```
<?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="Sequence listing -
M53430874.xml" softwareName="WIPO Sequence" softwareVersion="2.2.0"
productionDate="2023-01-12">
        <ApplicationIdentification>
                <IPOfficeCode>SG</IPOfficeCode>
                <ApplicationNumberText></ApplicationNumberText>
                <FilingDate>/FilingDate>
        </ApplicationIdentification>
        <ApplicantFileReference>M53430874</ApplicantFileReference>
        <EarliestPriorityApplicationIdentification>
                <IPOfficeCode>AU</IPOfficeCode>
                <ApplicationNumberText>2022900103</ApplicationNumberText>
                <FilingDate>2022-01-20</FilingDate>
        </EarliestPriorityApplicationIdentification>
        <ApplicantName languageCode="en">Denteric Pty Ltd</ApplicantName>
        <InventionTitle languageCode="en">Chimeric polypeptides</InventionTitle>
        <SequenceTotalQuantity>64</SequenceTotalQuantity>
        <SequenceData sequenceIDNumber="1">
                <INSDSeq>
                        <INSDSeq_length>36</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..36</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="2">
```

```
                <INSDSeq>
                        <INSDSeq_length>37</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..37</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q4">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>6</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q5">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents G or S</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>18</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q6">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents S or A</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
```

<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>23</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q7">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents S or L</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>24</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q8">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents L or V</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>26</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q9">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents A or T</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>27</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q10">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents T or S</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>

```
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>29</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q11">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents V or L</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>36</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q12">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents D or N</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>LNTGVXFANYTAHGSETXWADPXXTXXQXKALTNKXK</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="3">
                <INSDSeq>
                        <INSDSeq_length>37</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..37</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>
```

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>8</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q15">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X
represents V or A</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>FNGGISLXNYTGHGSETAWGTSHFGTTHVKQLTNSNQ</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="4">
<INSDSeq>
<INSDSeq_length>23</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..23</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>6</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q18">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents G or S</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>18</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q19">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents S or A</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>23</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q20">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents S or L</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>LNTGVXFANYTAHGSETXWADPX</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="5">
<INSDSeq>
<INSDSeq_length>36</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..36</INSDFeature_location>

```
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q22">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>5</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q23">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents G or S</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>17</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q24">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or A</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>22</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q25">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or L</INSDQualifier_value>
```

```
                                        </INSDQualifier>
                                </INSDFeature_quals>
                        </INSDFeature>
                        <INSDFeature>
                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>23</INSDFeature_location>
                                <INSDFeature_quals>
                                        <INSDQualifier id="q26">

<INSDQualifier_name>note</INSDQualifier_name>
                                                <INSDQualifier_value>X
represents L or V</INSDQualifier_value>
                                        </INSDQualifier>
                                </INSDFeature_quals>
                        </INSDFeature>
                        <INSDFeature>
                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>25</INSDFeature_location>
                                <INSDFeature_quals>
                                        <INSDQualifier id="q27">

<INSDQualifier_name>note</INSDQualifier_name>
                                                <INSDQualifier_value>X
represents A or T</INSDQualifier_value>
                                        </INSDQualifier>
                                </INSDFeature_quals>
                        </INSDFeature>
                        <INSDFeature>
                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>26</INSDFeature_location>
                                <INSDFeature_quals>
                                        <INSDQualifier id="q28">

<INSDQualifier_name>note</INSDQualifier_name>
                                                <INSDQualifier_value>X
represents T or S</INSDQualifier_value>
                                        </INSDQualifier>
                                </INSDFeature_quals>
                        </INSDFeature>
                        <INSDFeature>
                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>28</INSDFeature_location>
                                <INSDFeature_quals>
                                        <INSDQualifier id="q29">

<INSDQualifier_name>note</INSDQualifier_name>
                                                <INSDQualifier_value>X
```

```
represents V or L</INSDQualifier_value>
                                                        </INSDQualifier>
                                                </INSDFeature_quals>
                                        </INSDFeature>
                                        <INSDFeature>
                                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>35</INSDFeature_location>
                                                <INSDFeature_quals>
                                                        <INSDQualifier id="q30">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                        <INSDQualifier_value>X
represents D or N</INSDQualifier_value>
                                                        </INSDQualifier>
                                                </INSDFeature_quals>
                                        </INSDFeature>
                                </INSDSeq_feature-table>

<INSDSeq_sequence>NTGVXFANYTAHGSETXWADPXXTXXQXKALTNKXK</INSDSeq_sequence>
                        </INSDSeq>
                </SequenceData>
                <SequenceData sequenceIDNumber="6">
                        <INSDSeq>
                                <INSDSeq_length>20</INSDSeq_length>
                                <INSDSeq_moltype>AA</INSDSeq_moltype>
                                <INSDSeq_division>PAT</INSDSeq_division>
                                <INSDSeq_feature-table>
                                        <INSDFeature>
                                                <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..20</INSDFeature_location>
                                                <INSDFeature_quals>
                                                        <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                        </INSDQualifier>
                                                        <INSDQualifier id="q32">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                        </INSDQualifier>
                                                </INSDFeature_quals>
                                        </INSDFeature>
                                        <INSDFeature>
                                                <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>2</INSDFeature_location>
```

```
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q33">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents G or S</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>14</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q34">

<INSDQualifier_name>note</INSDQualifier_name>

<INSDQualifier_value>14</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>19</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q35">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents S or L</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>20</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q36">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents L or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>
                        <INSDSeq_sequence>VXFANYTAHGSETXWADPXX</INSDSeq_sequence>
                </INSDSeq>
```

```
        </SequenceData>
        <SequenceData sequenceIDNumber="7">
                <INSDSeq>
                        <INSDSeq_length>22</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..22</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>LNTGVSFANYTAHGSETAWADP</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="8">
                <INSDSeq>
                        <INSDSeq_length>23</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..23</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>
```

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>8</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q41">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X
represents V or A</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>FNGGISLXNYTGHGSETAWGTSH</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="9">
<INSDSeq>
<INSDSeq_length>36</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..36</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>7</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q44">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents V or A</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>NGGISLXNYTGHGSETAWGTSHFGTTHVKQLTNSNQ</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="10">
<INSDSeq>
<INSDSeq_length>20</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..20</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q46">
<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>
<INSDFeature_location>4</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q47">
<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X represents V or A</INSDQualifier_value>
</INSDQualifier>

```
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>
                        <INSDSeq_sequence>ISLXNYTGHGSETAWGTSHF</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="11">
                <INSDSeq>
                        <INSDSeq_length>21</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..21</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>FNGGISLANYTGHGSETAWGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="12">
                <INSDSeq>
                        <INSDSeq_length>173</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..173</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
```

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q51">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>TLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGCVYSESFGLGGIGVLTPDNYLI
TPALDLPNGGKLTFWVCAQDANYASEHYAVYASSTGNDASNFTNALLEETITAKGVRSPKAIRGRIQGTWRQKTVDLPAGT
KYVAFRHFQSTDMFYIDLDEVEIKANGKR</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="13">
<INSDSeq>
<INSDSeq_length>73</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..73</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q53">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>TLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGCVYSESFGLGGIGVLTPDNYLI
TPALDLPNGG</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="14">
<INSDSeq>
<INSDSeq_length>29</INSDSeq_length>

<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..29</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q55">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>SNEFAPVQNLTGSSVGQKVTLKWDAPNGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="15">
<INSDSeq>
<INSDSeq_length>57</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..57</INSDFeature_location>
<INSDFeature_quals>
<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_quals>

```
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEG</INSD
Seq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="16">
                <INSDSeq>
                        <INSDSeq_length>86</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..86</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q59">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAP
VQNLTGSSVGQKVTLKWDAPNGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="17">
                <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_quals>
                                                <INSDQualifier>
```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q61">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>PNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="18">
<INSDSeq>
<INSDSeq_length>99</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..99</INSDFeature_location>
<INSDFeature_quals>
<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_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAP
VQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="19">
<INSDSeq>
<INSDSeq_length>29</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>

<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..29</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q65">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>SNEFAPVQNLTGSAVGQKVTLKWDAPNGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="20">
<INSDSeq>
<INSDSeq_length>57</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..57</INSDFeature_location>
<INSDFeature_quals>
<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_quals>
</INSDFeature>

```
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>30</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q68">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents A or T</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>SDYTYTVYRDGTKIKEGLTATTFEEDGVAXGNHEYCVEVKYTAGVSPKVCKDVTVEG</INSD
Seq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="21">
                <INSDSeq>
                        <INSDSeq_length>15</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..15</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q70">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>
                        <INSDSeq_sequence>PNPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="22">
                <INSDSeq>
                        <INSDSeq_length>101</INSDSeq_length>
```

<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..101</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q72">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>30</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q73">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X
represents A or T</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>SDYTYTVYRDGTKIKEGLTATTFEEDGVAXGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAP
VQNLTGSAVGQKVTLKWDAPNGTPNPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="23">
<INSDSeq>
<INSDSeq_length>165</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..165</INSDFeature_location>

```
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q75">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDM</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="24">
                <INSDSeq>
                        <INSDSeq_length>165</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..165</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <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_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
```

```
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q78">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDM</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="25">
                <INSDSeq>
                        <INSDSeq_length>127</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..127</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q80">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>WGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTG
QGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDM</INSDSeq_sequenc
e>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="26">
                <INSDSeq>
                        <INSDSeq_length>127</INSDSeq_length>
```

<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..127</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q82">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>WGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTG
QGEVVIPGGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDM</INSDSeq_sequenc
e>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="27">
<INSDSeq>
<INSDSeq_length>233</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..233</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q84">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>

```
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>WGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTG
QGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRD
GTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNP
NPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="28">
                <INSDSeq>
                        <INSDSeq_length>29</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..29</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q86">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>SNEFAAVQPLTGSSVGQKVTLKWDAPNGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="29">
                <INSDSeq>
                        <INSDSeq_length>99</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..99</INSDFeature_location>
```

```
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q167">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAA
VQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="30">
                <INSDSeq>
                        <INSDSeq_length>99</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..99</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q90">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVCKDVTVEGSNEFAP
VQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
```

```
        </SequenceData>
        <SequenceData sequenceIDNumber="31">
                <INSDSeq>
                        <INSDSeq_length>99</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..99</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q92">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDVTVEGSNEFAP
VQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="32">
                <INSDSeq>
                        <INSDSeq_length>99</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..99</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q94">
```

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTVEGSNEFAP
VQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="33">
<INSDSeq>
<INSDSeq_length>271</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q96">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="34">
<INSDSeq>
<INSDSeq_length>271</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>

```
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q98">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q99">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="35">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
```

<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_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVCKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="36">
<INSDSeq>
<INSDSeq_length>271</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

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

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>

```
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q104">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVCKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="37">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q106">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="38">
```

```
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q108">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q109">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="39">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
```

<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..271</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>
<INSDQualifier_name>mol_type</INSDQualifier_name>
<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q111">
<INSDQualifier_name>organism</INSDQualifier_name>
<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>
<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="40">
<INSDSeq>
<INSDSeq_length>271</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>
<INSDFeature_location>1..271</INSDFeature_location>
<INSDFeature_quals>
<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_quals>

```
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q114">

<INSDQualifier_name>note</INSDQualifier_name>
                                                                <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="41">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q116">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
```

```
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="42">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q118">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q119">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="43">
```

```
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q121">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVCKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="44">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q123">
```

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q124">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X
represents S or V</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="45">
<INSDSeq>
<INSDSeq_length>271</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q126">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>

```
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="46">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q128">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                                <INSDFeature>
                                        <INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier id="q129">

<INSDQualifier_name>note</INSDQualifier_name>
                                                        <INSDQualifier_value>X
represents S or V</INSDQualifier_value>
                                                </INSDQualifier>
                                        </INSDFeature_quals>
                                </INSDFeature>
                        </INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
```

```
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVSKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="47">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q131">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="48">
                <INSDSeq>
                        <INSDSeq_length>271</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..271</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>
```

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q133">

<INSDQualifier_name>organism</INSDQualifier_name>

<INSDQualifier_value>synthetic construct</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
<INSDFeature>
<INSDFeature_key>SITE</INSDFeature_key>

<INSDFeature_location>115</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier id="q134">

<INSDQualifier_name>note</INSDQualifier_name>
<INSDQualifier_value>X
represents S or V</INSDQualifier_value>
</INSDQualifier>
</INSDFeature_quals>
</INSDFeature>
</INSDSeq_feature-table>

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYXITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDV
TVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGT</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="49">
<INSDSeq>
<INSDSeq_length>378</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..378</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q136">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTV
EGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGSVYSESFGLGGIGVLTPDNYLITPALDLPNGGNTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq
_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="50">
<INSDSeq>
<INSDSeq_length>342</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..342</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q138">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTV
EGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGSVYSESFGLGGIGVLTPDNYLITPALDLPNGG</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="51">

```
                <INSDSeq>
                        <INSDSeq_length>342</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..342</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q140">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTV
EGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGSVYSESFGLGGIGVLTPDNYLITPALDLPNGG</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="52">
                <INSDSeq>
                        <INSDSeq_length>380</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..380</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q142">
```

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKAEGSREVKRIGDGLFVTIEPANDVRAN
EAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIP
GGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEG
LTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPG
TTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGSVYSESFGLGGIGVLTPDNYLITPALDLPNGG</INSDS
eq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="53">
<INSDSeq>
<INSDSeq_length>416</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..416</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q144">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKAEGSREVKRIGDGLFVTIEPANDVRAN
EAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIP
GGVYDYSITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEG
LTATTFEEDGVAAGNHEYSVEVKYTAGVSPKVSKDVTVEGSNEFAAVQPLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPG
TTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGSVYSESFGLGGIGVLTPDNYLITPALDLPNGGNTGVSFA
NYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq_sequence>
</INSDSeq>

```
        </SequenceData>
        <SequenceData sequenceIDNumber="54">
                <INSDSeq>
                        <INSDSeq_length>342</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..342</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q146">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTV
EGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGG</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="55">
                <INSDSeq>
                        <INSDSeq_length>380</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..380</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
```

```
                                                    </INSDQualifier>
                                                    <INSDQualifier id="q148">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKAEGSREVKRIGDGLFVTIEPANDVRAN
EAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIP
GGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEG
LTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPG
TTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGG</INSDS
eq_sequence>
                    </INSDSeq>
            </SequenceData>
            <SequenceData sequenceIDNumber="56">
                    <INSDSeq>
                            <INSDSeq_length>442</INSDSeq_length>
                            <INSDSeq_moltype>AA</INSDSeq_moltype>
                            <INSDSeq_division>PAT</INSDSeq_division>
                            <INSDSeq_feature-table>
                                    <INSDFeature>
                                            <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..442</INSDFeature_location>
                                            <INSDFeature_quals>
                                                    <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                    </INSDQualifier>
                                                    <INSDQualifier id="q150">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTV
EGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGGKLTFWVCAQDANYASEHYAVYASSTGNDASNFTNALLEETITAKG
```

```
VRSPKAIRGRIQGTWRQKTVDLPAGTKYVAFRHFQSTDMFYIDLDEVEIKANGKR</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="57">
                <INSDSeq>
                        <INSDSeq_length>378</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..378</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q152">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKWGDNTGYQFLLDADHNTFGSVIPATGP
LFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEA
GKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTV
EGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGY
NSNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGGNTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq
_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="58">
                <INSDSeq>
                        <INSDSeq_length>416</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..416</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>
```

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q154">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKAEGSREVKRIGDGLFVTIEPANDVRAN
EAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIP
GGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEG
LTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPG
TTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYNSNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGGNTGVSFA
NYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq_sequence>
</INSDSeq>
</SequenceData>
<SequenceData sequenceIDNumber="59">
<INSDSeq>
<INSDSeq_length>258</INSDSeq_length>
<INSDSeq_moltype>AA</INSDSeq_moltype>
<INSDSeq_division>PAT</INSDSeq_division>
<INSDSeq_feature-table>
<INSDFeature>
<INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..258</INSDFeature_location>
<INSDFeature_quals>
<INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
</INSDQualifier>
<INSDQualifier id="q156">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF

```
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="60">
                <INSDSeq>
                        <INSDSeq_length>500</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..500</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q158">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>NTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKDSSGASNTGVSFANYTAHGSETAWADP
LLTTSQLKALTNKDKAEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPATGPL
FTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAG
KKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVE
GSNEFAPVQNLTGSSVGQKVTLKWDAPNGTPNPNPNPNPNPGTTLSESFENGIPASWKTIDADGDGHGWKPGNAPGIAGYN
SNGCVYSESFGLGGIGVLTPDNYLITPALDLPNGGNTGVSFANYTAHGSETAWADPLLTTSQLKALTNKDKKLDSSGNTGV
SFANYTAHGSETAWADPLLTTSQLKALTNKDK</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="61">
                <INSDSeq>
                        <INSDSeq_length>242</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..242</INSDFeature_location>
                                        <INSDFeature_quals>
```

```
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q160">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>AEGSREVKRIGDGLFVTIEPANDVRANEAKVVLAADNVWGDNTGYQFLLDADHNTFGSVIPAT
GPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTGQGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTF
EAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDV
TVEGPNPNPNPNPNPGT</INSDSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="62">
                <INSDSeq>
                        <INSDSeq_length>70</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..70</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q162">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>ASYTYTVYRDGTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGPNPNPN
PNPNPGT</INSDSeq_sequence>
```

```
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="63">
                <INSDSeq>
                        <INSDSeq_length>220</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..220</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
                                                </INSDQualifier>
                                                <INSDQualifier id="q164">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>WGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTG
QGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRD
GTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGSNEFAPVQNLTGSSVGQKVTLKWDAPNGT</INS
DSeq_sequence>
                </INSDSeq>
        </SequenceData>
        <SequenceData sequenceIDNumber="64">
                <INSDSeq>
                        <INSDSeq_length>204</INSDSeq_length>
                        <INSDSeq_moltype>AA</INSDSeq_moltype>
                        <INSDSeq_division>PAT</INSDSeq_division>
                        <INSDSeq_feature-table>
                                <INSDFeature>
                                        <INSDFeature_key>source</INSDFeature_key>

<INSDFeature_location>1..204</INSDFeature_location>
                                        <INSDFeature_quals>
                                                <INSDQualifier>

<INSDQualifier_name>mol_type</INSDQualifier_name>

<INSDQualifier_value>protein</INSDQualifier_value>
```

```
                                                    </INSDQualifier>
                                                    <INSDQualifier id="q166">

<INSDQualifier_name>organism</INSDQualifier_name>

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

<INSDSeq_sequence>WGDNTGYQFLLDADHNTFGSVIPATGPLFTGTASSNLYSANFEYLIPANADPVVTTQNIIVTG
QGEVVIPGGVYDYCITNPEPASGKMWIAGDGGNQPARYDDFTFEAGKKYTFTMRRAGMGDGTDMEVEDDSPASYTYTVYRD
GTKIKEGLTATTFEEDGVAAGNHEYCVEVKYTAGVSPKVCKDVTVEGPNPNPNPNPNPGT</INSDSeq_sequence>
                    </INSDSeq>
            </SequenceData>
</ST26SequenceListing>
```