

Project Name: LAPCT241064

Status: generated
Creation date: 2026-03-16
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General Information

Current application

Application number: before

IP Office:
Application number:
Filing date:
Applicant file reference: LAPCT241064

Earliest priority application

IP Office: CN
Application number: 202311565388.5
Filing date: 2023-11-22

Priority Identification

IP Office	Application number	Filing date
CN	202311565388.5	2023-11-22

Invention Title

Language	Invention title
en	ANTI-IL-4RaANTIBODY OR ANTIGEN-BINDING FRAGMENT THEREOF,AND BISPECIFIC ANTIBODY AND USE THEREOF

Applicant & Inventor:

Applicant name: THE UNITED BIO-TECHNOLOGY (HENGQIN) CO., LTD.
Language: en
Name Latin: The United Biotechnology (Hengqin) Co., Ltd.
Residence Address:
Correspondence Address:

Sequences

Sequence 1: "LAPCT241064_seq_1"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
10	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
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Feature Key	Feature Location	Qualifiers
source	1..10	mol_type = protein organism = Artificial Sequence

Residues

GYTFTTYIY

10

Sequence 2: "LAPCT241064_seq_2"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
17	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..17	mol_type = protein organism = Artificial Sequence

Residues

GSNPSTGGTL DNEKFKT

17

Sequence 3: "LAPCT241064_seq_3"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

SGRYAPFTY

9

Sequence 4: "LAPCT241064_seq_4"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
11	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..11	mol_type = protein

Feature Key	Feature Location	Qualifiers
		organism = Artificial Sequence

Residues

KASQDVSTSV A

11

Sequence 5: "LAPCT241064_seq_5"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
7	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..7	mol_type = protein organism = Artificial Sequence

Residues

SASYRFT

7

Sequence 6: "LAPCT241064_seq_6"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

QHYSTTPFT

9

Sequence 7: "LAPCT241064_seq_7"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
17	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..17	mol_type = protein organism = Artificial Sequence

Residues

GSNPSTGGTL ENEKFKT

17

Sequence 8: "LAPCT241064_seq_8"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

VHYSTTPFT

9

Sequence 9: "LAPCT241064_seq_9"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

SGRYATFTY

9

Sequence 10: "LAPCT241064_seq_10"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
17	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..17	mol_type = protein organism = Artificial Sequence

Residues

GSNPSTGGTL FNEKFKT

17

Sequence 11: "LAPCT241064_seq_11"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

QQYSTTPFT9

Sequence 12: "LAPCT241064_seq_12"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
10	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..10	mol_type = protein organism = Artificial Sequence

Residues

GFTFSSYYMS10

Sequence 13: "LAPCT241064_seq_13"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
17	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..17	mol_type = protein organism = Artificial Sequence

Residues

AINSNGGSTY SPDTVKG17

Sequence 14: "LAPCT241064_seq_14"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
14	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..14	mol_type = protein organism = Artificial Sequence

Residues

RSL LGNHRDW YFDV

14

Sequence 15: "LAPCT241064_seq_15"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
11	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..11	mol_type = protein organism = Artificial Sequence

Residues

RASENIYSYL A

11

Sequence 16: "LAPCT241064_seq_16"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
7	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..7	mol_type = protein organism = Artificial Sequence

Residues

NAKTLAD

7

Sequence 17: "LAPCT241064_seq_17"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
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Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
9	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..9	mol_type = protein organism = Artificial Sequence

Residues

LHHYGTPLT

9

Sequence 18: "LAPCT241064_seq_18"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVQLQPGAE LVKPGASKML SCKASGYTFT TYYIYWKOR PGOGLEWIGG SNPSTGGTLF 60
NEKFKTRATL TVDKYSSTAY MELSSLTFED SAVYFCTRSG RYAPFTYWGQ GTLVTVSA 118

Sequence 19: "LAPCT241064_seq_19"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIVMTQSHKV LSTSVGDRVI ITCKASQDVS TSVAWYQORP GHSPKLLIYS ASYRFTGVPD 60
RFTGSGSGTD FTFTISSVQA EDLAVINCQQ YSTTPFTFGS GTKLEIK 107

Sequence 20: "LAPCT241064_seq_20"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
123	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..123	mol_type = protein organism = Artificial Sequence

Residues

DVKLVESGGG

LVKLGGSCLK

SCAASGFTFS

SYYMSWVROT

PEKRLELVAA

INSNGGSTYS

60

PDTVKGRFTI

SRDNAKNTLY

LQMSSLKSED

TALYYCARRS

LLGNHRDWYF

DVWGAGTTVT

120

VSS

123

Sequence 21: "LAPCT241064_seq_21"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIOMTQSPAS

LSASVGETVT

ITCRASENIY

SYLAWYQOKQ

GKSPQLLVYN

AKTLADGVPS

60

RFSGSGSGTQ

FSLKINTLQP

EDFGSYYCLH

HYGTPLTFGA

GTKLELK

107

Sequence 22: "LAPCT241064_seq_22"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVOLVQSGAE

VKKPGASVKV

SCKASGYTFT

TYIYWVRQA

PGQGLEWMGG

SNPSTGGTLF

60

NEKFKTRVTM

TRDTSTSTVY

MELSSLRSED

TAVYYCARSG

RYAPFTYWGQ

GTLVTVSS

118

Sequence 23: "LAPCT241064_seq_23"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIQMTQSPSS
LSASVGDRV
ITCKASQDVS
TSVAWYQOKP
GKAPKLLIYS
ASYRFTGVPS
RFSGSGSGTD
FTLTISSLQP
EDFATYYCQQ
YSTTPFTFGQ
GTKLEIK

60
107

Sequence 24: "LAPCT241064_seq_24"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
123	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..123	mol_type = protein organism = Artificial Sequence

Residues

EVOLVESGGG
LVKPGGSLRL
SCAASGFTFS
SYYMSWVROA
PGKGLEWVSA
INSNGGSTYS
PDTVKGRFTI
SRDNAKNSLY
LQMNSLRAED
TAVYYCARRS
LLGNHRDWYF
DVWGQGTTVT
VSS

60
120
123

Sequence 25: "LAPCT241064_seq_25"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIQMTQSPSS
LSASVGDRV
ITCRASENIY
SYLAWYQOKP
GKAPKLLIYN
AKTLADGVPS
RFSGSGSGTD
FTLTISSLQP
EDFATYYCLH
HYGTPLTFGQ
GTKLEIK

60
107

Sequence 26: "LAPCT241064_seq_26"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVQLVQSGAE VKKPGASVKV SCKASGYTFT TYYIYWVROA PGQGLEWMGG SNPSTGGTLF 60
NEKFKTRVTM TVDKSTSTAY MELSSLRSED TAVYYCTRSG RYAPFTYWGQ GTLVTVSS 118

Sequence 27: "LAPCT241064_seq_27"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIQMTQSPSS LSASVGDRVT ITCKASQDVS TSVAWYQOKP GKAPKLLIYS ASYRFTGVPS 60
RFSGSGSGTD FTFTISSLQP EDFATYICQQ YSTTPFTFGQ GTKLEIK 107

Sequence 28: "LAPCT241064_seq_28"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVQLVQSGAE VKKPGASVKV SCKASGYTFT TYYIYWVROA PGQGLEWMGG SNPSTGGTLD 60
NEKFKTRVTM TVDKSTSTAY MELSSLRSED TAVYYCTRSG RYAPFTYWGQ GTLVTVSS 118

Sequence 29: "LAPCT241064_seq_29"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIOMTQSPSS
LSASVGDRVT
ITCKASQDVS
TSVAWYQOKP
GKAPKLLIYS
ASYRFTGVPS
RFSGSGSGTD
FTFTISSLQP
EDFATYYCQH
YSTTPFTFGQ
GTKLEIK

60
107

Sequence 30: "LAPCT241064_seq_30"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVOLVQSGAE
VKKPGASVKV
SCKASGYTFT
TYIYWVROA
PGOGLEWMGG
SNPSTGGTLE
NEKFKTRVTM
TVDKSTSTAY
MELSSLRSED
TAVYYCTRSG
RYAPFTYWGQ
GTLVTVSS

60
118

Sequence 31: "LAPCT241064_seq_31"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIOMTQSPSS
LSASVGDRVT
ITCKASQDVS
TSVAWYQOKP
GKAPKLLIYS
ASYRFTGVPS
RFSGSGSGTD
FTFTISSLQP
EDFATYYCVH
YSTTPFTFGQ
GTKLEIK

60
107

Sequence 32: "LAPCT241064_seq_32"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVQLVQSGAE VKKPGASVKV SCKASGYTFT TYYIYWVROA PGQGLEWMGG SNFSTGGTLE
NEKFKTRVTM TVDKSTSTAY MELSSLRSED TAVYYCTRSG RYATFTYWGQ GTLVTVSS

60
118

Sequence 33: "LAPCT241064_seq_33"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIOMTQSPSS LSASVGDRVT ITCKASQDVS TSVAWYQOKP GKAPKLLIYS ASYRFTGVPS
RFSGSGSGTD FTFTISSLQP EDFATYICVH YSTTPFTFGQ GTKLEIK

60
107

Sequence 34: "LAPCT241064_seq_34"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
122	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..122	mol_type = protein organism = Artificial Sequence

Residues

QMOLVESGGG VVQPGRSLRL SCAASGFTFR TYGMHWVROA PGKGLEWVAV IWYDGSNKHY
ADSVKGRFTI TRDNSKNTLN LQMNSLRAED TAVYYCARAP QWELVHEAFD IWGQGTMTV
SS

60
120
122

Sequence 35: "LAPCT241064_seq_35"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
326	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..326	mol_type = protein organism = Artificial Sequence

Residues

ASTKGPSVFP	LAPCSRSTSE	STAALGCLVK	DYFPEPVTVS	WNSGALTSGV	HTFFAVLOSS	60
GLYSLSSVVT	VPSSNFGTOT	YTCNVDHKPS	NTKVDKTVER	KCCVECPPCP	APPVAGPSVF	120
LFPPPKPKDTL	MISRTPEVTC	VVVDVSHEDP	EVQFNWYVDG	VEVHNAKTKP	REEQFNSTFR	180
VVSVLTVVHQ	DWLNKKEYKC	KVSNKGLPAP	IEKTISKTKG	QPREPOVYTL	PPSREEMTKN	240
QVSLTCLVKG	FYPSDIAVEW	ESNGQPENNY	KTTTPMLDSD	GSFFLYSKLT	VDKSRWQQGN	300
VFSCSVMHEA	LHNHYTQKSL	SLSPGK				326

Sequence 36: "LAPCT241064_seq_36"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
108	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..108	mol_type = protein organism = Artificial Sequence

Residues

SYVLTPPPSV	SVAPGQTARI	TCGGNNLGSK	SVHWYQOKPG	QAPVLVVYDD	SDRPSWIPER	60
FSGSNSGNTA	TLTISRGEAG	DEADYYCQVW	DSSSDRVVFG	GGTKLTVL		108

Sequence 37: "LAPCT241064_seq_37"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
106	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..106	mol_type = protein organism = Artificial Sequence

Residues

GQPKAAPSVT	LFPPSSEELQ	ANKATLVCLI	SDFYPGAFTV	AWKADSSPVK	AGVETTTPSK	60
QSNNKYAASS	YLSLTPEQWK	SHRSYSCQVT	HEGSTVEKTV	APTECS		106

Sequence 38: "LAPCT241064_seq_38"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
452	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..452	mol_type = protein organism = Artificial Sequence

Residues

EVOLVESGGG	LEQPGGSLRL	SCAGSGFTFR	DYAMTWVROA	PGKGLEWVSS	ISGSGGNTYY	60
ADSVKGRFTI	SRDNSKNTLY	LOMNSLRAED	TAVYYCAKDR	LSITIRPRYY	GLDVMGOGTT	120
VTVSSASTKG	PSVFPPLAPCS	RSTSESTAAL	GCLVKDYFPE	PVTVSWNSGA	LTSGVHTFPA	180
VLOSSGLYSL	SSVVTVPSSS	LGTKTYTCNV	DHKPSNTKVD	KRVESKYGPP	CPPCPAPEFL	240
GGFSVFLFPP	KPKDTLMISR	TPEVTCVVVD	VSQEDPEVQF	NWYVDGVEVH	NAKTKPREBO	300
FNSTYRVVSV	LTVLHQDWLN	GKEYKCKVSN	KGLPSSIEKT	ISKAKGQPRE	POVYTLPPSQ	360
BEHTKNQVSL	TCLVKGFYPS	DIAVEWESNG	QPENNYKTTT	PVLDSGGSFF	LYSRLTVDRS	420
RWQEGNVFSC	SVMHEALHNH	YTQKSLSLSL	GK			452

Sequence 39: "LAPCT241064_seq_39"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
219	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..219	mol_type = protein organism = Artificial Sequence

Residues

DIVMTQSPLS	LPVTPGEPAS	ISCRSSQSLL	YSIGYNYLDW	YLQKSGQSPQ	LLIYLGSNRA	60
SGVPDRFSGS	GSSTDFTLKI	SRVEAEDVGF	YYCQALQTP	YTFGGQTKLE	IKRTVAAPSV	120
FIFPPSDEQL	KSGTASVVCL	LNNFYPREAK	VQWKVDNALQ	SGNSQESVTE	QDSKDESTYSL	180
SSTLTLSKAD	YEKHKVYACE	VTHQGLSSPV	TRSFNRGEC			219

Sequence 40: "LAPCT241064_seq_40"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
327	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..327	mol_type = protein organism = Artificial Sequence

Residues

ASTKGPSVFPP	LAPCSRSTSE	STAALGCLVK	DYFPEPVTVS	WNSGALTSGV	HTTFAVLOSS	60
GLYSLSSVVT	VPSSSLGTKT	YTCNVDHKPS	NTKVDKRVES	KYGPPCPCPCP	APEFLGGESV	120
FLFPPKPKDT	LMISRTPEVT	CVVVDVSDQD	PEVQFNWYVD	GVEVHNAKTK	PREEQFNSTY	180
RVVSVLTVLH	QDWLNGKEYK	CKVSNKGLPS	SIEKTISKAK	GQPREPOVYT	LPPSQEEMTK	240
NQVSLTCLVK	GFYPDSIAVE	WESNGQPENN	YKTTTPVLDS	DGSFFLYSRL	TVDKSRWQEG	300

Sequence 41: "LAPCT241064_seq_41"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

RTVAAPSVFI FPPSDEQLKS GTASVVCLLN NFYPREAKVO WKVDNALQSG NSQESVTEQD 60
SKDSTYSLSS TLTLRKADYE KHKVYACEVT HQGLSSPVTK SFNRGEC 107

Sequence 42: "LAPCT241064_seq_42"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
122	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..122	mol_type = protein organism = Artificial Sequence

Residues

QMOLVESGGG VVOPGRSLRL SCAASGFTFR TYGMHWVROA PGKCLEWVAV IWYDGSNKHY 60
ADSVKGRFTI TRDNSKNTLN LQMNSLRAED TAVYYCARAP QWELVHEAFD IWGQGTMTVT 120
SS 122

Sequence 43: "LAPCT241064_seq_43"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
108	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..108	mol_type = protein organism = Artificial Sequence

Residues

SYVLTPFPVS SVAPGQTARI TCGGNNLGSK SVHWYQOKPG QAPVLVVYDD SDRPSWIPER 60
FSGSNSGNTA TLTISRGEAG DEADYYCQVW DSSSDRVVFG CGTKLTVL 108

Sequence 44: "LAPCT241064_seq_44"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
118	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..118	mol_type = protein organism = Artificial Sequence

Residues

QVOLVQSGAE VKKPGASVKV SCKASGYTFT TYYIYVWROA PGQCLEWMGG SNPSTGGTLD 60
 NEKFKTRVTM TVDKSTSTAY MELSSLRSED TAVYYCTRSG RYAPFTYWGC GTLVTVSS 118

Sequence 45: "LAPCT241064_seq_45"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
107	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..107	mol_type = protein organism = Artificial Sequence

Residues

DIQMTQSPSS LSASVGDRVT ITCKASQDVS TSVAWYQOKP GKAPKLLIYS ASYRFTGVPS 60
 RFSGSGSGTD FTFTISSLQP EDFATYICQH YSTTPFTFGC GTKLEIK 107

Sequence 46: "LAPCT241064_seq_46"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
10	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..10	mol_type = protein organism = Artificial Sequence

Residues

GGGGSGGGGS

10

Sequence 47: "LAPCT241064_seq_47"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
20	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..20	mol_type = protein organism = Artificial Sequence

Residues

GGGGSGGGGS GGGGSGGGGS

20

Sequence 48: "LAPCT241064_seq_48"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
8	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..8	mol_type = protein organism = Artificial Sequence

Residues

GFTFRTYG

8

Sequence 49: "LAPCT241064_seq_49"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
8	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..8	mol_type = protein organism = Artificial Sequence

Residues

IWYDGSNK

8

Sequence 50: "LAPCT241064_seq_50"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
14	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..14	mol_type = protein organism = Artificial Sequence

Residues

ARAPQWELVH EAFD

14

Sequence 51: "LAPCT241064_seq_51"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
6	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..6	mol_type = protein organism = Artificial Sequence

Residues

NLGSKS

6

Sequence 52: "LAPCT241064_seq_52"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
11	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..11	mol_type = protein organism = Artificial Sequence

Residues

QVWDSSSDHV V

11

Sequence 53: "LAPCT241064_seq_53"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
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Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
448	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..448	mol_type = protein organism = Artificial Sequence

Residues

QMOLVESGGG	VVOPGRSLRL	SCAASGFTFR	TYGMHWVROA	PGKGLEWVAV	IWYDGSNKHY	60
ADSVKGRFTI	TRDNSKNTLN	LOMNSLRAED	TAVYYCARAP	QWELVHEAFD	IWGQTMVTV	120
SSASTKGPSV	FPLAPCSRST	SESTAALGCL	VKDYFPEPVT	VSWNSGALTS	GVHTFPAVLQ	180
SSGLYSLSSV	VTVPSSNFGT	QTYTCNVDHK	PSNTKVVDKTV	ERKCCVECP	CPAPPVAGES	240
VFLFPPKPKD	TLMISRTPEV	TCVVVDVSHE	DPEVQFNWYV	DGVEVHNAKT	KPREEQFNST	300
FRVVSVLTVV	HODWLNKEY	KCKVSNKGLP	APIEKTISK	KGQPREPOVY	TLPPSREEMT	360
KNQVSLTCLV	KCFYPSDIAV	EWESNGOPEN	NYKTTPEMLD	SDGSPFLYSK	LTVDKSRWQQ	420
GNVFSCSVMH	BALHNHYTQK	SLSLSFGK				448

Sequence 54: "LAPCT241064_seq_54"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
214	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..214	mol_type = protein organism = Artificial Sequence

Residues

SYVLTOPPSV	SVAPGOTARI	TCGGNNLGSK	SVHWYQOKPG	QAPVLVYDD	SDRPSWIPER	60
FGGSNSGNTA	TLTISRGEAG	DEADYICQVW	DSSSDAVVFG	GGTKLTVLGO	PKAAPSVTLF	120
PPSSEELQAN	KATLVCLISD	FYPGAVTVAW	KADSSPVKAG	VETTTPSKQS	NNKYAASSYL	180
SLTPEQWKSH	RSYSCQVTHE	GSTVEKTVAP	TECS			214

Sequence 55: "LAPCT241064_seq_55"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
445	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..445	mol_type = protein organism = Artificial Sequence

Residues

QVQLVQSGAE	VKKPGASVKV	SKKASGYTFT	TYIYWVROA	PGGLEWMGG	SNPSTGGTLD	60
NEKFKTRVTM	TVDKSTSTAY	MELSSLRSED	TAVYYCTRSG	RYAPFTYWGQ	GTLVTVSSAS	120
TKGPSVFPLA	PCSRSTSEST	AALGCLVKDY	FPEPVTVSWN	SGALTSGVHT	FPAVLQSSGL	180
YSLSSVTVTP	SSSLGTKTYT	CNVDHKPSNT	KVDKRVESKY	GPCCPPCPAP	EFLGGFVSFL	240
FPPKPKDTLM	ISRTPEVTCV	VVDVSQEDPE	VQFNWYVDGV	EVHNAKTKPR	EEQFNSTYRV	300

```

VSVLTIVLHOD WLNQKEYKCK VSNKGLPSSI EKTISKAKGO PREPOVYTLF PSQEMTKNO 360
VSLTCLVKGF YPSDIAVEWE SNGQFENNYK TTPVLDSDG SFFLYSRLTV DKSRWQEGNV 420
FSCVMHEAL HNHYTQKSL SLSLGR 445

```

Sequence 56: "LAPCT241064_seq_56"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
214	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..214	mol_type = protein organism = Artificial Sequence

Residues

```

DIOMTQSPSS LSASVGDRVT ITCKASQDVS TSWAWYOOKP GKAPKLLIYS ASYRFTGVPS 60
RPSGSGSGTD FTFTISSLOP EDFATYTCOH YSTTPFTFGO GTKLEIKRTV AAPSVFIFPP 120
SDEQLKSGTA SVVCLLNNFY FREAKVQWKV DNALQSGNSQ ESVTEQDSKD STYLSLSLT 180
LSKADYEKHK VYACEVTHQG LSSPVTKSFN RGECC 214

```

Sequence 57: "LAPCT241064_seq_57"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
703	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..703	mol_type = protein organism = Artificial Sequence

Residues

```

QMOLVESGGG VVQPGRLRL SCAASGFTFR TYGMHWVRQA PGKGLEWVAV IWYDGSNKHY 60
ADSVKGRFTI TRDNSKNTLN LOMNSLRAED TAVYYCARAP QWELVHEAFD IWGGGTMTV 120
SSASTKGPSV FPLAPCSRST SESTAALGCL VKDYFPEPVT VSWNSGALTS GVHTFPAVLQ 180
SSGLYSLSVV VIVFESSNFGT QTYTCNVDPHK PSNTKVDKTV ERKCCVECPD CPAPPVAGE 240
VPLFPPKPKD TLMISRTPEV TCVVVDVSHE DPEVQENWYV DGVEVHNAKT KRREEQFNST 300
FRVSVLTIVV HQDWLNGKEY KCKVSNKGLP APIEKTISKT KGGPREPOVY TLPESREEMT 360
KNQVSLTCLV KGFYPSDIAV EWESNGQPEN NYKTTFPMLD SDGSFFFLYSK LTVDKSRWQQ 420
GNVFSCSVMH BALHNNHYTK SLSLSPGKGG GSGGGGGSQV QLVQSGAEVK KPGASVKVSC 480
KASGYETTTY IYVWRQAFG QCLEWMGGSN PSTGGTLDNE KFKTRVTMTV DKSTSTAYME 540
LSSLRSBDTA VYYCTRSGRY AFPTIWGQGT LVTVSSGGGG SGGGGSGGGG SGGGGSDIQM 600
TQSPSSLSAS VGDRVTITCK ASDVSTSTVA WYQOKPGKAP KLLIYSASYR FTGVFSRFSG 660
SGSGDTDFTT ISSLQPEDFA TYICQHYSTT PFTFGCGTKL EIK 703

```

Sequence 58: "LAPCT241064_seq_58"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
214	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..214	mol_type = protein

Feature Key	Feature Location	Qualifiers
		organism = Artificial Sequence

Residues

SYVLTOPPSV	SVAPGQTARI	TCGGNNLGSK	SVHWYQOKPG	QAPVLVVYDD	SDRPSWIPER	60
FSGSNSGNTA	TLTISRGEAG	DEADYYCQVW	DSSSDHVVFQ	GGTKLTVLGG	PKAAPSVTLF	120
PPSSEELQAN	KATLVCLISD	FYPGAVTVAW	KADSSPVKAG	VETTFPSKQS	NNKYAASSYL	180
SLTPEQWKSH	RSYSCQVTHE	GSTVEKTVAP	TECS			214

Sequence 59: "LAPCT241064_seq_59"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
705	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..705	mol_type = protein organism = Artificial Sequence

Residues

QVOLVOSGAE	VKKPGASVKV	SCKASGYTFT	TYIYVWVROA	PGGLEWMGG	SNPSTGGTLD	60
NEKFKTRVTM	TVDKSTSTAY	MELSSLRSED	TAVYYCTRSG	RIAPFTYWGO	GTLVTVSSAS	120
TKGPSVEFLA	PCSRSTSEST	AALGCLVKDY	FPEPVTVSWN	SGALTSGVHT	FFAVLOSSGL	180
YSLSSVVTVP	SSSLGKTITY	CNVDHKPSNT	KVDKRVESKY	GPCCFFCPAP	EFLGGPSVFL	240
FPFKPKDTLM	ISRTPETVCV	VVDVSOEDPE	VOFNWYVDGV	EVHNAKTKPR	EEQFNSTYRV	300
VSVLTVLHOD	WLNGKEYKCK	VSNKGLPSSI	EKTISKAKGO	PREPOVYTLF	PSCEEMTKNO	360
VSLTCLVKGF	YPSDIAVEWE	SNGQENNNYK	TTPPVLDSDG	SFFLYSRLTV	DKSRWQEGNV	420
FSCSVMHEAL	HNHYTQKSLS	LSLGKGGGGS	GGGGSQMOLV	ESGGGVVQPG	RSRLRLSCAS	480
GFTFRITYGMH	WVROAPGKCL	EWVAVIWYDG	SNKHYADSVK	GRFTITRDNS	KNTLNLMNNS	540
LRAEDTAVYY	CARAPQWELV	HEAFDIWGQG	TMVTVSSGGG	GSGGGGSGGG	GSGGGGSSSYV	600
LTQPPSVSVA	PGOTARITCG	GNNLGSKSVH	WYQOKPQOAP	VLVVYDDSDR	PSWIPERFSG	660
SNSGNTATLT	ISRGEAGDEA	DYYCQVWDSS	SDAVVFGCGT	KLTVL		705

Sequence 60: "LAPCT241064_seq_60"

Length	Molecule Type	Organism	Contains DNA and RNA fragments	Skipped Sequence
214	AA	Artificial Sequence	No	No

Features

Feature Key	Feature Location	Qualifiers
source	1..214	mol_type = protein organism = Artificial Sequence

Residues

DIOMTQSPSS	LSASVGDVRT	ITCKASQDVS	TSVAWYQOKP	GKAPKLLIYS	ASYRFTGVPS	60
RFSGSGSGTD	FTFTISSLOP	EDFATYYCOH	YSTTPFTFGQ	GTKLEIKRTV	AAPSVFIFFP	120
SDEOLKSGTA	SVVCLLNNFY	PREAKVQWKV	DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	180
LSKADYEKKH	VYACEVTHQG	LSSPVTRSFN	RGEC			214