

FIGURA 1

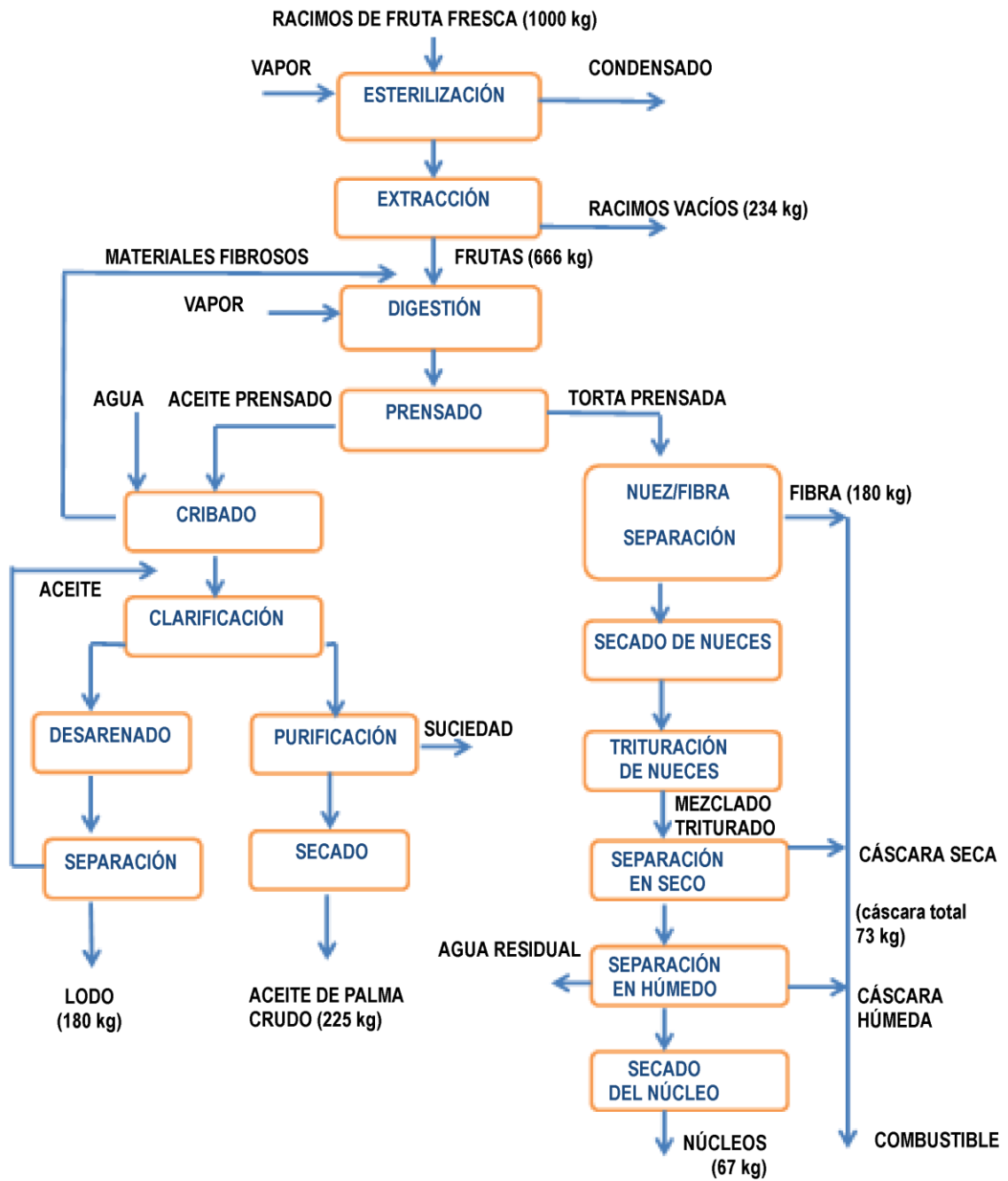


FIGURA 2

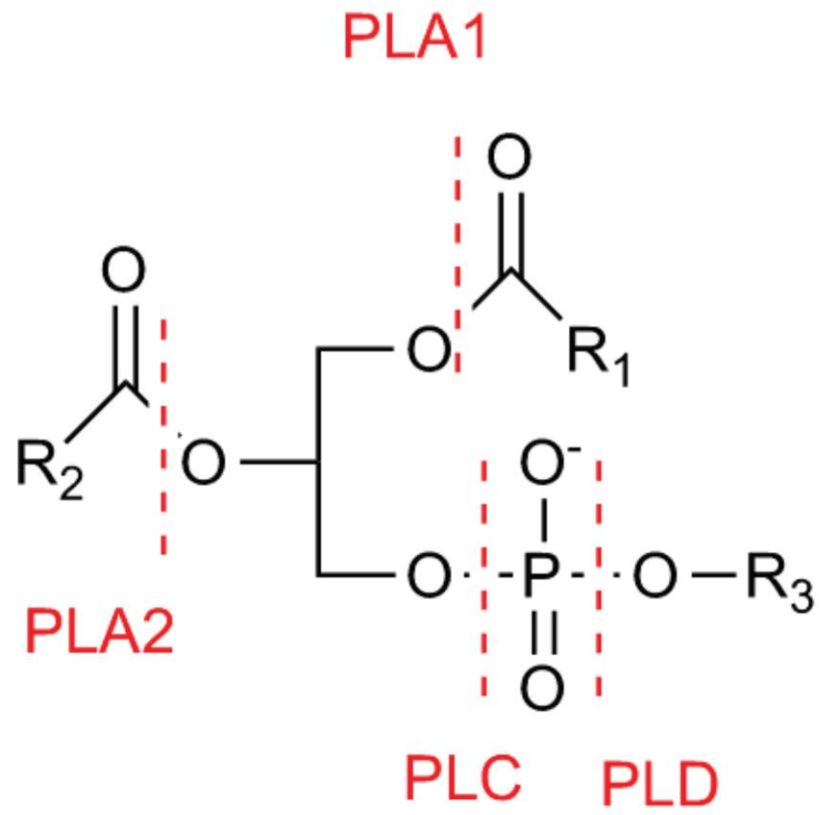


FIGURA 3

Sec. con núm. de ident. 16

```

1  ADTRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQFPGLT
61  IANEAEGGAT AVAYNKISWD PKYQVINNLD YEVTQFLQKD SFKPDDLVL VVGANDYLAY
121 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKV EAVSHVSAYH
181 NKLLLNLARQ LAPTMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPFATRSV
241 STDRQLSAFS PQLRLAIAGN PLLAQAVASP MARRSASPLN CEGKMFWDQV HPTTVVHAAL
301 SERAATFIET QYEFLAHG

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FIGURA 4

(Sec. con núm. de ident. 1)

```

1  MKKWVCLLG LVALTVQAAD SRPAFSRIVM FGDSLSDTGK MYSKMRGYLP
51  SSPPYYEGRF SNGPVWLEQL TKQFPGLTIA NEAEGGATAV AYNKISWNP
101 YQVINNLDYE VTQFLQKDSF KPDDLVLVW GANDYLAYGW NTEQDAKRVR
151 DAISDAANRM VLNGAKQILL FNLPDLGQNP SARSQKVVEA VSHVSAYHNQ
201 LLLNLARQLA PTGMVKLFEI DKQFAEMLRD PQNFGLSDVE NPCYDGGYVW
251 KPFATRSVST DRQLSAFSPQ ERLAIAGNPL LAQAVASPM RRSASPLNCE
301 GKMFWQVHP TTVVHAALSE RAATFIANQY EFLAH*

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FIGURA 5

(Sec. con núm. de ident. 2)

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1  ivafGDslTd geayygdsdg ggwgagladr ltallrlrar prgvdvfnrg isGrtsdGrl
61  ivDalvallF laqslglpnL pPYLsgdflr GANFAsagAt Ilptsgpfli QvqFkdfksq
121 vlelrqalgl lqellrllpv ldakspdlvt imiGtNDlit saffgpkste sdrnsvpef
181 kdnlrqlikr Lrsnngarii vlitlvilnl gplGC1Plkl alalassknv dasgcclerln
241 eavadvfneal relaiskled qlrkdgldpv kgadvpyvDl ysifqldldgi qnpsayvyGF
301 ettkacCGyG gryNynrvCG naglcnvtak aCnpssylls flfwDgfhps ekGykavAea
361 1

```

FIGURA 6

(Sec. con núm. de ident. 3)

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1  mkkwfvcllg lvaltvqaad srpafsrivm fgdslsdgtk myskmrgylp ssppyyegrf
61  sngpvwleql tnefpgltia neaeggptav aynkiswnpk yqvinnldye vtqflqkdsf
121 kpddlvilwv gandylaygw nteqdakrvr daisdaanrm vlngakeill fnlpdlgqnp
181 sarsqkvvea ashvsayhnq lllnlarqla ptgmvkflei dkqfaemlrd pqnfglsdqr
241 nacyggsyvw kpfasrsast dsqslsafnpq erlaiagnpl laqavaspma arsastlnce
301 gkmfwdqvhp ttvvhaalse paatfiesqy eflah

```

FIGURA 7

Sec. con núm. de ident. 4

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1 mkkwfvcllg lialtvqaad trpafsrivm fgdsldstgk myskmrgylp ssppyyegrif
61 sngpvwleql tkqfpgltia neaeggatav aynkiswnpk yqvinnldye vtqflqkdsf
121 kpddlvilwv gandylaygw nteqdakrvr daisdaanrm vlngakqill fnlpldgqnp
181 sarsqkvvea vshvsayhnk lllnlarqla ptgmvklfei dkqfaemlrd pqnfglsdve
241 npcydgggyvw kpfatrsrst drqlsafspq erlaiagnpl laqavaspma rrsasplnce
301 gkmfwdqvhv ttvvhaalse raatfietqy eflahg

```

FIGURA 8

Sec. con núm. de ident. 5

```

1 mpkpalrrvm tatvaavgtl algltdatah aapaqatptl dyvalgdsys agsgvlpvdp
61 anllcllrsta nyphviadtt garltdvtcg aaqtadftra qypgvapqld algtgtldvt
121 ltiggndnst finaitacgt agvlsaggks pckdrhgtsf ddeieantyp alkeallgvr
181 arapharvaa lgypwitpat adpscflklp laagdvpylr aiqahlndav rraaeetgat
241 yvdfsgvsdg hdaceapgtr wiepllfghs lvpvhpnaig errmaehtmd vlglg

```

FIGURA 9

Sec. con núm. de ident. 6

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1 mpkpalrrvm tatvaavgtl algltdatah aapaqatptl dyvalgdsys agsgvlpvdp
61 anllcllrsta nyphviadtt garltdvtcg aaqtadftra qypgvapqld algtgtldvt
121 ltiggndnst finaitacgt agvlsaggks pckdrhgtsf ddeieantyp alkeallgvr
181 arapharvaa lgypwitpat adpscflklp laagdvpylr aiqahlndav rraaeetgat
241 yvdfsgvsdg hdaceapgtr wiepllfghs lvpvhpnaig errmaehtmd vlglg

```

FIGURA 10

Sec. con núm. de ident. 7

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1 mdyekfllfg dsitefafnt rpiedgkdqy algaalvney trkmdilqrg fkgysrwal
61 kilpeilkhe snivmatifl gandacsagp qsvplpefid nirqmvslmk syhirpiiig
121 pglvdrekwe kekseeialg yfrtnenfai ysdalaklan eekvpfvaln kafqgegda
181 wqqltdglh fsgkykifh dellkvietf ypqyhpknmq yklkdwravl ddgsnims

```

FIGURA 11

(Sec. con núm. de ident. 8)

10	20	30	40	50	60
MNLRQWMGAA	TAALALGLAA	CGGGGTDQSG	NPNVAKVQRM	VV FGDSLSDI	GTYPVAQAV
70	80	90	100	110	120
GGGKFTTNPG	PIWAETVAAQ	LGVTLTPAVM	GYATSVQNCP	KAGCFDYAQG	GSRVTDPNGI
130	140	150	160	170	180
GHNGGAGALT	YPVQQQLANF	YAASNNTFNG	NNDVVFVLAG	SNDIFFWTTA	AATSGSGVTP
190	200	210	220	230	240
AIATAQVQQA	ATDLVGYVKD	MIAKGATQVY	VFNLPDSSLT	PDGVASGTTG	QALLHALVGT
250	260	270	280	290	300
FNTTLQSGLA	GTSARIIDFN	AQLTAAIQNG	ASFGFANTSA	RACDATKINA	LVPSAGGSSL
310	320	330	340		
FCSANTLVAS	GADQSYLFAD	GVHPTTAGHR	LIASNVLARL	LADNVAH	

FIGURA 12 (Sec. con núm. de ident. 9)

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1 migsyvavgd sftegvgdpg pdgafvgwad rlavlladrr pegdftytnl avgrllldqi
61 vaeqvprvvg lapdlvsfaa ggndiirpgt dpdevaerfe lavaaltaaa gtvltvtgfd
121 trgvpvlkhl rgkiatyngv vraiadrygc pvldlwslls vqdrrawdada rhlhspeght
181 rvalraggal glrvpadpdq pwpplpprgt ldvrddvhw areylvpwig rrlrgessgd
241 hvtakgtlsp daiktriaav a

```

FIGURA 13

(Sec. con núm. de ident. 10)

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1 mqtncpytsl vavgdsftg msdllpdgsy rgwadllatr maarspggfry anlavgkli
61 gqivdeqvvd aaamgadvit lvggldntlr pkcdmarvrd lltqaverla phceqlvlmr
121 spgrqgvpvl rfrprmealf aviddlagrh gavvvdlyga qsladprmwv vdrhlhtaeg
181 hrrvaeavwq slghepedpe whapipatpp pgwvtrrtad vrfarqhllp wigrrltgrs
241 sgdgllpakrp dllpyedpar

```

FIGURA 14

(Sec. con núm. de ident. 11)

```

1 mtrgrdggag apptkhrall aaivtlivai saaiyagasa ddgsrdhalq aggrlprgda
61 apastgawvg awatapaaae pgtettglag rsvrnvvhts vggtagaritl snlyggsplt
121 vthasialaa gpdtaaaiaa tmrrltfggs arviipaggq vmsdrtalai pyganvlvtt
181 yspipsgpvt yhpqarqtsy ladgdrtdv tavayttptp ywryltaldv lsheadgtvv
241 afgdsitdga rsqsdanhrw tdvlaarlhe aagdgdrtdpr ysvvnegisg nrltstrpgr
301 padnpsglr fqrdrvltvn vkavvvvlgv ndvlnspela drdailtglr tlvdrharg
361 lrvvgatitp fggygygytea retmrqevne eirsgrvfdt vvdfdkalrd pydprmrsv
421 ydsghlhpq dkgymarmgav idlaalkga pvka

```

FIGURA 15 (Sec. con núm. de ident. 12)

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1 mtsmsrarva rriaagaayg gggiglagaa avglvvaevq larrvvgvgt ptrvpnaqgl
61 yggtlptagd pplrlmmlgd staaggvhr agqtpgalla sglaavaerp vrlgsvaqpg
121 acsddldrvq alvlaepdrv pdicvimvga ndvthrmpt rsvrhlssav rrlrtagaev
181 vvgtcpldgt iervrqplrw larrasqla aaqtigaveq ggtrvslgdl lgpefaqnpr
241 elfgpdnyhp saegyataam avlpsvcaal glwpadeehp dalrregflp varaaaaaas
301 eagtevaam ptgprgpwal lkrrrrrrvs eaepsspsgv

```

FIGURA 16 (Sec. con núm. de ident. 13)

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1 mgrgtldqtr ygrrrarval aaltaavlgv gvagcdsvgg dspapsgsps krtrtapawd
61 tspasvaavg dsitrgfdac avlsdcpevs watgssakvd slavrllgka daaehswnya
121 vtgarmadlt aqvtraagre pelvavmaga ndacrsttsa mtpvadfra qfeamatlrk
181 klpkavqyvs sipdlkrlws qgrtnplgkq vwklglcspm lgdadslds atlrrntvrd
241 rvadynevlr evcakdrccr sddgavhefr fgtdqlshwd wfhpssvdgqa rlaeiayrav
301 taknp

```

FIGURA 17 (Sec. con núm. de ident. 14)

```

1 mrlsrraata sallltpala lfgasaavsa priqatdyva lgdsyssgvg agsydsssgs
61 ckrstksypa lwaashtgtr fnftacsgar tgdvlakqlt pvnsqtdlvs itiggndagf
121 adtmttcnlq gesaclaria karayiqqtl paqldqvyda idsrapaaqv vvlgyprfyk
181 lggscavgl eksraaina addinavtak raadhgfafg dvnttfaghe lcsgapwlhs
241 vtlpvensyh ptangqskgy lpvlnsat

```

FIGURA 18 (Sec. con núm. de ident. 15)

```

1 MKKWFVCLLG LIALTVQAAD TRPAFSRIVM FGDSLSDTGK MYSKMRGYLP
51 SSPPYYEGRF SNGPVWLEQL TKQFPGLTIA NEAEGGATAV AYNKISWNPK
101 YQVINNL DYE VTQFLQKDSF KPDDLVLWV GANDYLAYGW NTEQDAKVR
151 DAISDAANRM VLNGAKQILL FNLPDLGQNP SARSQKVVEA VSHVSAYHNK
201 LLLNLARQLA PTGMVKLFEI DKQFAEMLRD PQNFGLSDVE NPCYDGGYVW
251 KPFAATRSVST DRQLSAFSPQ ERLAIAGNPL LAQAVASPM RRSASPLNCE
301 GKMFWQVHP TTVVHAALSE RAATFIETQY EFLAHG*

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FIGURA 19 (Sec. con núm. de ident. 19)

```

1 migsyvavgd sftegvgdpg pdgafvgwad rlavlladrr pegdftytnl avgrllldqi
61 vaeqvprvvg lapdlvsfaa ggndiirpgt dpdevaerfe lavaaltaaa gtvltvtgfd
121 trgvplkhl rgkياتyngh vraiadrygc pvldlwslrs vqdrrawd ad rlhlspeght
181 rvalraggal glrvpadpdq pwpplpprgt ldvrddvhw areylvpwig rrlrgessgd
241 hvtakgtlsp daiktriaav a

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FIGURA 20 (Sec. con núm. de ident. 25)

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1 MFKFKKNFLV GLSAAALMSIS LFSATASAAS ADSRPAFSRI VMFGDSLSDT
51 GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQFPGLT IANEAEGGAT
101 AVAYNKISWN PKYQVINNL DYE YEVTQFLQKD SFKPDDLVL WVGANDYLAY
151 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKV
201 EAVSHVSAYH NQLLLNLARQ LAPTMGMVKLF EIDKQFAEML RDPQNFGLSD
251 VENPCYDGGY VWKPFATRSV STDRQLSAFS PQLRLAIAGN PLLAQAVASP
301 MARRSASPLN CEGKMFWQV HPTTVVHAAL SERAATFIAN QYEFLAH**

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FIGURA 21

(Sec. con núm. de ident. 26)

```

MRLTRSLSAASVIVFALLLALLGISPAQAAGPAYVALGDSYSSGNGAGSYIDSSGDCHRSN
NAYPARWAAANAPSSFTFAACSGAVTTDVINNQLGALNASTGLV SITIGNDAGFADAMTT
CVTSSDSTCLNRLATATNYINTLLARLDVAVSQIKARAPNARVVVLGYPRMYLASNPWYC
LGLSNTKRAAINTTADTLNSVISSRATAHGFRFGDVRPTFNNHELFFGNDWLHSLTLPVWE
SYHPTSTGHQSGYLPVLNANSST

```

FIGURA 22

Sec. con núm. de ident. 27

[ZP_00058717](#)

```

1  mlphpagerg  evgaffallv  gtpqdrirl  echetrplrg  rcgcgerrvp  pltlpgdgvl
61  cttssrdae  tvwrkhlqpr  pdggfrphlg  vgcclagqgs  pgvlwcgreg  crfevcrrdt
121 pglstrngd  ssppfragws  lppkcgeisq  sarktpavpr  ysllrtdrpd  gprgrfvsg
181 praatrerrlf  lgipalvlvt  altlvlavpt  gretlwrwc  eatqdwclgv  pvdsrggpae
241 dgeflllspv  qaatwnyya  lgdsyssgdg  ardyypgtav  kggcwsana  ypelvaeayd
301 faghlsflac  sgqrgyamld  aidevgsqld  wnsphtslvt  igiggnldgf  stvlktcmvr
361 vplldskact  dqedairkrm  akfettfeel  isevrtrapd  arilvvgypr  ifpeeptgay
421 ytltnsqrw  lnetiqefnq  qlaeavavhd  eeiaasggvg  svefvdvyha  ldgheigsde
481 pwngvqlrd  latgvtvdrs  tfhpnaaghr  avgervieqi  etgpgprplya  tfavvagatv
541 dtlagevg

```

FIGURA 23

(Sec. con núm. de ident. 28)

```

1  mgsgpraatr  rrlflgipal  vltaltlvt  avptgretlw  rmwceatqdw  clgvpvdsrg
61  qpaedgefll  lspvqaatwg  nyvalgdsys  sgdgardyyp  gtavkggcwr  sanaypelva
121 eaydfaghls  flacsgqrgy  amldaidevg  sqldwnspht  slvtigiggn  dlqfstvlkt
181 cmvrvpllds  kactdqedai  rkrmakfett  feelisevrt  rapdarilvv  gyprifpeep
241 tgayytltas  nqrwlnetiq  efnqqlaeav  avhdeeiaas  ggvgsvfvd  vyhaldghei
301 gsdepwngv  qlrdlatgvt  vdrstfhpna  aghravgerv  ieqietgpgr  plyatfavva
361 gatvdtlage  vg

```

FIGURA 24

(Sec. con núm. de ident. 29)

```

1  mrttviaasa  llllagcadg  areetagapp  gessggiree  gaeastsitd  vyialgdsya
61  amggrdqplr  gepfclrssg  nypellhaev  tdltcqgavt  gdlleprtlq  ertlpaqvda
121 ltedttlvtl  siggndlgfg  evagcireri  agenaddcvd  llgetigeql  dqlppqldrv
181 hairdragd  aqvvtgylp  lvsagdcpel  gdvseadrw  aveltgqine  tvreaaerhd
241 alfvlpddad  ehtscappq  rwadiqqqt  dayplhptsa  gheamaavr  dalglepvqp

```

FIGURA 25

(Sec. con núm. de ident. 30)

[ZP_00094165](#)

```

1  mgqvklfarr  capvllalag  lapaatvare  aplaegaryv  algssfaagp  gvgpnagpsp
61  ercgrgtlly  phllaealkl  dlvdatscga  tthhvlgpwn  evppqidsvn  gdtrlvlti
121 ggndvsfvgn  ifaaacekma  spdprcgkwr  eiteeewqad  eermrsivrq  iharaplarv
181 vvdyitvlp  psgtcaamai  spdrlaqsr  aakrlarita  rvareegasl  lkfshisrrh
241 hpcsakpsn  glsapaddgi  pvhpnrlgha  eaaaalvklv  klmk //

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FIGURA 26

Sec. con núm. de ident. 31

[NP_625998.](#)

```

      1 mrrfrlvglf sslvlaagaa ltgaataqaa qpaaadgyva lgdsyssgvg agsyisssgd
      61 ckrstkahpy lwaaahspst fdftacsgar tgdvlsqqlg plssgtglvs isiggndagf
     121 admtttcvlq sessclsria taeayvdstl pgkldgvysa isdkapnahv vvigypfryk
     181 lgttciglse tkrtainkas dhlntvlaqr aaahgftfgd vrttftghel csgspwlhsv
     241 nwnlignesyh ptaagqsggy lpvlingaa
//

```

FIGURA 27

Sec. con núm. de ident. 32

[NP_827753.](#)

```

      1 mrrsritayv tslllavgca ltgaataqas paaaatgyva lgdsyssgvg agsyisssgd
      61 ckrsskaypy lwqaahspss fsfmacsgar tgdvlnqlg tlnsstglvs ltiggndagf
     121 sdvmttcvlq sdsaclsrin takayvdstl pgqldsveya istkapsahv avlgyprfyk
     181 lggsclagls etkrsainda adylnsaiak raadhgftfg dvkstftghe icssstwlhs
     241 ldllnigqsy hptaagqsgg ylpvmnsva
//

```

FIGURA 28

Sec. con núm. de ident. 33

```

MRLTRSLSAASVIVFALLLALLGISPAQAAGPAYVALGDSYSSGNGAGSYIDSSGDCHRSN
NAYPARWAAANAPSSFTFAACSGAVTTDVINNQLGALNASTGLVSIITIGNDAGFADAMTT
CVTSSDSTCLNRLATATNYINTTLLARLDAVYSQIKARAPNARVVVLGYPRMYLASNPWYC
LGLSNTKRAAINTTADTLNSVISSRATAHGFRFGDVRPTFNNHELFFGNDWLHSLTLPVWE
SYHPTSTGHQSGYLPVLNANSST

```

FIGURA 29

(Sec. con núm. de ident. 34)

```

1      ADSRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQQFPGLT
61     IANEAEGGAT AVAYNKISWN PKYQVINNLD YEVTQFLQKD SFKPDDLVLV WVGANDYLAY
121    GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKVV EAVSHVSAYH
181    NQLLLNLARQ LAPTGMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPFATRSV
241    STDRQLSAFS PQERLAIAGN PLLAQAVASP MARRSASPLN CEGKMFWDQV HPTTVVHAAL
301    SERAATFIAN QYEFLAH*

```

FIGURA 30

(Sec. con núm. de ident. 35)

```

1  ADTRPAFSRI  VMFGDSLSDT  GMYSKMRGY  LPSSPPYYEG  RFSNGFPVWLE  QLTQFPGLT
61  IANEAEGGAT  AVAYNKISWN  PKYQVINNLD  YEVTQFLQKD  SFKPDDLVLIL  WVGANDYLAY
121  GWNTEQDAKR  VRDAISDAAN  RMVLNGAKQI  LLFNLPLDLGQ  NPSARSQKVV  EAVSHVSAYH
181  NKLLLNLARQ  LAPTMVKLF  EIDKQFAEML  RDPQNFGLSD  VENPCYDGGY  VWKPFATRSV
241  STDRQLSAFS  PQRLEIAGN  PLLAQAVASP  MARRSASPLN  CEGKMFWDQV  HPTTVVHAAL
301  SERAATFIET  QYEFLAHG

```

FIGURA 31

(Sec. con núm. de ident. 36)

```

ACAGGCCGATGCACGGAACCGTACCTTTCCGCAGTGAAGCGCTCTCCCCCATCGTTCGC
CGGGACTTCATCCGCGATTTTGGCATGAACACTTCCTTCAACGCGCGTAGCTTGCTACAA
GTGCGGCAGCAGACCCGCTCGTTGGAGGCTCAGTGAGATTGACCCGATCCCTGTCGGCCG
CATCCGTCATCGTCTTCGCCCTGCTGCTCGCGCTGCTGGGCATCAGCCCGGCCAGGCAG
CCGGCCCCGGCCTATGTGGCCCTGGGGGATTCTTCTTCCTCGGGCAACGGCGCCGGAAGTT
ACATCGATTTCGAGCGGTGACTGTCAACGCAGCAACAACGCGTACCCCGCCCGCTGGGCGG
CGGCCAACGCACCGTCTCTCTTCACTTCGCGGCCTGCTCGGGAGCGGTGACCACGGATG
TGATCAACAATCAGCTGGGCGCCCTCAACGCGTCCACCGGCCTGGTGAGCATCACCATCG
GCGGCAATGACGCGGGCTTCGCGGACGCGATGACCACCTGCGTCAACGCTCGGACAGCA
CCTGCCTCAACCGGCTGGCCACCGCCACCAACTACATCAACACCACCTGCTCGCCCGGC
TCGACGCGGTCTACAGCCAGATCAAGGCCGTGCCCCCAACGCCCGCGTGGTCGTCCTCG
GCTACCCGCGCATGTACCTGGCCTCGAACCCTGGTACTGCCTGGGCCTGAGCAACACCA
AGCGCGCGGCATCAACACCACCGCCGACACCCTCAACTCGGTGATCTCTCCCGGGCCA
CCGCCCACGGATTCCGATTTCGGCGATGTCCGCCCAGCTTCAACAACCACGAACTGTTCT
TCGGCAACGACTGGCTGCACTCACTCACCTGCGGTGTGGGAGTCGTACCACCCACCA
GCACGGGCCATCAGAGCGGTATCTGCCGGTCTCAACGCCAACAGCTCGACCTGATCAA
CGCACGGCCGTGCCCCCGCGCGTCACGCTCGGCGGGCGCGCGCAGCGGTTGATCA
GCCACAGTGCCGGTGACGGTCCCACCGTCACGGTCGAGGGTGACGTACGGTGGCGCC
GCTCCAGAAGTGGAACGTCAGCAGGACCGTGAGCCGTCCCTGACCTCGTCGAAGAACTC
CGGGGTACGCGTGATCACCCCTCCCCCGTAGCCGGGGGCGAAGGCGGCGCCGAACCTCCTT
GTAGGACGTCCAGTCGTGCGGCCCGGCGTTGCCACCGTCCGCGTAGACCGCTTCCATGGT
CGCCAGCCGGTCCCCGCGGAACTCGGTGGGGATGTCCGTGCCCAAGGTGGTCCCGGTGGT
GTCCGAGAGCACCGGGGGCTCGTACCGGATGATGTGCAGATCCAAGAATT

```

FIGURA 32

(Sec. con núm. de ident. 37):

MRLTRSLSAASVIVFALLLLALLGISPAQAAGPAYVALGDSYSSGNGAGSYIDSSGDCHRSN
 NAYPARWAAANAPSSFTFAACSGAVTTDVINNQLGALNASTGLVSITIGGNDAGFADAMTT
 CVTSSDSTCLNRLATATNYINTTLLARLDAVYSQIKARAPNARVVVLGYPRMYLASNPWYC
 LGLSNTKRAAINTTADTLNSVISSRATAHGFRFGDVRPTFNNHELFFGNDWLHSLTLPWE
 SYHPTSTGHQSGYLPVLNANSST

FIGURA 33

Sec. con núm. de ident. 38

1 mlphpagerg evgaaffallv gtpqdrirlrl echetrplrg rcgcgerrvp pltlpgdgvl
 61 cttssstrdae tvwrkhlqpr pdggfrphlg vgcllagqgs pgvlwcgreg crfevcrrdt
 121 pglstrtrngd ssppfragws lppkcgeisq sarktpavpr ysllrtdrpd gprgrfvgsg
 181 praatrerrlf lgipalvlvt altlvlavpt gretlwrwc eatqdwclgv pvdsrgqpae
 241 dgefilllspv qaatwgnyya lgdsyssgdg ardyypgtav kggcwrsana ypelvaeayd
 301 faghlsflac sgqrgyamld aidevgsqld wnsphtslvt igiggnldgf stvlktcmvr
 361 vplldskact dqedairkrm akfettfeel isevrtrapd arilvvgyp ifpeeptgay
 421 ytltasnqrw lnetiqefnq qlaeavavhd eeiaasggvg svefvdvyha ldgheigsde
 481 pwvngvqlrd latgvtvdrs tfhpnaaghr avgervieqi etgpgprplya tfavvagatv
 541 dtlagevg

FIGURA 34

(Sec. con núm. de ident. 39)

```

1 ggtggtgaac cagaacaccc ggtcgtcggc gtgggcgtcc aggtgcaggt gcaggttctt
61 caactgctcc agcaggatgc cgcctggtgc gtgcacgatg gccttgggca ggctgtggtt
121 ccccgacgag tacagcacc atagcggatg gtcgaacggc agcggggtga actccagttc
181 cgcgccttcg cccgcggctt cgaactccgc ccaggacagg gtgtcggcga cagggcgcga
241 gcccaggtac ggcaggacga cgggtgtgctg caggctgggc atgccgtcgc gcagggtttt
301 gaggcacgtca cggcgggtcga agtccttacc gccgtagcgg tagccgtcca cggccagcag
361 cactttcggg tcgatctgcg cgaaccggtc gaggacgtcg cgcaccccca agtcggggga
421 acaggacgac caggtcgcac cgatcgcggc gcaggcgagg aatgcggccg tcgcctcggc
481 gatgttcggc aggtaggcca cgaccgggtc gccggggccc accccgaggc tcgggagggc
541 cgcagcgatc ggcggggtgc ggggtccgag ttctccccag gtccactcgg tcaacggccg
601 gaggttcggc gcgtgccgga tcgccacggc tgatgggtca cggtcgcgga agatgtgctc
661 ggcgtagttg aggtggtcgc cggggaacca gacggcgccg ggcgtggcgt cggagggcag
721 cactgtggtg tacggggtgg cggcgcgcac ccggtagtac tcccagatcg cggaccagaa
781 tccttcgagg tcggttaccg accagcgcca cagtgcctcg tagtcgggtg cgtccacacc
841 gcggtgctcc cgcacccagc ggggtgaacgc ggtgaggttg gcgcgttctt tgcgtcctc
901 gtcgggactc cacaggatcg gcggctcggc cttgagtgct atgaacgcg accccttcgt
961 ggacgggtcg gatgcgggtg gcgtcgggtg cctcccccta cgctcccccg tgacggagtg
1021 ttgtgcacca catctagcac gcgggacgcg gaaaccgtat ggagaaaaca cctacaaccc
1081 cggccggacg gtgggtttcg gccacactta ggggtcgggt gcctgcttgc cgggcagggc
1141 agtcccgggg tgctgtggtg cgggcgggag ggctgtcgtc tcgaggtgtg cgggcgggac
1201 actccggggc tcagccgtac ccgcaacggg gacagttctc ctcccttcg ggctggatgg
1261 tcccttcccc cgaatgcgg cgagatctcc cagtcagccc ggaaaacacc cgctgtgccc
1321 aggtactctt tgcttcgaac agacaggccg gacgggtcac gggggaggtt tgtgggcagc
1381 ggaccacgtg cggcgaccag acgacggttg ttctcgtgta tcccgcctc tgtacttgtg
1441 acagcgctca cgctggtctt ggctgtcccg acggggcgcg agacgctgtg gcgcatgtgg
1501 tgtgaggcca cccaggactg gtgcctgggg gtgcgggtcg actccgcgg acagcctgcg
1561 gaggacggcg agtttctgct gctttctccg gtccaggcag cgacctgggg gaactattac
1621 gcgctcgggg attcgtactc ttccggggac gggggcccg actactatcc cggcacgcgc
1681 gtgaaggcg gttgctggcg gtccgctaac gcctatccgg agctgggtcg cgaagcctac
1741 gacttcgccc gacacttgct gttcctggcc tgcagcggcc agcgcggcta cgccatgctt
1801 gacgctatcg acgaggtcgg ctgcagctg gactggaact cccctcacac gtcgtgtgtg
1861 acgatcggga tcggcggcaa cgatctgggg ttctccacgg ttttgaagac ctgcatgtgtg
1921 cgggtgccgc tgctggacag caagcggtgc acggaccagg aggacgctat ccgcaagcgg
1981 atggcgaaat tcgagacgac gtttgaagag ctcatcagcg aagtgcgcac ccgcgcgcg
2041 gacgcccgga tccttgctgt gggctacccc cggatttttc cggaggaacc gaccggcgcc
2101 tactacacgc tgaccgcgag caaccagcgg tggctcaacg aaaccattca ggagttcaac
2161 cagcagctcg ccgaggctgt cgcggtccac gacgaggaga ttgccgcgtc gggcgggggtg
2221 ggcagcgtgg agttcgtgga cgtctaccac gcgttgagc gccacgagat cggctcggac
2281 gagccgtggg tgaacggggt gcagttgcgg gacctcgcca ccgggggtgac tgtggaccgc
2341 agtaccttcc accccaacgc cgctgggcac cgggcgggtcg gtgagcgggt catcgagcag
2401 atcgaaaccg gcccgggcgg tcgcgtctat gccactttcg cgggtgtggc gggggcgacc
2461 gtggacactc tcgcgggcga ggtgggggtga cccggcttac cgtccggccc gcaggtctgc
2521 gagcactcg gcgatctggt ccactgccc gtgcagttcg tcttcgggtg tgaccagcgg
2581 cggggagagc cggatcgttg agccgtgcgt gtctttgacg agcacacccc gctgcaggag
2641 ccgttcgcac agttctcttc cgggtggccag agtcgggtcg acgtcgatcc cagcccacag
2701 gccgatgctg cgggcgcgca ccacgcggtt gccgaccagt tggtcgaggc gggcgcgag
2761 cacggggcg agggcgcgga catggtccag gtaaggccg tcgcgagcga ggctcaccac
2821 ggcagtgccg accgcgcagg cgaggcggtt gccgccgaag gtgctgccgt gctggccggg
2881 gcggtacag tcgaagactt ccgcgtcgcc taccgcggcc gccacgggca ggtgcccgc
2941 gccacgcgct ttgccgaaca ggtagatata ggcgtcgact ccgctgtggt cgcaggcccc

```

FIGURA 35

(Sec. con núm. de ident. 40)

```

1  vsgsptraatr rrlflgipal vltaltlvtl avptgretlw rmwceatqdw clgvvpdsrg
61  qpaedgefll lspvqaatwg nyyalgdsys sgdgardyyp gtavkggcwr sanaypelva
121 eaydfaghls flacsgqrgy amlaidevg sqldwnspht slvtigiggn dlghfstvlt
181 cmvrvpllds kactdqedai rkrmakfett feelisevrt rapdarilvv gyprifpeep
241 tgayytltas nqrwlnetiq efnqqlaeav avhdeeiaas ggvgsvfvd vyhaldghei
301 gsdepwngv qlrdlatgvt vdrstfhpna aghravgerv ieqietgpgr plyatfavva
361 gatvdtlage vg

```

FIGURA 36

(Sec. con núm. de ident. 41)

```

1  mrttviaasa llllagcadg areetagapp gessggiree gaeastsitd vyialgdsya
61  amggrdqplr gepfclrsg nypellhaev tdltcqgavt gdlleprtlg ertlpaqvda
121 ltedttlvtl siggndlgfg evagcireri agenaddcvd llgetigeql dqlppqldrv
181 heairdragd aqvvtgylp lvsagdcpel gdvseadrrw aveltgqine tvreaaerhd
241 alfvlpddad ehtscappq rwadiqqqt dayplhptsa gheamaaavr dalglepvpq

```

FIGURA 37

(Sec. con núm. de ident. 42)

```

1  ttctgggggtg ttatgggggtt gttatcggtt cgctctgggt ggatcccgcc aggtggggta
61  ttcacggggg acttttgtgt ccaacagccg agaatgagtg ccctgagcgg tgggaatgag
121 gtgggcgggg ctgtgtcgcc atgagggggc ggcgggctct gtggtgcccc gcgacccccg
181 gcccgggtga gcggtgaatg aaatccggct gtaatcagca tcccgtgccc acccgcgcgg
241 ggaggtcagc gcccgagtg tctacgcagt cggatcctct cggactcggc catgctgtcg
301 gcagcatcgc gctcccgggt cttggcgctc ctcggtgtgt ctgcctgctg tccctggaag
361 gcgaatgat caccggggag tgatacaccg gtggtctcat cccggatgcc cacttcggcg
421 ccatcgggca attcgggcag ctccgggtgg aagtaggtgg catccgatgc gtcggtgacg
481 ccatagtggg cgaagatctc atcctgctcg aggtgctca ggccactctc cggatcgata
541 tcggggcggt ccttgatggc gtccttgcgt aaaccgaggt gcagcttggt ggcttccaat
601 ttgcgaccac ggagcgggac gaggtcggaa tgacggccga agagcccggt gtggacctca
661 acgaaggtgg gtagtcccgt gtcattcatt aggaacacgc cctccaccgc acccagcttg
721 tggccggagt tgtcgtaggc gctggcatcc agaagggaaa cgaatcctata tttgtcgggtg
781 tgctcagaca tgatcttcct ttgctgtcgg tgtctggtac taccacggta gggctgaatg
841 caactgttat ttttctgtta ttttaggaat tggccatat cccacaggct ggctgtggtc
901 aaatcgctcat caagtaatcc ctgtcacaca aaatgggtgg tgggagccct ggtcgcgggt
961 ccgtgggagg cgccgtgccc cgcaggatcg tcggcatcgg cggatctggc cggtaacccc
1021 cggggaataa aatcattctg taaccttcac caggttgggt ttaggtatc cgcccccttc
1081 gtctgaccc cgctcccggc gcgcgggagc ccgcggttg cggtagacag gggagacgtg
1141 gacaccatga ggacaacggt catcgacgca agcgcattac tccttctcgc cggatgcgcg
1201 gatggggccc gggagggagc cgccgggtga ccgcccgggt agtccctcgc gggcatcccg
1261 gagggggggg cggaggcgct gacaagcatc accgacgtct acatcgccct cggggattcc
1321 tatcgggcga tgggcgggag ggatcagccg ttacgggggt agccgttctg cctgcgctcg
1381 tccggttaatt acccggaact cctccacgca gaggtcaccg atctcacctg ccagggggcg
1441 gtgaccgggg atctgctcga acccaggacg ctggggggag gcacgtgcc ggcgagggtg
1501 gatcgctga cggaggacac caccctggtc accctctcca tcgggggcaa tgacctcgga
1561 ttccggggagg tggcgggatg catccgggaa cggatcgccg gggagaacgc tgatgattgc
1621 gtggacctgc tgggggaaac catcggggag cagctcgatc agcttcccc gcagctggac
1681 cgctgcacg aggtatccg ggaccgcgcc ggggacgcgc aggttgtggt caccggttac
1741 ctgccgctcg tgtctgcgg ggactgcccc gaactggggg atgtctccga ggccgatcgt
1801 cgttggggcg ttgagctgac cgggcagatc aacgagaccg tgcgcgaggc ggccgaacga
1861 cacgatgccc tctttgtcct gcccagcat gccgatgagc acaccagttg tgcaccccca
1921 cagcagcgct gggcgatat ccagggccaa cagaccgatg cctatccgct gcacccgacc
1981 tccgccggcc atgaggcgat ggccgccgcc gtccgggagc cgctgggcct ggaaccggtc
2041 cagccgtagc gccgggcgcg cgcttctcga cgaccaaccc atgccaggct gcagtcacat
2101 ccgcacatag cgcgcgcggg cgatggagta cgcaccatag aggatgagcc cgatgccgac
2161 gatgatgagc agcacactgc cgaagggttg ttccccgagg gtgcgcagag ccgagtcagc
2221 acctgcggcc tgctccgat catgggcca accggcgatg acgatcaaca cccccaggat
2281 cccgaaggcg ataccacggg cgacataacc ggctgttccg gtgatgatga tcgcggtccc
2341 gacctgccct gacccgcac ccgctccag atcctcccg aaatccggg tggccccctt
2401 ccagagggtg tagacaccg ccccagtac caccagccc gcgaccacaa ccagaccac
2461 accccagggt tgggatagga cgggtggcgt gacatcggtg gcggtctccc catcgagggt
2521 gctgcgccc cgggcgaagg tggaggtggt caccgccagg gagaagtaga ccatggccat
2581 gaccgcccc ttggccctt ccttgaggtc ctgcgccgc agcagctggc tcaattgcca
2641 ggtcccagc gccgcaggg cgatgacggc aaccacagc aggaactgcc caccggagc
2701 ctcccgatg gtggccagg cacctgaatt cgaggcctca tcaccgaac cgccgatcc
2761 agtggcgatg cgcaccgca tccaccgat gaggatgtgc agtatccca ggacaatgaa
2821 accactctg gccagggtg tcagcgcggt gtggtcctcg gcctggctcg cagccgcttc
2881 gatcgctcgt ttgcgcgatc tgggtgtccc cttatccata gctccattg aaccgcttg
2941 aggggtgggc ggccactgtc agggcggtt gtgatctgaa ctgtgatgtt ccatcaacc

```

FIGURA 38

(Sec. con núm. de ident. 43)

```

1 mrrfrlvglf sslvlaagaa ltgaataqaa qpaaadgyva lgdsyssgv agsyisssgd
61 ckrstkahpy lwaahspst fdftacsgar tgdvlsqqlg plssgtglvs isiggnadagf
121 adtmmtcvlq sessclsria taeayvdsl pgkldgvysa isdkapnahv vvigyprfyk
181 lgttciglse tkrtainkas dhlntvlaqr aaahgftfgd vrttftghel csgspwlhsv
241 nwl nigesyh ptaagqsggy lpvlnгаа

```

FIGURA 39

(Sec. con núm. de ident. 44)

```

1 cccggcgcc cgtgcaggag cagcagccgg cccgcgatgt cctcgggcgt cgtcttcac
61 aggcgcgtcca tcgcgtcggc gaccggcgcc gtgtagttgg cccggacctc gtcccagggtg
121 cccgcggcga tctggcgggt ggtgcggtgc gggccgcgcc gaggggagac gtaccagaag
181 cccatcgta cgttctccgg ctgcggttcg ggtcgtccg cgcctccgtc cgtcgcctcg
241 ccgagcacct tctcggcgag gtcggcgctg gtcgccgtca ccgtgacgtc ggcgccccgg
301 ctccagcgcg agatcagcag cgtccagccg tcgcccctcc ccagcgtcgc gctcgggtcg
361 tcgtcgcggg cgatccgcag cacgcgcgcg cccggcgcca gcagcgtggc gccggaccgt
421 acgcggtcga tttcgcgcg gtgcgagtag ggctgctcac ccgtggcgaa acggccgagg
481 aacagcgcg cgacgacgtc ggacggggag tcgctgtcgt ccacgttgag ccggatcggc
541 agggcttcgt gcgggttcac ggacatgtcg ccatgatcgg gcacccggcc gccgcgtgca
601 cccgctttcc cgggcacgca cgacaggggc tttctcgcg tcttcgtcc gaactgaac
661 gagtgtcagc catttcttgg catggacact tccagtcaac gcgcgtagct gctaccacgg
721 ttgtggcagc aatcctgcta agggaggttc catgagacgt ttccgacttg tcggcttcct
781 gagttcgtc gtcctcgcg cccgcgcgcg cctcaccggg gcagcgaccg cccaggcgcc
841 ccaacccgcc gccgcgcag gctatgtggc cctcggcgac tcctactcct cccgggtcgg
901 agcgggcagc tacatcagct cgagcgcgca ctgcaagcgc agcacgaag cccatcccta
961 cctgtggggc gccgcccact cgccctccac gttcgacttc accgcctgtt cccgcgcgcg
1021 tacgggtgat gttctctccg gacagctcgg cccgctcagc tcgggcaccg gcctcgtctc
1081 gatcagcatc ggcggaacg acgcgggttt cgcgacacc atgacgacct gtgtgctcca
1141 gtccgagagc tcctgcctgt cgcggatcgc caccgcccag gcgtacgtcg actcgacgtc
1201 gcccggcaag ctgcagcgcg tctactcggc aatcagcgac aaggcgccga acgcccacgt
1261 cgctcgtcatc ggctacccgc gcttctacaa gctcggcacc acctgcatcg gcctgtccga
1321 gaccaagcgg acggcgatca acaaggcctc cgaccacctc aacaccgtcc tcgcccagcg
1381 cgcggccgcc cacggcttca ccttcggcga cgtacgcacc accttcaccg gccacgagct
1441 gtgctccggc agcccctggc tgcacagcgt caactggctg aacatcggcg agtcgtacca
1501 cccacccgcg gccggccaagt ccggtggcta cctgccggtc ctcaacggcg ccgcctgacc
1561 tcaggcgga ggagaagaag aaggagcggg gggagacgag gaggggagg ccccgcccga
1621 cggggtcccc gtcccgtct ccgtctccgt cccggtcccg caagtcaccg agaacgccac
1681 cgcgtcggac gtggcccgc cggactccg cactccacg cgcacggcac tctcgaacgc
1741 gccggtgtcg tcgtgcgtcg tcaccaccac gccgtcctgg cgcgagcgt cgcgcgccga
1801 cgggaaggac agcgtccgcc accccggatc ggagaccgac ccgtccgcgg tcaccacccg
1861 gtagccgacc tccgccccga gccgcccgc cgtgaacgtc gccgtgaacg cgggtgcccg
1921 gtcgtcggc ggcgacagg ccccagta gtgggtgcgc gagcccacca cggtcacctc
1981 caccgactgc gctgcggggc

```

FIGURA 40

(Sec. con núm. de ident. 45)

```

1 mrrsritayv tslllavgca ltgaataqas paaaatgyva lgdsyssvgv agsylsssgd
61 ckrsskaypy lwqaahspss fsfmacsgar tgdvlanqlg tlnsstglvs ltiggndagf
121 sdvmttcvlq sdsaclsrin takayvdstl pgqldsvyta istkapsahv avlgyprfyk
181 lggscлагls etkrsainda adylnsaiak raadhgftfg dvkstftghe icssstwlhs
241 ldllnigqsy hptaagqsgg ylpvmnsva

```

FIGURA 41

Sec. con núm. de ident. 46

```

1 ccaccgccgg gtcggcgggc agtctcctgg cctcgggtcg ggagaggttg gccgtgtagc
61 cgttcagcgc ggccgccgaac gtcttcttca ccgtgccgcc gtactcgttg atcaggccct
121 tgcccttgct cgacgcggcc ttgaagccgg tgcccttctt gagcgtgacg atgtagctgc
181 ccttgatcgc ggtgggggag ccggcgcgga gcaccgtgcc ctccggccgg gtggcctggg
241 cgggcagtgcc ggtgaatccg cccacgaggg cgccgggtcg cacggcggtt atcgccggca
301 tccggtctct cttgctacgc agctgtgcca tacgagggag tctcctctcg ggcagcggcg
361 cgctgggtg gggcgcacgg ctgtgggggg tgcgcgcgtc atcacgcaca cggccctgga
421 gcgtcgtggt ccgccctggg ttgagtaaa cctcggccat ctacgggggt ggctcaaggg
481 agttgagacc ctgtcatgag tctgacatga gcacgcaatc aacggggccg tgagcaccoc
541 gggcgacccc cggaaagtgc cgagaagtct tggcatggac acttctctgc aacacgcgta
601 gctggtacga cggttacggc agagatcctg ctaaaggagg gttccatgag acgttcccga
661 attacggcat acgtgacctc actcctctc gccgtcggct gcgcctcac cggggcagcg
721 acggcgccag cgtccccagc cgccgcggcc acgggctatg tggccctcgg cgactcgtac
781 tcgtccgggt tcggcgccgg cagctacctc agctccagcg gcgactgcaa gcgcagttcg
841 aaggcctatc cgtacctctg gcaggcccg cttcacccct cgtcgttcag tttcatggct
901 tgctcggggc ctcgtagggg tgatgtcctg gccaatcagc tcggcaccct gaactcgtcc
961 accggcctgg tctccctcac catcgagggc aacgacgcgg gcttctccga cgtcatgacg
1021 acctgtgtgc tccagtccga cagcgctgc ctctcccga tcaacacggc gaaggcgtac
1081 gtcgactcca cctgcccgg ccaactcgac agcgtgtaca cggcgatcag cacgaaggcc
1141 ccgtcggccc atgtggccgt gctgggttac ccccgcttct acaaaactgg cggctcctgc
1201 ctccggggcc tctcgagac caagcgggtc gccatcaacg acggcgccga ctatctgaac
1261 agcgccatcg ccaagcgcg cgccgaccac ggcttcacct tcggcgacgt caagagcacc
1321 ttaccgggcc atgagatctg ctccagcagc acctgggtgc acagtctcga cctgctgaac
1381 atcggccagt cctaccacc gaccgcggcc ggccagtcgg gcggtatct gccggcatg
1441 aacagcgtgg cctgagctcc caccggcctga atttttaagg cctgaatttt taaggcgaag
1501 gtgaaccgga agcggaggcc ccgtccgtcg gggctctcgt cgcacaggtc accgagaacg
1561 gcacggagtt ggacgtcgtg cgcaccgggt cgcgcacctc gacggcgatc tcgttcgaga
1621 tcgttcggct cgtgtcgtac gtggtgacga acacctgctt ctgctgggtc tttccggcgc
1681 tcgcccggaa ggacagcgtc ttccagccc gatccgggac ctgcacctc ttggtcacc
1741 agcggtaact cacctcgacc ggcacccggc ccaccgtgaa ggtcgcgggt aacgtggcg
1801 cctggggcgt gggcgccggg caggcaccgg agtagtcggt gtgcacgcgg gtgaccgtca
1861 ccttcacgga ctgggcgggc ggggtcgtcg tacgcggcc gccacgcgg cctcccgag
1921 tggagcccga gctgtggtcg ccccgccgt cggcgttgc gtctcgggg gttttcgaa

```

FIGURA 42

Sec. con núm. de ident. 47

```

1 mgsqpraatr rrlflgipal vlvltaltl vl avptgretlw rmwceatqdw clgvpvdsrg
61 qpaedgefll lspvqaatwg nyyalgdsys sgdgadyyp gtavkggcwr sanaypelva
121 eaydfaghls flacsgqrgy amlaidevg sqldwnspht slvtigiggn dlqfstvlkt
181 cmvrvpllds kactdgedai rkrmakfett feelisevrt rapdarilvv gypriifpeep
241 tgayytltas nqrwlnetiq efnqqqlaeav avhdeeiaas ggvgsvfvd vyhaldghei
301 gsdepwvngv qlrdlatgvt vdrstfhpna aghravgerv ieqietgpgr plyatfavva
361 gatvdtlage vg

```

FIGURA 43

Sec. con núm. de ident. 48

```

1      ctgcagacac ccgccccgcc ttctcccga tcgtcatggt cggcgactcc ctcagcgaca
61      ccggcaagat gtactccaag atgcgcgggt acctgccgtc ctccccgccg tactacgagg
121     gccgcttctc gaacggcccc gtctggctgg agcagctgac gaagcagttc cccggcctga
181     cgatcgccaa cgaggccgag gggggcgcg cgcagtcgc ctacaacaag atctcctgga
241     acccgaagta ccaggtcatt aacaacctc actacgaggt caccagttc ttgcagaagg
301     actcgttcaa gcccgcagac ctgggtcatcc tgtgggtggg cgccaacgac tacctggcct
361     acggttggaa cacggagcag gacgccaagc ggggtgcgca cgccatctcg gacgcggcaa
421     accgcatggt cctgaacggc gcgaagcaga tcctgctggt caacctgccc gacctgggcc
481     agaaccgctc cgcccgtccc cagaaggctc tcgaggccgt ctgcacgtg tccgcctacc
541     acaacaagct gtcctcaac ctgcgccggc agctcgcccc gacgggcatg gtcaagctgt
601     tcgagatcga caagcagttc gcggagatgc tgcgcgaccc ccagaacttc ggcctgagcg
661     acgtggagaa ccogtgctac gacggcgggt acgtgtggaa gccgttcgcc acccggtccc
721     tctcgaccga ccggcagctg tcggccttct cgccccagga gcgcctggcg atcgctggca
781     accgctcctt ggcacaggcg gtagcttcgc cgatggcccg ccgctcggcc tcgcccctca
841     actgcgaggg caagatgttc tgggaccagg tccacccac caccgtggtc cagccgccc
901     tctcgagcgc cgccgccacc ttcacgcaga ccagtacga gttcctcgcc cactagtcta
961     gaggatcc

```

FIGURA 44

1. L131
2. *S. avermitilis*
3. *T. fusca*
4. Consensus

```

1                                     1                                     50
1 (1) -----MRLTRSLSAASVIVFALLLALLGISPAQAAG-----
2 (1) -----MRRSRITAYVTSLLLAVGCALTGAATAQASPA-----
3 (1) VGSGPRAATRRRLFLGIPALVLVTALTVLAVPTGRET LWRMWCEATQDW
4 (1)          MRRSRFLA  ALILLTLA  AL  GAA  ARAAP

1                                     51                                     100
1 (32) -----P-AYVALGDSYSSGNGAGSYID
2 (33) -----AAATGYVALGDSYSSGVGAGSYLS
3 (51) CLGVPVDSRGQPAEDGEFLLLSVPQAATWGNYYALGDSYSSGDGARDYYP
4 (51)          A A  YVALGDSYSSG GAGSY

1                                     101                                     150
1 (53) SSGD---CHRSNNAYPARWAAANAP---SSFTFAACSGAVTTDVIN---
2 (57) SSGD---CKRSSKAYPYLWQAAHSP---SSFSFMACSGARTGDVLA---
3 (101) GTAVKGGCWRSANAYPELVAEAYDFA--GHLSFLACSGQRGYAMLDAIDE
4 (101) SSGD  C RSTKAYPALWAAAAHA  SSFSF  ACGARTYDVLA

1                                     151                                     200
1 (93) --NQLGALNAST--GLVSIGGNDAGFADAMTTCVTS-----SDSTCL
2 (97) --NQLGTLNSST--GLVSIGGNDAGFSDVMTTCVLQ-----SDSACL
3 (149) VGSQLDWNSPHT--SLVTIGGNDLGFSTVLKTCMVR-----VPLLDS
4 (151)  QL  LNS T  LVSITGGNDAGFAD MTTCVL  SDSACL

1                                     201                                     250
1 (133) NRLATATNYINTTLLA-----RLDAVYSQIKARAPNARVVVLGYPRMY
2 (137) SRINTAKAYVDSTLPG-----QLDSVYTAISTKAPSAHVAVLGYPRFY
3 (191) KACTDQEDAIRKMAKF----ETTFEELISEVRTRAPDARILVVGYPRI
4 (201)  RIA AK YI  TLPA          RLDSVYSI TRAP ARVVVLGYPRIY

1                                     251                                     300
1 (176) LASNPWYCLGLSNTKRAAINTTADTLNSVISSRATAH-----GF
2 (180) KLGG-SCLAGLSETKRSAINDAADYLN SAIKRAADH-----GF
3 (237) PEEPTGAYYTLTASNQRWLNETIQEFNQQLAEAVAVHDEEIAASGGVGVS
4 (251)  SG      LGLS TKRAAINDAAD LNSVIKRAADH          GF

1                                     301                                     350
1 (215) RFGDVRPTFNNHELFFGNDWLHSLTLP-----VWESYH
2 (218) TFGDVKSTFTGHEICSSSTWLHSLDLLN-----IGQSYH
3 (287) EFVDVYHALDGHEIGSDEPWVNGVQLRDLATG-----VTVDRSTFH
4 (301) TFGDV  TF GHELCSA PWLHSLTLP          V SYH

1                                     351                                     395
1 (248) PTSTGHQSGYLPVLNANSST-----
2 (252) PTAAGQSGGYLPVMNSVA-----
3 (328) PNAAGHRAVGERVIEQIETGPGRPLYATFAVVAGATVDTLAGEVG
4 (351) PTA  GHAAGYLPVLNSI T

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FIGURA 45

Sec. con núm. de ident. 17

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MRYFAIAFLL INTISAFVLA PKKPSQDDFY TPPQGYEAQP LGSILKTRNV PNPLTNVFTP VKVQNAWQLL
VRSEDTFGNP NAIVTTIQIP FNAKKDKLVS YQTFEDSGKL DCAPSYAIQY GSDISTLTQ GEMYISALL
DQGYVVTPD YEGPKSTFTV GLQSGRATLN SLRATLKSGN LTGVSSDAET LLWGYSGGSL ASGWAAAIQK
EYAPELSKNL LGAALGGFVT NITATAEAVD SGPFAGIISN ALAGIGNEYF DFKNYLLKKV SPLLSITYRL
GNTHCLLDGG IAYFGKSFFS
RIIRYFPDGW DLVNQEPIKT ILQDNGLVYQ PKDLTPQIPL FIYHGTLDI VPIVNSRKTF QQWCDWGLKS
GEYNEDLTNG HITESIVGAP AALTWIINRF NGQPPVDGCQ HNVNASNLEY PGTPQSIKNY FEALHAILG
FDLGPDKRD KVTLGGLLKL ERFAP

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FIGURA 46

Sec. con núm. de ident. 18

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MRYFAIAFLL INTISAFVLA PKKPSQDDFY TPPQGYEAQP LGSILKTRNV PNPLTNVFTP VKVQNAWQLL
VRSEDTFGNP NAIVTTIQIP FNAKKDKLVS YQTFEDSGKL DCAPSYAIQY GSDISTLTQ GEMYISALL
DQGYVVTPD YEGPKSTFTV GLQSGRATLN SLRATLKSGN LTGVSSDAET LLWGYSGGSL ASGWAAAIQK
EYAPELSKNL LGAALGGFVT NITATAEAVD SGPFAGIISN ALAGIGNEYF DFKNYLLKKV SPLLSITYRL
GNTHCLLDGG IAYFGKSFFS RIIRYFPDGW DLVNQEPIKT ILQDNGLVYQ PKDLTPQIPL FIYHGTLDI
VPIVNSRKTF QQWCDWGLKS GEYNEDLTNG HITESIVGAP AALTWIINRF NGQPPVDGCQ HNVNASNLEY
PGTPQSIKNY FEALHAILG FDLGPDKRD KVTLGGLLKL ERFAPHHHH H

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FIGURA 47

-35

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1  GCTTTTCTTT TGGAAGAAAA TATAGGGAAA ATGGTACTTG TTAAAAATTC GGAATATTTA
   CGAAAAGAAA ACCTTCTTTT ATATCCCTTT TACCATGAAC AATTTTAAAG CCTTATAAAT
   -10
61  TACAATATCA TATGTTTCAC ATTGAAAGGG GAGGAGAATC ATGAAACAAC AAAAACGGCT
   ATGTTATAGT ATACAAAGTG TAACTTTCCC CTCCTCTTAG TACTTTGTTG TTTTGGCCGA
   · Y A R L L T L L F A L I F L L P H S A A ·
121 TTACGCCCCG TTGCTGACGC TGTTATTTGC GCTCATCTTC TTGCTGCCTC ATTCTGCAGC
   AATGCGGGCT AACGACTGCG ACAATAAACG CGAGTAGAAG AACGACGGAG TAAGACGTCG
   · S A A D T R P A F S R I V M F G D S L S ·
181 TTCAGCAGCA GATACAAGAC CGGCGTTTAG CCGGATCGTC ATGTTTGGAG ATAGCCTGAG
   AAGTCGTCGT CTATGTTCTG GCCGCAAATC GGCCTAGCAG TACAAACCTC TATCGGACTC
   · D T G K M Y S K M R G Y L P S S P P Y Y ·
241 CGATACGGGC AAAATGTATA GCAAATGAG AGGCTATCTT CCGTCAAGCC CGCCGTATTA
   GCTATGCCCG TTTTACATAT CGTTTACTC TCCGATAGAA GGCAGTTCGG CGGCATAAAT
   · E G R F S N G P V W L E Q L T K Q F P G ·
301 TGAAGGCCGC TTTAGCAATG GACCGGTCGT GCTGGAACAA CTGACGAAAC AATTTCCGGG
   ACTTCCGGCG AAATCGTTAC CTGGCCAGAC CGACCTTGTG GACTGCTTTG TTAAGGCCCC
   · L T I A N E A E G G A T A V A Y N K I S ·
361 ACTGACGATC GCTAATGAAG CAGAAGGAGG AGCAACAGCG GTCGCTATA ACAAATCAG
   TGACTGCTAG CGATTACTTC GTCTTCCTCC TCGTTGTCGC CAGCGGATAT TGTTTTAGTC
   · W D P K Y Q V I N N L D Y E V T Q F L Q ·
421 CTGGGACCCG AAATATCAGG TCATCAACAA CCTGGACTAT GAAGTCACAC AGTTTCTTCA
   GACCCGCGGC TTTATAGTCC AGTAGTTGTT GGACCTGATA CTTCAAGTGT TCAAAGAAGT
   · K D S F K P D D L V I L W V G A N D Y L ·
481 GAAAGACAGC TTTAAACCGG ATGATCTGGT CATCCTTTGG GTCGCGCCA ATGATTATCT
   CTTTCTGTGC AAATTTGGCC TACTAGACCA GTAGGAAACC CAGCCGCGGT TACTAATAGA
   · A Y G W N T E Q D A K R V R D A I S D A ·
541 GCGTATGGC TGGAACACAG AACAGATGC CAAAAGAGTC AGAGATGCCA TCAGCGATGC
   CCGCATACCG ACCTTGTGTC TTGTCTACG GTTTTCTCAG TCTCTACGGT AGTCGCTACG
   · A N R M V L N G A K Q I L L F N L P D L ·
601 CGCTAATAGA ATGGTCCTGA ACGGCGCCAA ACAATCCTG CTGTTTAACC TGCCGGATCT
   GCGATTATCT TACCAGGACT TGCCGCGGTT TGTTTAGGAC GACAAATTGG ACGGCTAGA
   · G Q N P S A R S Q K V V E A V S H V S A ·
661 GGGACAAAAT CCGAGCGCCA GAAGCCAAAA AGTCGTCGAA GCAGTCAGCC ATGTCAGCGC
   CCCTGTTTTA GGCTCGCGGT CTTGCGTTTT TCAGCAGCTT CGTCAGTCGG TACAGTCGCG
   · Y H N K L L L N L A R Q L A P T G M V K ·
721 CTATCATAAC AAAGTGTGTC TGAACCTGGC AAGACAATTG GCACCGACGG GAATGGTTAA
   GATAGTATTG TTTGACGACG ACTTGGACCG TTCTGTTAAC CGTGGCTGCC CTTACCAATT
   · L F E I D K Q F A E M L R D P Q N F G L ·
781 ATTGTTTGAA ATTGACAAAC AGTTTGCCGA AATGCTGAGA GATCCGCAA ATTTTGGCCT
   TAACAAACTT TAACTGTTTG TCAAACGGCT TTACGACTCT CTAGGCGTTT TAAAACCGGA
   · S D V E N P C Y D G G Y V W K P F A T R ·
841 GAGCGATGTC GAAAACCCGT GCTATGATGG CGGATATGTC TGGAAACCGT TTGCCACAAG
   CTCGCTACAG CTTTTGGGCA CGATACTACC GCCTATACAG ACCTTTGGCA AACGGTGTTC
   · S V S T D R Q L S A F S P Q E R L A I A ·
901 AAGCGTCAGC ACGGATAGAC AACTGTCAGC GTTTAGCCCC CAAGAAAGAC TGGCAATCGC
   TTCGCACTCG TGCCATATCTG TTGACAGTCG CAAATCGGGC GTTCTTTCTG ACCGTTAGCG
   · G N P L L A Q A V A S P M A R R S A S P ·
961 CGGAAATCCG CTTTTGGCAC AAGCAGTTGC TTCACCGATG GCAAGAAGAT CAGCAAGCCC
   GCCTTTAGGC GAAAACCGTG TTCGTCAACG AAGTGGCTAC CGTTCTTCTA GTCGTTCCGG
   · L N C E G K M F W D Q V H P T T V V H A ·
1021 GCTGAATTGC GAAGGCAAAA TGTTTGGGA TCAGGTCCAT CCGACAACAG TTGTCCATGC
   CGACTTAACG CTTCCGTTTT ACAAACCCCT AGTCCAGGTA GGCTGTTGTC AACAGGTACG
   · A L S E R A A T F I E T Q Y E F L A H G ·
1081 TGCCCTTTCA GAAAGAGCGG CGACGTTTAT CGAAACACAG TATGAATTTT TGGCCCATGG
   ACGGGAAAAG CTTTCTCGCC GCTGCAAATA GCTTTGTGTC ATACTTAAAG ACCGGGTACC
   ·stop·
1141 CTGAGTTAAC AGAGGACGGA TTTCTGAAG GAAATCCGTT TTTTATTTTT AAGCTTGGAG
   GACTCAATTG TCTCTGCCT AAAGGACTTC CTTTAGGCAA AAAAAATAAA TTCAACCTC
1201 ACAAGGTAAA GGATAAAACC TCGAG
   TGTTCCATTT CCTATTTTGG AGTC

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FIGURA 48 (Sec. con núm. de ident. 49)

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1   ATGAAACAAC AAAAACGGCT TTACGCCCGA TTGCTGACGC TGTATTATTGC
    TACTTTGTTG TTTTGGCCGA AATGCGGGCT AACGACTGCG ACAATAAACG

51  GCTCATCTTC TTGCTGCCTC ATTCTGCAGC TTCAGCAGCA GATACAAGAC
    CGAGTAGAAG AACGACGGAG TAAGACGTCG AAGTCGTCTG CTATGTTCTG

101 CGGCGTTTAG CCGGATCGTC ATGTTTGGAG ATAGCCTGAG CGATACGGGC
    GCCGCAAATC GGCCTAGCAG TACAAACCTC TATCGGACTC GCTATGCCCCG

151 AAAATGTATA GCAAAATGAG AGGCTATCTT CCGTCAAGCC CGCCGTATTA
    TTTTACATAT CGTTTTACTC TCCGATAGAA GGCAGTTCGG GCGGCATAAT

201 TGAAGGCCGC TTTAGCAATG GACCGGTCTG GCTGGAACAA CTGACGAAAC
    ACTTCCGGCG AAATCGTTAC CTGGCCAGAC CGACCTTGTT GACTGTTTTG

251 AATTTCCGGG ACTGACGATC GCTAATGAAG CAGAAGGAGG AGCAACAGCG
    TTAAAGGCCG TGACTGCTAG CGATTACTTC GTCTTCCTCC TCGTTGTCGC

301 GTCGCCTATA ACAAATCAG CTGGGACCCG AAATATCAGG TCATCAACAA
    CAGCGGATAT TGTTTTAGTC GACCCTGGGC TTTATAGTCC AGTAGTTGTT

351 CCTGGACTAT GAAGTCACAC AGTTTCTTCA GAAAGACAGC TTAAACCCGG
    GGACCTGATA CTTCAGTGTG TCAAAGAAGT CTTTCTGTGC AAATTTGGCC

401 ATGATCTGGT CATCCTTTGG GTCGCGCCCA ATGATTATCT GCGGTATGGC
    TACTAGACCA GTAGGAAACC CAGCCGCGGT TACTAATAGA CCGCATACCG

451 TGGAACACAG AACAAGATGC CAAAAGAGTC AGAGATGCCA TCAGCGATGC
    ACCTTGTGTC TTGTTCTACG GTTTTCTCAG TCTCTACGGT AGTCGTACG

501 CGCTAATAGA ATGGTCCTGA ACGGCGCCAA ACAAATCCTG CTGTTTAACC
    GCGATTATCT TACCAGGACT TGCCGCGGTT TGTTTAGGAC GACAAATTGG

551 TGCCGATCTT GGGACAAAAT CCGAGCGCCA GAAGCCAAAA AGTCGTCGAA
    ACGGCCTAGA CCCTGTTTTA GGCTCGCGGT CTTGCGTTTT TCAGCAGCTT

601 GCAGTCAGCC ATGTCAGCGC CTATCATAAC AAAGTGTCTG TGAACCTGGC
    CGTCAGTCGG TACAGTCGCG GATAGTATTG TTTGACGACG ACTTGACCG

651 AAGACAATTG GCACCGACGG GAATGGTTAA ATTGTTTGAA ATTGACAAAC
    TTCTGTTAAC CGTGGCTGCC CTTACCAATT TAACAAACTT TAACTGTTTG

701 AGTTTGCCGA AATGCTGAGA GATCCGCAAA ATTTTGGCCT GAGCGATGTC
    TCAAACGGCT TTACGACTCT CTAGGCGTTT TAAAACCGGA CTCGCTACAG

751 GAAAACCCGT GCTATGATGG CGGATATGTC TGGAAACCGT TTGCCACAAG
    CTTTGGGGCA CGATACTACC GCCTATACAG ACCTTTGGCA AACGGTGTTC

801 AAGCGTCAGC ACGGATAGAC AACTGTCAGC GTTTAGCCCG CAAGAAAGAC
    TTCGAGTCG TGCTATCTG TTGACAGTCG CAAATCGGGC GTTCTTTCTG

851 TGGCAATCGC CGGAAATCCG CTTTGGCAC AAGCAGTTGC TTCACCGATG
    ACCGTTAGCG GCCTTAGGC GAAAACCGTG TTCGTCAACG AAGTGGCTAC

901 GCAAGAAGAT CAGCAAGCCC GCTGAATTGC GAAGGCAAAA TGTTTGGGA
    CGTCTTCTA GTCGTTCCGG CACTTAACG CTTCCGTTTT ACAAACCCCT

951 TCAGGTCCAT CCGACAACAG TTGTCCATGC TGCCCTTTCA GAAAGAGCGG
    AGTCCAGGTA GGCTGTTGTC AACAGGTACG ACGGAAAGT CTTTCTCGCC

1001 CGACGTTTAT CGAAACACAG TATGAATTC TGGCCCATGG CTGA
    GCTGCAATA GCTTTGTGTC ATACTTAAAG ACCGGGTACC GACT

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FIGURA 49 (Sec. con núm. de ident. 50)

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1  ATGAAAAAAT GGTGTGTGTG TTTATTGGGA TTGGTCGCGC TGACAGTTCA GGCAGCCGAC
61  AGCCGTCCCG CCTTCTCCCG GATCGTGATG TTTGGCGACA GCCTCTCCGA TACCGGCAAG
121 ATGTACAGCA AGATGCGCGG TTACCTCCCC TCCAGCCCCC CCTACTATGA GGGCGCTTC
181 TCCAACGGGC CCGTCTGGCT GGAGCAGCTG ACCAACGAGT TCCCGGGCCT GACCATAGCC
241 AAGGAGGCGG AAGGCGGACC GACCGCCGTG GCTTACAACA AGATCTCCTG GAATCCCAAG
301 TATCAGGTCA TCAACAACCT GGACTACGAG GTCACCCAGT TCCTGCAAAA AGACAGCTTC
361 AAGCCGGACG ATCTGGTGAT CCTCTGGGTC GCGGCCAACG ACTATCTGGC CTATGGCTGG
421 AACACAGAGC AGGATGCCAA GCGGGTGCGC GACGCCATCA GCGATGCGGC CAACCGCATG
481 GTGCTGAACG GCGCCAAGGA GATACTGCTG TTCAACCTGC CGGATCTGGG CCAGAACCCC
541 TCGGCCCGCA GCCAGAAGGT GGTGAGGCGG GCCAGCCATG TCTCCGCCTA CCACAACCAG
601 CTGCTGCTGA ACCTGGCAGC CCAGCTGGCT CCCACCGGCA TGGTGAAGCT GTTCGAGATC
661 GACAAGCAGT TTGCCGAGAT GCTGCGTGAT CCGCAGAACT TCGGCCTGAG CGACCAGAGG
721 AACGCCGTGCT ACGGTGGCAG CTATGTATGG AAGCCGTTTG CCTCCCGCAG CGCCAGCACC
781 GACAGCCAGC TCTCCGCCTT CAACCCGCAG GAGCGCCTCG CCATCGCCGG CAACCCGCTG
841 CTGGCCAGG CCGTCGCCAG CCCCATGGCT GCCCGCAGCG CCAGCACCCCT CAACTGTGAG
901 GGCAAGATGT TCTGGGATCA GGTCCACCCC ACCACTGTCTG TGCACGCCGC CCTGAGCGAG
961 CCCGCCGCA CCTTCATCGA GAGCCAGTAC GAGTTCCTCG CCCAC

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FIGURA 50 (Sec. con núm. de ident. 51)

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1  ATGAAAAAAT GGTGTGTGTG TTTATTGGGA TTGATCGCGC TGACAGTTCA GGCAGCCGAC
61  ACTCGCCCCG CCTTCTCCCG GATCGTGATG TTCGGCGACA GCCTCTCCGA TACCGGCAAA
121 ATGTACAGCA AGATGCGCGG TTACCTCCCC TCCAGCCCCG CCTACTATGA GGGCGCTTTC
181 TCCAACGGAC CCGTCTGGCT GGAGCAGCTG ACCAAGCAGT TCCCGGGTCT GACCATCGCC
241 AACGAAGCGG AAGGCGGTGC CACTGCCGTG GCTTACAACA AGATCTCCTG GAATCCCAAG
301 TATCAGGTCT ACAACAACCT GGACTACGAG GTCACCCAGT TCTTGCAAAA AGACAGCTTC
361 AAGCCGGACG ATCTGGTGAT CCTCTGGGTC GGTGCCAATG ACTATCTGGC ATATGGCTGG
421 AATACGGAGC AGGATGCCAA GCGAGTTTCG GATGCCATCA GCGATGCGGC CAACCGCATG
481 GTACTGAACG GTGCCAAGCA GATACTGCTG TTCAACCTGC CGGATCTGGG CCAGAACCCG
541 TCAGCCCGCA GTCAGAAGGT GGTGAGGCGG GTCAGCCATG TCTCCGCCTA TCACAACAAG
601 CTGCTGCTGA ACCTGGCAGC CCAGCTGGCT CCCACCGGCA TGGTAAAGCT GTTCGAGATC
661 GACAAGCAAT TTGCCGAGAT GCTGCGTGAT CCGCAGAACT TCGGCCTGAG CGACGTCGAG
721 AACCCCTGCT ACGACGGCGG CTATGTGTGG AAGCCGTTTG CCACCCGCGC CGTCAGCACC
781 GACCGCCAGC TCTCCGCCTT CAGTCCGCAG GAACGCCTCG CCATCGCCGG CAACCCGCTG
841 CTGGCACAGG CCGTTGCCAG TCCTATGGCC CGCCGAGCGC CCAGCCCCCT CAACTGTGAG
901 GGCAAGATGT TCTGGGATCA GGTACACCCG ACCACTGTCTG TGCACGCAGC CCTGAGCGAG
961 CGCGCCGCA CCTTCATCGA GACCCAGTAC GAGTTCCTCG CCCACGGATG A

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FIGURA 51 (Sec. con núm. de ident. 52)

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1  ATGCCGAAGC CTGCCCTTCG CCGTGTCATG ACCGCGACAG TCGCCGCCGT CGGCACGCTC
61  GCCCTCGGCC TCACCGACGC CACCGCCAC GCGCGCCCCG CCCAGGCCAC TCCGACCCCTG
121 GACTACGTCG CCCTCGGCCA CAGCTACAGC GCGGCTCCG GCGTCTGCCC CGTCGACCCC
181 GCCAACCCTG TCTGTCTGCG CTCGACGGCC AACTACCCCC ACGTCATCGC GGACACGACG
241 GCGGCCCGCC TCACGGACGT CACCTGCGGC GCGCGCAGAG CCGCCGACTT CACGCGGGCC
301 CAGTACCCGG GCGTCGCACC CCAGTTGGAC GCGCTCGGCA CCGGCACGGA CCTGGTCACG
361 CTCACCATCG GCGGCAACGA CAACAGCACC TTCATCAACG CCATCACGGC CTGCGGCACG
421 GCGGGTGTC TCAGCGGCGG CAAGGCGAGC CCCTGCAAGG ACAGGCACGG CACCTCCTTC
481 GACGACGAGA TCGAGGCCAA CACGTACCCC GCGCTCAAGG AGGCGCTGCT CGGCGTCCGC
541 CCCAGGGGTC CCCACGCCAG GGTGGCGGCT CTCGGCTACC CGTGGATCAC CCCGGCCACC
601 GCCGACCCGT CCTGCTTCCT GAAGCTCCCC CTCGCGCCCG GTGACGTGCC CTACCTGCGG
661 GCCATCCAGG CACACCTCAA CGACGCGGTC CCGCGGGCCG CCGAGGAGAC CGGAGCCACC
721 TACGTGGACT TCTCCGGGGT GTCCGACGGC CACGACGCCT GCGAGGCCCC CGGCACCCCG
781 TGGATCGAAC CGCTGCTCTT CGGGCACAGC CTCGTTCCCG TCCACCCCAA CGCCCTGGGC
841 GAGCGGCGCA TGGCCGAGCA CACGATGGAC GTCCTCGGCC TGGACTGA

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FIGURA 52 (Sec. con núm. de ident. 53)

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1   TCAGTCCAGG CCGAGGACGT CCATCGTGTG CTCGGCCATG CGCCGCTCGC CCAGGGCGTT
61  GGGGTGGACG GGAACGAGGC TGTGCCCCGA GAGCAGCGGT TCGATCCAGC GGGTGCCGGG
121 GGCTCGCAG GCGTCGTGGC CGTCGGACAC CCCGAGAAG TCCACGTAGG TGGCTCCGGT
181 CTCTCGGCG GCGCGCCGGA CCGCGTCGTT GAGGTGTGCC TGGATGGCCC GCAGGTAGGG
241 CACGTACCG GCGGCGAGGG GGAGCTCAG GAAGCAGGAC GGGTCGGCGG TGGCCGGGGT
301 GATCCACGGG TAGCCGAGAG CCGCCACCTT GCGGTGGGGA GCCCTGGCGC GGACGCCGAG
361 CAGCGCCTCC TTGAGCGCGG GGTACGTGTT GGCCTCGATC TCGTCGTGCA AGGAGGTGCC
421 GTGCCTGTCC TTGCAGGGGC TGCCCTTGCC GCCGCTGAGG ACACCCGCCG TGCCGCAGGC
481 CGTGATGGCG TTGATGAAGG TGCTGTTGTC GTTGCCGCGG ATGGTGAGCG TGACCAGGTC
541 CGTGCCGGTG CCGAGCGCGT CCAACTGGGG TCGGACGCCG GGGTACTGGG CCCGCGTGAA
601 GTCGGCGGTC TCGCGGCGCG CGCAGGTGAC GTCCGTGAGG CGGGCGCCCC TCGTGTCCGC
661 GATGACGTGG GGGTAGTTGG CCGTCGAGCG CAGACAGAGC AGGTTGGCGG GGTGACGGG
721 CAGGACGCCG GAGCCGGCGC TGTAGCTGTC GCCGAGGGCG ACGTAGTCCA GGGTCGGAGT
781 GGCTTGGGCG GCGCGGCGCT GGGCGGTGGC GTCGGTGAGG CCGAGGGCGA GCGTGCCGAC
841 GCGGGCGACT GTCGCGGTCA TGACACGGCG AAGGGCAGGC TTCGGCAT

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FIGURA 53 (Sec. con núm. de ident. 54)

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1   ATGATTACG AGAAGTTTCT GTTATTTGGG GATTCCATTA CTGAATTGTC TTTTAATACT
61  AGGCCCATTT AAGATGGCAA AGATCAGTAT GCTCTTGGAG CCGCATTAGT CAACGAATAT
121 ACGAGAAAAA TGGATATTCT TCAAAGAGGG TTCAAAGGGT ACACCTTAGT ATGGCGTTG
181 AAAATACTTC CTGAGATTTT AAAGCATGAA TCCAATATTG TCATGGCCAC AATATTTTGT
241 GGTGCCAACG ATGCATGCTC AGCAGGTCCC CAAAGTGTCC CCTCCCCGA ATTATCGAT
301 AATATTCGTC AAATGGTATC TTTGATGAAG TCTTACCATA TCCGTCTAT TATAATAGGA
361 CCGGGGCTAG TAGATAGAGA GAAAGTGGGA AAAGAAAAAT CTGAAGAAAT AGCTCTCGGA
421 TACTTCCGTA CCAACGAGAA CTTTGCCATT TATTCCGATG CCTTAGCAA ACTAGCCAAT
481 GAGGAAAAAG TTCCCTTCGT GGCTTTGAAT AAGGCGTTTC AACAGGAAGG TGGTGATGCT
541 TGGCAACAAC TGCTAACAGA TGGACTGCAC TTTTCCGAA AAGGGTACAA AATTTTTCAT
601 GACGAATTAT TGAAGGTCAT TGAGACATTC TACCCCAAT ATCATCCCAA AAACATGCAG
661 TACAAACTGA AAGATTGGAG AGATGTGCTA GATGATGGAT CTAACATAAT GTCCTGA

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FIGURA 54 (Sec. con núm. de ident. 55)

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atgaacctgc gtcaatggat gggcgccgcc acggctgccc ttgccttggg cttggccgcg 60
tgcgggggcg gtgggaccga ccagagcggc aatcccaatg tcgccaaggt gcagcgcatg 120
gtggtgttcg ggcagagcct gagcgatgc ggcacctaca ccccgctgc gcaggcggtg 180
ggcgccgcca agttcaccac caaccgggc ccgatctggg ccgagaccgt ggcgcgcaa 240
ctgggcgtga cgctcacgcc ggcggtgatg ggctacgcca cctccgtgca gaattgcccc 300
aaggccggct gcttcgacta tgcgcagggc ggctcgcg tgaccgatcc gaacggcatc 360
ggccacaacg gcgcgcgggg ggcgctgacc taccgggttc agcagcagct cgccaacttc 420
tacgcgcca gcaacaacac attcaacggc aataacgatg tcgtcttcgt gctggcggc 480
agcaacgaca tttctctctg gacctgcg gcggccacca gcggctccg cgtgacgcc 540
gccattgcca cggcccaggt gcagcaggcc gcgacggacc tggtcggcta tgtcaaggac 600
atgatcgcca aggtgcgac gcaggtctac gtgttcaacc tgccgcagag cagcctgacg 660
ccgagcgcg gtgcaagcgg cagcaccggc caggcgctgc tgacgcgct ggtgggcacg 720
ttcaacacga cgctgcaaa cgggctggcc ggcacctcgg cgcgcatcat cgacttcaac 780
gcacaactga ccgcgcgcat ccagaatggc gcctcgttcg gcttcgcaa caccagcgcc 840
cgggcctgcg acgccaccaa gatcaatgcc ctggtgcca gcgcccggcg cagctcgctg 900
ttctgctcgg ccaacacgct ggtggcttcc ggtgcggacc agagctacct gttcgccgac 960
ggcgtgcacc cgaccacgct cggccatcgc ctgatcgcca gcaacgtgct ggcgcgcctg 1020
ctggcggata acgtcgcgca ctga 1044

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FIGURA 55 (Sec. con núm. de ident. 56)

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1  gtgatcgggt cgtacgtggc ggtgggggac agcttcaccg agggcgtcgg cgaccccggc
61  cccgacgggg cgttcgctcg ctggggccgac cggctcgccg tactgctcgc ggaccggcgc
121 cccgagggcg acttcacgta cacgaacctc gccgtgcgcg gcaggctcct cgaccagatc
181 gtggcgggaa aggtcccgcg ggtcgctcga ctcgcgcccg acctcgcttc gttcgcgggc
241 ggcggaacac acatcatccg gcccggcacc gatcccgacg aggtcgccga gcggttcgag
301 ctggcgggtg ccgcgctgac cgcgcgggcc ggaaccgtcc tggtgaccac cgggttcgac
361 acccgggggg tgcccgtcct caagcacctg cgcggcaaga tcgccacgta caacgggcac
421 gtcccgacca tcgccgaccg ctacggctgc ccggtgctcg acctgtggtc gctgcgggagc
481 gtccaggacc gcagggcgtg ggacggcgac cggctgcacc tgctcgccga ggggcacacc
541 cgggtggcgc tgcgcgcggg gcaggccctg ggctgcgcg tcccggccga cctgaccag
601 ccttgccgcg ccttgccgcg gcgcggcacg ctcgacgtcc ggcgcgacga cgtgactgg
661 gcgcgcgagt acctggtgcc gtggatcggg cgcgggctgc ggggcgagtc gtcgggcgac
721 cacgtgacgg ccaaggggac gctgtcgccg gacgccatca agaccggat cgccgcgggt
781 gcctga

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FIGURA 56 (Sec. con núm. de ident. 57)

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1  atgcagacga acccccgcta caccagtctc gtcgccgtcg gcgactcctt caccgagggc
61  atgtcggacc tgctgcccga cggtccttac cgtgggtggg ccgacctcct cgccaccggg
121 atggcgggcc gctcccccg cttccggtac gccaacctgg cggtgcgcgg gaagctgatc
181 ggacagatcg tcgacgagca ggtggacgtg gccgccgcca tgggagccga cgtgatcacg
241 ctggtcgggc ggctcaacga cacgctgcgg cccaagtgcg acatggcccg ggtgcgggac
301 ctgctgaccc aggcctgga acggtcgcgc ccgcaactcg agcagctggt gctgatgcgc
361 agtcccggtc gccagggtcc ggtgctggag cgttccggcg cccgcatgga ggcctgttc
421 gccgtgatcg acgacctggc cggcggcgac ggcccgctgg tcgtcgacct gtacggggcc
481 cagtgcgtgg ccgacctcgc gatgtgggac gtggaccggc tgcacctgac cgccgagggc
541 caccgcccgg tcgcgaggac ggtgtggcag tcgctcgccc acgagcccca ggaccccgag
601 tggcacgcgc cgatcccggc gacgcccgcg ccggggtggg tgacgcgag gaccgcggac
661 gtccgggttc cccggcagca cctgctgccc tggataggcc gcaggctgac cgggcgctcg
721 tccggggacg gcctgcccgc caagcgcccg gacctgctgc cctacgagga ccccgcacgg
781 tga

```

FIGURA 57 (Sec. con núm. de ident. 58)

```

1  atgacccggg gtcgtgacgg ggtgcgggg gcgccccca ccaagcaccg tgccctgctc
61  gcggcgatcg tcacctgat agtggcgatc tccgcggcca tatacgccgg agcgtccgcg
121 gacgacggca gcagggacca cgcgctgcag gccggaggcc gtctcccacg aggagacgcc
181 gcccccgct ccaccggtgc ctgggtgggc gcctgggcca ccgcaccggc cgcggccgag
241 ccgggcaccg agacgaccgg cctggcgggc cgtcccgctg gcaacgtcgt gcacacctcg
301 gtcggcgcca ccggcgcgcg gatcacctc tcgaacctgt acgggcagtc gccgtgacc
361 gtcacacacg cctcgatcgc cctggccgccc gggcccgaca ccgcccgcgc gatcgccgac
421 accatgcgcc ggctcacctt cggcggcgag gcccggtga tcatccggc gggcgccag
481 gtgatgagcg acaccgccc cctcgccatc ccctacgggg cgaacgtcct ggtcaccacg
541 tactccccca tcccgtccgg gcgggtgacc taccatccgc agggccggca gaccagctac
601 ctggccgacg gcgaccgcac ggcggaactc accgcccgtc cgtacaccac cccacgccc
661 tactggcgct acctgaccgc cctcgacgtg ctgagccacg agggcgacgg cagggtcgtg
721 gcgttcggcg actccatcac cgacggcgcc cgtcgcgaga gcgacgcca ccaccgtgg
781 accgacgtcc tcgccgacg cctgcacgag gcggcgggcg accggccggg cagccccgc
841 tacagcgtcg tcaacgagg catcagcgcc aaccggtcc tgaccagcag gccggggcgg
901 ccggccgaca acccgagcgg actgagccgg ttccagcggg acgtgctgga acgaccaaac
961 gtcaaggccg tcgtcgtcgt cctcggcgtc aacgacgtcc tgaacagccc ggaactcgcc
1021 gaccgcgacg ccatcctgac cggcctgcgc accctcgtcg accggcgcca cgcgggggga
1081 ctgcggtcg tcggcgccac gatcacgccg ttcgggcgct acggcggtta caccgagggc
1141 cgcgagacga tgcggcagga ggtcaacgag gagatccgct ccggccgggt cctcgacacg
1201 gtcgtcgact tcgacaaggc cctgcgcgac ccgtacgacc cgcgcgggat gcgctccgac
1261 tacgacagcg gcgaccacct gcaccccgcc gacaaggggt acgcgcgcat gggcgcggtc
1321 atcgacctgg ccgcgctgaa gggcgcgggc ccggtcaagg cgtag

```

FIGURA 58 (Sec. con núm. de ident. 59)

```

1 atgacgagca tgtcagggcg gagggtggcg cggcggatcg cggccggcg cggcgtacggc
61 ggccggcggca tggcctggc gggagcggcg gcggtcggtc tgggtggcg cagagtgacg
121 ctggccagac gcaggggtgg ggtgggcacg ccgacccggg tgccgaacgc gcagggactg
181 tacggcggca ccctccccc ggcggcgac ccgccgctgc ggctgatgat gctggcgac
241 tccacggcgg cggggcagg cgtgcaccgg gccgggcaga cggcggcg cgtgctggcg
301 tccgggctcg cggcgggtgg ggagcggcgg gtgcggctgg ggtcggctgc ccagccgggg
361 gcgtgctcgg acgacctgga ccggcagggt gcgctgggtc tcgcccagcc ggaccgggtg
421 cccgacatct gcgtgatcat ggtcggcgcc aacgacgtca cccaccggat gccggcgacc
481 cgctcgggtc ggcacctgtc ctggcggtta cggcggctgc gcacggccgg tcgggagggtg
541 gtggtcggca cctgtccgga cctgggcacg atcgagcggg tgccggcagcc gctgcgctgg
601 ctggcccgcc gggcctcacg gcagctcggc gcggcacaga ccatcggcgc cgtcgagcag
661 ggccggcgca cgtgtcgtct gggcgacctg ctgggtccgg agttcgcgca gaacccggcg
721 gagctcttcg gccccacaa ctaccacccc tccgcccagg ggtaccgccac ggccgcgatg
781 gcggtactgc cctcgggtgt cgccgcgctc ggctgtggc cggccgacga ggagcaccgg
841 gacgcgctgc gccgcgagg cttcctcgcc gtggcgcgcg cggcggcgga ggccgcgtcc
901 gaggcgggta cggaggtcgc cggcgccatg cctacggggc ctccggggcc cttggcgctg
961 ctgaagcgcc ggagacggcg tcgggtgtcg gaggcggaac cgtccagccc gtcggcgctt
1021 tga

```

FIGURA 59 (Sec. con núm. de ident. 60)

```

1 atgggtcgag ggacggacca gcggacggcg tacggccgtc gccggggcg tgctcgctc
61 gccgccctga ccgccccgt cctgggctgg ggcgtggcg gctgcgactc cgtggcgccg
121 gactacccc ctcttcggc cagcccgtcg aagcggacga ggacggcgcc ccctgggac
181 accagcccg cgtccgtcgc cgccgtggcg gactccatca cggcgggctt cgacgcctgt
241 gcggtgctgt cggactgccc ggaggtgtcg tggcgacgg gcagcagcgc gaaggtcgac
301 tcgctggcgg tacggctgct ggggaaggcg gacggggcg agcacagctg gaactacggc
361 gtcaccgggg ccgggatggc ggacctgacc gctcaggtga cggggcgcc gcagcgcgag
421 ccggagctgg tggcggtgat gccggggcg aacgacgcgt gccggtccac gacctcgccg
481 atgacgcgg tggcggaact ccgggcgcag ttcgaggagg cgatggccac cctgcgcaag
541 aagctcccca aggcgcaggt gtacgtgtcg agcatcccgg acctcaagcg gctcgtgtcc
601 cagggcgcga ccaacccgct gggcaagcag gtgtggaagc tcggcctgtg ccgctcgatg
661 ctgggcgacg cggactccct ggactcggcg gcgaccctgc ggcgcaacac ggtgcgcgac
721 cgggtggcgg actacaacga ggtgctcgcg gaggtctcgc cgaaggaccc gcggtgccgc
781 agcgcgacg gcgcgggtga cgaagtccgg ttcggcacgg accagtttag ccaactgggac
841 tggttccacc cgaagtgtga cggccaggcc cggctggcg agatcgcta ccgcgcggtc
901 accgcgaaga atccctga

```

FIGURA 60 (Sec. con núm. de ident. 61)

```

1 ttcatacaca cgatgtcaca acaccggcca tccgggtcat cctgatcgt gggaatgggt
61 gacaagcctt ccgtgacga aagggtcctg ctacatcaga aatgacagaa atcctgctca
121 gggaggttcc atgagactgt ccgacgcgc gccacggcg tccgcgtccc tcctcaccac
181 ggcgctcgc ctcttcggcg cagcgcgcgc cgtgtccgc ccgcgaatcc agggccacga
241 ctacgtggcc ctccggcact cctactcctc gggggtcggc gccggcagct acgacagcag
301 cagtggctcc tgtaagcgca gcaccaagtc ctaccggcc ctgtggggcg cctcgcacac
361 cggtagcggc ttcaacttca ccgctgttc gggcgccgc acaggagacg tgctggccaa
421 gcagctgacc ccggtcaact ccggcaccga cctggctcagc attaccatcg cgggcaacga
481 cgcgggcttc gccgacacca tgaccactg caacctccag ggcgagagcg cgtgcctggc
541 gcggatcgcc aaggcgcgc cctacatcca gcagacgtg cccgcccagc tggaccaggt
601 ctacgacgcc atcgacagcc gggccccgc agcccaggtc gtgctcctgg gctaccgcg
661 cttctacaag ctgggcggca gctgcgcgt cggctctcgc gagaagtccc gcgcgccat
721 caacgcgcgc gccgacgaca tcaacgcgt caccgccaag cggcgccgc accacggctt
781 cgccttcggg gacgtcaaca cgacctcgc cgggcacgag cgtgtctcgc gcgccccctg
841 gctgcacagc gtcacccttc ccgtggagaa ctctaccac cccacggcca acggacagtc
901 caagggttac ctgcccgtcc tgaactcgc cacctgatct cggcgctact ccgcccctga
961 cgaagtccc ccccgggcg ggccttcgc gtaggtgcgc gtaccggcgt cgcccgtcgc
1021 gccgtggcc ccgcgtagc tgccgcgcgc cccggacggc gtcgggtc

```

FIGURA 61 (Sec. con núm. de ident. 62)

```

1  ATGAAAAAAT GGTTTGTGTG TTTATTGGGA TTGGTCGCGC TGACAGTTCA
   TACTTTTTTA CCAAACACAC AAATAACCCT AACCAGCGCG ACTGTCAAGT

51  GGCAGCCGAC AGTCGCCCGG CCTTTTCCCG GATCGTGATG TTCGGCGACA
   CCGTCGGCTG TCAGCGGGGC GGAAAAGGGC CTAGCACTAC AAGCCGCTGT

101 GCCTCTCCGA TACCGGCAAA ATGTACAGCA AGATGCGCGG TTACCTCCCC
   CGGAGAGGCT ATGGCCGTTT TACATGTCGT TCTACGCGCC AATGGAGGGG

151 TCCAGCCCGC CCTACTATGA GGGCCGTTTC TCCAACGGAC CCGTCTGGCT
   AGGTGCGGCG GGATGATACT CCCGGCAAAG AGGTTGCCTG GGCAGACCGA

201 GGAGCAGCTG ACCAAACAGT TCCCGGGTCT GACCATCGCC AACGAAGCGG
   CCTCGTCGAC TGGTTTGTCA AGGGCCAGA CTGGTAGCGG TTGCTTCGCC

251 AAGGCGGTGC CACTGCCGTG GCTTACAACA AGATCTCCTG GAATCCCAAG
   TTCCGCCACG GTGACGGCAC CGAATGTTGT TCTAGAGGAC CTTAGGGTTC

301 TATCAGGTCA TCAACAACCT GGAATACGAG GTCACCCAGT TCTTGAGAA
   ATAGTCCAGT AGTTGTTGGA CCTGATGCTC CAGTGGGTCA AGAACGCTTT

351 AGACAGCTTC AAGCCGGACG ATCTGGTGAT CCTCTGGGTC GGTGCCAATG
   TCTGTGGAAG TTCGGCCTGC TAGACCACTA GGAGACCCAG CCACGGTTAC

401 ACTATCTGGC CTATGGCTGG AACACGGAGC AGGATGCCAA GCGGGTTTCG
   TGATAGACCG GATACCGACC TTGTGCCTCG TCCTACGGTT CGCCCAAGCG

451 GATGCCATCA GCGATGCGGC CAACCGCATG GTAATGAACG GTGCCAAGCA
   CTACGGTAGT CGCTACGCCG GTTGGCGTAC CATGACTTGC CACGGTTTCG

501 GATACTGCTG TTCAACCTGC CGGATCTGGG CCAGAACCCG TCAGCTCGCA
   CTATGACGAC AAGTTGGACG GCCTAGACCC GGTCTTGGGC AGTCGAGCGT

551 GTCAGAAGGT GGTCGAGGCG GTCAGCCATG TCTCCGCCTA TCACAACCAG
   CAGTCTTCCA CCAGCTCCGC CAGTCGGTAC AGAGGCGGAT AGTGTGTTGC

601 CTGCTGCTGA ACCTGGCAGC CCAGCTGGCC CCCACCGGCA TGGTAAAGCT
   GACGACGACT TGGACCGTGC GGTGACCGG GGGTGGCCGT ACCATTTCGA

651 GTTCGAGATC GACAAGCAAT TTGCCGAGAT GCTGCGTGAT CCGCAGAACT
   CAAGCTCTAG CTGTTCGTTA AACGGCTCTA CGACGCACTA GCGCTCTTGA

701 TCGGCCTGAG CGACGTCGAG AACCCCTGCT ACGACGGCGG CTATGTGTGG
   AGCCGGACTC GCTGCAGCTC TTGGGGACGA TGCTGCCGCC GATACACACC

751 AAGCCGTTTG CCACCCGAGC CGTCAGCACC GACCGCCAGC TCTCCGCCTT
   TTCGGCAAAC GGTGGGCGTC GCAGTCGTGG CTGGCGGTCTG AGAGGCGGAA

801 CAGTCCGCAG GAACGCCTCG CCATCGCCGG CAACCCGCTG CTGGCACAGG
   GTCAGGCGTC CTTGCGGAGC GGTAGCGGCC GTTGGGCGAC GACCGTGTCC

851 CCGTTGCCAG TCCTATGGCC CGCCGCAGCG CCAGCCCCCT CAACTGTGAG
   GGCAACGGTC AGGATACCGG GCGGCGTCGC GGTGCGGGGA GTTGACACTC

901 GGCAAGATGT TCTGGGATCA GGTACACCCG ACCACTGTCTG TGCACGAGC
   CCGTTCTACA AGACCCTAGT CCATGTGGGC TGGTGACAGC ACGTGCCTCG

951 CCTGAGCGAG CGCGCCGCCA CCTTCATCGC GAACCAGTAC GAGTTCCTCG
   GGACTCGCTC GCGCGGCGGT GGAAGTAGCG CTTGGTCATG CTCAAGGAGC

1001 CCCAC TGA
      GGGTG ACT

```

FIGURA 62 (Sec. con núm. de ident. 63)

```

1  ATGAAAAAAT GGTGTGTTG TTTATTGGGG TTGATCGCGC TGACAGTTCA
   TACTTTTTTA CCAAACAAAC AAATAACCCC AACTAGCGCG ACTGTCAAGT

51  GGCAGCCGAC ACTCGCCCCG CCTTCTCCCG GATCGTGATG TTCGGCGACA
   CCGTCGGCTG TGAGCGGGGC GGAAGAGGGC CTAGCACTAC AAGCCGCTGT

101 GCCTCTCCGA TACCGGCAAA ATGTACAGCA AGATGCGCGG TTACCTCCCC
   CGGAGAGGCT ATGGCCGTTT TACATGTCGT TCTACGCGCC AATGGAGGGG

151 TCCAGCCCGC CTTACTATGA GGGCCGTTC TCCAACGGAC CCGTCTGGCT
   AGGTCTGGCG GGATGATACT CCCGGCAAAG AGGTTGCCTG GGCAGACCGA

201 GGAGCAGCTG ACCAAGCAGT TCCCGGGTCT GACCATCGCC AACGAAGCGG
   CCTCGTCGAC TGGTTCGTCA AGGGCCCAAG CTGGTAGCGG TTGCTTCGCC

251 AAGGCGGTGC CACTGCCGTG GCTTACAACA AGATCTCCTG GAATCCCAAG
   TTCCGCCACG GTGACGGCAC CGAATGTTGT TCTAGAGGAC CTTAGGGTTC

301 TATCAGGTCA TCAACAACCT GGAATACGAG GTCACCCAGT TCTTGAGAA
   ATAGTCCAGT AGTTGTTGGA CCTGATGCTC CAGTGGGTCA AGAAGCTCTT

351 AGACAGCTTC AAGCCGGACG ATCTGGTGAT CCTCTGGGTC GGTGCCAATG
   TCTGTCAAG TTCGGCCTGC TAGACCACTA GGAGACCCAG CCACGGTTAC

401 ACTATCTGGC ATATGGCTGG AATACGGAGC AGGATGCCAA GCGAGTTCGC
   TGATAGACCG TATACCGACC TTATGCCTCG TCCTACGGTT CGCTCAAGCG

451 GATGCCATCA GCGATGCGGC CAACCGCATG GTACTGAACG GTGCCAAGCA
   CTACGGTAGT CGCTACGCCG GTTGGCGTAC CATGACTTGC CACGGTTCGT

501 GATACTGCTG TTCAACCTGC CGGATCTGGG CCAGAACCCG TCAGCCCGCA
   CTATGACGAC AAGTTGGACG GCCTAGACCC GGTCTTGGGC AGTCGGGCGT

551 GTCAGAAGGT GGTCGAGGCG GTCAGCCATG TCTCCGCCTA TCACAACAAG
   CAGTCTTCCA CCAGTCCGC CAGTCGGTAC AGAGCGGGAT AGTGTGTGTT

601 CTGCTGCTGA ACCTGGCACG CCAGCTGGCC CCCACCGGCA TGGTAAAGCT
   GACGACGACT TGGACCGTGC GGTGACCGG GGGTGGCCGT ACCATTTCGA

651 GTTCGAGATC GACAAGCAAT TTGCCGAGAT GCTGCGTGAT CCGCAGAACT
   CAAGCTCTAG CTGTTCGTTA AACGGCTCTA CGACGCACTA GCGTCTTGA

701 TCGGCCTGAG CGACGTCGAG AACCCTGCT ACGACGGCGG CTATGTGTGG
   AGCCGGACTC GCTGCAGCTC TTGGGGACGA TGCTGCCGCC GATACACACC

751 AAGCCGTTTG CCACCCGAG CGTCAGCACC GACCGCCAGC TCTCCGCCTT
   TTCGGCAAAC GGTGGGCGTC GCAGTCGTGG CTGGCGGTG AGAGGCGGAA

801 CAGTCCGCAG GAACGCCTCG CCATCGCCGG CAACCCGCTG CTGGCACAGG
   GTCAGGCGTC CTTGCGGAGC GGTAGCGGCC GTTGGGCGAC GACCGTGTCC

851 CCGTTGCCAG TCCTATGGCC CGCCGCAGCG CCAGCCCCCT CAACTGTGAG
   GGCAACGGTC AGGATACCGG GCGGCGTCGC GGTGCGGGGA GTTGACACTC

901 GGCAAGATGT TCTGGGATCA GGTACACCCG ACCACTGTG TGCACGACG
   CCGTTCTACA AGACCCTAGT CCATGTGGGC TGGTGACAGC ACGTGCCTG

951 CCTGAGCGAG CGCGCGGCA CCTTCATCGA GACCCAGTAC GAGTTCCTCG
   GGAAGTAGCT CTGGGTCATG CTCAAGGAGC

1001 CCCACGGATG A
     GGGTGCCTAC T

```

FIGURA 63

Sec. con núm. de ident. 68

```
1  ADTRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQQFPGLT
61  IANEAEGGAT AVAYNKISWD PKYQVINNLD YEVTQFLQKD SFKPDDLVLV WVGANDYLAY
121 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKVV EAVSHVSAYH
181 NKLLLNLARQ LAPTMGMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPF

236 RSASPLNCEG KMFWDQVHPT TVVHAALSER AATFIETQYE FLAHG
```

FIGURA 64

Sec. con núm. de ident. 120

gacactcgcc ccgcctctc ccggatcgtg atgttcggcg acagcctctc cgataccggc 60
 aaaatgtaca gcaagatgcg cggttacctc cctccagcc cgccctacta tgagggccgt 120
 ttctcaacg gacccgtctg gctggagcag ctgaccaagc agtcccggg tctgaccatc 180
 gccaacgaag cggaaggcgg tgccactgcc gtggcttaca acaagatctc ctgggacccc 240
 aagtatcagg tcatcaacaa cctggactac gaggtcacc agttcttgca gaaagacagc 300
 ttcaagccgg acgatctggt gatcctctgg gtcggtgcca atgactatct ggcatatggc 360
 tggaatacgg agcaggatgc caagcgagtt cgcgatgcca tcagcgatgc ggccaaccgc 420
 atggtactga acggtgcaa gcagatactg ctgttcaacc tgccggatct gggccagaac 480
 ccgtcagccc gcagtcagaa ggtggtcgag gcggtcagcc atgtctccg ctatcacaac 540
 aagctgctgc tgaacctggc acgccagctg gccccaccg gcatggtaaa gctgttcgag 600
 atcgacaagc aatttgccga gatgctgcgt gatccgcaga acttcggcct gagcgacgtc 660
 gagaaccctt gctacgacgg cggctatgtg tggaagccgt ttgccaccg cagcgtcagc 720
 accgaccgcc agctctccg cttcagtcg caggaacgcc tcgccatcgc cggcaaccg 780
 ctgctggcac aggccgttg cagtcctatg gcccgccgca gcgccagccc cctcaactgt 840
 gagggcaaga tgttctggga tcaggtacac ccgaccactg tcgtgcacgc agccctgagc 900
 gagcgcgccg ccacctcat cgagaccag tacgagttcc tcgccacgg atga 954

FIGURA 65

Sec. con núm. de ident. 121

```

1  ADTRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQQFPGLT
61  IANEAEGGAT AVAYNKISWD PKYQVINNLD YEVTQFLQKD SFKPDDLVLV WVGANDYLAY
121 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKVV EAVSHVSAYH
181 NKLLNLARQ LAPTMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPF

236 SASPLNCEG KMFWDQVHPT TVVHAALSER AATFIETQYE FLAHG

```

FIGURA 66

Sec. con núm. de ident. 122

```

1  ADTRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQQFPGLT
61  IANEAEGGAT AVAYNKISWD PKYQVINNLD YEVTQFLQKD SFKPDDLVLV WVGANDYLAY
121 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKVV EAVSHVSAYH
181 NKLLNLARQ LAPTMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPF

236 ASPLNCEG KMFWDQVHPT TVVHAALSER AATFIETQYE FLAHG

```

FIGURA 67

Sec. con núm. de ident. 123

```

1  ADTRPAFSRI VMFGDSLSDT GKMYSKMRGY LPSSPPYYEG RFSNGPVWLE QLTQQFPGLT
61  IANEAEGGAT AVAYNKISWD PKYQVINNLD YEVTQFLQKD SFKPDDLVLV WVGANDYLAY
121 GWNTEQDAKR VRDAISDAAN RMVLNGAKQI LLFNLPDLGQ NPSARSQKVV EAVSHVSAYH
181 NKLLNLARQ LAPTMVKLF EIDKQFAEML RDPQNFGLSD VENPCYDGGY VWKPF

236 SPLNCEG KMFWDQVHPT TVVHAALSER AATFIETQYE FLAHG

```

FIGURA 68

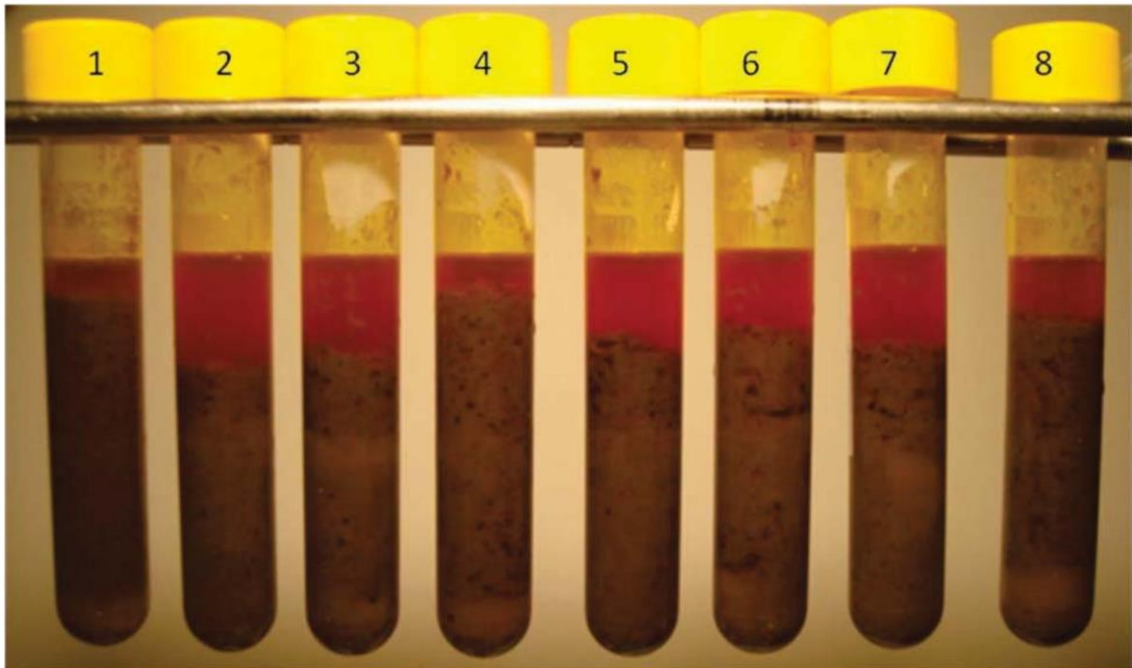


FIGURA 69

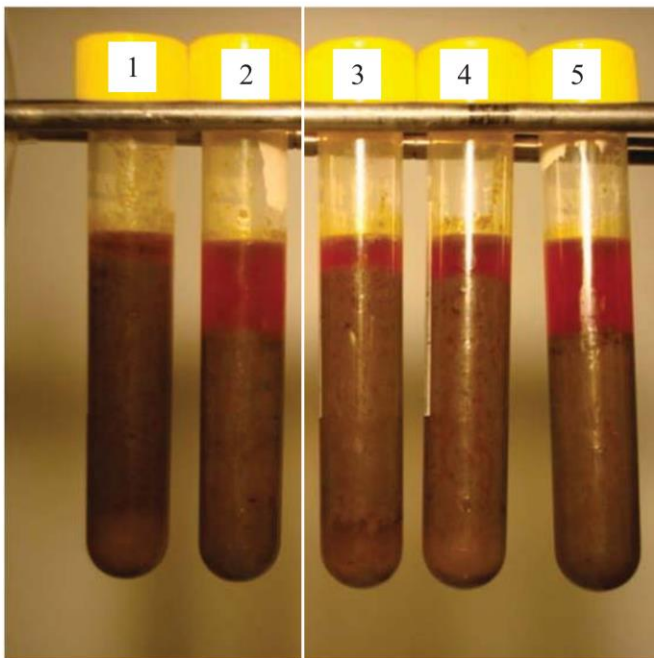


FIGURA 70

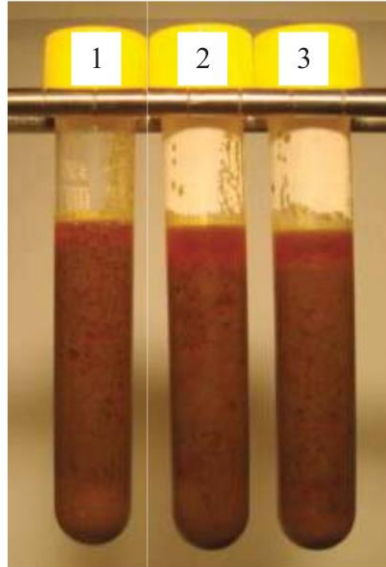


FIGURA 71

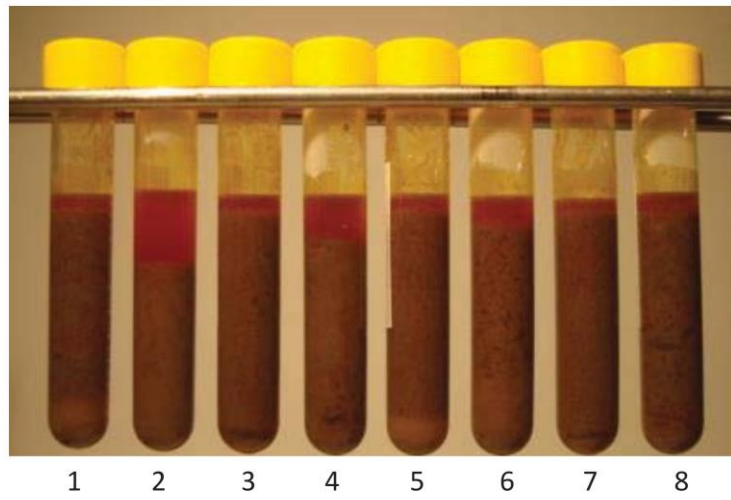


FIGURA 72



FIGURA 73

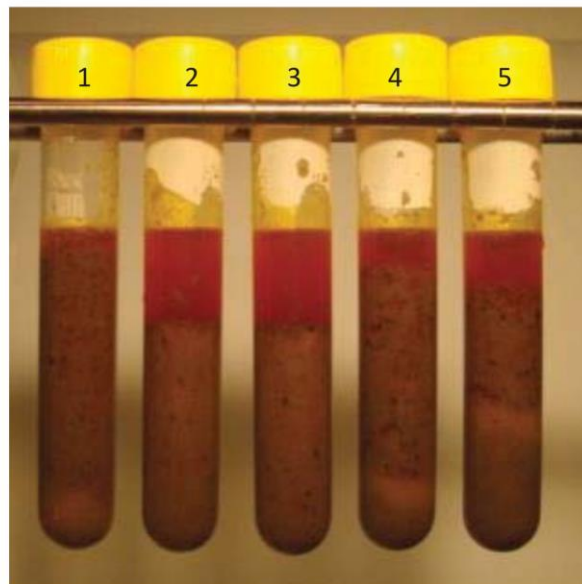


FIGURA 74

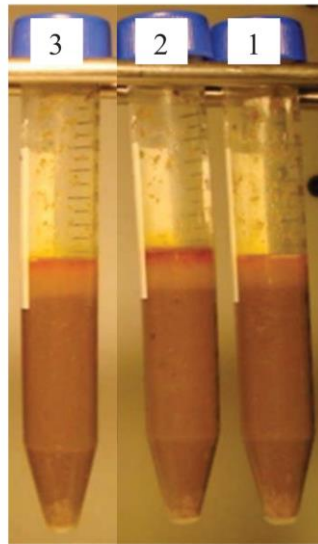


FIGURA 75

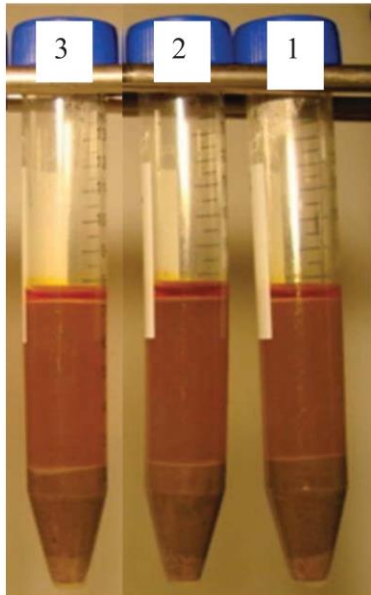


FIGURA 76

Sec. con núm. de ident. 124

APADKPQVLASFTQTSASSQNAWLAANRNQSAWAAYEFDWSTDLCQAPDNPFGFPFNTA
 CARHDFGYRNYKAAGSFDANKSRIDSAFYEDMKRVCTGYTGEKNTACNSTAWTTYQAVKIF
 G