAELYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG MALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLTDYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLT DYODTI EYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLT DYODTI FYI DERLGI NYI THYTTYEYDCI GKKYTEVEFG NALLYHGAL IDDL RKGATDYL SENCYPKYSTT KANLEKLT DYODTI FYI DYNTYN NYENELSIN MINI SSSI SKDI EHKTDTL KAEVGKOI TEASSGI WOVL NGSSVI YEGNKI LI VORLPKDTKKYW MI SHG		170	180	190	200	210	220	230	240
5. WYELADI GODIGY TYRYKIN, REI RSEAL WOSYCT KI LPYOSDGULL GLYLYSSPTOYD PYTKYSSFSON NEEDFGG WYELADI GODIGYTYRYKKIN, REI RSEAL WOSYCT KI LPYOSDGULL GLYLYSSPTOYD PYTKYSSFSON NEEDFGG WYELADI GODIGYTYRYKKIN, REI RSEAL WOSYCT KI LPYOSDGULL DELYLSSPTOYD PYTKYSSFSON NEEDFGG WYELADI GODIGYTYRYKKIN, REI RSEAL WOSYCT KI LPYOSDGULL DELYLSSPTOYD PYTKYSSFSON NEEDFGG WYELADI GODIGYTYRYKKIN, REI RSEAL WOSYCT KI LPYOSDGULL DELYLSSPTOYD PYTKYSSFSON NEEDFGG WYELADI GODIGYTRYKKIN, REI RSEAL WOSYCT KI LPYOSDGULL DELYLSSPTOYD PYTKYSSFSON NEEDFGG WAELYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEFG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TDYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TOYOTT EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TOYOTT HYTTYPYDCI GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TOYOTT JYTKYSTYCHYCG GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYST KANLEKI. TOYOTT JYTKYSTYCHYCG GKKYTEVFEG NALLYHGAL IDDL RKGATDYL SENCYPKYSTI KANLEKIT DVGST I EVI DERLG INYI THYTTYPYDCI GKKYTEVFEG	db								EDEGG
L4u SVELADI GODIGYTVR/KKIN, REI RSEJI ØSVOTKI L PVOSDGL LE ELVLYS FTQVI PYTKVSFSON INEEDE GO 425A MORTY SVKL BADI GODIGYTVR/KKIN, REI RSEAI ØSVOTKI L PVOSDGL LU ELVLYS FTQVI PYTKVSFSON INEEDE GO 425A MORTY NANLYHGALI DDL KQATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTYEVEFG 720 MORTY NANLYHGALI DDL KQATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 MORTY NANLYHGALI DDL KQATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 720 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 720 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 720 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 720 730 390 390 400 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 721 730 390 390 400 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 7224 730 390 390 400 MALYHGALI DDL KKOATDYL SENCYPKVSYTL KANL EKLTDVGDTI EVI DERL GI NVI THVTTYEVDCI QKYTEVEFG 723 730 390 390									
dd Tyrk L BOL GODIGYTYRYKKIN, REI RSEAT WÖSYCTKI L PYOSOGL LU ELYLYS BY GYDI PYTKYVSFSGNI NEEDF GG dd Tyrk L BOL GODIGYTYRYKKIN, REI RSEAT WÖSYCTKI L PYOSOGL LU DELYLYS FYGYDI PYTKYVSFSGNI NEEDF GG dd Tyrk L ADI GODIGYTYRYKKIN, REI RSEAT WÖSYCTKI L PYOSOGL LU DELYLYS FYGYDI PYTKYVSFSGNI NEEDF GG dd NAAL YHGALI DDL RKGAT DYL SENCYPKYSYTL KANLE KL TDYGDTI EVI DERLGI NYI THYTT FYDCI GKYTTEVEFG 20 20 20 20 30 30 30 30 dd NAAL YHGALI DDL RKGAT DYL SENCYPKYSYTL KANLE KL TDYGDTI EVI DERLGI NYI THYTT FYDCI GKYTTEVEFG 50 NAAL YHGALI DDL RKGAT DYL SENCYPKYSYTL KANLE KL TDYGDTI EVI DERLGI NYI THYTT FYDCI GKYTTEVEFG dd NAAL YHGALI DDL RKGAT DYL SENCYPKYSYTL KANLE KL TDYGDTI EVI DERLGI NYI THYTT FYDCI GKYTTEVEFG 30 30 30 40 dd NANL YHGALI DDL RKGAT DYL SENCYPKYSYTL KANLE KL TDYGDTI EVI DERLGI NYI THYTT FYDCI GKYTTEVEFG 30 30 40 30 40 30 40 40 dd NYNEKLSNILMIDI SSIS SKID EHKTDTL KAEVCKOI TEASSGI WOVLNGSSVI YEGNKI LI YORLPHOTAKNYI M NSHG 140 40 40 40 40 40 40 40 40 40 40 40 40 40 40									
282A ŠVKL ŠADI GODNGVTURYKKUR, REI RSAU MOSVCTKI L PVGSDGL LI DEL VY SPTQVID PYTKVYSFSON NEEDF GG 4107 VKLAADI GODNGVTURYKKUR, REI RSAU MOSVCTKI L PVGSDGL LI DEL VY SPTQVID PYTKVYSFSON NEEDF GG 4107 VKLAADI GODNGVTURYKKUR, REI RSAU MOSVCTKI L PVGSDGL LI DEL VY SPTQUID PYTKVYSFSON NEEDF GG 4107 VKLAADI GODNGVTURYKKUR, REI RSAU MOSVCTKI L PVGSDGL LI DEL VY SPTQUID PYTKVYSFSON NEEDF GG 4107 VKLAND GODNGVTURYKKUR, REI RSAU MOSVCTKI L PVGSDGL LI DEL VY SPTQUID PYTKVYSFSON NEEDF GG 410 ANL YHGAL J DDL RKOAT DYL SENCYFKYSTT KANLEKLT DVGDTI EVI DERLG INVI THVTT YEVFCI GKYTTEVEF G 410 ANL YHGAL J DDL RKOAT DYL SENCYFKYSTT KANLEKLT DVGDTI EVI DERLG INVI THVTT YEVFCI GKYTTEVEF G 410 ANL YHGAL J DDL RKOAT DYL SENCYFKYSTT KANLEKLT DVGDTI EVI DERLG INVI THVTT EVFCI GKYTTEVEF G 410 ANL YHGAL J DDL RKOAT DYL SENCYFKYSTT KANLEKLT DVGDTI EVI DERLG INVI THVTT EVFCI GKYTTEVEF G 410 A30 320			—						
dit Type									
zgo zgo <td>_d17</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	_d17								
zgo zgo <td>A= : = = :</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	A = : = = :								
db NABLYHEAL DDLRKGARDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVER S1 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVER S2 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVER S3 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVER S45 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVER S45 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVERGI S45 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVERGI S45 NANLYHGALI DDLRKGATDYL SENOYKVSYTLKANLEKL TOVGDTI EVI DERLGI NVI THVTTE YDCI GKYTYEVERGI S45 NYNEKLSNLMDI S51 SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG S45 NYNEKLSNLMDI S51 SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG L440 NYNEKLSNLMMDI S51 SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG L470 NYNEKLSNLMMDI S51 SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG L480 NYNEKLSNLMMDI S51 SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG L470 NYNEKLSNLMDI SSSI SKDI EHKTDTLKAEVGKOTEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG L480 SSSI SKDI EHKTDTLKAEVGKOTE	/lajority	<u> </u>	1	I	1	1	1	1	T
55 NANLYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGDTI EVI DERLGI NVI THYTYEYCI GKYTTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTYEYCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEFG NANLYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEFG NYNEKLSNLMMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKONT AN NYNEKLSINL NKONTAKINI MI SHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKONT ANNL AN NYNEKLSINL SKONTAKINA AN NYNEKLSINLMDI SSISI SKDI HKTDTL				I	I	1	1	I	L
55 NANLYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGDTI EVI DERLGI NVI THYTYEYCI GKYTTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTYEYCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEG dawnay LYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEFG NANLYHOALI DDL RKOATDYLSENCYPKYSTLKANLEKLIDVOGTI EVI DERLGI NVI THYTTEYDCI GKKYTEVEFG NYNEKLSNLMMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI EHKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKOI TEASSGI MOVLNGSVI YEGNKI LI VORLPKDTAKINI MI NSHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKONT AN NYNEKLSINL NKONTAKINI MI SHG AN NYNEKLSINLMDI SSISI SKDI HKTDTL KAEVCKONT ANNL AN NYNEKLSINL SKONTAKINA AN NYNEKLSINLMDI SSISI SKDI HKTDTL	_db								
d3 NANLYHQUI DDLRKQATDYLSENCYPKYSTLKANLEKLTDVGDTIEVI DERLGI NVI THYTTEYDCI GKKYTEVEFG d4///discrete NANLYHQUI DDLRKQATDYLSENCYPKYSTLKANLEKLTDVGDTIEVI DERLGI NVI THYTTEYDCI GKKYTEVEFG d4///discrete NYNEKLSNLMNDI SSSI SKDI EHKTDTLKAEVGKQI TEASSGI MOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG 3/0		NANLYHQALI DD	LRKQATDYLSEN	CVPKVSYTLKA	ANLEKLTDVG	DTI EVI DERL	GI NVI THVTAY	EYDCI QNKYT	EVKFG
dza NALYHĘAL BOLRKAADDYL SENCYPKVSYTLKANLEKK TOVGOTI EVI DERLGI NVI THYTTEYPCI QKKYTEVEFG Nanu YHALJ DOLRKAATDYL SENCYPKVSYTLKANLEKK TOVGOTI EVI DERLGI NVI THYTTEYPCI QKKYTEVEFG Nanu YHALSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG 30 340 350 360 370 380 390 400 db NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG NANEX NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG L440 NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG ANTRELSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG ANTNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A10 NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A11 NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A11 NYNEKLSNLINDI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A10 SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A11 GYLLAAKUMINI SSI SKDI EHKTDTLKAEVGKOI TEASSGI WOVLNGSSVI YEGNKILLI VDRLPKDTAKNVI MINSHG A14 420 430 440 450 460 470	_L-Ku								
diff NAÑL YHGALT DOL RKQAT DYL ŠENCVPKVSYTLKANLEKĽ TOVGDTI EVI DERLGI NVI THVTT VEYDCI QKKYTEVEFG Abjorky 330 340 350 360 370 380 390 400 Abjorky 330 340 350 380 370 380 380 400 Abjorky 330 340 350 380 370 380 380 400 Abjorky 370 380 380 380 390 400 Abjorky MYNEKLSNLUNDI SSI SKDI EHKTDIL KAEVGKOT TEASSGI WOVLINGSVI YEGNKIL LI VDRLPKDTAKNINI MI NSHG 300 370 380 390 400 Adjo NYNEKLSNLUNDI SSI SKDI EHKTDIL KAEVGKOT TEASSGI WOVLINGSVI YEGNKIL LI VDRLPKDTAKNINI MI SHG 300 370 400 400 470 480 470 480 470 480 470 480 470 480 470 480 470 480 470 480 470 480 480 470 480 470 480 470 480 470 480 470 480 470 480 470 480 470 480 470 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Abjority <u>NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG</u> <u>330</u> <u>340</u> <u>350</u> <u>360</u> <u>370</u> <u>380</u> <u>370</u> <u>380</u> <u>390</u> <u>400</u> NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNEKLSNL NNDI SSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNELSNL NNDI SSI SKDI EHKTDTL KAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI SHG NYNELSNL NNDI SSI SKDI LI KITDFSQVI NALKADLI KGGTLD LSQNLANL TALLI KGG dob 1575 KNGI DGEFKTAWITI GNTL DFSQVI NALKADLI KGGTLD LSQNLANL TALLI KGG 1575 KNGI DGEFKTAWITI GNTL DFSQVI NALKADLI KGGTLD LSQNLANL TALL TALLI KGG 1575 KNGI DGEFKTAWITI GNTL DFSQVI NALKADLI KGGTLD LSQNLANL TALL TALLI KGG 1575 KNGI DGEFKTAWITI GNTL DFSQVI NALKADLI KGGTLD LSQNLANL TALLTANLI KGG 1575 KNGI DGEFKTAWITI GNTL DFSQVI NALKADLI KALDIT GVKTYGDSFKI NDKĞI FDMI YPVGI YI SV 1575 KNGI DGEFKTAWITI GNTL HLESGNVI SKR KAUNGSAEVVDQSDKLI AKLDNT GVKTYGDSFKI NDKĞI FDMI YPVGI YI SV 1575 KNGI DGEFKTAWITI GNTSMI					—			-	
330 340 350 360 370 380 390 400 db NYTEKLSNLMDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSHG st NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSHG LH4 NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SSI SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SSI SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SSI SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SSI SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SSI SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MI NSEG dda SISSIS SKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VSGAVTDASSKI MI SKOITEASSGI WOVLNGSSVI YEOKKI LI KLGSSANK	.d17	NANLYHQALI DD	LRKQATDYLSEN	CVPKVSYTLKA	ANLEKLTDVG	DTI EVI DERL	GI NVI THVTTY	EYDCI QKKYT	EVEFG
30 340 350 360 370 380 390 400 db NYTEKLSNLMDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSHG NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSHG L44 NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSEG Add NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSEG Add NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSEG Add NYTEKLSNLMNDI SSIS ISKDI EHKTDTLKAEVGKOITEASSGI WOVLNGSSVI YEOKKI LI VDRLPKDTAKNVI MINSEG Add 15FSKNGI DGEFKTAMTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG Add 450 460 470 480 Add 450 460 470 480 Add 55 I SFSKNGI DGEFKTAWTI GNTLDFSQVIN ANLKADLI KGGTLDLSQI NLANLTANLI KGG 100	/aioritv	NYNEKLSNLMND	I SSSI SKDI EHKI	TDTLKAEVGK	QITEASSGI WI	DVLNGSSVI Y	EGNKI LI VDRL	PKDTAKNVI M	1 NSHG
db NYNEKLSNLMNDI SISI SKDI EHKTDTLKAEVGKQI TEASGI WOVLNGSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG triku NYTEKLSNLMNDI SISI SKDI EHKTDLKAEVGKQI TEASSGI WOVLNGSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG triku NYTEKLSNLMNDI SISI SKDI EHKTDLKAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG triku NYTEKLSNLMNDI SISI SKDI EHKTDLKAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG dt NYTEKLSNLMNDI SSI SKDI EHKTDLKAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG dt NYTEKLSNLMNDI SSI SKDI EHKTDLKAEVGKQI TEASSGI WOVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG dt 1SFSKNGI DGEFKTAWIT GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG dt 1SFSKNGI DGEFKTAWIT GNTLD SSVNI SANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV dt 1SFSKNGI DGEFKTAWIT GNTLD SSVNI SANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV dt 1SFSKNGI GEFKTAWI			1	I	I	1	I	1	
55 NY BEKLSNL MNDI SSI SKÖL EHKTDT LAREVGKO TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 144 NYREKLSNL MNDI SSI SKÖL EHKTDT LKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 145 NYREKLSNL MNDI SSI SKÖL EHKTDT LKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 146 NYREKLSNL MNDI SSI SKÖL EHKTDT LKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 147 NYREKLSNL MNDI SSI SKÖL EHKTDT LKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 147 NYREKLSNL MNDI SSI SKÖL EHKTDT LKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VORLPKOTAKNVI MI NSHG 140 420 430 440 450 460 470 480 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSOVNI ÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLI KGG 155 SKNÖL DEEKTAWTI GNT LÖPSÖN NÄNLKADLI KGGT LÖLSÖN LÄNLTA ÄLI KGG 155 SKNÖL GEEKTAWTI GNT LÖPSÖN NÄNLKADLI KUGT LÖLSÖN LÄNLTANLI KGG 155 SKNÖL GEEKTAWTI GNT LÖPSÖN NÄNKYSÖLEVYDÖSÖKLI ÄLLDNT GIKTYGÖSFKI NDKXI FÖMI YPVGSI YI SV 156 NUNNENSVLEGT TLKLGSSÄNKYGSÄEVYDÖSÖKLI ALLDNT GIKTYGÖSFKI NDKXI FÖMI YPVGSI YI SV 157 SKNÖL GEEKTAWTI GNT LÖPSÖN TI KLKGSSÄNKYGSÄEVYDÖSÖKLI ALLDNT GIKTYGÖSFKI NDKXI FÖMI YPVGSI YI SV 156 NUNNENSVLEGGT WEÜL ÖDRFLLGAGSTYSÄGSTGGEANHTLT TÖSEI PSYPI GNLPEI VPONHGNWANGGI VÄSNLGSI YI SV 157 SKÖL GÖLTELGAGSTYSÄGSTGGEANHTLT TÖSEI PSYPI GNLPEI VPONHGNWANGGI VÄSNLGSI YI SV 158 NUNNENSVLEGGT WEÜL ÖDRFLLGAGSTYSÄGSTGGEANHTLT TÖSEI PSYPI GNLPEI VPONHGNWANGGI VÄSNLGSI SPS 158 NUNNENSVLEGGT WEÜL ÖDRFLLGAGSTYSÄGSTGGEANHTLT TÖSEI PSYPI GNLPEI VPONHGNWANGGI VÄSNLGSI SPS		I	I			1		I	
L-L40 NYREKLSNLENDI SS: SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI IL VDRLPKOTAKNVI MI DEHG MYREKLSNLENDI SS: SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG MYREKLSNLENDI SS: SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG NYREKLSNLENDI SS: SSI SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG MYREKLSNLENDI SS: SSI SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG MYREKLSNLENDI SSI SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG MYREKLSNLENDI SSI SKDI EHKTDILKAEVGKOI TEASSGI WOVLNÖSSVI YEGNKI LI VDRLPKOTAKNVI MI DEHG MEJORY ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSOI NLANLTAALI KGG SSI SSI SKDI DEHKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSOI NLANLTAALI KGG SSI SSI SKDI DEEKKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSOI NLANLTAALI KGG SSI SSI SKDI DEEKKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSOI NLANLTAALI KGG SSI SSI SKDI DEEKKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSOI NLANLTANLI KGG SSI SSI SSI SSI SSI SSI SSI SSI SSI SSI									
dd NYNEKLISNILMIDI SSSI SKDI EHKTDILKAEVGKOI TEASSĞI WOVLINGSSVI YEGNKL LI VDRLPKOTAKNVI MI NSHG dd NYNEKLISNILMIDI SSSI SKDI EHKTDILKAEVGKOI TEASSĞI WOVLINGSSVI YEGNKI LI VDRLPKOTAKNVI MI NSHG dd NYNEKLISNILMIDI SSSI SKDI EHKTDILKAEVGKOI TEASSĞI WOVLINGSSVI YEGNKI LI VDRLPKOTAKNVI MI EHG dd 1 SFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDI.SQINLANLTANLI KGGTUDI.SQINLANLTANLI KGGTUDI.SQINJANLTANLI KGGTUDI.SQINLANLTANLI KGGTUDI.SQINJANLTANLI KGGTUDI.SQINJANLTANLI KGGTUDI.SQINJANLTANLI KGGTUDI.SQINLANLTANLI KGGTUDI.SQINJANLTANLI KGGTUDI.SQINJANLTANLANLI KGGTUDI.SQINJANLTANLANLI KGGTUDI.SQINJANLTANLI K									
ddsa NYNEKLSNLMNDI SSI ŠKŠI EHKITDĪL KAEV KAU KAU ITEŠSGI VDVLNGSVI YEGNKI LI VDRLPKDTAKNVI MI NSHG datr NYNEKLSNLMNĒJ SSI ŠKŪI EHKITDĪL KAEV GKQI TEASSGI VDVLNGSVI YEGNKI LI VDRLPKDTAKNVI MI MEHG valor 410 420 430 datr 1SFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTALI KGGI DUSCINU ANUTANU KGG dab ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTALI KGGI DUSCINU ANUTANU KGG dab ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTALI KGGI DUSCINU ANUTANU KGG dab ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGGI DUSCINU ANUTANU KGGI dab ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGGI DUSCINU ANUTANU KGGI dab ISFSKNGI QGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGGI DUSCINU ANUTANU KGGI AND KAUTANU			—				—		
dti NYNEKLSNLMNE SSSI SKDI EHKTDTLKAEVGKQI TEÄSSGI WDVLNGSSVI YEGNKI LI VDRLPKDTAKNVI MEHG /hjority ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQI NLANLTANLI KGG. /hjority 1 /hjority 1 /signty 1 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
410 420 430 440 450 460 470 490 420 430 440 450 460 470 490 455 ISFSKNGI DGEFKTAWTI GNTL DESQVNI ANLKADLI KGGTLDLSQI NLANLKAL KGGTLDLSQI NLANLKAGLI KGGTLDLSQI NLANLKAL KGGTLDLSQI NLANLKAGLI KGGTLDLSQI NLANLKAL KGGTLDLSQI NLANLKAGLI KGGTLDLSQI NLANLKAGLI KGGTLDLSQI NLANLTANLI KGG 433 ISFSKNGI DGEFKTAWTI GNTLDFSQI NI ANLKADLI KGGTLDLSQI NLANLTANLI KGG KGGTLDLSQI NLANLTANLI KGG KGGTLDLSQI NLANLTANLI KGG 433 ISFSKNGI DGEFKTAWTI GNTLDFSQI NI ANLKADLI KGGTLDLSQI NLANLTANLI KGG KGGTLDLSQI NLANLTANLI KGG KGGTLDLSQI NLANLTANLI KGGTLDLSQI NLANLTANLI KGG 4407 ISFSKNGI DGEFKTAWTI GNTLDFSQI NI ANLKADLI KGGTLDLSQI NLANLTANLI KGG KGGTLDLSQI NLANLTANLI KGGTLDLSQI NLANLTANLI KGGT 4407 TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGKTYGDSFKI NDKSI FDMI YPVGSI YI SV 490 500 510 520 530 540 550 660 433 TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGKTYGDSFKI NDKSI FDMI YPVGSI YI SV 430 435A 440 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450 450									
410 420 430 440 450 460 470 490 410 420 430 440 450 460 470 490 410 1SFSKNGI DGEFKTAWTI GNTL DFSQVNI ANLKADLI KGGTLDLSQINLANLKAGLI KGG ISFSKNGI DGEFKTAWTI GNTLDFSQVNI ANLKADLI KGGTLDLSQINLANLTANLI KGG 400 450 4									
db ISFSKNGI DGEFKTAWTI GNTL DFSQVNI ANLKADLI KGGTL DLSQVNLANLTAGLI KLGSVNKI KGTL DLSQVNLANLTAGLI KLGSVNKI KGTL DLSQVNLANLTAGLI KTYGDSFKI NDKSI FDMI YPYGSI YI SV ddb 490 500 510 520 530 540 550 550 ddb 1000000000000000000000000000000000000	/ajority	I SFSKNGI DGEF	KTAWTI GNTLDFS	SQVNI ANLKAI		SQI NLANL TA	NLI KGG I		 T
55 I SF SKNGI DEEFKTAWTI GNTLDISQUNI ANLKADLI KGGTLDLSQUNLANL KADLI KGGTUDUSQUNLANLTANLI KGGUDUSQUNLANLTANLI KGGUDUSQUNUQUUQUUQUUQUUQUUQUUQUUQUUQUUQUUQUUQUU		410	420	430	440	450 L	460 L	470	480
L-Ku ISFSKNGI DGEFKKAWTI GNTLDËSQVNI ANLKADLI KGGT DLSQVNI ANLÄNLI KGG AGZA ISFSKNGI DGEFKTAWTI GNTLDËSQVNI ANLKADLI KGGT DLSQI NLANLTANLI KGG SFSKNGI DGEFKTAWTI GNTLDËSQVNI ANLKADLI KGGT DLSQI NLANLTANLI KGG MALON Kajorty	_db	I SFSKNGI DGEF	KTAWTI GNTLDFS	SQVNI ANLKA	DLIKGGTLDLS	SQUNLANLTA	DLI KGG		
d3 I SF\$KNGI GEFKTAWTI GNTLDISOVNI ANLKADLI KGGTUDLSOTNI ANLTANLI KGG d47 I SF\$KNGI GEFKTAWTI GNTLDFSOTNI ANLKADLI KGGTUDLSOTNI ANLTANLI KGG kajority	:5	I SFSKNGI DGEF	KTAWTI GNTLD	SQVNI ANLKAD		SQI NLANL KA	DLIKGGTLDLS		LIKGG
dd25A I SFSKNGI DEEFKTAWTI GNTL DES VII ANLKADLI GGGUDADADADADADADADADADADADADADADADADADA	_L-Ku	I SFSKNGI DGEF	KPAWTI GNTLDFS	SQVNI ANLKAD	DLIKGGTLDLS	SQUNLANLTA	NLI KGG		
dt17 I SFSKNGI ©GEFKTAWTI GNTL DFSQ NI ANLKADLI KGGT L D SQI NLANLTANLI ©GG vajority	_d3	I SFSKNGI <mark>N</mark> GEF	KTAWTI GNTLD	SQVNI ANLKAD	DLIKGGTLDLS	SQÎ NLANLTA	NLI KGG		
Adjority TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV 490 500 510 520 530 540 550 560 10 520 530 540 550 560 560 11 520 530 540 550 560 12 520 520 530 540 550 560 12 520 520 530 540 550 560 12 520 520 530 540 550 560 12 520 520 520 530 540 550 560 12 520 520 520 530 540 550 560 12 520 520 520 530 540 510 510 510 510 510 520 510 510 520 510 510 510 520 510 510 510 510 510 510 510 510 510 510 510 510 510 510 510 <t< td=""><td>_d25A</td><td>I SFSKNGI DGEF</td><td>KTAWTI GNTLDFS</td><td>S<mark>K</mark>VNI ANLKAD</td><td>DLIEGG</td><td></td><td></td><td></td><td></td></t<>	_d25A	I SFSKNGI DGEF	KTAWTI GNTLDFS	S <mark>K</mark> VNI ANLKAD	DLIEGG				
490 500 510 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 11 520 530 540 550 560 11 520 530 540 550 560 12 520 530 540 550 560 12 520 530 540 550 560 12 520 530 540 550 560 570 580 570 580 590 600 610 620 630 640 13 570 580 590 600 610 620 630 640 140 140 140 140 140 140 140 140 140 140 140 140 140 140 140	_d17	I SFSKNGI <mark>N</mark> GEF	KTAWTI GNTLDFS	SQ <mark>L</mark> NI ANLKA	DLIKGGTLDLS	SQI NLANLTA	NLI EGG		
490 500 510 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 10 520 530 540 550 560 11 500 510 520 530 540 550 560 11 500 510 520 530 540 550 560 12 520 540 550 560	√aiorit∨			SSANKYGSA		AKLDNTGVKT			IYISV
.db 1			I	I	I	1	1	I	Т
155 ILDESCINUAN TANU XCC TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKN FDMI YPVGAI YI SV 1.LKu ILDESCINUAN TANU XCC TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKN FDMI YPVGAI YI SV 1.dda ILDESCINUAN TANU XCC TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV 1.dda ILDESCINUAN TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV 1.dda ILDESCINUAN TLKLGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV 1.dda ILLEGSSANKYGSAEVYDQSDKLI AKLDNTGVKTYGDSFKI NDKSI FDMI YPVGSI YI SV 1.dda INNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANGGI VASNLGETSP 1.dda NNNNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SP 1.dda NNNNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SP 1.dda NNNNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SP 1.dda NNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SP 1.dda NNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGETSP 1.dda NNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHWANKGI VASNLGETSP 1.dda NNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHWANKGI VASNLGETSP 1.dda NNVNPSVLFGGTWEQI QDFLLGAGSTYSAGSTGGEANHTLTQSEI PYPI GNLALI VPI	alk								
LL-Ku Image: State of the state of th						_			
d3 Image: Constraint of the constraint									
dd25A Import in the import of the import									
diff INNUNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANGGI VASNLGETSP									
Abjority NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANGGI VASNLGETSP 570 570 580 590 600 610 620 630 640 db NNMNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SSP db NNMNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGSHGNWANKGI VASNLGE SSP db NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGSHGNWANKGI VASNLGE SP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGE SP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGETSP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANKGI VASNLGETSP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHGNWANGGI VASNLGETSP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHKWANGGI VASNLGETSP dd NNVNPSVLFGGTWEQI QDRFLLGAGSTYSAGSTGGEANHTLTQSEI PSYPI GNLPEI VPGNHKWANGGI VASNLGETSP dd TKPGVKSNGNGMTSGTQYSYNI YSNGGGCPHNNMPPYLAVYI WKRVN dd TKPGVKSNGNGMTSGTQYSYNI YSNGGGCPHNNMPPYLAVYI WKRVN dd TKPGVKSNGNGTTSGTQYSYNI YSNGGSCPHNNMPPYLAVYI WKRVN dd TKPGVKSNGNGTTSGTQYSYMI YSNGGSCPHNNMPPYLAVYI WKRVN dd									
1 1	· -								
db Image: Structure in the structure in th	<i>l</i> ajority	NNVNPSVLFGGT	WEQI QDRFLLGA	GSTYSAGSTGO	GEANHTL TQSE	EI PSYPI GNL	PEI VPGNHGNV	VANGGI VASNL	GETSP
S5 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGSHNWANGGIVASNLGEASP LL-Ku NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHGNWANGIVASNLGETSP Ld3 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHGNWANGIVASNLGETSP Ld25A NSVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHGNWANGGIVASNLGETSP Ld17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHWANGGIVASNLGETSP Vajority TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 650 660 670 680 1 1 650 660 670 680 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 2 <td></td> <td>570</td> <td>580</td> <td>590</td> <td>600</td> <td>610</td> <td>620</td> <td>630</td> <td>640</td>		570	580	590	600	610	620	630	640
55 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGSHNWANGGIVASNLGEASP 1.L-Ku NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHGNWANGIVASNLGETSP 1.d3 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQEIPSYPIGNLPEIVPGNHGNWANGGIVASNLGETSP 1.d25A NSVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHWANGGIVASNLGETSP 1.d17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHWANGGIVASNLGETSP 1.d17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSVGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHWANGGIVASNLGETSP /dajority TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 650 660 670 680 1.d17 TKPGVKSNGNGMTSGTQYSYMIYSNGGGCPHNNMPPYLAVYIWKRVN 1 1 650 660 670 680 1.d17 TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 1 .db TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 1 .db TKPGVKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVN 1 .d3 KENTIEPYNGRSTCTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVN 1 .d3 KENTIEPYNGRSTCTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 1 .d25A TKSGLKENGNVMTSGLQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN 1	.db	NNANPSVLFGGT	WEQIQDRFLLGA	GSTYSADSVG	JEANHTL TO A				GSASP
LL-Ku NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPSYPIGNLPEIVPGNHGNWANRGIVASNLGETSP .d3 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQEIPSYPIGNLPEIVPGNHGNWANRGIVASNLGETSP .d25A NSVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQEIPNYAIGNLATIVPINHGNWANGGIVAINNGTSI .d17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQEIPRYPIGNLPEIVPGNHWANGGIVASNLGETSP /dijority TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 650 660 670 680 1 1 .db TKPGVKSNGNEMTSGTQYSYMIYSNGGGCPHNNMPPYLAVYIWKRVN .db TKPGVKSNNNGNTRGTQYSYMIYSNGGGCPHNNMPPYLAVYIWKRVN .db TKPGVKSNNNGMTRGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .db TKPGVKSNGNGTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .db TKPGVKSNGNGTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .dd TKPGVKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVN .d3 KKENTMEYNGRSTCTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVN .d25A TKSCKENGNYMTSGTQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN		—			_		— — —		
d3 NNVNPSVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEATHTLTTEEMPEHNHEPANMAWAASKGENSEELSELLHIPRWID dd25A NSVNPSVLFGGTWEQIQDSFLLGAGSTYSAGSTGGEANHTLTQAEIPNYAIGNLATEVPINHGNWANGGIVAINMCCTSI dd17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQAEIPNYAIGNLATEVPINHGNWANGGIVAINMCCTSI dd17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQAEIPNYAIGNLATEVPINHGNWANGGIVAINMCCTSI dd17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQAEIPRYPIGNLPEIVPGNHWWAASKGENSEELSP /bijority TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 650 660 670 680 1 1 1 1 1 .db TKPGUKSNGNOMTSGTQYSYMIYSNGGGCPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNOMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNOMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNGTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRUN 1 1 .db TKPGUKSNGNGTSGTQYSYMIYSNGGGSCPHNNMPYLAVYIWKRVN 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
.d25A NSVNPSVLFGGTWEQIQDSFLLGAGSTYSAGSTGGEANHTLTQAEIPNYAIGNLATUVPNHGNWANGGIVAINMGETSI .d17 NNVNPAVLFGGTWEQIQDRFLLGAGSTYSAGSTGGEANHTLTQSEIPRYPIGNLPEIVPGNHWKWANGGIVASNLGETSP /ajority TKPGVKSNGNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN 650 660 670 680 .db TKPGVKSNGNDMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .db TKPGVKSNNNGMTSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cb TKPGVKSNNNGMTEGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cb TKPGVKSNNNGMTEGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cdb TKPGVKSNNNGMTEGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cdb TKPGVKSNNNGMTEGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cdb TKPGVKSNGNGETSGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRUN .cda TKPGVKSNGNGETSGTQYSYMIYSNGGGSTCPHNNMPPYLAVYIWKRVN .cd3 FKENTIESYNGRSTEQIQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .cd25A TKSGEKENGNWMTSGEQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN	.d3								
Abjority TKPGVKSNGNGMTSGTQYSYMI YSNGGGKPHNNMPPYLAVYI WKRVN 650 660 670 680 .db TKPGI KSNGN MTSGTQYSY I NSNGGG PHNNMPPYLAVYI WKRIN .55 TKPGVKSN NGMT RGTQYSYMI YSNGGG KPHNNMPPYLAVYI WKRVN .L-Ku TKPGVKSNGNG TSGTQYSYMI YSNGG PHNNMPPYLAVYI WKRVN .d3 IK ENTILEY NG RST CIQYSYMI YSNGG SKPHNNMPPYLAVYI WKRVN .d25A TKSG KENGN MTSG QYSYMI YSNGG GKPHNNMPPYLAVYI WKRVN		NSVNPSVLFGGT	WEQIQDSFLLGA	GSTYSAGSTG	GEANHTLTQA	EI PNYAI GNL	ATLVPINHGNV	VANGGI VATIN	GQTST
650 660 670 680 .db TKPGIKSNGNDMTSGTQYSYLINSNGGGCPHNNMPPYLAVYIWKRIN 25 TKPGVKSNNNGMTRGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .L-Ku TKPGVKSNGNGTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVS .d3 IKCNTIEYVNGRSTCIQYISSTGGSRPHNNMPPYLAVYIWKRVN .d3 TKSGLKENGNVMTSGLQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN	_d17	NNVNP A VLFGGT	WEQIQDRFLLGA	GSTYSMGSTG	GEANHTLTQSE	EI PRYPI GNL	PEI VPGNH <mark>MK</mark> V	VANGGI VASNL	GETSP
650 660 670 680 .db TKPGIKSNGNDMTSGTQYSYLINSNGGGCPHNNMPPYLAVYIWKRIN 25 TKPGVKSNNNGMTRGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN .L-Ku TKPGVKSNGNGITSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVS .d3 IKCNTIEYVNGRSTCIQYISSTGGSRPHNNMPPYLAVYIWKRVN .d3 TKSGIKENGNVMTSGIQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN	Vajority	TKPGVKSNGNGM	ITSGTQYSYMI YSI	NGGGKPHNNMF	PYLAVYI WKI	RVN			
db TKPGIKSNGNDMTSGTQYSYLINSNGGGCPHNNMPPYLAVYIWKRIN c5 TKPGVKSNNNGMTRGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN c4.4 TKPGVKSNGNGITSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVS cd3 IKCNTNEYMNGRSTQIQYISSTGGSRPHNNMPPYLAVYIWKRVN cd25A TKSGLKENGNVMTSGIQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN	- •		I	I	I				
TKPGVKSNNNGMTRGTQYSYMIYSNGGGKPHNNMPPYLAVYIWKRVN LL-KU TKPGVKSNGNGITSGTQYSYMIYSNGGSQPHNNMPPYLAVYIWKRVS Ld3 IKQNTUEYVNGRSTQUQYTHHSSTGGSRPHNNMPPYLAVYIWKRVN Ld25A TKSGLKENGNVMTSGIQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN	dh				1				
L-KU TKPGVKSNGNGTTSGTQYSYMIYSNGGSCPHNNMPPYLAVYIWKRVS d3 TKCNTTEYMNGRSTQTQYTSSTGGSRPHNNMPPYLAVYIWKRVN d25A TKSGTKENGNVMTSGTQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN									
Ld3 HKCNTHEYNNGRSTQHQYTHHSSTGGSRPHNNMPPYLAVYIWKRVN Ld25A TKSGLKENGNVMTSGUQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN									
_d25A TKSGLKENGNVMTSGLQYSYMIYSNGGGKPHNNMPPYLSVYIWKRVN									
	405 1		๚ อเษ ๒ ๛ เร ห เพเ						
	d25A d17		ITSGTQYSYMI NSI	NGGGKPHNNMF	PPYLAVYI WKI	RVN			

delbrueckii subsp. lactis). Amino acid residues are shaded where they differ from the consensus. Repeat regions are underlined.

T2 T5 T10 T15 T25 T35 Ld17 gDNA T45 T60 Teri Teri Teri Ter1 Ter2 Ter3 Ter1 Ter2 Ter3 Teri Teri Teri Ter1 Ter2 Ter3 Ter1 Ter2 Ter3 Ter1 Ter2 Ter3 fer1 Ter2 Ter3 Teri Teri Teri -1 83 ------1000 -

RT-PCR Products for Ter1, Ter2 and Ter3. Time (mins) post infection is indicated above each gel image. Products amplified from phage genomic DNA control are present on the rightmost panel.

Supplemental Fig. 4



Confirmatory PCRS on (A) cDNA to confirm product amplification in absence of a potential terminator sequence (left panel), (B) on total extracted RNA to ensure products were not amplified from residual DNA after Dnase treatment, (C) on Ld17 genomic DNA to ensure primer specificity. Primers used; Lane 1: TerL and TerF; Lane 2: MHF and MHR; Lane 3: TMPF and TMPR; Lane 4: GDPDF and GDPDR; Lane 5: ANTF and ANTR (primer sequences can be found in Table 2).

Supplemental Fig. 3