

```

<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE ST26SequenceListing PUBLIC "-//WIPO//DTD Sequence Listing 1.3//EN"
"ST26SequenceListing_V1_3.dtd">
<ST26SequenceListing dtdVersion="V1_3" fileName="098065-0296.xml" softwareName="WIPO Sequence"
softwareVersion="2.1.2" productionDate="2022-08-31">
  <ApplicantFileReference>098065-0296</ApplicantFileReference>
  <ApplicantName languageCode="en">DAIICHI SANKYO COMPANY, LIMITED</ApplicantName>
  <InventionTitle languageCode="en">METHODS OF TREATING CHEMOTHERAPY-RESISTANT CANCER
WITH AN ANTIBODY-DRUG CONJUGATE</InventionTitle>
  <SequenceTotalQuantity>88</SequenceTotalQuantity>
  <SequenceData sequenceIDNumber="1">
    <INSDSeq>
      <INSDSeq_length>790</INSDSeq_length>
      <INSDSeq_moltype>AA</INSDSeq_moltype>
      <INSDSeq_division>PAT</INSDSeq_division>
      <INSDSeq_feature-table>
        <INSDFeature>
          <INSDFeature_key>source</INSDFeature_key>
          <INSDFeature_location>1..790</INSDFeature_location>
          <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>
<INSDQualifier id="q1">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>Homo
sapiens</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>MRTYRYFLLLFWVGQPYPTLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSMWNQFFLLEEYTG
SDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAINRRTGRPVEPESEFIKIHDINDN
EPIFTKEVYTATVPMSDVGTFVQVQTATDADDPTYGNSAKVVYSILQGQPYFSVESETGIIKTALLNMDRENREYQVVIQAKD
MGGQMGGLSGTTTNNITLTDVNDNPPRFPQSTYQFKTPSSPPGTPIGRIKASDADVGNAEIEYSITDGEGLDMFDVITDQET
QEGIITVKKLLDFEKKKVYTLKVEASNPHYVEPRFLYLGPFKDSATVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSVTAQDPDA
ARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLWHNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETVCE
KAKADQLIQLHAVDKDDPYSGHQFSFLAPEAASGSNFTIQDNKDN TAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQSST
GTVTVRVCACDHHGNMQSCHAEALIHPTGLSTGALVAILLCIVLLTVTVLFAALRRQRKKEPLISKEDIRDNIVSYNDEGGGEED
TQAFDIGTLRNPEAIEDNKLRRDIVPEALFLPRRTPTARDNTDVRDFINQRLKENDTDPTAPPYDSLATYAYEGTGSVADSLSSLE
SVTTDADQDYDYLSDWGPRFKKLADMYGGVDSKDS</INSDSeq_sequence>
    </INSDSeq>
  </SequenceData>
  <SequenceData sequenceIDNumber="2">

```

```

    <INSDSeq>
      <INSDSeq_length>106</INSDSeq_length>
      <INSDSeq_moltype>AA</INSDSeq_moltype>
      <INSDSeq_division>PAT</INSDSeq_division>
      <INSDSeq_feature-table>
        <INSDFeature>
          <INSDFeature_key>source</INSDFeature_key>
          <INSDFeature_location>1..106</INSDFeature_location>
          <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q2">

<INSDQualifier_name>organism</INSDQualifier_name>
          <INSDQualifier_value>Homo
sapiens</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>

<INSDSeq_sequence>SWMWNQFFLLEETGSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREE
KPVYILRAQAINRRTGRPVEPESEFIKIHDINDNEPIF</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="3">
  <INSDSeq>
    <INSDSeq_length>109</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..109</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
        </INSDQualifier>
        <INSDQualifier id="q3">

<INSDQualifier_name>organism</INSDQualifier_name>
        <INSDQualifier_value>Homo

```

sapiens</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>TKEVYTATVPMSDVGTFVVQVTATDADDPTYGNSAKVVYSILQGQPYFSVESETGIKTALLNMDRE
NREQYQVVIQAKDMGGQMGGLSGTTTVNITLTDVNDNPPRF</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="4">

<INSDSeq>

<INSDSeq_length>115</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..115</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q4">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>Homo

sapiens</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>PQSTYQFKTPESSPPGTPIGRIKASDADVGENAEIEYSITDGEGLDMFDVITDQETQEGIITVKKLLDFEK
KKVYTLKVEASNPYVEPRFLYLGPFKDSATVRIVVEDVDEPPVF</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="5">

<INSDSeq>

<INSDSeq_length>103</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..103</INSDFeature_location>

```

                                <INSDFeature_qual>
                                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q5">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Homo
sapiens</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>

<INSDSeq_sequence>SKLAYILQIREDAQINTTIGSVTAQDPDAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETL
WHNITVIATEINNPKQSSRVPLYIKVLDVNDNAP</INSDSeq_sequence>
                                </INSDSeq>
                                </SequenceData>
                                <SequenceData sequenceIDNumber="6">
                                    <INSDSeq>
                                        <INSDSeq_length>122</INSDSeq_length>
                                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                                        <INSDSeq_division>PAT</INSDSeq_division>
                                        <INSDSeq_feature-table>
                                            <INSDFeature>
                                                <INSDFeature_key>source</INSDFeature_key>
                                                <INSDFeature_location>1..122</INSDFeature_location>
                                                <INSDFeature_qual>
                                                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q6">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Homo
sapiens</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>

<INSDSeq_sequence>EFAEFYETFVCEKAKADQLIQLHAVDKDDPYSGHQFSFLAPEAASGSNFTIQDNKDNTAGILTRKN
GYNRHEMSTYLLPVVISDNDYPVQSSTGTVTVRVCACDHHGNMQSCHAEALIH</INSDSeq_sequence>

```

```

        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="7">
        <INSDSeq>
            <INSDSeq_length>790</INSDSeq_length>
            <INSDSeq_moltype>AA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>
            <INSDSeq_feature-table>
                <INSDFeature>
                    <INSDFeature_key>source</INSDFeature_key>
                    <INSDFeature_location>1..790</INSDFeature_location>
                    <INSDFeature_qual>
                        <INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                        </INSDQualifier>
                        <INSDQualifier id="q7">

<INSDQualifier_name>organism</INSDQualifier_name>

                        <INSDQualifier_value>Mus
musculus</INSDQualifier_value>

                        </INSDQualifier>
                    </INSDFeature_qual>
                </INSDFeature>
            </INSDSeq_feature-table>

            <INSDSeq_sequence>MRTYRYFLLLFWVGQPYPTFSNPLSKRTSGFPAKRKALELSANSRNELSRSKRSWMWNQFFLLEEYT
GSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAVNRRTGRPVEPESEFIKIHDIN
DNEPIFTKDVTATVPEMADVGTFFVQVTATDADDPTYGNSAKVVYSILQGQPYFSVESETGIKTALLNMDRENREQYQVVIQ
AKDMGGQMGGLSGTTT VNITLTDVNDNPPRFPQSTYQFKTPESSPPGTPIGRIKASDADVGENAEIEYSITDGEGHEMFDTVITD
QETQEGITVKLLDFEKKKVYTLKVEASNPHEPRFLYLGPFKDSATVRIVDDVDPEPPVFSKLAYILQIRE DARINTTIGSVAAQD
PDAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLLWHNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETF
VCEKAKADQLIQTLRAVDKDDPYSGHQFSFLAPEAASSSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQS
STGTVTVRVACDHHGNUMQSCHAEALIHPTGLSTGALVAILLCIVLLTVVLF AALRRQRKKEPLIISKEDIRDNIVSYNDEGGGE
EDTQAFDIGTLRNPEAMEDSKSRRDIVPEALFLPRRTP TARDNTDVRDFINQRLKENDTDPTAPPYDSLATYAYEGTGSVADSL
SLESVTTDGDQDYDYLSDWGPFRFKKLADMYGGMDSDKDS</INSDSeq_sequence>
        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="8">
        <INSDSeq>
            <INSDSeq_length>789</INSDSeq_length>
            <INSDSeq_moltype>AA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>
            <INSDSeq_feature-table>
                <INSDFeature>
                    <INSDFeature_key>source</INSDFeature_key>
                    <INSDFeature_location>1..789</INSDFeature_location>

```

```

<INSDFeature_qual>
  <INSDQualifier>
    <INSDQualifier_name>mol_type</INSDQualifier_name>
    <INSDQualifier_value>protein</INSDQualifier_value>
  </INSDQualifier>
  <INSDQualifier id="q8">
    <INSDQualifier_name>organism</INSDQualifier_name>
    <INSDQualifier_value>Rattus
    norvegicus</INSDQualifier_value>
  </INSDQualifier>
</INSDFeature_qual>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>MRTYRYLLLLFWVGQPYPTFSNPLSKRTSGFPAKRRALELSANSRNELSRSKRSWMWNQFFLLEEYT
GSDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAINRRTGRPVEPESEFIKIHDIND
NEPIFTKDVTATVPEMADVGTFFVQVTATDADDDPTYGNSAKVVYSILQGQPYFSVESETGIKTALLNMDRENREYQVVIQA
KDMGGQMGGLSGTTTTVNITLTDVNDNPPRFPQSTYQFKTPESSPPGTPIGRIKASDADVGENAIEYSITDGEGHDMFDVITDQ
ETQEGIIIVKKLLDFEKKRVYTLKVEASNPHEPRFLYLGPFKDSATVRIVDDVDDEPPVFSKPAYILQIREDAQINTTIGSVAAQDP
DAARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLWHNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETFV
CEKAKADQLIQLHAVDKDDPYSGHQFSFSLAPEAASGSNFTIQDNKDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQS
STGTVTVRVCACDHHGNMQSCHAEALIHPTGLSTGALVAILLCIVILLTVVLFALRRQRKKEPLISKEDIRDNIVSYNDEGGGE
EDTQAFDIGTLRNPKPWRQQSRRDMVPEALFLPRRTPTARDNTDVRDFISQRLRKMNTDPTAPPYDSLATYAYEGTGSVADSL
SSLESVTTDGDQDYGYSLDWGPFRFKKLADMYGGMDSKD</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="9">
  <INSDSeq>
    <INSDSeq_length>790</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..790</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q9">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier value>Macaca

```

fascicularis</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>MRTYRYFLLLFWVGQPYPTLSTPLSKRTSGFPAKKRALELSGNSKNELNRSKRSMWNQFFLLEEYTG
SDYQYVGKLHSDQDRGDGSLKYILSGDGAGDLFIINENTGDIQATKRLDREEKPVYILRAQAINRRTGRPVEPESEFIKIHDINDN
EPIFTKEVYTATVPMSDVGTFVVQVTATDADDDPTYGNSAKVVYSILQGQPYFSVESETGIKTALLNMDRENREQYQVVIQAKD
MGGQMGGLSGTTTNNITLTDVNDNPPRFPQSTYQFKTPSSPPGTPIGRIKASDADVGENAEIEYSITDGEGLDMFDVITDQET
QEGITVKKLLDFEKKKVYTLKVEASNPHVEPRFLYLGPFKDSATVRIVVEDVDEPPVFSKLAYILQIREDAQINTTIGSVTAQDPDA
ARNPVKYSVDRHTDMDRIFNIDSGNGSIFTSKLLDRETLNWHNITVIATEINNPKQSSRVPLYIKVLDVNDNAPEFAEFYETVCE
KAKADQLIQLRAVDKDDPYSGHQFSFLAPEAASGSNFTIQDNKNDNTAGILTRKNGYNRHEMSTYLLPVVISDNDYPVQSSTG
TVTVRVCACDHHGNMQSCHAEALIHPTGLSTGALVAILLCVILLVTVVLFAALRRQRKKEPLISKEDIRDNIVSYNDEGGGEEDT
QAFDIGTLRNPEAIEDNKLRRDIVPEALFLPRRTPTARDNTDVRDFINQRLKENDTDPTAPPYDSLATYAYEGTGSVADSLSSLES
VTTDGDQDYDYLSDWGPFRFKKLADMYGGVDSDKDS</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="10">

<INSDSeq>

<INSDSeq_length>108</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..108</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q10">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>Rattus

norvegicus</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>DIQMTQSPSLLSASVGDRVTLNCKASQNIYKNLAWYQQKLGEKPKLLIYDANTLQTGIPSRFSGSGS
GSDFTLTISLQPEDVATYFCQQYYSGWAFGGVTNLELKRA</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="11">

```

        <INSDSeq>
          <INSDSeq_length>324</INSDSeq_length>
          <INSDSeq_moltype>DNA</INSDSeq_moltype>
          <INSDSeq_division>PAT</INSDSeq_division>
          <INSDSeq_feature-table>
            <INSDFeature>
              <INSDFeature_key>source</INSDFeature_key>
              <INSDFeature_location>1..324</INSDFeature_location>
              <INSDFeature_qual>
                <INSDQualifier>
                  <INSDQualifier_name>mol_type</INSDQualifier_name>
                  <INSDQualifier_value>other
DNA</INSDQualifier_value>
                </INSDQualifier>
              <INSDQualifier id="q11">
                <INSDQualifier_name>organism</INSDQualifier_name>
                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
              </INSDQualifier>
            </INSDFeature_qual>
          </INSDFeature>
        </INSDSeq_feature-table>
      </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="12">
      <INSDSeq>
        <INSDSeq_length>11</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
          <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..11</INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier>
                <INSDQualifier_name>mol_type</INSDQualifier_name>
                <INSDQualifier_value>protein</INSDQualifier_value>
              </INSDQualifier>
            <INSDQualifier id="q12">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>KASQNIYKNLA</INSDSeq_sequence>
                            </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="13">
    <INSDSeq>
        <INSDSeq_length>7</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..7</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q13">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>DANTLQT</INSDSeq_sequence>
                            </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="14">
    <INSDSeq>
        <INSDSeq_length>8</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..8</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q14">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>QQYYSGWA</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="15">
  <INSDSeq>
    <INSDSeq_length>122</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..122</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q15">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

```

```

<INSDSeq_sequence>QVQLQQSGAELVKPGSSVKISCKASGYTFTRNFMHWIKQQPGNGLEWIGWIYCGDGETEYNQKFN
GKATLTADRSSTAYMELSRLTSEDSAVYFCARGVYGGFAGGYFDWVGQGMVTVSS</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="16">
  <INSDSeq>

```

```

        <INSDSeq_length>366</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..366</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

                                <INSDQualifier_value>other
DNA</INSDQualifier_value>

                                </INSDQualifier>
                                <INSDQualifier id="q16">

<INSDQualifier_name>organism</INSDQualifier_name>

                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
        </INSDSeq_feature-table>

<INSDSeq_sequence>caggtacagctgcagcaatctggggctgaactggtgaagcctgggtcctcagtgaaaattcctgcaaggcttctggctacac
cttcaccaggaactttatgcactggataaacagcagcctggaaatggccttgagtgatttattgtggagatggtgagacagagtacaatcaaa
agttcaatgggaaggcaactcactgcggacagatcctccagcacagcctatatggagctcagcagactgacatctgaggactctgcagtctatttctgtgcaa
gaggggtttacggagggtttgccgggggctactttgatttctggggccaaggagtcatggtcacagtctctca</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="17">
    <INSDSeq>
        <INSDSeq_length>10</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..10</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                                </INSDQualifier>
                                <INSDQualifier id="q17">

<INSDQualifier_name>organism</INSDQualifier_name>

```

```

                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>GYTFTRNFMH</INSDSeq_sequence>
                                </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="18">
    <INSDSeq>
        <INSDSeq_length>10</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..10</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q18">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>WIYCGDGETE</INSDSeq_sequence>
                                </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="19">
    <INSDSeq>
        <INSDSeq_length>13</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..13</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q19">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>GVYGGFAGGYFDF</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="20">
  <INSDSeq>
    <INSDSeq_length>109</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..109</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q20">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>DVQMT HSPSYLAASPGESVSISCKTSKNISNYLVWYQKPGEAYKLLIYSGSTLQSGTPSRFSGSGSGT
DFTLTIRSLEPEDFGLYFCQYYEKPFTFGSGTKLEIKRA</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="21">
  <INSDSeq>
    <INSDSeq_length>327</INSDSeq_length>

```

```

<INSDSeq_moltype>DNA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
  <INSDFeature>
    <INSDFeature_key>source</INSDFeature_key>
    <INSDFeature_location>1..327</INSDFeature_location>
    <INSDFeature_qual>
      <INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>
      <INSDQualifier_value>other
DNA</INSDQualifier_value>
    </INSDQualifier>
    <INSDQualifier id="q21">
<INSDQualifier_name>organism</INSDQualifier_name>
      <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>gatgtccagatgaccactctccgtcttatcttgctgctgctcctggagaaagtgtttccatcagttgcaagacaagtaagaacat
tagtaattatttagtctggtatcaacagaaacctggggaagcatataagcttcttatctattctgggtcaacttgcaatctggaactccatcaaggttcagtggcag
tggatctggtacagatttcactctcactatcagaagcctggagcctgaagattttgactctatttctgtcaacagtattatgaaaaaccattcacgttcggctcagg
gacgaagttggaataaaacgggct</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="22">
  <INSDSeq>
    <INSDSeq_length>11</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..11</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>
          <INSDQualifier_value>protein</INSDQualifier_value>
        </INSDQualifier>
        <INSDQualifier id="q22">
<INSDQualifier_name>organism</INSDQualifier_name>
          <INSDQualifier_value>Rattus

```

```

norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>KTSKNISNYLV</INSDSeq_sequence>
                            </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="23">
    <INSDSeq>
        <INSDSeq_length>7</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..7</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q23">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>SGSTLQS</INSDSeq_sequence>
                            </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="24">
    <INSDSeq>
        <INSDSeq_length>9</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..9</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

```

```

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q24">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>QQYYEKPFT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="25">
  <INSDSeq>
    <INSDSeq_length>121</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..121</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q25">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>EVQLQESGPGLV RPSQSLSLSCSVTDYSITSNYWGWIRRFPGNKM EWMGYITYSGYTSYNPSLQSRIS
ITRDTSKNQFFLQLNSVTAEDTATYYCARSINHGGSYVVD AWGPGASVTVSS</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="26">
  <INSDSeq>
    <INSDSeq_length>363</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>

```

```

        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..363</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

                                <INSDQualifier_value>other
DNA</INSDQualifier_value>

                                </INSDQualifier>
                                <INSDQualifier id="q26">

<INSDQualifier_name>organism</INSDQualifier_name>

                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                                </INSDQualifier>
                            </INSDFeature_qual>
                        </INSDFeature>
                    </INSDSeq_feature-table>

<INSDSeq_sequence>gagggtgcaacttcaggagtcaggacctggccttgtagaccctcacagtcactctccctctcctgttctgtcactgattactccatc
actagtaattactggggctggatccggaggtcccaggaaataaaatggagtggatgggatacataacctatagtgttacactagctacaacccatctctcaa
agtcgaatctccattactagagacacatcgaagaatcagttcttctgcagttgaactctgtaactgctgaggacacagccacatattactgtgcaagatcgattaa
ccacggaggatatagttatgttggtgatgcctggggtccgggagcttcagtcactgtctctca</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="27">
    <INSDSeq>
        <INSDSeq_length>10</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..10</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                                </INSDQualifier>
                                <INSDQualifier id="q27">

<INSDQualifier_name>organism</INSDQualifier_name>

                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

```

```

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>DYSITSNYWG</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="28">
  <INSDSeq>
    <INSDSeq_length>9</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..9</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

          </INSDQualifier>
          <INSDQualifier id="q28">

<INSDQualifier_name>organism</INSDQualifier_name>

          <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>
    <INSDSeq_sequence>YITYSGYTS</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="29">
  <INSDSeq>
    <INSDSeq_length>13</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..13</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

```

```

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q29">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>SINHGGYSYVVDA</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="30">
  <INSDSeq>
    <INSDSeq_length>109</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..109</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q30">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

```

```

<INSDSeq_sequence>DVQMTQSPSSLAASPGESVSISCRATKSIGIYLAWYQQKPGKTFKLLIYSGSTLQSGTPSRFSGSGSGT
DFTLTIRSLEPEDFGLYFCQQFYENPFTFGSGTKLEIRRA</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="31">
  <INSDSeq>
    <INSDSeq_length>327</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>

```

```

        <INSDSeq_feature-table>
          <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..327</INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier>
                <INSDQualifier_name>mol_type</INSDQualifier_name>
                <INSDQualifier_value>other
                </INSDQualifier>
              </INSDFeature_qual>
            </INSDFeature>
          </INSDSeq_feature-table>
        </INSDSeq>
      </SequenceData>
      <SequenceData sequenceIDNumber="32">
        <INSDSeq>
          <INSDSeq_length>11</INSDSeq_length>
          <INSDSeq_moltype>AA</INSDSeq_moltype>
          <INSDSeq_division>PAT</INSDSeq_division>
          <INSDSeq_feature-table>
            <INSDFeature>
              <INSDFeature_key>source</INSDFeature_key>
              <INSDFeature_location>1..11</INSDFeature_location>
              <INSDFeature_qual>
                <INSDQualifier>
                  <INSDQualifier_name>mol_type</INSDQualifier_name>
                  <INSDQualifier_value>protein</INSDQualifier_value>
                  </INSDQualifier>
                </INSDFeature_qual>
              </INSDFeature>
            </INSDSeq_feature-table>
          </INSDSeq>
        </SequenceData>
      </INSDSeq>
    </INSDSeq>
  </INSDSeq>
</INSDSeq>

```

```

        </INSDFeature_qual>
    </INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>RATKISIGIYLA</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="33">
    <INSDSeq>
        <INSDSeq_length>7</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..7</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q33">

<INSDQualifier_name>organism</INSDQualifier_name>

                    <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                    </INSDQualifier>
                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>
        <INSDSeq_sequence>SGSTLQS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="34">
    <INSDSeq>
        <INSDSeq_length>9</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..9</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

```

```

</INSDQualifier>
<INSDQualifier id="q34">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>QQFYENPFT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="35">
  <INSDSeq>
    <INSDSeq_length>121</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..121</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>
<INSDQualifier id="q35">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>EVQLQESGPGLVKPSQSLTCSVTDYSTITYFWGWIRKFPGNKMEWMGYMSYRGGTSYNPSLKSRI
SITRDTSKNQFFLQLNSVTTEDTATYYCARCPNYGGHSLVFDYWGGQGMVTVSS</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="36">
  <INSDSeq>
    <INSDSeq_length>363</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>

```

```

        <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..363</INSDFeature_location>
            <INSDFeature_qual>
                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

                <INSDQualifier_value>other
DNA</INSDQualifier_value>

                </INSDQualifier>
                <INSDQualifier id="q36">

<INSDQualifier_name>organism</INSDQualifier_name>

                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                </INSDQualifier>
            </INSDFeature_qual>
        </INSDFeature>
    </INSDSeq_feature-table>

<INSDSeq_sequence>gaggtgcagcttcaggagtcaggacctggccttgtaaaccctcacagtcactctccctcacctgttctgtcactgattactccat
cactactattttctggggctggatccggaagttcccaggaaataaaatggagtggatgggatacatgagctaccgtggggcacttcctacaacccatctctcaa
gagtcgaatctccattactagagacacatcgaagaatcagttcttctgcagttgaactctgtaactactgaggacacagccacatattactgtgcaagatgcccta
actacggagggcattccctgtttttgattactggggccaaggagtcatgggtcacagtgctctca</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="37">
    <INSDSeq>
        <INSDSeq_length>10</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..10</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

                    <INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q37">

<INSDQualifier_name>organism</INSDQualifier_name>

                    <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                    </INSDQualifier>
                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>
    </INSDSeq>
</SequenceData>

```

```

        </INSDFeature>
      </INSDSeq_feature-table>
      <INSDSeq_sequence>DYSITTYFWG</INSDSeq_sequence>
    </INSDSeq>
  </SequenceData>
  <SequenceData sequenceIDNumber="38">
    <INSDSeq>
      <INSDSeq_length>9</INSDSeq_length>
      <INSDSeq_moltype>AA</INSDSeq_moltype>
      <INSDSeq_division>PAT</INSDSeq_division>
      <INSDSeq_feature-table>
        <INSDFeature>
          <INSDFeature_key>source</INSDFeature_key>
          <INSDFeature_location>1..9</INSDFeature_location>
          <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

          </INSDQualifier>
          <INSDQualifier id="q38">

<INSDQualifier_name>organism</INSDQualifier_name>

          <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>
    <INSDSeq_sequence>YMSYRGGTS</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="39">
  <INSDSeq>
    <INSDSeq_length>13</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..13</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

        </INSDQualifier>
      </INSDFeature_qual>
    </INSDFeature>
  </INSDSeq>

```

```

                                <INSDQualifier id="q39">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>CPNYGGHSLVFDY</INSDSeq_sequence>
                                </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="40">
    <INSDSeq>
        <INSDSeq_length>109</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..109</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                    </INSDQualifier>
                    <INSDQualifier id="q40">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>

<INSDSeq_sequence>DVQMTQSPSYLAASPGESVSISCKATKSISNYLAWYQQKPGEAYKVLISGSLQSGTPSRFSGSGSG
TDFTLTIRSLPEDFGLYSCQQYYEKPLTFGSGTKLEIKRA</INSDSeq_sequence>
                                </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="41">
    <INSDSeq>
        <INSDSeq_length>327</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>

```

```

<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..327</INSDFeature_location>
<INSDFeature_qual>
  <INSDQualifier>
    <INSDQualifier_name>mol_type</INSDQualifier_name>
    <INSDQualifier_value>other
  </INSDQualifier>
  <INSDQualifier id="q41">
    <INSDQualifier_name>organism</INSDQualifier_name>
    <INSDQualifier_value>Rattus
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>gatgtccagatgacccagtctccgtcttatcttgctgctgctcctggagaaagtgttccatcagttgcaaggcaactaagagcat
tagtaattatttagcctggtatcaacagaaacctggggaagcatataaggttcttatctattctgggtcaacttgcaatctggaactccatcaagggtcagtgga
gtggatctggtacagatttcactctcaccatcagaagcctggagcctgaagatttgactctattctctgcaacagtattatgaaaaaccgctcacgttcggtctg
ggaccaagctggagatcaaacgggct</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="42">
  <INSDSeq>
    <INSDSeq_length>11</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..11</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q42">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>Rattus
            </INSDQualifier>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>
  </INSDSeq>
</SequenceData>

```

```

        </INSDSeq_feature-table>
        <INSDSeq_sequence>KATKSISNYLA </INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="43">
    <INSDSeq>
        <INSDSeq_length>7</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..7</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q43">

<INSDQualifier_name>organism</INSDQualifier_name>

                    <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                    </INSDQualifier>
                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>
        <INSDSeq_sequence>SGSTLQS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="44">
    <INSDSeq>
        <INSDSeq_length>9</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..9</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q44">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>QQYYEKPLT</INSDSeq_sequence>
                            </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="45">
    <INSDSeq>
        <INSDSeq_length>121</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..121</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q45">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>

```

```

<INSDSeq_sequence>EVQLQESGPGLVKPSQSLTCSVTGYSTITYYWGWIWKFPNGKMEWMGYISYSGRTSYNPSLKSRM
SITRDASKNQFFLQLNSVTDDTATYYCARSPINHGGYWYFDFWPGTMVTVSS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="46">
    <INSDSeq>
        <INSDSeq_length>363</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>

```

```

<INSDFeature_location>1..363</INSDFeature_location>
<INSDFeature_qual>
  <INSDQualifier>
    <INSDQualifier_name>mol_type</INSDQualifier_name>
    <INSDQualifier_value>other
  </INSDQualifier>
  <INSDQualifier id="q46">
    <INSDQualifier_name>organism</INSDQualifier_name>
    <INSDQualifier_value>Rattus
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>gaggtgcagcttcaggagtcaggacctggccttgtaaaccctcacagtcactctccctcacctgttctgtcactggttactccat
cactacttattactggggctggatccggaagttcccaggaaataaaatggagtgatgggtacataagctacagtggtcgactagttataacccatctctcaa
aagtcgaatgtccattactagagacgcacgaagaatcagttcttctacagttgaactctgtaactactgacgacacagccacatattactgtgcaagatcccaa
ttaaccacggagggtactggtactttgacttctggggccagggaacctgggtaccgtgtcctca</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="47">
  <INSDSeq>
    <INSDSeq_length>10</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..10</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q47">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>Rattus
            </INSDQualifier>
          </INSDQualifier>
        </INSDFeature>
      </INSDSeq_feature-table>
    </INSDSeq>
  </SequenceData>
</INSDSeq>

```

```

        <INSDSeq_sequence>GYSITTYWG</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="48">
    <INSDSeq>
        <INSDSeq_length>9</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..9</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q48">

<INSDQualifier_name>organism</INSDQualifier_name>

                    <INSDQualifier_value>Rattus
norvegicus</INSDQualifier_value>

                    </INSDQualifier>
                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>
        <INSDSeq_sequence>YISYSGRTS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="49">
    <INSDSeq>
        <INSDSeq_length>13</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..13</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                    </INSDQualifier>
                    <INSDQualifier id="q49">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
norvegicus</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>SPINHGGYWYFDF</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="50">
  <INSDSeq>
    <INSDSeq_length>449</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..449</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q50">
            <INSDQualifier_name>note</INSDQualifier_name>
            <INSDQualifier_value>DNA comprising
DNA sequence coding for human light chain signalsequence and kappa chain constant
region</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..449</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>other
DNA</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q51">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>
  </INSDSeq>
</SequenceData>

```

<INSDSeq_sequence>gcctccggactctagagccaccatggtgctgcagaccagggtgtcatctcctgctgctgtggatctccggcgctacggcgga
tatcgtgatgattaaacgtacggtggccgccccctccgtgttcatcttccccctccgacgagcagctgaagtcggcgaccgcctccgtggtgtcctgctgaat
aacttctacccagagaggccaagggtgcagtggagggtggacaacgcctgcagtcgggaactcccaggagagcgtgaccgagcaggacagcaaggac
agcacctacagcctgagcagaccctgaccctgagcaaagccgactacgagaagcacaagggtgtacgcctgcgaggtgaccaccagggcctgagctccc
cgtcaccaagagcttcaacaggggggagtgtagggggcccggttaaacgggggaggcta</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="51">

<INSDSeq>

<INSDSeq_length>1132</INSDSeq_length>

<INSDSeq_moltype>DNA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>misc_feature</INSDFeature_key>

<INSDFeature_location>1..1132</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q52">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>DNA comprising

DNA sequence coding for human heavy chain signalsequence and IgG1 constant region</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..1132</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q53">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>gcctccggactctagagccaccatgaacacctgtgtgttcttctcctgctggtggcagctcccagatgggtgctgagccaggt
gcaattgtgcaggcggttagctcagcctccaagggccaagcgcttccccctggcaccctctccaagagcaccttggcggcacagccgctgggct
gcctggtcaaggactacttccccgaaccgtagcgtggaactcaggcgccctgaccagcggcgtgcacaccttccccgctgtcctgagtcctcagga
cttactccctcagcagcgtggtgaccgtgcctccagcagcttgggcacccagacctacatctgcaacgtgaatcacaagcccagcaacaccaagggtggacaa

gagagttgagcccaaattctgtgacaaaactcacacatgccaccctgccagcacctgaactcctggggggaccctcagtcttctcttcccccaaaacccaag
gacaccctcatgatctccggaccctgaggtcacatgctgtgtgtgtgacgtgagccacgaagaccctgaggtcaagttcaactggtacgtggacggcgtg
gaggtgcataatgccaagacaaagccccgggaggagcagtacaacagcacgtaccgggtgtcagcgtcctcaccgtctgcaccaggactggctgaatgg
caaggagtacaagtgaaggtctccaacaaagccctcccagccccatcgagaaaaccatctcaaagccaaaggcccccgggaaccacaggtgtacac
cctgcccccatccgggaggagatgaccaagaaccaggtcagcctgacctgctgtcaaaggcttctatcccagcgacatcgccgtggagtgggagagcaa
tgccagcccgagaacaactacaagaccaccctcccgctgtgactccgacggctccttctctctacagcaagctcaccgtggacaagagcaggtggcag
cagggcaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctccctgtctcccgcaaagtgatatcgggcccggtt
aaacgggggaggcta</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="52">

<INSDSeq>

<INSDSeq_length>749</INSDSeq_length>

<INSDSeq_moltype>DNA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>misc_feature</INSDFeature_key>

<INSDFeature_location>1..749</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q54">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>DNA comprising

DNA sequence coding for chG019 light chain</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..749</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q55">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>ccagcctccggactctagagccaccatggtgctgcagaccaggtgttcacagcctgctgctgtggatcagcggcgcctacg

gcgacatccagatgaccagagccctagcctgctgagcgccagcgtggcgatagagtgaccctgaactgcaaggccagccagaacatctacaagaacctg
gcctggtatcagcagaagctggcgagggccccaagctgctgatctacgacgccaacaccctgcagaccggcatcccagcagattttctggcagcggcagc
ggctccgacttcaccctgacaatcagcagcctgcagcccaggacgtggccacctactttgccagcagtactacagcggctgggccttcggcggcgtgacca
acctggaactgaagagagccgtggcgctccctccgtgttcattctccacctagcagcagcagctgaagtcggcacagcctctgtcgtgtgcctgctgaac
aacttctacccccgcgaggccaaggtgcagtgaaggtggacaatgcctgcagtctggaacagccaggaaagcgtgaccgagcaggacagcaaggact
ccacctacagcctgagcagcaccctgaccctgagcaaggccgactacgagaagcacaaggtgtacgcctgcgaagtgaccaccaggggcctgtctagccccg
tgaccaagagcttcaaccggggcgagtggttgagtttaaacgggggaggctaact</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="53">

<INSDSeq>

<INSDSeq_length>233</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>REGION</INSDFeature_key>

<INSDFeature_location>1..233</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q56">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>amino acid

sequesnce of chG019 light chain full-length</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..233</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q57">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>MVLQTQVFISLLLWISGAYGDIQMTQSPSLLSASVGDRVTLNCKASQNIYKNLAWYQQKLGEKPKLLI
YDANTLQTGIPSRFSGSGSGSDFLTISLQPEDVATYFCQQYYSGWAFGGVTNLELKRAVAAPSVFIFPPSDEQLKSGTASVVCL

LNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSTLTLKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC </INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="54">

<INSDSeq>

<INSDSeq_length>699</INSDSeq_length>

<INSDSeq_moltype>DNA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>misc_feature</INSDFeature_key>

<INSDFeature_location>1..699</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q58">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>nucleotide

sequence of chG019 light chain full-length</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..699</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q59">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>atggtgctgcagaccaggtgttcacagcctgctgctggtgatcagcggcgccctacggcgacatccagatgaccagagcc
ctagcctgctgagcgcagcgtggcgatagagtgacctgaactgaaggccagccagaacatctacaagaacctggcctggtatcagcagaagctgggc
gagggcccaagctgctgatctacgacgccaacacctgcagaccggcatcccagcagattttctggcagcggcagcggctccgactcacctgacaatca
gcagcctgcagcccaggagcgtggccacctacttttgccagcagtactacagcggctgggccttcggcggcgtgaccaacctggaactgaagagagccgtg
gccgctccctccgtgttcacatctccacctagcgacgagcagctgaagtccggcacagcctctgtcgtgtgctgtgaacaacttctacccccgcgagggccaag
gtgcagtgaaggtggacaatgccctgcagtctggcaacagccaggaaagcgtgaccgagcaggacagcaaggactccacctacagcctgagcagcacc
tgacctgagcaaggccgactacgagaagcacaagggtgtacgcctgcgaagtgaccaccagggcctgtctagccccgtgaccaagagctcaaccggggc

```

gagtgt</INSDSeq_sequence>
      </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="55">
      <INSDSeq>
        <INSDSeq_length>324</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
          <INSDFeature>
            <INSDFeature_key>misc_feature</INSDFeature_key>
            <INSDFeature_location>1..324</INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier id="q60">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>nucleotide
sequence of chG019 light chain variable region</INSDQualifier_value>
                                </INSDQualifier>
                              </INSDFeature_qual>
          </INSDFeature>
          <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..324</INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
                                <INSDQualifier_value>other
DNA</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q61">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                              </INSDFeature_qual>
          </INSDFeature>
        </INSDSeq_feature-table>

<INSDSeq_sequence>gacatccagatgacccagagccctagcctgctgagcgccagcggtggcgatagagtgaccctgaactgcaaggccagccag
aacatctacaagaacctggcctggtatcagcagaagctggcgaggggcccaagctgctgatctacgagccaacaccctgcagaccggcatccccagcaga
tttctggcagcggcagcggtccgacttcaccctgacaatcagcagcctgcagcccaggacgtggccacactctttgccagcagtactacagcggctgggc
cttcggcggcgtgaccaacctggaactgaagagagcc</INSDSeq_sequence>
      </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="56">
      <INSDSeq>

```

```

        <INSDSeq_length>471 </INSDSeq_length>
        <INSDSeq_moltype>AA </INSDSeq_moltype>
        <INSDSeq_division>PAT </INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>REGION </INSDFeature_key>
                <INSDFeature_location>1..471 </INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q62">

<INSDQualifier_name>note </INSDQualifier_name>
                                <INSDQualifier_value>amino acid
sequence of chG019 heavy chain full-length </INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
            </INSDFeature>
            <INSDFeature>
                <INSDFeature_key>source </INSDFeature_key>
                <INSDFeature_location>1..471 </INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type </INSDQualifier_name>

<INSDQualifier_value>protein </INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q63">

<INSDQualifier_name>organism </INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct </INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>

<INSDSeq_sequence>MKHLWFFLLLVAAPRWVLSQVQLQQSGAELVKPGSSVKISCKASGYTFRNFMHWIKQQPGNGLE
WIGWIYPGDGETEYNQKFNGKATLTADRSSSTAYMELSRLTSEDSAVYFCARGVYGGFAGGYFDWVGQGMVTVSSASTKGP
SVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSN
TKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR
EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFSCSVMHEALHNHYTQKSLSLSPGK </INSDSeq_seq
uence>
        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="57">
        <INSDSeq>
            <INSDSeq_length>1413 </INSDSeq_length>
            <INSDSeq_moltype>DNA </INSDSeq_moltype>

```

```

<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
  <INSDFeature>
    <INSDFeature_key>misc_feature</INSDFeature_key>
    <INSDFeature_location>1..1413</INSDFeature_location>
    <INSDFeature_qual>
      <INSDQualifier id="q64">

<INSDQualifier_name>note</INSDQualifier_name>
      <INSDQualifier_value>nucleotide
sequence of chG019 heavy chain full-length</INSDQualifier_value>
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
  <INSDFeature>
    <INSDFeature_key>source</INSDFeature_key>
    <INSDFeature_location>1..1413</INSDFeature_location>
    <INSDFeature_qual>
      <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
      <INSDQualifier_value>other
DNA</INSDQualifier_value>
    </INSDQualifier>
    <INSDQualifier id="q65">

<INSDQualifier_name>organism</INSDQualifier_name>
      <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>atgaaacacctgtggttcttctctgctggtggcagctcccagatgggtgctgagccaggtgcagctgcagcagcttgccgc
cgagctcgtgaagcctggcagcagcgtgaagatcagctgcaaggccagcggctacacctcaccggaacttcagcactggatcaagcagcagccggca
acggcctggaatggatcggtgatctatcccggcgacggcgagacagagtacaaccagaagttcaacggcaaggccacacctgaccgccagacaagcag
ctccaccgcctacatggaactgagccggctgaccagcgaggacagcgccgtgtacttttgcgcagaggcggtgtacggcggttcgctggcggtacttcgat
tttggggccaggcggtgatggtcaccgtcagctcagctccaccaagggcccaagcgttccccctggcacctcctcaagagcaccttgccggcacagc
cgccctgggctgctggtcaaggactactccccgaaccgtgaccgtgagctggaactcaggcgccctgaccagcggtgcacacctccccgtgtcctgc
agtctcaggacttactccctcagcagcgtggtgaccgtgccctcagcagcttgggcaccagacctacatctgcaacgtgaatcacaagcccagcaacacc
aaggtggacaagagagttgagcccaaatctgtgacaaaactcacacatgccacacctgccagcacctgaactcctggggggaccctcagttcttctcccc
ccaaaaccgaaggacacctcatgatctcccggaacctgaggtcacatgcgtggtggtggacgtgagccacgaagacctgaggtcaagttcaactggtacg
tgagcggcgtggaggtgcataatgcaagacaaagccccgggaggagcagtaacagcacgtaccgggtggtcagcgtcctcaccgtcctgcaccagga
ctggctgaatggcaaggagtacaagtgaaggtctcaacaaagccctccagccccatcgagaaaacctctcaaagccaaaggccagccccgggaacc
acaggtgtacacctgccccatccccggaggagatgaccaagaaccaggtcagcctgacctgctggtcaaaaggcttctatcccagcgacatcgccgtgga
gtgggagagcaatggccagcccagaaactacaagaccacctccgtgctggtgactccgacggctccttctctctacagcaagctcaccgtggacaag
agcaggtggcagcagggcaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctcctgtctcccggaacaa</INS
DSeq_sequence>

```

```

        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="58">
        <INSDSeq>
            <INSDSeq_length>122</INSDSeq_length>
            <INSDSeq_moltype>AA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>
            <INSDSeq_feature-table>
                <INSDFeature>
                    <INSDFeature_key>REGION</INSDFeature_key>
                    <INSDFeature_location>1..122</INSDFeature_location>
                    <INSDFeature_qual>
                        <INSDQualifier id="q66">
                            <INSDQualifier_name>note</INSDQualifier_name>
                            <INSDQualifier_value>amino acid
sequence of chG019 heavy chain variable region</INSDQualifier_value>
                        </INSDQualifier>
                    </INSDFeature_qual>
                </INSDFeature>
                <INSDFeature>
                    <INSDFeature_key>source</INSDFeature_key>
                    <INSDFeature_location>1..122</INSDFeature_location>
                    <INSDFeature_qual>
                        <INSDQualifier>
                            <INSDQualifier_name>mol_type</INSDQualifier_name>
                            <INSDQualifier_value>protein</INSDQualifier_value>
                        </INSDQualifier>
                        <INSDQualifier id="q67">
                            <INSDQualifier_name>organism</INSDQualifier_name>
                            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                        </INSDQualifier>
                    </INSDFeature_qual>
                </INSDFeature>
            </INSDSeq_feature-table>

            <INSDSeq_sequence>QVQLQQSGAELVKPGSSVKISCKASGYTFTRNFMHWIKQQPGNGLEWIGWIYPGDGETEYNQKFN
GKATLTADRSSSTAYMELSRLTSEDSAVYFCARGVYGGFAGGYDFWVGQGMVTVSS</INSDSeq_sequence>
        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="59">
        <INSDSeq>
            <INSDSeq_length>366</INSDSeq_length>
            <INSDSeq_moltype>DNA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>

```

```

        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>misc_feature</INSDFeature_key>
                <INSDFeature_location>1..366</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q68">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>nucleotide
sequence of chG019 heavy chain variable region</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
            </INSDFeature>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..366</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
                                <INSDQualifier_value>other
DNA</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q69">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>

<INSDSeq_sequence>caggtgcagctgcagcagctctggcgccgagctcgtgaagcctggcagcagcgtgaagatcagctgaaggccagcggcta
caccttcacccggaacttcactgatcaagcagcagcccggaacggcctggaatggatcggtgatctatcccgcgacggcgagacagagtacaa
ccagaagttcaacggcaaggccaccctgaccgcccagacagaagcagctccaccgctacatggaactgagccggctgaccagcgaggacagcgccgtgtact
tttgcgccagaggcggtgtacggcggtctcgctggcggtacttcgattttggggccagggcggtgatggtcaccgtcagctca</INSDSeq_sequence>
>
        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="60">
        <INSDSeq>
            <INSDSeq_length>10</INSDSeq_length>
            <INSDSeq_moltype>AA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>
            <INSDSeq_feature-table>
                <INSDFeature>
                    <INSDFeature_key>REGION</INSDFeature_key>
                    <INSDFeature_location>1..10</INSDFeature_location>

```

```

<INSDFeature_qual>
  <INSDQualifier id="q70">

<INSDQualifier_name>note</INSDQualifier_name>
  <INSDQualifier_value>amino acid
sequesnce of chG019 CDRH2</INSDQualifier_value>
  </INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..10</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
  </INSDQualifier>
  <INSDQualifier id="q71">

<INSDQualifier_name>organism</INSDQualifier_name>
  <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
  </INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>WIYPGDGETE</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="61">
  <INSDSeq>
    <INSDSeq_length>233</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..233</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q72">

<INSDQualifier_name>note</INSDQualifier_name>
  <INSDQualifier_value>amino acid
sequesnce of hL02 light chain full-length</INSDQualifier_value>
  </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>

```

```

        <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..233</INSDFeature_location>
            <INSDFeature_qual>
                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

                </INSDQualifier>
                <INSDQualifier id="q73">

<INSDQualifier_name>organism</INSDQualifier_name>

                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>

                </INSDQualifier>
            </INSDFeature_qual>
        </INSDFeature>
    </INSDSeq_feature-table>

<INSDSeq_sequence>MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDRVTITCKASQNIYKNLAWYQQKPGKAPKLLI
YDANTLQTGVPSRFSGSGSGSDFLTISLQPEDFATYFCQQYYSGWAFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCL
LNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSTLTLTKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC</INS
DSeq_sequence>
        </INSDSeq>
    </SequenceData>
    <SequenceData sequenceIDNumber="62">
        <INSDSeq>
            <INSDSeq_length>699</INSDSeq_length>
            <INSDSeq_moltype>DNA</INSDSeq_moltype>
            <INSDSeq_division>PAT</INSDSeq_division>
            <INSDSeq_feature-table>
                <INSDFeature>
                    <INSDFeature_key>misc_feature</INSDFeature_key>
                    <INSDFeature_location>1..699</INSDFeature_location>
                    <INSDFeature_qual>
                        <INSDQualifier id="q74">

<INSDQualifier_name>note</INSDQualifier_name>

                        <INSDQualifier_value>nucleotide
sequesnce of hL02 light chain full-length</INSDQualifier_value>

                        </INSDQualifier>
                    </INSDFeature_qual>
                </INSDFeature>
                <INSDFeature>
                    <INSDFeature_key>source</INSDFeature_key>
                    <INSDFeature_location>1..699</INSDFeature_location>
                    <INSDFeature_qual>
                        <INSDQualifier>

```

DNA</INSDQualifier value>

<INSDQualifier_value>other

</INSDQualifier>

<INSDQualifier id="q75">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>atggtgctgcagaccaggtgttcattctcctgctgctgtggaatctccggcgctacggcgacatccagatgaccagagccct
agcagcctgagcgccagcggtggcgacagagtaccatcacatgaaggccagccagaacatctacaagaacctggcctggtatcagcagaagccggca
aggccccaagctgctgatctacgacgccaacacctgcagaccggcggtgccagcagattttctggcagcggcagcggctccgacttcacctgacaatcag
cagcctgcagcccagaggacttcgccacctacttttgcagcagctactacagcggctgggccttcggccagggcaccaaggtggaataagcgtagcgtggc
cgccccctccgtgttcattctccccctccgacgagcagctgaagtccggcaccgcctccgtggtgtgctgctgtaataacttctaccagagaggccaaggt
gcagtggaaggtggacaacgccttcagctccgggaactcccaggagagcgtgaccgagcaggacagcaaggacagcacctacagcctgagcagcacct
gacctgagcaaagccgactacgagaagcacaaggtgtacgcctgcgaggtgaccaccagggcctgagctccccgtcaccaagagcttcaacaggggg
gagtggt</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="63">

<INSDSeq>

<INSDSeq_length>108</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq feature-table>

<INSDFeature>

<INSDFeature_key>REGION</INSDFeature_key>

<INSDFeature location>1..108</INSDFeature location>

<INSDFeature_qual>

<INSDQualifier id="q76">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier value>amino acid

sequence of hL02 light chain variable region</INSDQualifier value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature location>1..108</INSDFeature location>

<INSDFeature_qual>

<INSDQualifier>

```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q77">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>DIQMTQSPSSLSASVGDRVTITCKASQNIYKNLAWYQQKPGKAPKLLIYDANTLQTGVPSRFSGSGS
GSDFTLTISLQPEDFATYFCQQYYSGWAFGQGTKVEIKRT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="64">
  <INSDSeq>
    <INSDSeq_length>324</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..324</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q78">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>nucleotide
sequesnce of hL02 light chain variable region</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..324</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>other
DNA</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q79">

<INSDQualifier_name>organism</INSDQualifier_name>

```

```
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>
      </INSDQualifier>
    </INSDFeature_qual>
  </INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>gacatccagatgacccagagccctagcagcctgagcgccagcgtgggcgacagagtgaccatcacatgcaaggccagcca
gaacatctacaagaacctggcctggtatcagcagaagcccggcaaggccccaaagtgtgatctacgacgccaacaccctgcagaccggcgtgccagcag
attttctggcagcggcagcggctccgacttcaccctgacaatcagcagcctgcagcccaggacttcgccactacttttgccagcagtactacagcggctggg
ccttcggccagggcaccaaggtggaaatcaagcgtacg</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="65">
  <INSDSeq>
    <INSDSeq_length>233</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..233</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q80">
            <INSDQualifier_name>note</INSDQualifier_name>
              <INSDQualifier_value>amino acid
sequesnce of hL03 light chain full-length</INSDQualifier_value>
                </INSDQualifier>
              </INSDFeature_qual>
            </INSDFeature>
          </INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..233</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
              <INSDQualifier_value>protein</INSDQualifier_value>
                </INSDQualifier>
              <INSDQualifier id="q81">
                <INSDQualifier_name>organism</INSDQualifier_name>
                  <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                    </INSDQualifier>
                  </INSDFeature_qual>
                </INSDFeature>
```

</INSDSeq_feature-table>

<INSDSeq_sequence>MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDRVTITCKASQNIYKNLAWYQQKLGEGPKLLI
YDANTLQTGVPSRFSGSGSGTDFTLTISSLQPEDFATYYCQQYYSGWAFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCL
LNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSTLTLTKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC</INS
DSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="66">

<INSDSeq>

<INSDSeq_length>699</INSDSeq_length>

<INSDSeq_moltype>DNA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>misc_feature</INSDFeature_key>

<INSDFeature_location>1..699</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q82">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>nucleotide

sequesnce of hL03 light chain full-length</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..699</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q83">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>atgggtgctgcagacccaggtgttcatctccctgctgctgtggatctccggcgctacggcgacatccagatgacccagagccct
agcagcctgagcgccagcgtgggacagagtgacctcacatgcaaggccagcagaacctctacaagaacctggcctggtatcagcagaagctgggag
agggcccaagctgctgatctacgacgccaacacctgcagaccggcgtgccagcagatttctggcagcgctccggcaccgacttcacctgacaatcag

cagcctgcagcccgaggacttcgccactactactgccagcagtactacagcggctgggcctttggccagggcaccaaggtggaaatcaagcgtagcgggtggc
cgccccctccgtgttcattctccccctccgacgagcagctgaagtcgggcaccgcctccgtggtgtgcctgctgaataacttctacccagagaggccaaggt
gcagtggaggtggacaacgcctgcagtccgggaactcccaggagagcgtgaccgagcaggacagcaaggacagcacctacagcctgagcagcaccct
gaccctgagcaaagccgactacgagaagcacaaggtgtacgcctgcgaggtgacccaccagggcctgagctccccgtcaccaagagcttcaacaggggg
gagtgt</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="67">

<INSDSeq>

<INSDSeq_length>108</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>REGION</INSDFeature_key>

<INSDFeature_location>1..108</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q84">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>amino acid

sequesnce of hL03 light chain variable region</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..108</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q85">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

</INSDSeq_feature-table>

<INSDSeq_sequence>DIQMTQSPSSLSASVGDRVITCKASQNIYKNLAWYQQKLGEGPKLLIYDANTLQTVPSRFRSGSGSG
TDFTLTISLQPEDFATYYCQQYYSGWAFGQGTKVEIKRT</INSDSeq_sequence>

</INSDSeq>

</SequenceData>

```

<SequenceData sequenceIDNumber="68">
  <INSDSeq>
    <INSDSeq_length>324</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..324</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q86">

            <INSDQualifier_name>note</INSDQualifier_name>
            <INSDQualifier_value>nucleotide
sequesnce of hL03 light chain variable region</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..324</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>

            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>other
DNA</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q87">

            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>

    <INSDSeq_sequence>gacatccagatgaccagagccctagcagcctgagcgccagcggtggcgacagagtgaccatcacatgcaaggccagcca
gaacatctacaagaacctggcctggtatcagcagaagctggcgagggccccaagctgctgatctacgacgccaacacctgcagaccggcgtgccagca
gattttctggcagcggctccggcaccgacttcaccctgacaatcagcagcctgcagcccaggacttcgccacctactactgccagcagtactacagcggctgg
gcctttggccagggcaccaaggtggaaatcaagcgtagc</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="69">
  <INSDSeq>
    <INSDSeq_length>471</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>

```

```

        <INSDSeq_feature-table>
          <INSDFeature>
            <INSDFeature_key>REGION </INSDFeature_key>
            <INSDFeature_location>1..471 </INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier id="q88">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>amino acid
sequence of hH01 heavy chain full-length</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
          </INSDFeature>
          <INSDFeature>
            <INSDFeature_key>source</INSDFeature_key>
            <INSDFeature_location>1..471 </INSDFeature_location>
            <INSDFeature_qual>
              <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q89">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
          </INSDFeature>
        </INSDSeq_feature-table>

<INSDSeq_sequence>MKHLWFFLLVAAPRWVLSEVQLVQSGAEVKKPGASVKVSCKASGYTFTTRNFMHWVRQAPGQGLE
WMGWITPGDGETEYAQKFQGRVTITADTSTSTAYMELSSLRSEDTAVYYCARGVYGGFAGGYFDWVGQGLTVTVSSASTKGP
SVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSN
TKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR
EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</INSDSeq_seq
uence>
    </INSDSeq>
  </SequenceData>
  <SequenceData sequenceIDNumber="70">
    <INSDSeq>
      <INSDSeq_length>1413</INSDSeq_length>
      <INSDSeq_moltype>DNA</INSDSeq_moltype>
      <INSDSeq_division>PAT</INSDSeq_division>
      <INSDSeq_feature-table>
        <INSDFeature>

```

```

        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..1413</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier id="q90">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>nucleotide
sequence of hH01 heavy chain full-length</INSDQualifier_value>
                                </INSDQualifier>
        </INSDFeature_qual>
    </INSDFeature>
    <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..1413</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
                                <INSDQualifier_value>other
DNA</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q91">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
        </INSDFeature>
    </INSDSeq_feature-table>

<INSDSeq_sequence>atgaaacacctgtggttcttctctgctggtggcagctcccagatgggtgctgagcgaagtgcagctggtgcagtctggcgc
cgaagtgaagaaaccaggcgccagcgtgaaggtgtctgcaaggccagcgctacacctttaccggaactcatgactgggtgcgccaggctccaggcc
agggactggaatggatgggtggtgatctatcccgcgacggcgagacagagtacgcccagaaattccagggcagagtaccatcaccgccgacaccagcac
ctccaccgcctacatggaactgagcagcctgcggagcgaggacaccgccgtgtactattgtgccagaggcgtgtacggcggttcgctggcggctacttcgat
tttggggccagggcaccctcgtgaccgtcagctcagcctccaccaagggccaaagcgtcttccccctggcaccctcctcaagagcacctctggcggcacagc
cgccctgggtgctggtcaaggactactccccgaaccctgacccgtgagctggaactcaggcgccctgaccagcggcgtgcacaccttccccgtgtcctgc
agtcctcaggacttactccctcagcagcgtggtgaccgtgccctccagcagcttgggcaccagacctacatctgcaacgtgaatcacagcccagcaacacc
aaggtggacaagagagttgagcccaaatcttgtagaaaaactcacacatgccaccctgccagcacctgaactcctggggggaccctcagttctcttcccc
ccaaaaccaaggacaccctcatgatctccggaccctgaggtcacatgctggtggtggacgtgagccacgaagaccctgaggtcaagttcaactggtacg
tgagcggcgtggaggtgcataatgccaagacaaagccccgggaggagcagtacaacagcacgtaccgggtggtcagcgtcctcaccgtcctgcaccagga
ctggctgaatggcaaggagtacaagtgcaaggttccaacaaagccctcccagccccatcgagaaaacctctcaaagccaaaggccagccccgggaacc
acaggtgtacaccctgccccatcccgaggagatgaccaagaaccaggtcagcctgacctgctggtcaaaggcttctatccagcgacatgcgcgtgga
gtgggagagcaatggccagcccgagaacaactacaagaccaccctcccgtgctggtcgcagcggtccttcttctctacagcaagctcaccgtggacaag
agcaggtggcagcagggaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctcctgtctcccgcaaaa</INS
DSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="71">

```

```

<INSDSeq>
  <INSDSeq_length>122</INSDSeq_length>
  <INSDSeq_moltype>AA</INSDSeq_moltype>
  <INSDSeq_division>PAT</INSDSeq_division>
  <INSDSeq_feature-table>
    <INSDFeature>
      <INSDFeature_key>REGION</INSDFeature_key>
      <INSDFeature_location>1..122</INSDFeature_location>
      <INSDFeature_qual>
        <INSDQualifier id="q92">
          <INSDQualifier_name>note</INSDQualifier_name>
          <INSDQualifier_value>amino acid
sequence of hH01 heavy chain variable region</INSDQualifier_value>
        </INSDQualifier>
      </INSDFeature_qual>
    </INSDFeature>
    <INSDFeature>
      <INSDFeature_key>source</INSDFeature_key>
      <INSDFeature_location>1..122</INSDFeature_location>
      <INSDFeature_qual>
        <INSDQualifier>
          <INSDQualifier_name>mol_type</INSDQualifier_name>
          <INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q93">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="72">
  <INSDSeq>
    <INSDSeq_length>366</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>

```

```

<INSDFeature_location>1..366</INSDFeature_location>
<INSDFeature_qual>
  <INSDQualifier id="q94">
    <INSDQualifier_name>note</INSDQualifier_name>
    <INSDQualifier_value>nucleotide
sequence of hH01 heavy chain variable region</INSDQualifier_value>
  </INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..366</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>
      <INSDQualifier_name>mol_type</INSDQualifier_name>
      <INSDQualifier_value>other
DNA</INSDQualifier_value>
    </INSDQualifier>
    <INSDQualifier id="q95">
      <INSDQualifier_name>organism</INSDQualifier_name>
      <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
    </INSDQualifier>
  </INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>gaagtgcagctggtgcagctctggcgccgaagtgaagaaccaggcgccagcgtgaagggtgtcctgcaaggccagcggcta
cacctttaccggaacttcactgcactgggtgcgccaggctccaggccagggactggaatgtagggctggatctatcccggcgacggcgagacagagtacg
cccagaaattccagggcagagtgaccatcaccgcccagaccagcacctccaccgctacatggaactgagcagcctgcggagcgaggacaccgccgtgtact
attgtgccagaggcgtgtacggcggttcgctggcggtacttcgattttggggccagggcaccctcgtgaccgtcagctca</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="73">
  <INSDSeq>
    <INSDSeq_length>471</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..471</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q96">
            <INSDQualifier_name>note</INSDQualifier_name>

```

```

sequence of hH02 heavy chain full-length</INSDQualifier_value>
<INSDQualifier_value>amino acid
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..471</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q97">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic
construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>MKHLWFFLLLVAAPRWVLSEVQLVQSGAEVKKPGASVKVSCKASGYTFRNFMHWVRQAPGQGLE
WMGWIYPGDGETEYNQKFQGRVTITADRSTSTAYMELSSLRSEDNAVYFCARGVYGGFAGGYDFWGGQGLTVTVSSASTKGP
SVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSN
TKVDKRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR
EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</INSDSeq_seq
uence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="74">
  <INSDSeq>
    <INSDSeq_length>1413</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..1413</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q98">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>nucleotide
sequence of hH02 heavy chain full-length</INSDQualifier_value>

```

```

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..1413</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>
<INSDQualifier id="q99">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic

construct</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>atgaaacacctgtggttcttctctgctggtggcagctcccagatgggtgctgagcgaagtgcagctggtgcagtctggcgc
cgaagtgaagaaaccaggcgccagcgtgaaggtgtcctgcaaggccagcgctacacctttaccggaacttcagtcactgggtgcgccaggctccaggcc
agggactggaatggatgggtggtatctatcccggcgacggcgagacagagtacaaccagaaattccagggcagagtgcacatcaccgccgacagaagcac
cagcaccgcctacatggaactgagcagcctgcggagcgaggataccgccgtgtacttctgtgccagaggcggtgtacggcggttcgctggcggtacttcga
ttttggggccagggcacacctgtagcctcagctcagcctccaccaagggccaagcgtcttcccctggcaccctcctcaagagcacctctggcggcacag
ccgacctgggtgctggtgaaggactactccccgaacccgtgaccgtgagctggaactcaggcgccctgaccagcggcggtgcacacctccccgctgtcctg
cagtcctcaggacttactccctcagcagcgtggtgaccgtgccctccagcagcttgggacccagacctacatctgcaacgtgaatcacaagcccagcaaac
caaggtggacaagagagttgagccaaatcttgtagaaaaactcacatgcccaccctgccagcacctgaactcctggggggaccctcagcttctcttccc
ccaaaaccaaggacacccctcatgatctcccgaccctgaggtcacatgctggtggtggagctgagccacgaagaccctgaggtcaagttcaactggtac
gtggacggcggtggaggtgcataatgccaagacaaagccccgggaggagcagtagaacagcaggtaccgggtggtcagcgctcctcaccgtcctgcaccagg
actggtgaatggcaaggagtacaagtgcaaggtctcaacaaagccctccagccccatcgagaaaaccatctcaaagccaaaggccagccccgggaac
cacaggtgtacacctgccccatcccgaggagatgaccaagaaccagggtcagcctgacctgctgtcaaaggcttctatcccagcgacatcgccgtgga
gtgggagagcaatggccagcccgagaaactacaagaccacccctcccggtgctggactccgacggctccttctctctacagcaagctcaccgtggacaag
agcaggtggcagcagggcaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctcctgtctcccggcaaa</INS
DSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="75">
  <INSDSeq>
    <INSDSeq_length>122</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..122</INSDFeature_location>

```

```

        <INSDFeature_qual>
            <INSDQualifier id="q100">
                <INSDQualifier_name>note</INSDQualifier_name>
                <INSDQualifier_value>amino acid
sequence of hH02 heavy chain variable region</INSDQualifier_value>
            </INSDQualifier>
        </INSDFeature_qual>
    </INSDFeature>
    <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..122</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier>
                <INSDQualifier_name>mol_type</INSDQualifier_name>
                <INSDQualifier_value>protein</INSDQualifier_value>
            </INSDQualifier>
            <INSDQualifier id="q101">
                <INSDQualifier_name>organism</INSDQualifier_name>
                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
            </INSDQualifier>
        </INSDFeature_qual>
    </INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>EVQLVQSGAEVKKPGASVKVSCKASGYTFRNFMHWVRQAPGQGLEWMGWIYPGDGETEYNQKF
QGRVTITADRSTSTAYMELSSLRSEDTAVYFCARGVYGGFAGGYFDWVGQGLTVTVSS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="76">
    <INSDSeq>
        <INSDSeq_length>366</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>misc_feature</INSDFeature_key>
                <INSDFeature_location>1..366</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q102">
                        <INSDQualifier_name>note</INSDQualifier_name>
                        <INSDQualifier_value>nucleotide
sequence of hH02 heavy chain variable region</INSDQualifier_value>
                    </INSDQualifier>
                </INSDFeature_qual>
            </INSDFeature>
        </INSDSeq_feature-table>
    </INSDSeq>
</SequenceData>

```

```

        </INSDFeature_qual>
    </INSDFeature>
    <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..366</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

                                <INSDQualifier_value>other
DNA</INSDQualifier_value>

                                </INSDQualifier>
                                <INSDQualifier id="q103">

<INSDQualifier_name>organism</INSDQualifier_name>

                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>

                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>

<INSDSeq_sequence>gaagtgcagctggtgcagctcggcgccgaagtgaagaaccaggcgccagcgtgaagggtgcctgcaaggccagcggtacaccttaccggaacttcactgggtgcgcaggctccaggccagggactggaatggatgggctggatctatcccggcgacggcgagacagagtacaccagaaattccagggcagagtgaccatcaccgcccagacaagcaccagcaccgcctacatggaactgagcagcctgcggagcgaggataccgccgtgtactctgtccagaggcgtgtacggcggcttcgctggcggctacttcgattttggggccaggggcaccctcgtgaccgtcagctca</INSDSeq_sequence>
>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="77">
    <INSDSeq>
        <INSDSeq_length>471</INSDSeq_length>
        <INSDSeq_moltype>AA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>REGION</INSDFeature_key>
                <INSDFeature_location>1..471</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q104">

<INSDQualifier_name>note</INSDQualifier_name>

                                <INSDQualifier_value>amino acid
sequesnce of hH04 heavy chain full-length</INSDQualifier_value>

                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                <INSDFeature>
                                    <INSDFeature_key>source</INSDFeature_key>

```

```

<INSDFeature_location>1..471</INSDFeature_location>
<INSDFeature_qual>
  <INSDQualifier>
    <INSDQualifier_name>mol_type</INSDQualifier_name>
    <INSDQualifier_value>protein</INSDQualifier_value>
  </INSDQualifier>
  <INSDQualifier id="q105">
    <INSDQualifier_name>organism</INSDQualifier_name>
    <INSDQualifier_value>synthetic
  </INSDQualifier>
  <INSDQualifier_value>construct</INSDQualifier_value>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>MKHLWFFLLLVAAPRWVLSQVQLVQSGAEVKKPGASVKVSCKASGYTFTTRNFMHWIRQAPGQGLE
WMGWITPGDGETEYAQKFQGRVTLTADRSTSTAYMELSSLRSEDNAVYYCARGVYGGFAGGYFDWGGQTLTVSSASTKGP
SVFPLAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGTQTYICNVNHKPSN
TKVDKRVEPKCDKHTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPR
EEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDI
AVEWESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</INSDSeq_seq
uence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="78">
  <INSDSeq>
    <INSDSeq_length>1413</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..1413</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q106">
            <INSDQualifier_name>note</INSDQualifier_name>
            <INSDQualifier_value>nucleotide
          </INSDQualifier>
          <INSDQualifier_value>sequesnce of hH04 heavy chain full-length</INSDQualifier_value>
        </INSDQualifier>
      </INSDFeature>
    </INSDFeature>
  </INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..1413</INSDFeature_location>
  <INSDFeature_qual>

```

```

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>other
DNA</INSDQualifier_value>

</INSDQualifier>
<INSDQualifier id="q107">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>atgaaacacctgtggttcttctctgctggtggcagctcccagatgggtgctgagccaggtgcagctggtgcagtctggcg
cgaagtgaagaaaccaggcgccagcgtgaaggtgtctgcaaggccagcggctacaccttaccggaactcatgactggatccggcaggccctggaca
gggcctggaatggatgggtggtatctatcccgcgacggcgagacagagtacgccagaaattccagggcagagtaccctgaccgccagagaagcacc
agcaccgcctacatggaactgagcagcctgcggagcgaggacaccgctgtactattgtgccagaggcgtgtacggcggttcgctggcggtacttcgat
tttgggggccagggcaccctcgtgaccgtcagctcagcctccaccaagggccaaagcgtcttccccctggcaccctcctcaagagcacctctggcggcacagc
cgccctgggtgctgctggtcaaggactactccccgaaccgtgaccgtgagctggaactcaggcgccctgaccagcggcgtgcacacctccccgctgctctgc
agtcctcaggacttactccctcagcagcgtggtgaccgtgcctccagcagcttggtggcaccagacctacatctgcaacgtgaatcacaagcccagcaacacc
aaggtggacaagagagttgagcccaaatctgtgacaaaactcacacatgccaccctgccagcacctgaactcctggggggaccctcagcttctcttcccc
ccaaaaccaaggacaccctcatgatctccggaccctgaggtcacatgcgtggtggtggacgtgagccacgaagaccctgaggtcaagttcaactggtacg
tgacggcgtggaggtgcataatgccaagacaaagccccgggaggagcagtacaacagcacgtaccgggtggtcagcgtcctcacgtcctgcaccagga
ctggctgaatggcaaggagtacaagtgcaaggtctcaacaaagccctcccagccccatcgagaaaaacctctccaaaggccaaaggccagccccgggaacc
acaggtgtacacctgccccatcccgaggagatgaccaagaaccaggtcagcctgacctggtgtaaaaggcttctatcccagcgacatcgccgtgga
gtgggagagcaatggccagcccgagaacaactacaagaccaccctcccgctgctggactccgacggctccttctctctacagcaagctcacgtggacaag
agcaggtggcagcagggaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctcctgtctccggcaaa</INS
DSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="79">
<INSDSeq>
<INSDSeq_length>122</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>REGION</INSDFeature_key>
<INSDFeature_location>1..122</INSDFeature_location>
<INSDFeature_qual>
<INSDQualifier id="q108">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>amino acid
sequesnce of hH04 heavy chain variable region</INSDQualifier_value>
</INSDQualifier>

```

```

        </INSDFeature_qual>
    </INSDFeature>
    <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..122</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>

            </INSDQualifier>
            <INSDQualifier id="q109">

<INSDQualifier_name>organism</INSDQualifier_name>

            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>

            </INSDQualifier>
        </INSDFeature_qual>
    </INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>QVQLVQSGAEVKKPGASVKVSCKASGYTFTRNFMHWIRQAPGQGLEWMGWIYPGDGETEYAQKF
QGRVTLTADRSTSTAYMELSSLRSED TAVYYCARGVYGGFAGGYFD FWGQGT LVT VSS</INSDSeq_sequence>
    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="80">
    <INSDSeq>
        <INSDSeq_length>366</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>misc_feature</INSDFeature_key>
                <INSDFeature_location>1..366</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q110">

<INSDQualifier_name>note</INSDQualifier_name>

                    <INSDQualifier_value>nucleotide
sequesnce of hH04 heavy chain variable region</INSDQualifier_value>

                </INSDQualifier>
            </INSDFeature_qual>
        </INSDFeature>
    <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..366</INSDFeature_location>
        <INSDFeature_qual>
            <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>other
DNA</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q111">
<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>caggtgcagctggtgcagctctggcgccgaagtgaagaaaccaggcgccagcgtgaaggtgtcctgcaaggccagcggcta
cacctttaccggaacttcactgcactggatccggcaggccctggacagggcctggaatggatgggctggatctatccggcgacggcgagacagagtacgc
ccagaaattccagggcagagtgacctgaccgcccagacaagcaccagcaccgcctacatggaactgagcagcctgcggagcgaggacaccgccgtgtact
attgtgccagaggcggtgtacggcggcttcgtggcggtacttcgattttggggccagggcaccctcgtgaccgtcagctca</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="81">
<INSDSeq>
<INSDSeq_length>235</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>REGION</INSDFeature_key>
<INSDFeature_location>1..235</INSDFeature_location>
<INSDFeature_qual>
<INSDQualifier id="q112">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>amino acid
sequesnce of NOV0712 light chain full-length</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..235</INSDFeature_location>
<INSDFeature_qual>
<INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>

```

```

<INSDQualifier id="q113">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>MVLQTQVFISLLLWISGAYGDIQMTQSPSSLSASVGDRVTITCRASQSISSYLNWYQQKPGKAPKLLIY
AVSTLQSGVPSRFSGSGSGTDFTLTISLQPEDFATYYCQQSGTFPPTTFGGGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCL
LNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDYSLSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC</INS
DSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="82">
<INSDSeq>
<INSDSeq_length>705</INSDSeq_length>
<INSDSeq_moltype>DNA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>misc_feature</INSDFeature_key>
<INSDFeature_location>1..705</INSDFeature_location>
<INSDFeature_qual>
<INSDQualifier id="q114">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>nucleotide
sequesnce coding for amino acid sequence of sequencenumber 81</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..705</INSDFeature_location>
<INSDFeature_qual>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>other
DNA</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q115">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>

```

```

</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>atggtgctgcagacccaggtgttcattcctctgctgtggtatctccggcgctacggcgacatccagatgacccagagccct
agcagcctgagcgccagcgtgggagacagagtaccatcacctgtagagccagagcatcagcagctacctgaactggtatcagcagaagcccgga
aggcccccactgctgatctacgccgtgtccacactgcagagcggtgcccagcagatttctggcagcgggtccggcaccgacttcacctgacaatcagc
agcctgcagcccgaggacttcgccactactactgtcagcagtcggcaccttccccccaccacattggccagggcaccaaggtggaaatcaagcgtacggt
ggccgccccctccgtgttcatttccccctccgacgagcagctgaagtcggcaccgctccgtggtgctgctgaataacttctacccagagaggccaa
ggtgcagtggaaaggtggacaacgcctgcagtcgggaactcccaggagagcgtgaccgagcaggacagcaaggacagcacctacagcctgagcagcac
cctgacctgagcaaagccgactacgagaagcacaaggtgtacgcctgcgaggtgaccaccaggggcctgagctccccgcaccaaagagcttaacaggg
gggagtg</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="83">
  <INSDSeq>
    <INSDSeq_length>467</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..467</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q116">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>amino acid
sequesnce of NOV0712 heavy chain full-length</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_qual>
</INSDFeature>
<INSDFeature>
  <INSDFeature_key>source</INSDFeature_key>
  <INSDFeature_location>1..467</INSDFeature_location>
  <INSDFeature_qual>
    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q117">

<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic
construct</INSDQualifier_value>
</INSDQualifier>

```

```

        </INSDFeature_qual>
    </INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>MKHLWFFLLLVAAPRWVLSQVQLLESGGGLVQPGGSLRLSCAASGFTFSSHGMHWVRQAPGKGLE
WVSVISGSGSNTGYADSVKGRFTISRDN SKNTLYLQMNSLRAEDTAVYYCARQWGSYAFDSWGQGLTVTVSSASTKGPSVFP
LAPSSKSTSGGTAALGCLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVPSSSLGTQTYICNVNHKPSNTKVD
KRVEPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQY
NSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEW
ESNGQPENNYKTTTPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</INSDSeq_sequence
>

    </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="84">
    <INSDSeq>
        <INSDSeq_length>1401</INSDSeq_length>
        <INSDSeq_moltype>DNA</INSDSeq_moltype>
        <INSDSeq_division>PAT</INSDSeq_division>
        <INSDSeq_feature-table>
            <INSDFeature>
                <INSDFeature_key>misc_feature</INSDFeature_key>
                <INSDFeature_location>1..1401</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier id="q118">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>nucleotide
sequesnce coding for amino acid sequence of sequencenumber 83</INSDQualifier_value>
                                </INSDQualifier>
                            </INSDFeature_qual>
            </INSDFeature>
            <INSDFeature>
                <INSDFeature_key>source</INSDFeature_key>
                <INSDFeature_location>1..1401</INSDFeature_location>
                <INSDFeature_qual>
                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
                                <INSDQualifier_value>other
DNA</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q119">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                            </INSDFeature_qual>
            </INSDFeature>
        </INSDFeature-table>
    </INSDSeq>

```

</INSDSeq_feature-table>

<INSDSeq_sequence>atgaaacacctgtggttcttctctgctggtggcagctcccagatgggtgctgagccaggtgcagctgctggaatctggcggaggactggtgcagcctggcgggtctctgagactgtcttgccgagcggttcaccttcagcagccaggaatgcactgggtgcgagggccctggaaaaggactggaatgggtgtccgtgatcagcggcagcggctccaataccggctacgccgatagcgtgaaggccgggttcaccatcagccgggacaacagcaagaacaccctgtacctgcagatgaacagcctgcgggcccaggacaccgccgtgtactattgtgccagacagtggggcagctacgccttcgattcttggggccaggcacctctgtgacctgcagctcagcctccaccaagggccaagcgtcttccccctggcacctctccaagagcacctctggcggcacagccgcccctgggctgcctggtcaaggactacttccccgaaccgtgacctgagctggaactcaggcgccctgaccagcggcgtgcacaccttccccgctgtctgcagtctcaggacttactccctcagcagcgtggtgacctgacctccagcagcttgggcaccagacctacatctgcaacgtgaatcacaagcccagcaacaccaaggtggacaa gagagttgagccaaatcttgtagaaaaactcacatgcccaccctgccagcacctgaactcctggggggaccctcagcttctcttccccccaaaaccaag gacaccctcatgatctccggaccctgaggtcacatgcgtggtggtggacgtgagccacgaagacctgaggtcaagttcaactggtacgtggacggcgtg gaggtgcataatgccaagacaaaagccccgggaggagcagtacaacagcagctaccgggtggtcagcgtctcaccgtctgcaccaggactggtgaatgg caaggagtacaagtgaaggtctccaacaaagccctcccagccccatcgagaaaaaccatctccaagccaaaggccagccccgggaaccacaggtgtacac cctgccccatcccgggaggagatgaccaagaaccaggtcagcctgacctgctggtcaaaggcttctatcccagcgacatcgccgtggagtgggagagcaa tggccagcccgagaacaactacaagaccaccctcccgtgctggactccgagcgtccttctctctacagcaagctcaccgtggacaagagcaggtggcag cagggcaacgtcttctcatgctccgtgatgcatgaggctctgcacaaccactacaccagaagagcctctccctgtctcccgcaaaa</INSDSeq_sequen ce>

</INSDSeq>

</SequenceData>

<SequenceData sequenceIDNumber="85">

<INSDSeq>

<INSDSeq_length>34</INSDSeq_length>

<INSDSeq_moltype>DNA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>

<INSDSeq_feature-table>

<INSDFeature>

<INSDFeature_key>misc_feature</INSDFeature_key>

<INSDFeature_location>1..34</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier id="q120">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>primer</INSDQualifier_value>

</INSDQualifier>

</INSDFeature_qual>

</INSDFeature>

<INSDFeature>

<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..34</INSDFeature_location>

<INSDFeature_qual>

<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>other

DNA</INSDQualifier_value>

</INSDQualifier>

<INSDQualifier id="q121">

```

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>caccatgagaacttaccgctacttcttgctgctc</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="86">
  <INSDSeq>
    <INSDSeq_length>30</INSDSeq_length>
    <INSDSeq_moltype>DNA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>misc_feature</INSDFeature_key>
        <INSDFeature_location>1..30</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q122">

```

```

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>primer</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                <INSDFeature>
                                  <INSDFeature_key>source</INSDFeature_key>
                                  <INSDFeature_location>1..30</INSDFeature_location>
                                  <INSDFeature_qual>
                                    <INSDQualifier>

```

```

<INSDQualifier_name>mol_type</INSDQualifier_name>
                                <INSDQualifier_value>other
DNA</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q123">

```

```

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
                                </INSDFeature>
                                </INSDSeq_feature-table>
                                <INSDSeq_sequence>ttaggagtctttgtcactgtccactcctcc</INSDSeq_sequence>
</INSDSeq>

```

```

</SequenceData>
<SequenceData sequenceIDNumber="87">
  <INSDSeq>
    <INSDSeq_length>452</INSDSeq_length>
    <INSDSeq_moltype>AA</INSDSeq_moltype>
    <INSDSeq_division>PAT</INSDSeq_division>
    <INSDSeq_feature-table>
      <INSDFeature>
        <INSDFeature_key>REGION</INSDFeature_key>
        <INSDFeature_location>1..452</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier id="q124">
            <INSDQualifier_name>note</INSDQualifier_name>
            <INSDQualifier_value>Matured heavy
chain amino acid sequeance of hH01 heavy chain,without a signal sequence</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
      <INSDFeature>
        <INSDFeature_key>source</INSDFeature_key>
        <INSDFeature_location>1..452</INSDFeature_location>
        <INSDFeature_qual>
          <INSDQualifier>
            <INSDQualifier_name>mol_type</INSDQualifier_name>
            <INSDQualifier_value>protein</INSDQualifier_value>
          </INSDQualifier>
          <INSDQualifier id="q125">
            <INSDQualifier_name>organism</INSDQualifier_name>
            <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
          </INSDQualifier>
        </INSDFeature_qual>
      </INSDFeature>
    </INSDSeq_feature-table>

    <INSDSeq_sequence>EVQLVQSGAEVKKPGASVKVSCKASGYTFTRNFMHWVRQAPGQGLEWMGWYIPGDGETEYAQKF
QGRVTITADTSTSTAYMELSSLRSEDTAVYYCARGVYGGFAGGYFDWVGQGLTVTVSSASTKGPSVFPLAPSSKSTSGGTAALG
CLVKDYFPEPVTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVVTVPSSSLGTQTYICNVNHKPSNTKVDKRVEPKSCDKTHTCPP
CPAPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQD
WLNKGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTPPV
LDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKSLSLSPGK</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="88">
  <INSDSeq>

```

```

<INSDSeq_length>213</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
  <INSDFeature>
    <INSDFeature_key>REGION</INSDFeature_key>
    <INSDFeature_location>1..213</INSDFeature_location>
    <INSDFeature_qual>
      <INSDQualifier id="q126">

<INSDQualifier_name>note</INSDQualifier_name>
                                <INSDQualifier_value>Matured light chain
amino acid sequecnce of hL02 light chain,without a signal sequence</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
  </INSDFeature>
  <INSDFeature>
    <INSDFeature_key>source</INSDFeature_key>
    <INSDFeature_location>1..213</INSDFeature_location>
    <INSDFeature_qual>
      <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                </INSDQualifier>
                                <INSDQualifier id="q127">

<INSDQualifier_name>organism</INSDQualifier_name>
                                <INSDQualifier_value>synthetic
construct</INSDQualifier_value>
                                </INSDQualifier>
                                </INSDFeature_qual>
  </INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>DIQMTQSPSSLSASVGDRVTITCKASQNIYKNLAWYQQKPGKAPKLLIYDANTLQTGVPSRFSGSGS
GSDFTLTISLQPEDFATYFCQQYYSGWAFGQGTKVEIKRTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDN
ALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC</INSDSeq_sequence>
  </INSDSeq>
</SequenceData>
</ST26SequenceListing>

```