CLUSTAL W (1.83) multiple sequence alignment

AAX87447.1 MSS---------------------IKYRPEIDGLRAIAVISVIIYHLNEN

CAC99369.1 MKRT----------------TRYSRKYVPSIDGLRALAVIAVIAYHLNFS

LonelyBoi LR--------------------------LDIQGLRAVAVILVILDHLF-E

SIU02679.1 MEH---------------------LKYRPDIDGLRAVAVLSVVIFHYFPS

WP\_000379821.1 MDTKDFKR----------LEKMYSPRYLPGLDGLRAFAVIGIIIYHLNAQ

WP\_000639473.1 MIY---------------------KKFRLDINGLRAFALISVVLYHFGVP

WP\_001220853.1 MRI-------------------------KWFSLIRIIGLLLVLLYHFFQT

WP\_002245844.1 MQA---------------------VRYRPEIDGLRAVAVLSVMIFHLNNR

WP\_003641171.1 MRI-------------------------KWFSLVRITGLVLVLTYHFFQT

WP\_003687310.1 MSQ--------------------ALPYRPDIDTLRAAAVLSVIVFHIEKD

WP\_011101182.1 MNENLRSVNMSRTMSRMNRHRMNPRRYITGFDGIRTLAVLGVIIYHLMPA

WP\_021723064.1 MK-----------------------RYVTGFNGLRTIGVLTVILYHLWPN

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AAX87447.1 WLS**GGFLGVDIFFVISGF**LITGIIITEIQ-QNSFSLKQFYTRRIKRIYPA

CAC99369.1 WAK**GGFIGVDIFFVLSGY**LITNILLTQWEKNQSLQLKQFWIRRFRRLIPA

LonelyBoi WPK**AGFIGVDVFFVISGF**VITAGLQRGYGRTGTISFGDFYRKRARRIIPA

SIU02679.1 ILP**GGFVGVDIFFVISGY**LITSIILKSAS-SNSFSYVEFYKRRILRIFPA

WP\_000379821.1 WLS**GGFLGVDTFFVISGY**LITSLLISEYYRTQKIDLLEFWKRRLKRLIPA

WP\_000639473.1 YVS**GGFIGVDVFFVISGF**LMTGIVLERVD-H--KGVLDFYIARFLRIVPA

WP\_001220853.1 IFP**GGFFGVDVFFTFSGF**LITALLIEEFSKNNEIDLIGFFRRRFYRIVPP

WP\_002245844.1 WLP**GGFLGVDIFFVISGF**LITGIILSEIQ-NGSFSFRDFYTRRIKRIYPA

WP\_003641171.1 QFT**GGFIGVDIFFTFSGF**LITSLMVDEFARSDNFKLMAFYGRRFYRIVPP

WP\_003687310.1 WLP**GGFLGVDIFFVISGF**LMTAILLREMS-GGRFFLKTFYIRRIKRILPA

WP\_011101182.1 SLQ**GGYLGVPIFFVVSGY**LITDILLQDILSRGHVRIWRFLGHRMRRLYPA

WP\_021723064.1 HVQ**GGFLGVVLFFVLSGY**LVTDSLLREYEKNKKINIWQFWGRRLKRLYPL

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AAX87447.1 FITVMALVSFIASVIFIYNDFNKLRKTIELAIAFL**SN**FYLGLT-QG**Y**FDL

CAC99369.1 VYVMIVVVV-IYSVFFHPEILKNLRGDAIASFFYV**SN**WWFIFHNVS**Y**FDS

LonelyBoi STLVLVATCAAAAYAFYSSRFHETLIDAVWAFFFA**SN**WRFAFQGTN**Y**LTA

SIU02679.1 LSIVLISCIIIGWVYFFQDDYKSLGKHVFSGAFFI**SN**LTLWSE-SG**Y**FDS

WP\_000379821.1 VLFLICVVL-TFTLIFKPELIIQMKRDAIAAIFYV**SN**WWYISQNVD**Y**FNQ

WP\_000639473.1 LVFAILLLMIFGLFTLSTNEYEALSKNAISSLLFY**SN**NYYAIH-SS**Y**FDS

WP\_001220853.1 VVLMVLVTM-PFTFLVRQDYVAGIGGQIAGVLGFM**TN**FYELLTGGS**Y**ESQ

WP\_002245844.1 FIAAVSLASVIASQIFLYEDFNQMRKTVELSAVFL**SN**IYLGFQ-QG**Y**FDL

WP\_003641171.1 LFIAVLLVL-PLTYLIDHDFVTDIGKQVAAALGFT**TN**YFEIATGGS**Y**ENK

WP\_003687310.1 FFAVLAATLAGGFFLFTKDDFFLLWKSALTALGFA**SN**LYFARG-KD**Y**FDP

WP\_011101182.1 FVTMLLGTT-AYITLFQRSLLTNIRATVLTNLVYV**YN**WFEINHGQS**Y**FDR

WP\_021723064.1 LIAIFLLVT-PYIIIFQPNLWAGLRSNFLSAIFSV**QN**WWQISQGSS**Y**FAD

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AAX87447.1 SANENPVLHIWSLAVEEQYYLIFPLILILAYKKFREIK----VLF---II

CAC99369.1 FGLPSPLKNLWSLAIEEQFYLIWPAFLLVFLKWVKNPK----LLL---KI

LonelyBoi EGPVSPLQHYWSLGIEEQFYVVWPLLMLGVFTLAASRG----LHAHSERI

SIU02679.1 QSYLKPLLHLWSLGIEEQFYILWPIVILLCFKSKYSKR----NIL---LS

WP\_000379821.1 FA-IEPLKHLWSLAIEEQFYLLFPLVITFLLHRFKPRN----II----QT

WP\_000639473.1 SSEFNFLLHTWSLSVEWQFYILYPLLVIIVKKLRFP------VGL---SL

WP\_001220853.1 -FIPHLFVHNWSLAVEVHYYILWGLAVWFLSKQAKSNG----QL---KGM

WP\_002245844.1 SADENPVLHIWSLAVEEQYYLLYPLLLIFCCKKTKSLR----VLR---NI

WP\_003641171.1 -FIPHLFVHTWSLAVEMHFYILWGLIAWLVAKISRRLASGRRALTRFRWG

WP\_003687310.1 AQEEKPLLHIWSLSVEEQFYFVFPILLLLVARKSLR------VQF---GF

WP\_011101182.1 FNGESPFTHLWSLSIEGQYYLFWPLVIGILMVIFKKRS----RVF---WF

WP\_021723064.1 IAGASPFKHIYYLSIEGQFFILWPLLLIVLLKFVKKRG----RIF---VI

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AAX87447.1 ----TLILFFILLAT-S--FIPANFYKEVLHQPNIYYLSNLRFPELLVGS

CAC99369.1 VIG-LGLLSAVWMTI-L--YVPG------TDPSRVYYGTDTRAFDLLSGC

LonelyBoi AAAAIGLVIAVSFSWAMI--QTA------THAEFAYFSTFTRVWELGIGA

SIU02679.1 ----CAAIFIVSYTISV--FTMA------YEGGANYYSPASRFWELMAGA

WP\_000379821.1 LFI-VSLISLGLMIV-I--HFIT------GDNSRVYFGTDTRLQTLLLGC

WP\_000639473.1 -----SVILAMSLAITL--MRVT------GTKEDIFYLIPTRAWEMLAGG

WP\_001220853.1 VFLLSAVAFLISFFSMFIGSFLV------TSYSSVYFSSLTHVYPFFLGS

WP\_002245844.1 ----SIILFLILTAT-S--FLPSGFYTDILNQPNTYYLSTLRFPELLAGS

WP\_003641171.1 LGLLTTAFAIESFVMMYFGAVGL------KDFSPVYFSSLTHCFPFFVGG

WP\_003687310.1 ----LAALCALSLAA-S--FMPS--------ALDKYYLPHLRACEMLVGS

WP\_011101182.1 MMI-AAGISAITMAM-L--YDP-------ANTNRVYYGTDTRMFAILLGS

WP\_021723064.1 ANL-LALISAIWMAI-L--FVPG------ADPTRVYYGTDTRFFSLIMGA

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AAX87447.1 LLAIYHNLSA-SKQA-SKQA-SNV------IAI---LSTLL-LF----SC

CAC99369.1 ALAFVWPFNRLSPVV-PRK-SKAV------LNIAGTISILCFIL----FT

LonelyBoi MLALLAVEWKKIPDA-ARPF-L---------AW---VGLLG-IL----VS

SIU02679.1 IIATLRFMGI-KTSV-SKSM-SLI-------------GVII-IT----LS

WP\_000379821.1 ILAFIWPPFALKKDI-SKK-IVVS------LDIIGISGFAV-LM----TL

WP\_000639473.1 LVYIASVRYK-MPEW-IKHC-EVY-------------GIVL-IV----VA

WP\_001220853.1 MLATIVGVRQTT-SL-VKQL-DKIWDLRKTLVVF--GGGFG-FL---VLL

WP\_002245844.1 LLAVYGQTQNGRRQT-ANGK-RQL------LSS---LCFGA-LL----AC

WP\_003641171.1 LIGVLSGIKAQG-PI-YRWT-TAHCN-----PII--AGAVM-LISFILLV

WP\_003687310.1 LTAVRMRYRQQRNPAVGKRY-AAV------GAL---FSACI-LS----AC

WP\_011101182.1 GLAFIWPSRELSADI-ANV-NRVT------LDILGGASLIA-II----WI

WP\_021723064.1 SLAFVWPLNKLSHKV-NKRAVKIA------WQLTIGLSLLL-LL----AY

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AAX87447.1 LF--LMNNDIAY-IPGITLILPCIFTALIIHTTSQNNIIK-LCLSNKVIV

CAC99369.1 AF---VSEYQPFLYRGGLLFVAILGVIMIATISHPASYLS-KIFSFKPLR

LonelyBoi AF--IVSSESGFP--APWAALPVLATALVIAAGTGGERKHLYPLTNPVAS

SIU02679.1 IA--LINEKMA--FPGYIAIIPVIGASLIIASNGNDWIAS-KILSFKPIV

WP\_000379821.1 FF--IVGDQDQWIYNGGFYIISFATLFIIAIAVHPSSLFA-KFLSMKPLL

WP\_000639473.1 VV--ILHS-NGY-WPSYSALAPVLGASMVILANKQN---S-LFTSNRIAQ

WP\_001220853.1 TF--FVKFTYLFAYLIGFLLASLAALAMILAARVLHEKTH-HIQESKIIS

WP\_002245844.1 LF--VIDKHNPF-IPGMTLLLPCLLTALLIRSMQYGTLPT-RILSASPIV

WP\_003641171.1 ALGDRMKFDALQTYQGGLLLATVLAGIMIYGARLLHDHTP-NLKEPRWMT

WP\_003687310.1 LF--AYSEQTAY-FPGPAALIPCLAVAALIYFNHYEHPLK-KFFQWKITV

WP\_011101182.1 FF--QMSGQSDFTYRGGMLLFTVLSTVLVATVAHPASHLN-RVLTNPLFK

WP\_021723064.1 IF---MPAQGTFTYYGGMWLASLASVIMVALVAHPSLPTN-KLFSNPVFE

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AAX87447.1 FIGKISYSLYLYHWIFIAFAYYITGE-KQINNQSIAIVIILTIIFSVLSY

CAC99369.1 WIGTRSYGIYLWHYPIITLTTPVLEI-TQPNIWRAILQVAATFIIAELSF

LonelyBoi YIGDISYSLYLWHFPVIVILAAMMPS----GWRYHFLCLALMSILSVLSY

SIU02679.1 FIGLISYPLYLWHWPVYSFYRSIFSG--SPSTNELLILMALALVLAILTY

WP\_000379821.1 IIGKRSYSLYLWHYPIIVFVNSYYVQ-GQIPVYVYIIEILLTALMAEISY

WP\_000639473.1 WVGKISYSVYLWHWPVIVAMKHYDIE---FSAINIFFGVIVSFALGDISY

WP\_001220853.1 FLADTSYAVYLFHWPFYIIFSQLTS-----NLLAVLLTLICSYGFASLSF

WP\_002245844.1 FVGKISYSLYLYHWIFIAFAHYITGD-KQLGLPAVSAVAALTAGFSLLSY

WP\_003641171.1 FLADVSYSVYLYHWPLYVIFSHMMV-----NWLAALLTTVLSIILSALSY

WP\_003687310.1 AAGLISYSLYLWHWPILAFMRYIGPD--NLPPYSPAAAIVLTLAFSLISY

WP\_011101182.1 YVGQRSYGIYLYQFPVMIFYETKVKNIGDHLLLNSLIEVALILIVTELSY

WP\_021723064.1 YIGSRSYGIYLWQLPVFAFAEAKVL--APTAWYNLIWQLALILILTELSY

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AAX87447.1 YLIEQPIRKSKLN-F------------------KQSFL------------

CAC99369.1 RFIETPIRKNGFINYFKGFKDKNYFIWKNKPVGKWLSI------------

LonelyBoi HILEDPVRKSTWL-E------------------PKAVREDRRRLRRGAST

SIU02679.1 FLLEKPLRHSRKKSI------------------TTIIL------------

WP\_000379821.1 RFIETPIRKKGFKAF-AFLPK-----KKG--QFARTVL------------

WP\_000639473.1 RTIENTLRKRVKLQF------------------NIVLF------------

WP\_001220853.1 YVLEPWIAGKNTP-I------------------VQTLRP-----L-----

WP\_002245844.1 YLIEQPLRKRKMT-F------------------KKAFF------------

WP\_003641171.1 YVLEPVIAGKRAHVF------------------GHTVTW-----R-----

WP\_003687310.1 HCIEKPFKKWKGS-F------------------AQSVL------------

WP\_011101182.1 RFIENPMRHYDYSRLLVDFKDF---LRK--PKFNRVTT------------

WP\_021723064.1 RLIELPTQRFDYSNILGILQNF---VREKGWKLKKNIL------------

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AAX87447.1 ------------YIYFI-PSLL-------LLGFNL---------------

CAC99369.1 ------------AGVVAVL-AIF------TLGMSNVLSVNTNAEKQQTS-

LonelyBoi TTLADSVGSAKWKIISL-TAVLLVALAVVADGRGSD-MSS----VPDFTA

SIU02679.1 ------------AVVVF-GSGI--------FGIVT---------------

WP\_000379821.1 ------------VILLLVPSIVV------LSGQFDALGKQHEAEKKEKK-

WP\_000639473.1 ------------SSTLA-LCLF----VMFTKGVSF---------------

WP\_001220853.1 --------PYIHAILAA-GTGIL-TI---IVCT--V-TLL----APQVG-

WP\_002245844.1 ------------CLYLA-PSLI-------LVGYNL---------------

WP\_003641171.1 --------QLQLPVITA-GV-LL-AV---NTGV--V-VKN----APQLS-

WP\_003687310.1 ------------WIYAL-PMLV-------LGAGSF---------------

WP\_011101182.1 ------------AIVALTTV-LF---VITAVGF---VQQPSKAEANKKT-

WP\_021723064.1 ------------PMLISGLA-LI------SLGF---IIFSPPSPHDQRV-

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AAX87447.1 --------------------------YKRQ-TIR----------------

CAC99369.1 ---------------------VKTTTSTPD-EKK----------------

LonelyBoi AGQVSDNGAPTSPLQAGLVEGVEATKWPAN--LS----------------

SIU02679.1 --------------------------YSMN-GIKERSVNKSAGEYASVTN

WP\_000379821.1 ---------------------TEFKTTKKK-VVK----------------

WP\_000639473.1 --------------------------RFSD-TLKQ---------------

WP\_001220853.1 --------------------AFETDLTVNG--LK----------------

WP\_002245844.1 --------------------------YARG-ILK----------------

WP\_003641171.1 --------------------TLEQNLWVSG--IY----------------

WP\_003687310.1 --------------------------FAMRLPFM----------------

WP\_011101182.1 --------------------ELQKTIAA-N-SKA----------------

WP\_021723064.1 ---------------------IEEKIMA-Q--------------------

AAX87447.1 -AEKE----------------------HI---------------------

CAC99369.1 -DDKKEDKATKDK-------------------------------EADSNK

LonelyBoi -PSLEELG--DISFPTADANGCAPATPRG---------------------

SIU02679.1 VYDYYKYG--ELLRG-----GICHS-VLL---------------------

WP\_000379821.1 -K------------------------------------------------

WP\_000639473.1 VVEYRMDN--SPWRP-----DICFL-NPD---------------------

WP\_001220853.1 -QAATNIG--QTKV-----------MAER---------------------

WP\_002245844.1 -QEHL----------------------RP---------------------

WP\_003641171.1 -QDIDKIG--TTHEA-----VLAAVTPKK---------------------

WP\_003687310.1 -AQYDRLG--LTRSN-----TSCHN-NTG---------------------

WP\_011101182.1 -ADKKNAAALKRQKA-----AQAAAASSKKVATEKMQTKQAEAKLNSKQK

WP\_021723064.1 -----------------------------QVALQKKQLAEANNKVPMSLK

AAX87447.1 ------E--QSIPV------SNENHYPAKVIIL**GDS**HSSHLEAF**L**NY-VG

CAC99369.1 -ASEQKE--TQKPDNKNKSAATPKTIITQTVAI**GDS**VMLDIEPY**L**KEAVP

LonelyBoi ------R--DCT-I------A-GVDPSRLAVVV**GDS**ISVAWLPA**I**RAALE

SIU02679.1 ------K--DAISN------GCIKNSRNNIFII**GDS**YAAALYNG**L**SSYIK

WP\_000379821.1 -DKQEDK--QTAN-------SKEDIKKSSPLLI**GDS**VMVDIGNV**F**TKKIP

WP\_000639473.1 ------QDYSAFSK------CQDKMTEKSFVVW**GDS**HAAHLMPG**L**KSVFG

WP\_001220853.1 ------A--DAN----------SLGIADGTMLI**GDS**VALRANTALQTALP

WP\_002245844.1 ------L--PGAPL------AAENHFPETVLTL**GDS**HAGHLRGFLDY-VG

WP\_003641171.1 ------K--QAT-P------KGDQEKAPGVSII**GDS**VTLGTRSYLGDHVA

WP\_003687310.1 ------K--QC--L------WGDTEKQPELLVL**GDS**HADHYKTFFDA-VG

WP\_011101182.1 QVEKEYD--LK-PQ------VVLAMANTDLTAI**GDS**VLLDVSSDLQDVIP

WP\_021723064.1 AVAEKYK--VQ-PV------VAEKASQMNVLAL**GDS**VMVAASTNLQEVFP

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AAX87447.1 NK-E**G**WKADIFKDKFECSFIVNE---QYQLDPNCQSVWQKDSQYKAIFIS

CAC99369.1 N---------------------I---------------------------

LonelyBoi P--K**G**WTVAALPY-IGCPFVDGA---TE----------------------

SIU02679.1 NNNEKYVISQMTD-GNAPPLFVS---------------------------

WP\_000379821.1 N---------------------A---------------------------

WP\_000639473.1 NS---LNITQRTA-SLCPPIIGL---QKDDRPYCKDINDM----------

WP\_001220853.1 G---------------------A---------------------------

WP\_002245844.1 SR-E**G**WKAKILSLDSECLVWVDE---KLADNPLCRKYRDEVEKAEAVFIA

WP\_003641171.1 N---------------------S---------------------------

WP\_003687310.1 KK-EKWSATMVSA-DACAYVEGYASRVFQNWAACRAVYRYAEEHLPRYPK

WP\_011101182.1 G---------------------T---------------------------

WP\_021723064.1 H---------------------M---------------------------

AAX87447.1 AFYDLRMGGQPVPRFRPETFIEPDFKARFKNTV-KQLAMQK-**P**-VY**VF**AN

CAC99369.1 -TIDGLVGRQLR-------------DAITTATG-YKKFNSE-**N**SSV**IL**EL

LonelyBoi -NADATVVRTC--------------PAHKQEVV-DI**I**NRAK-**P**-AL**VI**GS

SIU02679.1 GKDDL----------------QRDVGSINADRI-KE**I**GIVK-P-EI**VL**LT

WP\_000379821.1 -QIDGKVGRQLV-------------DATPIVKSQYK**D**YAKK-GQKV**VV**EL

WP\_000639473.1 -------------------------------VA-KE**I**SDNK-P-TT**VL**MS

WP\_001220853.1 -QINAQVSVTTK-------------TANEIMLN-NSQNKFL-PKTV**V**IAT

WP\_002245844.1 QFYDLRMGGQPVPRFEAQSFLIPGFPARFRETV-KR**I**AAVK-P-VY**V**FAN

WP\_003641171.1 -NIDAEGDRTMN-------------LAYKVMMN-QQRSHTL-RQYV**V**ICI

WP\_003687310.1 VVLAMRWGSQMPENSR-SLAYDAGFFQKFDRML-HKLSSEKQA-VY**L**MAD

WP\_011101182.1 -VVQGRVGRQVT-------------EVPGIINS-LKSQGQL-AHNV**L**LNI

WP\_021723064.1 -YIDAAVGRQAE-------------SLDTDLTN-AKSKMPN-PDAY**L**IGL

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AAX87447.1 NSSVSRSPLRGYL-------------------------------------

CAC99369.1 **GTN**G---------PF----TEDQLNDLLDQFDK--ATIYLVNT-------

LonelyBoi **STN**NIRS-ARGESPEN---GARALSDQVAKIDAAAGRYVQLSPPPS----

SIU02679.1 WSVRGSNGVHDKK--LAIEALSLTIKEIKKVSP-QSRLIVVGPVPEWNAN

WP\_000379821.1 **GTN**G---------AF----TKDQLNELLDSFGK--ADIYLVSI-------

WP\_000639473.1 ALWPV-YPMRDYL--------PETIKFLKDNKV--KNIIIVGPFPVWKKT

WP\_001220853.1 GVNN---------PEN---YKDDWDSIVKNLPK-GHHMILVTPY-E----

WP\_002245844.1 NTSISRSPLREEK-------------------------------------

WP\_003641171.1 GTNA---------LDD---YEEQTMKIIHDLEP-GHKLILMTPY-N----

WP\_003687310.1 NLASSYNVQRAYI-------------------------------------

WP\_011101182.1 GTNG---------TI----TDDQAEQVVKLIGK-DRQIFWVTA-------

WP\_021723064.1 GTNG---------TI----KEGEIDAAMKVAGN--KPVYWINV-------

AAX87447.1 ------------------LEN--Y--GLEKYL----TPIHRMGD------

CAC99369.1 ---------------------RVP------------------RG------

LonelyBoi --------------------GDNPQECATRFS----SPRECLGGLPSNYT

SIU02679.1 LVKVISNYTSEFKKTPPIYMS--Y--GLNDEI------------------

WP\_000379821.1 ---------------------RVP------------------RD------

WP\_000639473.1 MIDT--------------IED--M--GINSGRTVPWSMTDETRN------

WP\_001220853.1 --------------------GDKTKE----------------------TY

WP\_002245844.1 ------------------LKR--F--AANQYL----RPIQAMGD------

WP\_003641171.1 --------------------ARADAD------------------------

WP\_003687310.1 ------------------LSSRIP--GCRQTL----RPDDE--S------

WP\_011101182.1 ---------------------HVP--------------T---QS------

WP\_021723064.1 ---------------------HAD------------------RV------

AAX87447.1 --IDASNKIIHDLVKDIPNVYWVDAQQYLPKDS----VM-AEG---KYLY

CAC99369.1 W-QSDVNKSIANA-ASRPNVTVVDWYSRSSGQS-------------QYFA

LonelyBoi ASVEAQKAV--MAGPGRQFVDTSDWFCTPEGDC----PILNGS---TLIR

SIU02679.1 ---KGWDKFFEENVPKLGAEY-ISAYSALCNESGCLTRV-GDG-PDFVTA

WP\_000379821.1 Y-EGRINKLIYEAAEKRSNVHLVDWYKASAGHP-------------EYFA

WP\_000639473.1 --LRDNDKYLRELAKEHSLTYISPL-ETMCTESYCK-AI-IGNRIAYPIQ

WP\_001220853.1 AIVEKAAAYMRELAEKTPYITIADWNQVAKEHP----EIWA--------G

WP\_002245844.1 --IGKSNQAVFDLIKDIPNVHWVDAQKYLPKNT----VE-IYG---RYLY

WP\_003641171.1 WNSSKLAVLERRLPAKYKFITVADWGKIAAQHP----EVFK--------G

WP\_003687310.1 --TLKANARIRELAAKYPNVYIIDAAAYIPADF-----Q-IGG---LPVY

WP\_011101182.1 W-QNQVNAQIAKTAKKHANVHVIDWHGRAQNQS-------------GWFA

WP\_021723064.1 W-AKPNNNLLKKMAKKYKNLKIIDWNKKASGQS-------------SWFY

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AAX87447.1 G**DQ**D**HL**T------NFGAYYMAKEFSKYQRVMTPEQVKKLYE-

CAC99369.1 P**DG**V**HL**T------KAGAQAYVAMLTSVM--N----------K

LonelyBoi R**DT**S**HI**T------PQYAKVIAPQLASAL--LTT--------G

SIU02679.1 V**DW**G**HL**T------KPGSDFLMKKIGHLI--I---------R-

WP\_000379821.1 Y**DG**I**HL**E------YAGSKALTDLIVKTM--ETH-ATN---KK

WP\_000639473.1 Y**DN**A**HL**T------PEGSGWFIEEVKKQI--S---------K-

WP\_001220853.1 T**DQ**V**HF**GSESSTIEAGAKLYADTIATAL--QTA-QDKPVKSK

WP\_002245844.1 G**DQ**D**HL**T------YFGSYYMGREFHKHERLLKSSRDGAL-Q-

WP\_003641171.1 T**DG**V**HF**GGI----RAGDILYAKVINQAL--TAA-KQTPAKPA

WP\_003687310.1 S**DK**D**HI**N------PYGGTELAKRFSEKQRFLDTRHN----H-

WP\_011101182.1 D**DN**V**HP**N------TTGNRQLTNLIANRI--AEV-NN-----N

WP\_021723064.1 S**DN**I**HP**K------GTGAEKYAALVANSL--TDV-E------K