

```

<?xml version="1.0" encoding="UTF-8" standalone="true"?>
<?mso-application progid="Word.Document"?>
<pkg:package xmlns:pkg="http://schemas.microsoft.com/office/2006/xmlPackage">
  - <pkg:part pkg:padding="512" pkg:contentType="application/vnd.openxmlformats-package.relationships+xml" pkg:name="/_rels/rels">
    - <pkg:xmlData>
      - <Relationships xmlns="http://schemas.openxmlformats.org/package/2006/relationships">
        <Relationship Target="docProps/app.xml" Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/extended-properties"
          Id="rId3"/>
        <Relationship Target="docProps/core.xml" Type="http://schemas.openxmlformats.org/package/2006/relationships/metadata/core-properties"
          Id="rId2"/>
        <Relationship Target="word/document.xml" Type="http://schemas.openxmlformats.org/officeDocument/2006/relationships/officeDocument"
          Id="rId1"/>
      </Relationships>
    </pkg:xmlData>
  </pkg:part>
  - <pkg:part pkg:contentType="application/vnd.openxmlformats-officedocument.wordprocessingml.document.main+xml" pkg:name="/word/document.xml">
    - <pkg:xmlData>
      - <w:document mc:Ignorable="w14 w15 w16se w16cid wp14" xmlns:wps="http://schemas.microsoft.com/office/word/2010/wordprocessingShape"
        xmlns:wne="http://schemas.microsoft.com/office/word/2006/wordml" xmlns:wpi="http://schemas.microsoft.com/office/word/2010/wordprocessingInk"
        xmlns:wpg="http://schemas.microsoft.com/office/word/2010/wordprocessingGroup"
        xmlns:w16se="http://schemas.microsoft.com/office/word/2015/wordml/symex"
        xmlns:w16cid="http://schemas.microsoft.com/office/word/2016/wordml/cid" xmlns:w15="http://schemas.microsoft.com/office/word/2012/wordml"
        xmlns:w14="http://schemas.microsoft.com/office/word/2010/wordml" xmlns:w="http://schemas.openxmlformats.org/wordprocessingml/2006/main"
        xmlns:w10="urn:schemas-microsoft-com:office:word" xmlns:wp="http://schemas.openxmlformats.org/drawingml/2006/wordprocessingDrawing"
        xmlns:wp14="http://schemas.microsoft.com/office/word/2010/wordprocessingDrawing" xmlns:v="urn:schemas-microsoft-com:vml"
        xmlns:m="http://schemas.openxmlformats.org/officeDocument/2006/math"
        xmlns:r="http://schemas.openxmlformats.org/officeDocument/2006/relationships" xmlns:o="urn:schemas-microsoft-com:office:office"
        xmlns:am3d="http://schemas.microsoft.com/office/drawing/2017/model3d" xmlns:aink="http://schemas.microsoft.com/office/drawing/2016/ink"
        xmlns:mc="http://schemas.openxmlformats.org/markup-compatibility/2006"
        xmlns:r="http://schemas.microsoft.com/office/drawing/2016/5/14/chartex"
        xmlns:cx7="http://schemas.microsoft.com/office/drawing/2016/5/13/chartex"
        xmlns:cx6="http://schemas.microsoft.com/office/drawing/2016/5/12/chartex"
        xmlns:cx8="http://schemas.microsoft.com/office/drawing/2016/5/11/chartex"
        xmlns:cx4="http://schemas.microsoft.com/office/drawing/2016/5/10/chartex"
        xmlns:cx3="http://schemas.microsoft.com/office/drawing/2016/5/9/chartex"
        xmlns:cx2="http://schemas.microsoft.com/office/drawing/2015/10/21/chartex"
        xmlns:cx1="http://schemas.microsoft.com/office/drawing/2015/9/8/chartex" xmlns:cx="http://schemas.microsoft.com/office/drawing/2014/chartex"
        xmlns:wpc="http://schemas.microsoft.com/office/word/2010/wordprocessingCanvas">
        - <w:body>
          - <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="452870D9"
            w14:paraId="4A8781DC">
            - <w:pPr>
              <w:spacing w:after="0"/>
              <w:ind w:hanging="10" w:left="235"/>
            - <w:rPr>
              <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI
                Semilight"/>
              <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
              <w:sz w:val="16"/>
              <w:szCs w:val="16"/>
              <w:lang w:val="en-US"/>
            </w:rPr>
          </w:pPr>
          <w:bookmarkStart w:name="_GoBack" w:id="0"/>
          <w:bookmarkEnd w:id="0"/>
        - <w:r w:rsidRPr="00DA3DAC">
          - <w:rPr>
            <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI
              Semilight"/>
            <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
            <w:sz w:val="16"/>
            <w:szCs w:val="16"/>
            <w:lang w:val="en-US"/>
          </w:rPr>
          <w:t>The North African Journal of Food and Nutr</w:t>
        </w:r>
      - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00AE44B5">
        - <w:rPr>
          <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI
            Semilight"/>
          <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
          <w:sz w:val="16"/>
          <w:szCs w:val="16"/>
          <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>ition Research: (2019)03;(06):19</w:t>
      </w:r>
    - <w:r w:rsidR="001A4017">
      - <w:rPr>
        <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI
          Semilight"/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
      </w:rPr>
    </w:r>
  </pkg:xmlData>
  </pkg:part>
</pkg:package>

```

```

        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>5</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI Semilight"/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t></w:t>
</w:r>
- <w:r w:rsidR="00ED0AE5">
    - <w:rPr>
        <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI Semilight"/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>200</w:t>
</w:r>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="4D6F1DA6" w14:paraId="4B8DBD5F">
    - <w:pPr>
        <w:spacing w:after="0"/>
        <w:ind w:hanging="10" w:left="235"/>
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Arial Black" w:eastAsia="Calibri" w:ascii="Arial Black"/>
        <w:b/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
        <w:spacing w:val="20"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:pPr>
        <w:bookmarkStart w:name="_Hlk21411779" w:id="1"/>
    - <w:r w:rsidRPr="00DA3DAC">
        - <w:rPr>
            <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Leelawadee UI Semilight" w:ascii="Leelawadee UI Semilight"/>
            <w:color w:val="0563C1"/>
            <w:sz w:val="16"/>
            <w:u w:val="single" w:color="0563C1"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>https://doi.org/</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00152ED1">
        - <w:rPr>
            <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Leelawadee UI Semilight" w:ascii="Leelawadee UI Semilight"/>
            <w:color w:val="0563C1"/>
            <w:sz w:val="16"/>
            <w:u w:val="single" w:color="0563C1"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>10.5281/</w:t>
    </w:r>
    <w:bookmarkStart w:name="_Hlk24524103" w:id="2"/>
    <w:bookmarkEnd w:id="1"/>
    - <w:r w:rsidRPr="0060787E" w:rsidR="0060787E">
        - <w:rPr>
            <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Leelawadee UI Semilight" w:ascii="Leelawadee UI Semilight"/>
            <w:color w:val="0563C1"/>
            <w:sz w:val="16"/>
            <w:u w:val="single" w:color="0563C1"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>zenodo.</w:t>
    </w:r>
    <w:bookmarkStart w:name="_Hlk24548239" w:id="3"/>
    - <w:r w:rsidRPr="0060787E" w:rsidR="0060787E">

```

```

- <w:rPr>
  <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Leelawadee UI Semilight"
    w:ascii="Leelawadee UI Semilight"/>
  <w:color w:val="0563C1"/>
  <w:sz w:val="16"/>
  <w:u w:val="single" w:color="0563C1"/>
  <w:lang w:val="en-US"/>
</w:rPr>
<w:t>3540383</w:t>
</w:r>
<w:bookmarkEnd w:id="2"/>
<w:bookmarkEnd w:id="3"/>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="58BD6316"
  w14:paraId="17A6C74C">
  - <w:pPr>
    <w:spacing w:after="0"/>
    <w:ind w:hanging="10" w:left="255" w:right="-406"/>
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Arial Black" w:eastAsia="Calibri" w:ascii="Arial Black"/>
    <w:b/>
    <w:spacing w:val="20"/>
    <w:sz w:val="16"/>
    <w:szCs w:val="16"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
</w:pPr>
- <w:r w:rsidRPr="00DA3DAC">
  - <w:rPr>
    <w:noProof/>
    <w:lang w:eastAsia="fr-FR"/>
  </w:rPr>
- <w:drawing>
  - <wp:anchor wp14:editId="236D1B84" wp14:anchorId="3349707C" allowOverlap="1" layoutInCell="1" locked="0" behindDoc="0"
    relativeHeight="251662336" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
    <wp:simplePos y="0" x="0"/>
    - <wp:positionH relativeFrom="column">
      <wp:posOffset>5120640</wp:posOffset>
    </wp:positionH>
    - <wp:positionV relativeFrom="paragraph">
      <wp:posOffset>5715</wp:posOffset>
    </wp:positionV>
    <wp:extent cx="1000408" cy="254025"/>
    <wp:effectExtent r="9525" b="0" t="0" l="0"/>
    <wp:wrapNone/>
    <wp:docPr name="Picture 5" id="5" descr="Related image"/>
  - <wp:cNvGraphicFramePr>
    <a:graphicFrameLocks noChangeAspect="1" xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"/>
  </wp:cNvGraphicFramePr>
  - <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
    - <a:graphicData uri="http://schemas.openxmlformats.org/drawingml/2006/picture">
      - <pic:pic xmlns:pic="http://schemas.openxmlformats.org/drawingml/2006/picture">
        - <pic:nvPicPr>
          <pic:cNvPr name="Picture 1" id="0" descr="Related image"/>
          - <pic:cNvPicPr>
            <a:picLocks noChangeAspect="1" noChangeArrowheads="1"/>
          </pic:cNvPicPr>
          <pic:nvPicPr>
            - <pic:blipFill>
              - <a:blip estate="print" r:embed="rId7">
                - <a:extLst>
                  - <a:ext uri="{28A0092B-C50C-407E-A947-70E740481C1C}">
                    <a14:useLocalDpi val="0"
                      xmlns:a14="http://schemas.microsoft.com/office/drawing/2010/main"/>
                  </a:ext>
                </a:extLst>
              </a:blip>
              <a:srcRect/>
            - <a:stretch>
              <a:fillRect/>
            </a:stretch>
          </pic:blipFill>
        - <pic:spPr bwMode="auto">
          - <a:xfrm>
            <a:off y="0" x="0"/>
            <a:ext cx="1000408" cy="254025"/>
          </a:xfrm>
          - <a:prstGeom prst="rect">
            <a:avLst/>
          </a:prstGeom>
          <a:noFill/>
        - <a:ln>

```

```

        <a:noFill/>
      </a:ln>
    </pic:spPr>
  </pic:pic>
</a:graphicData>
</a:graphic>
</wp:anchor>
</w:drawing>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Arial Black" w:eastAsia="Calibri" w:ascii="Arial Black"/>
    <w:b/>
    <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
    <w:spacing w:val="20"/>
    <w:sz w:val="24"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  <w:t>Original Article</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Arial Black" w:eastAsia="Calibri" w:ascii="Arial Black"/>
    <w:b/>
    <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
    <w:spacing w:val="20"/>
    <w:sz w:val="24"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  <w:tab/>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Arial Black" w:eastAsia="Calibri" w:ascii="Arial Black"/>
    <w:b/>
    <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
    <w:spacing w:val="20"/>
    <w:sz w:val="24"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  <w:tab/>
</w:r>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00F83687" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w:l4:textId="3D4264AA"
w:l4:paraId="743863A8">
  - <w:pPr>
    <w:spacing w:after="161"/>
    <w:ind w:left="212" w:right="-28"/>
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
    <w:color w:val="000000"/>
    <w:sz w:val="20"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
</w:pPr>
- <w:r w:rsidRPr="00DA3DAC">
  - <w:rPr>
    <w:noProof/>
    <w:lang w:eastAsia="fr-FR"/>
  </w:rPr>
  - <mc:AlternateContent>
    - <mc:Choice Requires="wps">
      - <w:drawing>
        - <wp:anchor wp14:editId="6EA6B311" wp14:anchorId="4C1F14E9" allowOverlap="1" layoutInCell="1" locked="0"
behindDoc="0" relativeHeight="251664384" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
          <wp:simplePos y="0" x="0"/>
          - <wp:positionH relativeFrom="page">
            <wp:posOffset>2968551</wp:posOffset>
          </wp:positionH>
          - <wp:positionV relativeFrom="paragraph">
            <wp:posOffset>63602</wp:posOffset>
          </wp:positionV>
          <wp:extent cx="2014734" cy="151765"/>
          <wp:effectExtent r="0" b="0" t="0" l="0"/>
          <wp:wrapNone/>
          <wp:docPr name="Rectangle 4" id="4"/>
          <wp:cNvGraphicFramePr>
            - <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
              - <a:graphicData uri="http://schemas.microsoft.com/office/word/2010/wordprocessingShape">
                - <wps:wsp>
                  <wps:cNvSpPr>
                    - <wps:spPr>

```

```

- <a:xfm>
  <a:off y="0" x="0"/>
  <a:ext cx="2014734" cy="151765"/>
</a:xfm>
- <a:prstGeom prst="rect">
  <a:avLst/>
</a:prstGeom>
- <a:ln>
  <a:noFill/>
</a:ln>
</wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00F83687" w:rsidRDefault="00850D1D" w:rsidRPr="008612CD"
      w:rsidR="00850D1D" w14:textId="7777777" w14:paraId="105AA9D0">
        - <w:pPr>
          <w:jc w:val="center"/>
          - <w:rPr>
            <w:rFonts w:hAnsi="Freestyle Script" w:ascii="Freestyle Script"/>
            <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
            <w:sz w:val="16"/>
            <w:szCs w:val="16"/>
            <w:lang w:val="en-US"/>
          </w:rPr>
        </w:pPr>
      - <w:r w:rsidRPr="008612CD">
        <w:rFonts w:hAnsi="Freestyle Script" w:ascii="Freestyle Script"/>
        <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
      </w:r>
      <w:t>Making Nutrition a Development Priority in Africa</w:t>
    </w:p>
  </w:txbxContent>
</wps:txbx>
- <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" wrap="square" vert="horz"
  horzOverflow="overflow">
  <a:noAutofit/>
</wps:bodyPr>
</wps:wsp>
</a:graphicData>
</a:graphic>
- <wp14:sizeRelH relativeFrom="margin">
  <wp14:pctWidth>0</wp14:pctWidth>
</wp14:sizeRelH>
</wp:anchor>
</w:drawing>
</mc:Choice>
- <mc:Fallback>
  - <w:pict>
    - <v:rect id="Rectangle 4" w14:anchorId="4C1F14E9" stroked="f" filled="f"
      o:gfxdata="UESDBBQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NybNRIbnRfVHlwZXNdLnhtbJSRQU7DM
      90jcwflWJU67QAgl6YK0S0CoHGBkTxKLZGx5TGhvj5O2G0SRWN0z/78nu9wckxFMGNg6quQqL6RA
      0s5Y6ir5vt9ID1JwBDIwOMJKHPlHpr69KfdHjyxSmriSfYz+USnWPY7AufINadK6MEJMX9ApD/oD
      OITrorhX2IFEilmcO2RdNtjC5xDF9pCuTyYBB5bi6bQ4syOJ3g9WQ0ymailZg5KdCXIKLjvcW893
      SUOqXwnz5DrgnHtJTxOsQfEKIT7DmDSUCaxw7Rqn8787ZsmRM9e2VmPeBN4uqYvTW7jvjjg9N/y
      JsXecLq0q+WD6m8AAAD//wMAUESDBBQABgAIAAAAIQA4/SH/1gAAAQJBAAALAAAX3JlbHMVnLnJl
      bHOkkMFqWzAMhu+DvYPRFXGawxijTi+j0GvpHsDYimMaW0Yy2fr2M4PBMnrbUb/Q94l/fhMi1qR
      JVI2sOt6UJgd+ZiDgffl.8ekFlFSbvV0oo4EbChzGx4f9GRdb25HMsYhqlCwG5lrLq9biZkxWOiqY
      22YiTra2kYMu1HtQD30/bPm3wwYN0x18gb45AdQI1tp5j/sFB2T0FQ7R0nTNEY3j6o9feQzrofi
      OWA14Fm+Q8a1a8+Bvu/d/dMb2JY5uiPbhG/ktn4cqGU/er3pcvwCAAD//wMAUESDBBQABgAIAAA
      IQDVMbQOtgEAAFOAAAAOAAAZHJzL2Uyb0RvYy54bWysU8G00zAQvSPxD5bvNO3S3UVR3RVitQgJ
      sSsWPsB17MaS7TFjt0n5esZO2kVwQ1wmY8/kzXsvk83d6B07akwWguCrxZlZHRRONuWf//7t4c07
      zIKWoZMOghb8pBO/275+tRliq6+gB9dpZAQSUjtEwfucY9s0StXay7SAqAMVDAcXmY64bzqUA6F7
      11wtlzfNANhFBKVtOtv7qci3Fd8YrfKjMUln5gQnblGrHFXYrPdyHaPMvZWzTTkP7Dw0gYaeoG6
      lImyA9q/oLxVCAIMXijwDRhja4aSM1q+Yea515GXbWQOSlebEr/D1Z9OT4hs53ga86C9PSJvpJp
      MuydZutizxBTS13P8QnnU6K0aB0N+vIkFWyslp4uluoxM0WXpGp9+5awFdVW16vbm+sC2ry8HTHI
      jxo8K4ngSNOrk/L4OeWp9dxShrIQYoAH69xULTdNYTnxKlked+NMdgdfiRT2gD8faU+Ng0FwmdNe
      VpeGlipnA62B4OnHQaLmzH0K5HPZmXOC52R3TjC7D1A3ayL1/pDB2Mq60Jhmz+zoA1bd87KVDfn9
      XLtefontLwAAAP//AwBQSwMEFAAGAAgAAAAhANivF0rgAAAACQEAAA8AAABkcnMvZG93bnJldi54
      bWxMj8tOwzAQRfdl/IM1SOyoAy1tEuJUFQ+1S2iRcjs3HpIlexzFbhP4eoYVLEf36s45xXJ0Vpyw
      D60nBdeTBARSSU1LtYlX3dNVciJEtUZbT6jgCwMsy/OzQufGD/SCp22sBY9QyLWCJsYulzJUDTod
      Jr5D4uzD905HPvtaml4PPO6svEmSuXS6J7Q6A7vG6w+t0enYJ12q7eN/x5q+/i+3j/vs4ddFpW6
      vBhXdyAijvGvDL/4jA4IMx38kUwQVsfsvrjIKgcJO3Fhkc7Y5aBgOs1AloX8b1D+AAAA/8DAFBL
      AQtABQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NybNRIbnRfVHlwZXNdLnhtbGvudGVudF9UeXB
      c10ueG1sUEsBAi0AFAAGAAgAAAAhADj9If/WAAAAlAEAAAsAAAAAIAAAALwEAAAF9yZWxz
      Ly5yZWxzUEsBAi0AFAAGAAgAAAAhANUxtA62AQAAWgMAAA4AAAAAAAAAAAAAAAAALgIAAGRcy9l
      Mm9Eb2MueG1sUEsBAi0AFAAGAAgAAAAhANivF0rgAAAACQEAAA8AAABkcnMvZG93bnJldi54
      cy9kb3ducml4LnhtbFBLBQYAAAAABAAEAPMAAAADBQAAAAA=" style="position:absolute;left:0;text-

```

```

align:left;margin-left:233.75pt;margin-
top:5pt;width:158.65pt;height:11.95pt;z-index:251664384;visibility:visible;mso-wrap-style:square;mso-width-
percent:0;mso-wrap-distance-left:9pt;mso-wrap-distance-top:0;mso-wrap-distance-right:9pt;mso-wrap-distance-
bottom:0;mso-position-horizontal:absolute;mso-position-horizontal-relative:page;mso-position-
vertical:absolute;mso-position-vertical-relative:text;mso-width-percent:0;mso-width-relative:margin;v-text-
anchor:top" o:spid=" x0000_s1026">
- <v:textbox inset="0,0,0,0">
- <w:txbxContent>
- <w:p w:rsidP="00F83687" w:rsidRDefault="00850D1D" w:rsidRPr="008612CD" w:rsidR="00850D1D"
w14:textId="77777777" w14:paraId="105AA9D0">
- <w:pPr>
<w:jc w:val="center"/>
- <w:rPr>
<w:rFonts w:hAnsi="Freestyle Script" w:ascii="Freestyle Script"/>
<w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
<w:sz w:val="16"/>
<w:szCs w:val="16"/>
<w:lang w:val="en-US"/>
</w:rPr>
</w:pPr>
- <w:r w:rsidRPr="008612CD">
- <w:rPr>
<w:rFonts w:hAnsi="Freestyle Script" w:ascii="Freestyle Script"/>
<w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
<w:sz w:val="16"/>
<w:szCs w:val="16"/>
<w:lang w:val="en-US"/>
</w:rPr>
<w:t>Making Nutrition a Development Priority in Africa</w:t>
</w:r>
</w:p>
</w:txbxContent>
</v:textbox>
<w10:wrap anchorx="page"/>
</v:rect>
</w:pict>
</mc:Fallback>
</mc:AlternateContent>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
- <w:rPr>
<w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
<w:b>
<w:noProof>
<w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
<w:sz w:val="30"/>
<w:szCs w:val="30"/>
<w:lang w:eastAsia="fr-FR"/>
</w:rPr>
- <mc:AlternateContent>
- <mc:Choice Requires="wps">
- <w:drawing>
- <wp:anchor wp14:editId="6C035250" wp14:anchorId="2BC561F5" allowOverlap="1" layoutInCell="1" locked="0"
behindDoc="0" relativeHeight="251663360" simplePos="0" distR="114300" distL="114300" distB="45720"
distT="45720">
<wp:simplePos y="0" x="0"/>
- <wp:positionH relativeFrom="margin">
<wp:posOffset>4512826</wp:posOffset>
</wp:positionH>
- <wp:positionV relativeFrom="paragraph">
<wp:posOffset>61827</wp:posOffset>
</wp:positionV>
<wp:extent cx="937826" cy="212757"/>
<wp:effectExtent r="0" b="0" t="0" l="0"/>
<wp:wrapNone>
<wp:docPr name="Text Box 2" id="217"/>
- <wp:cNvGraphicFramePr>
<a:graphicFrameLocks xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"/>
</wp:cNvGraphicFramePr>
- <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
- <a:graphicData uri="http://schemas.microsoft.com/office/word/2010/wordprocessingShape">
- <wps:wsp>
- <wps:cNvSpPr txBox="1">
<a:spLocks noChangeArrowheads="1"/>
</wps:cNvSpPr>
- <wps:spPr bwMode="auto">
- <a:xfrm>
<a:off y="0" x="0"/>
<a:ext cx="937826" cy="212757"/>
</a:xfrm>
- <a:prstGeom prst="rect">
<a:avLst/>

```

```

    </a:prstGeom>
  - <a:solidFill>
    <a:srgbClr val="FFFFFF"/>
  </a:solidFill>
  - <a:ln w="9525">
    <a:noFill/>
    <a:miter lim="800000"/>
    <a:headEnd/>
    <a:tailEnd/>
  </a:ln>
</wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRPr="00EE78E2"
      w:rsidR="00850D1D" w14:textId="77777777" w14:paraId="3EAA6911">
        - <w:pPr>
          <w:spacing w:after="0" w:lineRule="auto" w:line="240"/>
          <w:ind w:hanging="11" w:left="11"/>
          <w:jc w:val="right"/>
        - <w:rPr>
          <w:rFonts w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi"
            w:asciiTheme="majorHAnsi"/>
          <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
          <w:sz w:val="16"/>
          <w:szCs w:val="16"/>
        </w:rPr>
      </w:pPr>
    - <w:r w:rsidRPr="00EE78E2">
      - <w:rPr>
        <w:rFonts w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi"
          w:asciiTheme="majorHAnsi"/>
        <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
      </w:rPr>
      <w:t>eISSN: 2588-1582</w:t>
    </w:r>
  </w:p>
  </w:txbxContent>
</wps:txbx>
- <wps:bodyPr bIns="45720" rIns="91440" tIns="45720" lIns="91440" wrap="square" vert="horz"
  anchorCtr="0" anchor="t" rot="0">
  <a:noAutofit/>
</wps:bodyPr>
</wps:wsp>
</a:graphicData>
</a:graphic>
- <wp14:sizeRelH relativeFrom="margin">
  <wp14:pctWidth>0</wp14:pctWidth>
</wp14:sizeRelH>
- <wp14:sizeRelV relativeFrom="margin">
  <wp14:pctHeight>0</wp14:pctHeight>
</wp14:sizeRelV>
</wp:anchor>
</w:drawing>
</mc:Choice>
- <mc:Fallback>
  - <w:pict>
    - <v:shapetype id=" x0000_t202" w14:anchorId="2BC561F5" path="m,l,21600r21600,l21600,xe" o:spt="202"
      coordsize="21600,21600">
      <v:stroke joinstyle="miter"/>
      <v:path o:connecttype="rect" gradientshapeok="t"/>
    </v:shapetype>
    - <v:shape id="Text Box 2" stroked="f"
      o:gfxdata="UESDBBQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NvbnRlbnRfVHlwZXNdLnhthbJSRQU7Dh
        90jcwflWJU67QAgl6YK0S0CoHGBkTxKLZGx5TGhvj5O2G0SRWNoz/78nu9wckxFMGNg6quQqL6RA
        0s5Y6ir5v9ID1JwBDIwOMJKHpHlpr69KfdHjyxSmriSfyz+USnWPY7AufNIadK6MEJmX9ApD/oD
        OItRorhX2IFEilmcO2RdNtjC5xDF9pCuTyYBB5bi6bQ4syoJ3g9WQ0ymailZg5KdCXIKLjvcW893
        SUOqXwnz5DrngHtJTxOsQfEKIT7DmDSUCaxw7Rqn8787ZsmRM9e2VmPeBN4uqYvTtW7jvjj9N/y
        JsXecLq0q+WD6m8AAAD/wMAUESDBBQABgAIAAAAIQA4/SH/1gAAAJQBAAALAAAAAX3JlbHMvLnJl
        bHOOkMFqWzAMhu+DvYPRFXGawxijTi+j0GvpHsDYimMaW0Yy2fr2M4PBMnrUb/Q94l/fhMiIqR
        JVI2sOt6UJgd+ZiDgffL8ekFfSbvV0oo4EbChzGx4f9GRdb25HMsYhqlCwG5rLq9biZkxWOiqY
        22YiTra2kYMu11ltQD30/bPm3wWYN0x18gb45AdQI1tp5j/sFB2T0FQ7R0nTNEV3j6o9feQzroli
        OWA14Fm+Q8a1a8+Bvu/d/dMb2JY5uiPbhG/ktm4cqGU/er3pcvwCAAD/wMAUESDBBQABgAIAAAA
        IQDLzNgLIwIAACMEAAAOAAAZHJzL2Uyb0RvYy54bWysU9tu2zAMfR+wfX0D0vjjxkiY14hRdugWd
        ugvQ7gNoWY6FyaImKbG7rx8lp2m2vQ3TgyCK5NHhIbW+GTrNjtJ5habks8mUM2kE1srsS/7tcfdm
        xZkPYGrQaGTJn6Tn5vXr9a9LWSOLepaOkYgxhe9LXkbgizyzItWduAnaKUHZ4Oug0Cm22e1g57Q
        O53l0+IV1qOrrUMhvfabu9HJNwm/aaQIX5rGy8B0yYlbSLtLexX3bLOGYu/AtkqcaMA/sOhAGXr0
        DHUHADjBqb+gOiUecmzCRGCXYdMoIVMNVm1s+kc1Dy1YmWohcbw9y+T/H6z4fPzqmKpLns+WnBno
        qEmPcgjsHQ4sj/r01hcU9mApMAx0TX1OtXp7j+K7Zwa3LZi9vHUO+1ZCTfxmMTOT5B1xfASp+k9Y
        0zNwCjAhsZ1UTySgx69enp3JtIRdID9dvlKr/iTJArn+XLxTK9AMVzsnU+fJDYsXgouaPWJ3A4
        3vsQyUDxHBLf8qhVvVNaJ8Ptq6127Ag0Jru0Tui/hWnDemKyyBcJ2WDMTpxPUqUBJRfVX8tU0rpgO
      </v:shape>
    </v:shapetype>
  </w:pict>

```

```

RRTjvanTOYDS45mYaHNSJwoyShOGakiNSNJF5Sqs0guh+PU0i+jQ4vuJ2c9TWzJ/Y8DOMmZ/mhI
8uvZfB5HPBnzxTInw116qksPGEFQJQ+cjcdtSN8i0jZ4S61pVJLthcmJMkLiUvP0a+KoX9op6uVv
b34BAAD//wMAUEsDBBQABgAIAAAAIQAffbFG3gAAAAgBAAAPAAAAAZHJzL2Rvd25yZXYueG1sTI9B
T4NAEIXvJv6HzZh4MXZppYUiQ6MmGq+t/QEDbIHlzhJ2W+i/dzzp6WXYXt77Jt/NtlcXM/rOMcJy
EYeyXLm64wbh+PX+mILygbim3rFBuBoPu+L2JqesdhPvzeUQGiuI7DNCaEMyMq191RpLfuEGw+Kd
3GgpyDk2uh5pknLb61UUbSijmWhpeG8tab6Ppwtwulzelhvp/ljHJN9vHmlLindFfH+bn55BhXM
HP7C8Isv6FAIU+nOXHvVlyTLKJEowlZE/HSdxqBKkPhPbBrI9f8Hih8AAAD//wMAUEsBAi0AFAAG
AAgAAAAhALaDOJL+AAAA4QEAAABMAAAAAAAAAAAAAAAAAAAAAAAAAAAAFtDb250ZW50X1R5cGVzXS54bWxt
SwECLQAUAAAYACAAAACEAOP0h/9YAAACUAQAACwAAAAAAAAAAAAAAAAAAAAvAQAAAX3JlbHMvLnJlbH
SwECLQAUAAAYACAAAACEAy8zYCyMCAAAjBAAADgAAAAAAAAAAAAAAAAAAAAuAgAAZHZL2Uyb0RvYy5
bWxQSwECLQAUAAAYACAAAACEAH32xRt4AAAAIAQAADwAAAAAAAAAAAAAAAAAAAAAB9BAAAZHJzL2Rvd2
ZXYueG1sUEsFBgAAAAEAAQA8wAAAIgFAAAAAA== " style="position:absolute;left:0;text-align:left;margin-
left:355.35pt;margin-top:4.85pt;width:73.85pt;height:16.75pt;z-index:251663360;visibility:visible;mso-wrap-
style:square;mso-width-percent:0;mso-height-percent:0;mso-wrap-distance-left:9pt;mso-wrap-distance-
top:3.6pt;mso-wrap-distance-right:9pt;mso-wrap-distance-bottom:3.6pt;mso-position-horizontal:absolute;mso-
position-horizontal-relative:marg;mso-position-vertical:absolute;mso-position-vertical-relative:text;mso-width-
percent:0;mso-height-percent:0;mso-width-relative:marg;mso-height-relative:marg;mso-text-anchors:top"
o:spid="_x0000_s1027" type="#_x0000_t202">
  <v:textbox>
    <w:txbxContent>
      <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRP="00EE78E2" w:rsidR="00850D1D"
        w14:textId="7777777" w14:paraId="3EAA6911">
        <w:pPr>
          <w:spacing w:after="0" w:lineRule="auto" w:line="240"/>
          <w:ind w:hanging="11" w:left="11"/>
          <w:jc w:val="right"/>
        </w:pPr>
        <w:rPr>
          <w:rFonts w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi"
            w:asciiTheme="majorHAnsi"/>
          <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
          <w:sz w:val="16"/>
          <w:szCs w:val="16"/>
        </w:rPr>
      </w:pPr>
      <w:r w:rsidRP="00EE78E2">
        <w:rPr>
          <w:rFonts w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi"
            w:asciiTheme="majorHAnsi"/>
          <w:color w:themeShade="BF" w:themeColor="accent6" w:val="538135"/>
          <w:sz w:val="16"/>
          <w:szCs w:val="16"/>
        </w:rPr>
        <w:t>eISSN: 2588-1582</w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
</v:textbox>
<w10:wrap anchorx="margin"/>
</v:shape>
</w:pict>
<mc:Fallback>
</mc:AlternateContent>
</w:r>
- <w:r w:rsidRP="00DA3DAC" w:rsidR="00B87D58">
  <w:rPr>
    <w:noProof/>
    <w:lang w:eastAsia="fr-FR"/>
  </w:rPr>
  <w:drawing>
    <wp:anchor wp14:editId="17DCB577" wp14:anchorId="33607E5E" allowOverlap="1" layoutInCell="1" locked="0" behindDoc="0"
      relativeHeight="251666432" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
      <wp:simplePos y="0" x="0"/>
      <wp:positionH relativeFrom="column">
        <wp:posOffset>5401415</wp:posOffset>
      </wp:positionH>
      <wp:positionV relativeFrom="paragraph">
        <wp:posOffset>57150</wp:posOffset>
      </wp:positionV>
      <wp:extent cx="717550" cy="931229"/>
      <wp:effectExtent r="6350" b="2540" t="0" l="0"/>
      <wp:wrapNone/>
      <wp:docPr name="Picture 7" id="7"/>
    </wp:cNvGraphicFramePr>
    <a:graphicFrameLocks noChangeAspect="1" xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"/>
    </wp:cNvGraphicFramePr>
    <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
      <a:graphicData uri="http://schemas.openxmlformats.org/drawingml/2006/picture">
        <pic:pic xmlns:pic="http://schemas.openxmlformats.org/drawingml/2006/picture">
          <pic:nvPicPr>
            <pic:cNvPr name="Picture 1" id="0"/>
          </pic:cNvPicPr>
          <pic:picLocks noChangeAspect="1" noChangeArrowheads="1"/>
        </pic:pic>
      </a:graphicData>
    </a:graphic>
  </wp:anchor>
</w:drawing>

```

```

        </pic:cNvPicPr>
      </pic:nvPicPr>
    - <pic:blipFill>
      - <a:blip cstate="print" r:embed="rId8">
        - <a:extLst>
          - <a:ext uri="{28A0092B-C50C-407E-A947-70E740481C1C}">
            <a14:useLocalDpi val="0"
              xmlns:a14="http://schemas.microsoft.com/office/drawing/2010/main"/>
          </a:ext>
        </a:extLst>
      </a:blip>
      <a:srcRect/>
    - <a:stretch>
      <a:fillRect/>
    </a:stretch>
  </pic:blipFill>
  - <pic:spPr bwMode="auto">
    - <a:xfrm>
      <a:off y="0" x="0"/>
      <a:ext cx="717550" cy="931229"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    <a:noFill/>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </pic:spPr>
</pic:pic>
<a:graphicData>
  <a:graphic>
    - <wp14:sizeRelH relativeFrom="margin">
      <wp14:pctWidth>0</wp14:pctWidth>
    </wp14:sizeRelH>
    - <wp14:sizeRelV relativeFrom="margin">
      <wp14:pctHeight>0</wp14:pctHeight>
    </wp14:sizeRelV>
  </wp:anchor>
</w:drawing>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
  - <w:rPr>
    <w:fonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
    <w:noProof/>
    <w:color w:val="000000"/>
    <w:sz w:val="20"/>
    <w:lang w:eastAsia="fr-FR"/>
  </w:rPr>
  - <mc:AlternateContent>
    - <mc:Choice Requires="wps">
      - <w:drawing>
        - <wp:anchor wp14:editId="39515449" wp14:anchorId="092A5D7E" allowOverlap="1" layoutInCell="1" locked="0"
          behindDoc="0" relativeHeight="251661312" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
          <wp:simplePos y="0" x="0"/>
          - <wp:positionH relativeFrom="page">
            <wp:posOffset>1056005</wp:posOffset>
          </wp:positionH>
          - <wp:positionV relativeFrom="paragraph">
            <wp:posOffset>995045</wp:posOffset>
          </wp:positionV>
          <wp:extent cx="5981065" cy="12065"/>
          <wp:effectExtent r="635" b="6985" t="0" l="0"/>
          <wp:wrapNone/>
          <wp:docPr name="Shape 13825" id="36"/>
          <wp:cNvGraphicFramePr>
            - <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
              - <a:graphicData uri="http://schemas.microsoft.com/office/word/2010/wordprocessingShape">
                - <wps:wsp>
                  <wps:cNvSpPr>
                    - <wps:spPr>
                      - <a:xfrm>
                        <a:off y="0" x="0"/>
                        <a:ext cx="5981065" cy="12065"/>
                      </a:xfrm>
                      - <a:custGeom>
                        <a:avLst/>
                        <a:gdLst/>
                        <a:ahLst/>
                        <a:cxnLst/>
                        <a:rect r="0" b="0" t="0" l="0"/>
                      </a:custGeom>
                    </wps:spPr>
                  </wps:wsp>
                </a:graphicData>
              </a:graphic>
            </wps:cNvGraphicFramePr>
          </wp:cNvGraphicFramePr>
        </wp:anchor>
      </w:drawing>
    </mc:Choice>
  </mc:AlternateContent>
</w:r>

```

```

- <a:path w="5981426" h="12192">
  - <a:moveTo>
    <a:pt y="0" x="0"/>
  - <a:moveTo>
    <a:pt y="0" x="5981426"/>
  - <a:lnTo>
    <a:pt y="12192" x="5981426"/>
  - <a:lnTo>
    <a:pt y="0" x="0"/>
  - <a:lnTo>
    <a:pt y="0" x="0"/>
  </a:path>
</a:pathLst>
<a:custGeom>
- <a:solidFill>
  <a:srgbClr val="000000"/>
</a:solidFill>
- <a:ln w="0" cap="flat">
  <a:noFill/>
  <a:miter lim="127000"/>
  <a:ln>
    <a:effectLst>
</wps:spPr>
<wps:bodyPr>
</wps:wsp>
</a:graphicData>
</a:graphic>
</wp:anchor>
</w:drawing>
</mc:Choice>
- <mc:Fallback>
  - <w:pict>
    - <v:shape id="Shape 13825" w14:anchorId="20BA445B" stroked="f"
      o:gfxdata="UESDBBQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NvbnRlbnRfVHlwZXNdLnhtbJSRQU7DM
      90jcwflWJU67QAgl6YK0S0CoHGBkTxKLZGx5TGhvj5O2G0SRWNoz/78nu9wcxkFMGNg6quQqL6RA
      0s5Y6ir5vt9ID1JwBDIwOMJKHPhlpr69KfdHjyxSmriSfYz+USnWPY7AufNIadK6MEJmX9ApD/oD
      OITrorhX2IFEilmcO2RdNtjC5xDF9pCuTyYBB5bi6bQ4syoJ3g9WQ0ymailZg5KdCXIKLjvcW893
      SUOqXwnz5DrgnHtJTxOsQfEKIT7DmDSUCaxw7Rqn8787ZsmRM9e2VmPeBN4uqYvTtW7jviej9N/y
      JsXecLq0q+WD6m8AAD//wMAUESDBBQABgAIAAAAIQA4/SH/1gAAAJQBAAALAAAAAX3JlbHMvLnJl
      bHOOkMFqWzAMhu+DvYPRFXGawxijTi+j0GvpHsDYimMaW0Yy2fr2M4PBMnrUb/Q94l/fhMi1qR
      JVI2sOt6UJgd+ZiDgffL8ekFfFSbvV0o04EbChzGx4f9GRdb25HMsYhqlCwG5rLq9biZkxWOiqY
      22YiTra2kYMu11tQD30/bPm3wwYN0x18gb45AdQI1tp5j/sFB2T0FQ7R0nTNEV3j6o9feQzro1i
      OWA14Fm+Q8a1a8+Bvu/d/dMb2JY5uiPbhG/ktm4cqGU/er3pcvwCAAD//wMAUESDBBQABgAIAAA
      IQAXUpIZAIAIAHwEAAAAOAAAZHJZL2Uyb0RvYy54bWysVmtu2ZAQvBfoPxC817KU2nUMyzk0SC9F
      GyDpB9AUZRHgCyRj2X/f3ZWlqCnQAKv9IJfkanZmH97dna1hJxWT9q7m5WLJmXLSN9oda/7j+eHD
      hrOUhWuE8U7V/KISv9u/f7frw1ZVvvOmUZEBeIvPtS8yzlsiyLJTlmRFj4oB4+tj1ZkOMZj0UTR
      A7o1RbVcrovexyZEL1VKcHs/PP194betkvl72yaVmak5cMu0RloPuBb7ndgeowidlla4h9YWKEd
      BJ2g7kUW7CXq36CsltEn3+aF9Lbwbaullg2gply+UfUiaBICyQnhSIN6f/Bym+nx8h0U/ObNWdO
      WKgRhWXlzaZaYX76kLbg9bQe4/WUwESx5Za3EEG01NOL1NO1TkzCZer2025XK84k/BWVmgCSvH6
      sXxJ+YvyBCROX1MeStKMluhGS57daEYo7B9LgkTG75AdmqwfmHysQGWHRMrbigpm/Uk9e/LLb0QA
      yddX4+ZeqIqwRsHgO3qMeyC8uecQdZA/eo374A0tSmlCdn/3o/adloOBuim5k3y4nCc4eaObB20M
      Ck7xePhsIjsJHA76XYP+4mYcZg+YSQED2hqRKXHOIw4Vy+oMQ2y0xcR+AqCJO4ZRNIzD5QpspqF9
      0Dr45kjdRffQ4kT+Oo44Q/Mz2PM/jfIPAAAA/8DAFBLAWQUAAYACAAAAACEAysiuQN8AAAAAMAQAA
      DwAAAGRqcy9kb3ducvmV2LnhtbEyPwU7DMMBBE70j8g7VIXBC10wo3SuNUBUQ5U7j05sYmjhrbwXbS
      8PdsTvS2zuafVNuJ9uRUYfYeicgWzAg2tVeta4R8PX59pgDiUk6JTvtvIBfHWFb3d6UsID+4j70
      eEgNwRAXCynApNQXIMbaaCvjwvfa4e3bBysTytBQFeQFw21Hl4xxamXr8IORvX4xuj4fBisg7f3D
      6ue4Z+8+7NbnV2+GMXsW4v5u2m2AJD2lfzPM+IgOFTKd/OBUJB1qzldoxeGJr4HMjozlSyCneZVz
      oFVJr0tUfwAAAP//AwBQSwECLQAUAAYACAAAAACEAtoM4kv4AAADhAQAAEwAAAAAAAAAAAAAAAAA/
      AAAAAW0NvbnRlbnRfVHlwZXNdLnhtbFBLAQItABQABgAIAAAAIQA4/SH/1gAAAJQBAAALAAAAA
      AAAAAAAC8BAABfcmVscy8ucmVsc1BLAQItABQABgAIAAAAIQAXUpIZAIAIAHwEAAAAOAAAAAAAA
      AAAAAAAC4CAABkenMvZTJvRG9jLnhtbFBLAQItABQABgAIAAAAIQDKyK5A3wAAAAAwBAAAPAAAA
      AAAAAAFAFoEABkcnMvZG93bnJldi54bWxQSwUGAAAAAAQABADzAAAAAZgUAAAAA "
      style="position:absolute;margin-left:83.15pt;margin-top:78.35pt;width:470.95pt;height:.95pt;z-index:251661312;visibility:visible;mso-wrap-style:square;mso-wrap-distance-left:9pt;mso-wrap-distance-top:0;mso-wrap-distance-right:9pt;mso-wrap-distance-bottom:0;mso-position-horizontal:absolute;mso-position-horizontal-relative:page;mso-position-vertical:absolute;mso-position-vertical-relative:text;y-text-anchor:top" o:spid=" x0000_s1026" path="m,l5981426,r,12192,12192,,c"
      coordsize="5981426,12192" strokeweight="0" fillcolor="black">
        <v:stroke jointstyle="miter" miterlimit="83231f"/>
        <v:path textboxrect="0,0,5981426,12192" arrowok="t"/>
        <w10:wrap anchorx="page"/>
      </v:shape>
    </w:pict>
  </mc:Fallback>
</mc:AlternateContent>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">

```

```

- <w:rPr>
  <w:fonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
  <w:noProof/>
  <w:color w:val="000000"/>
  <w:sz w:val="20"/>
  <w:lang w:eastAsia="fr-FR"/>
</w:rPr>
- <mc:AlternateContent>
  - <mc:Choice Requires="wps">
    - <w:drawing>
      - <wp:anchor wp14:editId="3077C9AB" wp14:anchorId="001B4020" allowOverlap="1" layoutInCell="1" locked="0"
        behindDoc="0" relativeHeight="251660288" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
        <wp:simplePos y="0" x="0"/>
        - <wp:positionH relativeFrom="column">
          <wp:posOffset>143815</wp:posOffset>
        </wp:positionH>
        - <wp:positionV relativeFrom="paragraph">
          <wp:posOffset>38735</wp:posOffset>
        </wp:positionV>
        <wp:extent cx="5981065" cy="12065"/>
        <wp:effectExtent r="635" b="6985" t="0" l="0"/>
        <wp:wrapNone/>
        <wp:docPr name="Shape 13825" id="35"/>
        <wp:cNvGraphicFramePr/>
      - <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
        - <a:graphicData uri="http://schemas.microsoft.com/office/word/2010/wordprocessingShape">
          - <wps:wsp>
            <wps:cNvSpPr/>
          - <wps:spPr>
            - <a:xfrm>
              <a:off y="0" x="0"/>
              <a:ext cx="5981065" cy="12065"/>
            </a:xfrm>
            - <a:custGeom>
              <a:avLst/>
              <a:gdLst/>
              <a:ahLst/>
              <a:cxnLst/>
              <a:rect r="0" b="0" t="0" l="0"/>
            - <a:pathLst>
              - <a:path w="5981426" h="12192">
                - <a:moveTo>
                  <a:pt y="0" x="0"/>
                </a:moveTo>
                - <a:lnTo>
                  <a:pt y="0" x="5981426"/>
                </a:lnTo>
                - <a:lnTo>
                  <a:pt y="12192" x="5981426"/>
                </a:lnTo>
                - <a:lnTo>
                  <a:pt y="12192" x="0"/>
                </a:lnTo>
                - <a:lnTo>
                  <a:pt y="0" x="0"/>
                </a:lnTo>
              </a:path>
            </a:pathLst>
            <a:custGeom>
          - <a:solidFill>
            <a:srgbClr val="000000"/>
          </a:solidFill>
          - <a:ln w="0" cap="flat">
            <a:noFill/>
            <a:miter lim="127000"/>
          </a:ln>
          <a:effectLst/>
        </wps:spPr>
        <wps:bodyPr/>
      </wps:wsp>
    </a:graphicData>
  </a:graphic>
</wp:anchor>
</w:drawing>
</mc:Choice>
- <mc:Fallback>
  - <w:pict>
    - <v:shape id="Shape 13825" w14:anchorId="22CD2F51" stroked="f"
      o:gfxdata="UESDBBQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NvbnRlbnRfVHlwZXNdLnhthJSRQU7DM
      90jcwflWJU67QAgl6YK0S0cOHGBkTxKLZGx5TGhv5O2G0SRWN0z/78nu9wcxkFMGNg6quQqL6RA
      0s5Y6ir5vt9ID1JwBDIwOMJKHpHlpr69KfdHjyxSmriSfYz+USnWPY7AufNIadK6MEJMs9ApD/oD
      OITrorhX2IFEilmcO2RdNtjC5xDF9pCuTyYBB5bi6bQ4syoJ3g9WQ0ymailLzg5KdCXIKLjvcW893
    </v:shape>
  </w:pict>

```

```

SQUOQXwnz5DrgnHtJtXsOsQfEKIT7DmDSUCaxw7Rqn877ZsmRM9c2VmPeBn7uqYvTtW7jviig9N/y
JsXecLq0q+WD6m8AAAD//wMAUESDBBQABGAIAAAAIQA4/SH/1gAAAJQBAAALAAAAAX3JlbHMvLnJl
bHOkkMFqzwAMhu+DvYPRfXGawxijTi+j0GvpHsDYimMaW0Yy2fr2M4PBMnrUb/Q94U/tHMi1qR
JV12sOt6UJgd+ZiDgflL8ekFfSBvV0oo4EbChzGx4f9GRdb25HMsYhqlCwG5lrLq9biZkxWoiQY
22YtTra2kYMu1lItQD30/bPm3wwYN0x18gb45AdQlItP5j/sFB2T0FQ7R0nTNEV3j6o9feQzroIi
OWA14fm+Q8a1a8+Bvu/d/dMb2JY5SuiPbhG/ktm4cqGU/er3pcvvCAAD//wMAUESDBBQABGAIAAAA
IQCVLTkEAAIAAHwEAAOAAAAAZHJzL2Uyb0RvYy54bWysVmtu2zAqVbFoPxC817KU2nUMyzk0SC9F
GyDpB9AUZRHgCYRj2X/f3ZWlqCnQAkV9LJfkanZmH97dna1hJxWT9q7m5WLJmXLSN9oda/7j+eHD
hrOUhWuE8U7V/KISv9u/f7frw1ZVvOmUZEBiEvBptS8yzsiyLJtImRFj4oB4+tj1ZkOMZj0UTR
A7o1RbVcroveyZEL1VKcHs/PP194betkvl72yaVmak5cMu0RloPuBb7ndgeowidllca4h9YWKEd
BJ2g7kUW7CXq36CsltEn3+aF9Lbwbau1lg2gply+UfPUiaBiCYqNhSIN6f/Bym+nx8h0U/ObFWdO
WkgRhWxlzaZaYX76kLbg9hQe4/WUwESx5zZa3EEGO1NOLINO1TkzCZer2025XAO2hLeyQhNQiteP
5UvKX5QnIHH6mvJQkma0RDda8uxGM0Jh/1jSIDJ+h+zQP3A5G015qDiuVtRQWz/qSePfmNyKA
5OurcXmVVEVYo2DwHT3GPRDe3HOIOsgfvcZ98IYWpTQhu7/7UftOkcFaqZtCtStSczhOcvNHNgzYG
Bad4PHw2kZ0EDg9rKf/cTMOswfMplABbY3IIDjnEYcKZXWGITbaYmI/AdDEHeMoGsOhegU209A+
aB18c6GuontocSJ/HUecofkZ7Pmfxy4nAAAA//8DAFBLAWQUAAYACAAAACEAbaUEU9sAAAAAGAQAA
DwAAAGRyey9kb3ducumV2LnhthEyOwU7DMBBE70j8g7V1XBC1EyAtIzuqgChnSi/c3njEUEn1SJ00/D3mBMfRjN
LEELBLBxDiUnIfGAcvDwg2aUvfpvJUxRd9y5eUpwPw3PcyEKbmVH6cHIQT8Z3Rx3o0WIW3d18/Wx
Fa/Ob5bHZ2fGKKXtEyLyYNw/Aop7j3xh+9ZM61Mnp4EZSgfUleV6kJUKRAUv1fXF7B+yAsBLA64r/
169/AAAA//8DAFBLAQItABQABGAIAAAAIQC2gziS/gAAAOEBAAATAAAAAAAAAAAAAAAAAAAAAABb
Q29udGVudF9UeXBleC10ueG1sUEsBAi0AFAAGAAgAAAAhADJ9Hf/WAAAlAEAAAsAAAAAAAAAAAAA
AAAALEWAAAF9yZWxzL5yZWxzUEsBAi0AFAAGAAgAAAAhAJU1OQQAAgAAFAQAAAA4AAAAAAAAAAAAA
AAAAALgIAAGRyey9lMm9Eb2MueG1sUEsBAi0AFAAGAAgAAAAhAG2IBFPbAAAABgEAAA8AAAAAAAAA
AAAAAAAAAWQAAGRyey9kb3ducumV2LnhthFBLQYAAAAABAAEAPMAAAABiBQAAAAA="
style="position:absolute;margin-left:11.3pt;margin-
top:3.05pt;width:470.95pt;height:.95pt;z-index:251660288;visibility:visible;mso-wrap-style:square;mso-wrap-
distance-left:9pt;mso-wrap-distance-top:0;mso-wrap-distance-right:9pt;mso-wrap-distance-bottom:0;mso-position-
horizontal:absolute;mso-position-horizontal-relative:text;mso-position-vertical:absolute;mso-position-vertical-
relative;text;v-text-anchor:top" o:spid=" _x0000_s1026" path="m,15981426,r,121921,12192,,e"
coordsize="5981426,12192" strokeweight="0" fillcolor="black">
<v:stroke jointstyle="miter" miterlimit="83231f">
<v:path textboxrect="0,0,5981426,12192" arrowok="f">
</v:shape>
</wp:pic>
</mc:Fallback>
</mc:AlternateContent>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
- <w:rPr>
<w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
<w:b/>
<w:noProof/>
<w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
<w:sz w:val="30"/>
<w:szCs w:val="30"/>
<w:lang w:eastAsia="fr-FR"/>
</w:rPr>
- <w:drawing>
- <wp:anchor wp14:editId="1F1E2B43" wp14:anchorId="7E8067E1" allowOverlap="1" layoutInCell="1" locked="0" behindDoc="0"
relativeHeight="251659264" simplePos="0" distR="114300" distL="114300" distB="0" distT="0">
<wp:simplePos y="0" x="0">
- <wp:positionH relativeFrom="margin">
<wp:posOffset>141399</wp:posOffset>
<wp:positionH>
- <wp:positionV relativeFrom="paragraph">
<wp:posOffset>44450</wp:posOffset>
<wp:positionV>
<wp:extent cx="1442720" cy="951230"/>
<wp:effectExtent r="5080" b="1270" t="0" l="0"/>
<wp:wrapNone/>
<wp:docPr name="Picture 2" id="2" descr="H:\1st Partition\My Activities\The NAJFNR\Website\Images\NAJFNR
Logo.png"/>
- <wp:cNvGraphicFramePr>
<a:graphicFrameLocks noChangeAspect="1" xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main"/>
</wp:cNvGraphicFramePr>
- <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
- <a:graphicData uri="http://schemas.openxmlformats.org/drawingml/2006/picture">
- <pic:pic xmlns:pic="http://schemas.openxmlformats.org/drawingml/2006/picture">
- <pic:nvPicPr>
<pic:cNvPr name="Picture 4" id="0" descr="H:\1st Partition\My Activities\The
NAJFNR\Website\Images\NAJFNR Logo.png"/>
- <pic:cNvPicPr>
<a:picLocks noChangeAspect="1" noChangeArrowheads="1"/>
</pic:cNvPicPr>
</pic:nvPicPr>
- <pic:blipFill>
- <a:blip cstate="print" r:embed="rId9">
- <a:extLst>
- <a:ext uri="{28A0092B-C50C-407E-A947-70E740481C1C}">
<a14:useLocalDpi val="0"
xmlns:a14="http://schemas.microsoft.com/office/drawing/2010/main"/>
</a:ext>
</a:ext>

```

```

        </a:extLst>
        </a:blip>
        <a:srcRect/>
        - <a:stretch>
            <a:fillRect/>
        </a:stretch>
    </pic:blipFill>
    - <pic:spPr bwMode="auto">
        - <a:xfrm>
            <a:off y="0" x="0"/>
            <a:ext cx="1442720" cy="951230"/>
        </a:xfrm>
        - <a:prstGeom prst="rect">
            <a:avLst/>
        </a:prstGeom>
        <a:noFill/>
    - <a:ln>
        <a:noFill/>
    </a:ln>
    </pic:spPr>
</pic:pic>
<a:graphicData>
</a:graphic>
- <wp14:sizeRelH relativeFrom="margin">
    <wp14:pctWidth>0</wp14:pctWidth>
</wp14:sizeRelH>
- <wp14:sizeRelV relativeFrom="margin">
    <wp14:pctHeight>0</wp14:pctHeight>
</wp14:sizeRelV>
</wp:anchor>
</w:drawing>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
        <w:noProof/>
        <w:color w:val="000000"/>
        <w:lang w:eastAsia="fr-FR"/>
    </w:rPr>
    - <mc:AlternateContent>
        - <mc:Choice Requires="wpg">
            - <w:drawing>
                - <wp:inline wp14:editId="1BA692B4" wp14:anchorId="636E5B04" distR="0" distL="0" distB="0" distT="0">
                    <wp:extent cx="5988055" cy="1014412"/>
                    <wp:effectExtent r="0" b="0" t="0" l="0"/>
                    <wp:docPr name="Group 10991" id="10991"/>
                    <wp:cNvGraphicFramePr>
                        - <a:graphic xmlns:a="http://schemas.openxmlformats.org/drawingml/2006/main">
                            - <a:graphicData uri="http://schemas.microsoft.com/office/word/2010/wordprocessingGroup">
                                - <wpg:wpg>
                                    <wpg:cNvGrpSpPr/>
                                    - <wpg:grpSpPr>
                                        - <a:xfrm>
                                            <a:off y="0" x="0"/>
                                            <a:ext cx="5988055" cy="1014412"/>
                                            <a:chOff y="39628" x="-43766"/>
                                            <a:chExt cx="5988055" cy="1122214"/>
                                        </a:xfrm>
                                    </wpg:grpSpPr>
                                - <wps:wsp>
                                    <wps:cNvPr name="Rectangle 147" id="147"/>
                                    <wps:cNvSpPr/>
                                    - <wps:spPr>
                                        - <a:xfrm>
                                            <a:off y="39628" x="2990669"/>
                                            <a:ext cx="42144" cy="186477"/>
                                        </a:xfrm>
                                        - <a:prstGeom prst="rect">
                                            <a:avLst/>
                                        </a:prstGeom>
                                        - <a:ln>
                                            <a:noFill/>
                                        </a:ln>
                                    </wps:spPr>
                                - <wps:txbx>
                                    - <w:txbxContent>
                                        - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D" w14:textId="77777777" w14:paraId="5BCF5100">
                                            - <w:r>
                                                <w:t xml:space="preserve"></w:t>
                                            </w:r>
                                        </w:p>
                                    </w:txbxContent>
                                </wps:txbx>
                            </a:graphicData>
                        </a:graphic>
                    </wp:cNvGraphicFramePr>
                </wp:inline>
            </w:drawing>
        </mc:Choice>
    </mc:AlternateContent>
</w:r>

```

```

        </w:txbxContent>
      </wps:txbx>
    - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
      horzOverflow="overflow">
      <a:noAutofit/>
    </wps:bodyPr>
  </wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 148" id="148"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="507496" x="2990669"/>
      <a:ext cx="42144" cy="186477"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
      w14:textId="77777777" w14:paraId="6B569B17">
      - <w:r>
        <w:t xml:space="preserve"></w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
  </wps:txbx>
  - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
    horzOverflow="overflow">
    <a:noAutofit/>
  </wps:bodyPr>
</wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 149" id="149"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="975365" x="2990669"/>
      <a:ext cx="42144" cy="186477"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
      w14:textId="77777777" w14:paraId="3D879BEC">
      - <w:r>
        <w:t xml:space="preserve"></w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
  </wps:txbx>
  - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
    horzOverflow="overflow">
    <a:noAutofit/>
  </wps:bodyPr>
</wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 239" id="239"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="517241" x="1971991"/>
      <a:ext cx="1781790" cy="168235"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </wps:spPr>

```

```

- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRPr="0073549D"
      w:rsidR="00850D1D" w14:textId="77777777" w14:paraId="3300E65F">
      - <w:pPr>
        <w:jc w:val="center"/>
        - <w:rPr>
          <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
          <w:sz w:val="20"/>
          <w:szCs w:val="20"/>
          <w:lang w:val="en-US"/>
        </w:rPr>
      </w:pPr>
    - <w:r w:rsidRPr="0073549D">
      - <w:rPr>
        <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
        <w:sz w:val="20"/>
        <w:szCs w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t>Contents lists available at</w:t>
    </w:r>
  </w:p>
</w:txbxContent>
</wps:txbx>
- <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
  horzOverflow="overflow">
  <a:noAutofit/>
</wps:bodyPr>
</wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 242" id="242"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="555884" x="3543881"/>
      <a:ext cx="38021" cy="168235"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
      w14:textId="77777777" w14:paraId="48A0E367">
      - <w:r>
        <w:t xml:space="preserve"></w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
</wps:txbx>
- <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
  horzOverflow="overflow">
  <a:noAutofit/>
</wps:bodyPr>
</wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Shape 13829" id="13829"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="673229" x="43766"/>
      <a:ext cx="5981064" cy="365760"/>
    </a:xfrm>
    - <a:custGeom>
      <a:avLst/>
      <a:gdLst/>
      <a:ahLst/>
      <a:cxnLst/>
      <a:rect r="0" b="0" t="0" l="0"/>
      - <a:pathLst>
        - <a:path w="5467472" h="365760">
          - <a:moveTo>
            <a:pt y="0" x="0"/>
          </a:moveTo>
          - <a:lnTo>
            <a:pt y="0" x="5467472"/>
          </a:lnTo>
        </a:path>
      </a:pathLst>
    </a:custGeom>
  </wps:spPr>

```

```

- <a:lnTo>
  <a:pt y="365760" x="5467472"/>
</a:lnTo>
- <a:lnTo>
  <a:pt y="365760" x="0"/>
</a:lnTo>
- <a:lnTo>
  <a:pt y="0" x="0"/>
</a:lnTo>
</a:path>
</a:pathLst>
</a:custGeom>
- <a:solidFill>
  - <a:srgbClr val="70AD47">
    <a:lumMod val="40000"/>
    <a:lumOff val="60000"/>
  </a:srgbClr>
</a:solidFill>
- <a:ln w="0" cap="rnd">
  <a:noFill>
  <a:miter lim="127000"/>
</a:ln>
<a:effectLst>
</wps:spPr>
</wps:bodyPr>
</wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 244" id="244"/>
  <wps:cNvSpPr>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="697360" x="1835110"/>
      <a:ext cx="2933739" cy="168235"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst>
      </a:prstGeom>
    - <a:ln>
      <a:noFill>
    </a:ln>
  </wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRPr="0073549D"
      w:rsidR="00850D1D" w:l4:textId="77777777" w:l4:paraId="513C3FBC">
      - <w:pPr>
        - <w:rPr>
          <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
          <w:sz w:val="20"/>
          <w:szCs w:val="20"/>
          <w:lang w:val="en-US"/>
        </w:rPr>
      </w:pPr>
    - <w:r w:rsidRPr="0073549D">
      - <w:rPr>
        <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
        <w:sz w:val="20"/>
        <w:szCs w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t xml:space="preserve">Journal homepage: </w:t>
    </w:r>
    - <w:hyperlink r:id="rId10" w:history="1">
      - <w:r w:rsidRPr="0073549D">
        - <w:rPr>
          <w:rStyle w:val="Hyperlink"/>
          <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>https://www.najfnr.org</w:t>
      </w:r>
    </w:hyperlink>
    - <w:r w:rsidRPr="0073549D">
      - <w:rPr>
        <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
        <w:sz w:val="20"/>
        <w:szCs w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t xml:space="preserve"></w:t>
    </w:r>
  </w:txbxContent>

```

```

        </wps:txbx>
        - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
          horzOverflow="overflow">
          <a:noAutofit/>
        </wps:bodyPr>
      </wps:wsp>
    - <wps:wsp>
      <wps:cNvPr name="Rectangle 246" id="246"/>
      <wps:cNvSpPr/>
      - <wps:spPr>
        - <a:xfrm>
          <a:off y="697616" x="3882209"/>
          <a:ext cx="38021" cy="168235"/>
        </a:xfrm>
        - <a:prstGeom prst="rect">
          <a:avLst/>
        </a:prstGeom>
        - <a:ln>
          <a:noFill/>
        </a:ln>
      </wps:spPr>
    - <wps:txbx>
      - <w:txbxContent>
        - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
          w14:textId="77777777" w14:paraId="55CA1D13">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </wps:txbx>
    - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
      horzOverflow="overflow">
      <a:noAutofit/>
    </wps:bodyPr>
  </wps:wsp>
- <wps:wsp>
  <wps:cNvPr name="Rectangle 255" id="255"/>
  <wps:cNvSpPr/>
  - <wps:spPr>
    - <a:xfrm>
      <a:off y="906785" x="5902145"/>
      <a:ext cx="42144" cy="186477"/>
    </a:xfrm>
    - <a:prstGeom prst="rect">
      <a:avLst/>
    </a:prstGeom>
    - <a:ln>
      <a:noFill/>
    </a:ln>
  </wps:spPr>
- <wps:txbx>
  - <w:txbxContent>
    - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
      w14:textId="77777777" w14:paraId="79320767">
      - <w:r>
        <w:t xml:space="preserve"></w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
  </wps:txbx>
  - <wps:bodyPr rtlCol="0" bIns="0" rIns="0" tIns="0" lIns="0" vert="horz"
    horzOverflow="overflow">
    <a:noAutofit/>
  </wps:bodyPr>
</wps:wsp>
</wpg:wgp>
</a:graphicData>
</a:graphic>
</wp:inline>
</w:drawing>
</mc:Choice>
- <mc:Fallback>
  - <w:pict>
    - <v:group id="Group 10991" w14:anchorId="636E5B04"
      o:gfxdata="UESDBBQABgAIAAAAIQC2gziS/gAAAOEBAAATAAAAW0NvbnRlbnRfVHlwZXNdLnhtbJSRQU7DM
      90jcwflWJU67QAgl6YK0S0CoHGBkTxKLZGx5TGhvj5O2G0SRWNoz/78nu9wcxkFMGNg6quQqL6RA
      0sY6ir5vt9ID1JwBDIwOMJKHplHpr69KfdHjyxSmriSfYz+USnWPY7AufNIadK6MEJmX9ApD/oD
      OfTrorhX2IFEilmcO2RdNtjC5xDF9pCuTyYBB5bi6bQ4syoJ3g9WQ0ymailZg5KdCXIKLjvcW893
      SUOqXwnz5DrgnHtJTxOsQfEKIT7DmDSUCaxw7Rqn8787ZsmRM9e2VmPeBN4uqYvTtW7jvijg9N/y
      JsXecLq0q+WD6m8AAAD/wMAUESDBBQABgAIAAAAIQA4/SH/1gAAAQJBAAALAAAX3JlbHMvLnJl
      bHOKkMFqvwzAMhu+DvYPRfXGawxijTi+j0GvpHsDYimMaW0Yy2fr2M4PBMnrUb/Q94l/fhMi1qR

```

[illegible]

```

DwAAAAAAAAAAAAAAAAAHAgAAZHJzL2Rvd25yZXZYueG1sUEsFBgAAAAADAAMAtwAAAPoCAAAA/
" style="position:absolute;left:29906;top:5074;width:422;height:1865;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1030">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
        w14:textId="7777777" w14:paraId="6B569B17">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </v:textbox>
  </v:rect>
- <v:rect id="Rectangle 149" stroked="f" filled="f"
o:gfxdata="UESDBBQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbNRIbnRfVHlwZXNdLnhtbHyQzl
70i8Q+QralM4IITa7kDhCAiNB7ASi43WOIEcyvb2pNu4IODoPz9/n1xv9vOkForiPddwXVagi123
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywNjCmFe63FjDSjID4Q50nv44wpl3HQAc0OB9I3
VXWrrjedEnIq03oC27qjHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSNOhDInjzsyuiBXWQP0
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpzf/yGo5S+H73hkquyhdjr3R8m2lj09svvAAAP//
AwBQSwMEFAAGAAgAAAAhAFr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2zPwWrDMAwG4Ptg72B0
X5TuUMaI01uh19I+gLGvxCy2jGSy9eInemrHjpL4P0nD4SetZiPRyNnCruvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGKlVgtLreUTUfI CyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCczVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQDIa/wXwgAAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRE9Ni8lw
EL0L/ocwgjdNXURsIyjiKnp0VdC9Dc1sW7aZiCba6q83C4K3ebzPmS1aU4ob1a6wrGA0jEAQp1YX
nCK4HTeDKQjnkTWWlknBnRws5t3ODBNtG/6m28FnIoSwS1BB7n2VSONsnAy6oa2IA/dra4M+wDqT
usYmhJtSfkTRRBosODTkWNEqp/TvcDUKttNqednZR5OV65/teX+Ov46xV6rfa5eflDy1/i1+uXc6
zB/H8P9MuEDOnwAAAP//AwBQSwECLQAUAAYACAAAACEA2+H2y+4AAACFAQAAEwAAAAAAAAAAAA
AAAAAAAAA0NvbNRIbnRfVHlwZXNdLnhtbFBLAQItABQABgAIAAAAIQBa9CxbvwAAABUBAAALAAA.
AAAAAAAAAAAAAB8BAABfcmVscy8ucmVsc1BLAQItABQABgAIAAAAIQDIa/wXwgAAANwAAAAAPAAA
AAAAAAAAAAAAAAcCAABkcnMvZG93bnJldi54bWxQSWUGAAAAAAMAAwC3AAAA9gIAAAAA "
style="position:absolute;left:29906;top:9753;width:422;height:1865;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1031">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
        w14:textId="7777777" w14:paraId="3D879BEC">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </v:textbox>
  </v:rect>
- <v:rect id="Rectangle 239" stroked="f" filled="f"
o:gfxdata="UESDBBQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbNRIbnRfVHlwZXNdLnhtbHyQzl
70i8Q+QralM4IITa7kDhCAiNB7ASi43WOIEcyvb2pNu4IODoPz9/n1xv9vOkForiPddwXVagi123
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywNjCmFe63FjDSjID4Q50nv44wpl3HQAc0OB9I3
VXWrrjedEnIq03oC27qjHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSNOhDInjzsyuiBXWQP0
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpzf/yGo5S+H73hkquyhdjr3R8m2lj09svvAAAP//
AwBQSwMEFAAGAAgAAAAhAFr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2zPwWrDMAwG4Ptg72B0
X5TuUMaI01uh19I+gLGvxCy2jGSy9eInemrHjpL4P0nD4SetZiPRyNnCruvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGKlVgtLreUTUfI CyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCczVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQBLSo4WxgAAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRI9Ba8JA
FITvBf/D8oTe6qYRiomuIlpJm0UbG+P7DMJzb4N2a1J++u7BcHjMDPfmKvNaFpxpd41lhU8zyIQ
xKXVDVcKtSfD0wKE88gaW8uk4IccbNaThxWm2g78TtfCVyJA2KWooPa+S6V0ZU0G3cx2xMG72N6g
D7KvpO5xCHDTyjiKXqTBhsNCjR3taiq/im+jlFt024/c/g5V+/qZnd/OyF6YcUep+N2CCLT6O/h
WzvXCuJ5Av9nwhGQ6z8AAAD//wMAUEsBAi0AFAGAAgAAAAhANvh9svuAAAAhQEABMAAAAAAAAA/
AAAAAAAAAAAAAAfDb250ZW50X1R5cGVzXS54bWxQSWECLQAUAAYACAAAACEAwvQsW78AAAAV
CwAAAAAAAAAAAAAAAAAFAQAAX3JlbHMvLnJlbHNQSwECLQAUAAYACAAAACEAS0juFsYAAADc/
DwAAAAAAAAAAAAAAAAAHAgAAZHJzL2Rvd25yZXZYueG1sUEsFBgAAAAADAAMAtwAAAPoCAAAA/
" style="position:absolute;left:19719;top:5172;width:17818;height:1682;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1032">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRPr="0073549D"
        w:rsidR="00850D1D" w14:textId="7777777" w14:paraId="3300E65F">
          - <w:pPr>
            <w:je w:val="center">
          - <w:rPr>
            <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
            <w:sz w:val="20"/>
            <w:szCs w:val="20"/>
            <w:lang w:val="en-US"/>
          </w:rPr>
        </w:pPr>
      - <w:r w:rsidRPr="0073549D">
        <w:rPr>
          <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
          <w:sz w:val="20"/>
        </w:rPr>
      </w:r>
    </w:p>
  </v:rect>

```

```

        <w:szCs w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Contents lists available at</w:t>
</w:r>
</w:p>
</w:txbxContent>
</v:textbox>
</v:rect>
- <v:rect id="Rectangle 242" stroked="f" filled="f"
o:gfxdata="UESDBBQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbNRIbnRfVHlwZXNdLnhtbHyQzl
70i8Q+QralM4IITa7kDhCAiNB7ASi43WOIEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagi123
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywnJcMFe63FjDSjID4Q50nv44wpl3HQAc0OB9I3
VXWrijedEnlQ03oC27qjHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQPO
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpfz/yGo5S+H73hkquyhdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAgAAAAhAfr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2ZzPwWrDMAwG4Ptg72B0
X5TuUMa10uh19I+gLGvxCy2jGSy9eInemrHjpL4P0nD4SetZiPRyNnCrubBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGIKVgtLreUTUflCyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQAd6g8axQAAANwAAAAAPAAAAZHJzL2Rvd25yZXlueG1sRE9Na8JA
FMTvvn6H8Ba8aWpZKRktRZNdFj/5ZUG+P5tkWm5fSRFv99EYQ9jjMzG+Y6bw1pbhR7QrLCgb9CARx
anXBmYK/W9vBMJ5ZlZlZVJwJwfz2Udniom2DW/ptvOZCBB2CSrIva8SKV2ak0HXtxvX8M62NuiD
rDOpa2wC3JQyjqKhNFhwWMixou+c0svuahSsRtXiuLaPjJuxP9Vhexj/7Mdeqe5nu5iA8NT6//C7
vdYK4q8YXmfCEZCzJwAAAP//AwBQSwMECLQAUAAYACAAACEA2+H2y+4AAACFAQAAAEwAAAAAA/
AAAAAAW0NvbNRIbnRfVHlwZXNdLnhtbFBLAQItABQABgAIAAAAIQBa9CxbvwAAABUBAA
AAAAAAW0NvbNRIbnRfVHlwZXNdLnhtbFBLAQItABQABgAIAAAAIQAd6g8axQAAANwAAAA
AAAAAAW0NvbNRIbnRfVHlwZXNdLnhtbFBLAQItABQABgAIAAAAIQAd6g8axQAAANwAAAA
" style="position:absolute;left:35438;top:5558;width:381;height:1683;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1033">
- <v:textbox inset="0,0,0,0">
- <w:txbxContent>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
w14:txtid="7777777" w14:paralid="48A0E367">
- <w:r>
<w:t xml:space="preserve"></w:t>
</w:r>
</w:p>
</w:txbxContent>
</v:textbox>
</v:rect>
- <v:shape id="Shape 13829" stroked="f"
o:gfxdata="UESDBBQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbNRIbnRfVHlwZXNdLnhtbHyQzl
70i8Q+QralM4IITa7kDhCAiNB7ASi43WOIEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagi123
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywnJcMFe63FjDSjID4Q50nv44wpl3HQAc0OB9I3
VXWrijedEnlQ03oC27qjHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQPO
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpfz/yGo5S+H73hkquyhdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAgAAAAhAfr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2ZzPwWrDMAwG4Ptg72B0
X5TuUMa10uh19I+gLGvxCy2jGSy9eInemrHjpL4P0nD4SetZiPRyNnCrubBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGIKVgtLreUTUflCyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQDvPtAxAAAAAN4AAAAAPAAAAZHJzL2Rvd25yZXlueG1sRE9Na8JA
EL0X/A/LCL2UulFpqtFVpK3gVePF25Adk2h2NuxuNfn3XaHgbR7ve5brzjTiRs7XlhWMrwk14sLq
mksFx3z7PgPhA7LgXjlp6MnDejV4WVWKm7Z33dDuEUsQQ9hkkqEJoMyI9UZFBP7tceT0lHkMEbpS
aof3G44OUMSVBqsOTZU2NjXRcX18GsUTNO33cf4W/d9mV9Se/485u70o9TrsNssQATqwlP8797p
OH86m8zh8U68Qa7+AAAA/8DAFBLAQItABQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAAA
AAAAAAAAABbQ29udGVudF9UeXBle10ueG1sUeSBai0AFAAGAAgAAAAhAfr0LFu/AAAAFQEAAAsA
AAAAAAAAAAAAAAAAHwEAAf9yZWxzLy5yZWxzUEsBAi0AFAAGAAgAAAAhAfr0LFu/AAAAFQEAAAsA
AAAAAAAAAAAAAAAAABwIAAGRyey9kb3ducumV2LnhtbFBLBQYAAAAAAwADALcAAAD4AgAAAAA="
" style="position:absolute;left:-437;top:6732;width:59809;height:3657;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1034" path="m,15467472,r,365760l,365760,e"
coordsize="5467472,365760" strokeweight="0" fillcolor="#c5e0b4">
<v:stroke jointstyle="miter" miterlimit="83231f" endcap="round"/>
<v:path textboxrect="0,0,5467472,365760" arrowok="t"/>
</v:shape>
- <v:rect id="Rectangle 244" stroked="f" filled="f"
o:gfxdata="UESDBBQABgAIAAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbNRIbnRfVHlwZXNdLnhtbHyQzl
70i8Q+QralM4IITa7kDhCAiNB7ASi43WOIEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagi123
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywnJcMFe63FjDSjID4Q50nv44wpl3HQAc0OB9I3
VXWrijedEnlQ03oC27qjHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQPO
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpfz/yGo5S+H73hkquyhdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAgAAAAhAfr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2ZzPwWrDMAwG4Ptg72B0
X5TuUMa10uh19I+gLGvxCy2jGSy9eInemrHjpL4P0nD4SetZiPRyNnCrubBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGIKVgtLreUTUflCyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQD9TzL1xgAAANwAAAAAPAAAAZHJzL2Rvd25yZXlueG1sRE9Ba8JA
FITvg9heYXezKYioqmriK2Yy5S0t4e2dckNPs2ZFeT+uu7BcHjMDPFmJvdaFpxod41lhU8RTEI
4tLqhisFH/XgtLhPLLG1Jlp+CUHu+10ssFE24HF6ZL5SgQluwQV1N53iZSurMmgizxHHLxv2xv0
QfaV1D00Aw5aOY/jpTTYcFiosANDTEVPdjYKtqtu/5na61C1r1+n4q1Yv+Rrr9Tjw7h/BuFp9Pfw
rZ1qBtPFv7PhCMgt38AAD//wMAUEsBAi0AFAAGAAgAAAAhAfr0LFu/AAAAFQEAAABMAAAAAA/
AAAAAAAAAAAAAAAAFDb250ZD50X1R5cGVzXS54bWxQSwECLQAUAAYACAAACEAwW7QsW78AAAAV
CwAAAAAAAAAAAAAAAAAfAQAAAX3JlbHMvLnJlbHNQSwECLQAUAAYACAAACEAwU8y9cYAAADc/
DwAAAAAAAAAAAAAAAAAHAgAAAZHJzL2Rvd25yZXlueG1sUeSBgAAAAADAAAMatwAAAPoCAAAA/

```

```

" style="position:absolute;left:18352;top:6973;width:29337;height:1682;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1035">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidRP="0073549D"
        w:rsidR="00850D1D" w14:textId="7777777" w14:paraId="513C3FBC">
          - <w:pPr>
            - <w:rPr>
              <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
              <w:sz w:val="20"/>
              <w:szCs w:val="20"/>
              <w:lang w:val="en-US"/>
            </w:rPr>
          </w:pPr>
        - <w:r w:rsidRP="0073549D">
          - <w:rPr>
            <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
            <w:sz w:val="20"/>
            <w:szCs w:val="20"/>
            <w:lang w:val="en-US"/>
          </w:rPr>
          <w:t xml:space="preserve">Journal homepage: </w:t>
        </w:r>
      - <w:hyperlink r:id="rId11" w:history="1">
        - <w:r w:rsidRP="0073549D">
          - <w:rPr>
            <w:rStyle w:val="Hyperlink"/>
            <w:lang w:val="en-US"/>
          </w:rPr>
          <w:t>https://www.najfnr.org</w:t>
        </w:r>
      - <w:r w:rsidRP="0073549D">
        - <w:rPr>
          <w:rFonts w:hAnsi="Tw Cen MT" w:ascii="Tw Cen MT"/>
          <w:sz w:val="20"/>
          <w:szCs w:val="20"/>
          <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve"></w:t>
      </w:r>
    </w:p>
  </w:txbxContent>
</v:textbox>
</v:rect>
- <v:rect id="Rectangle 246" stroked="f" filled="f"
o:gfxdata="UEsDBBQABGAlAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbnRlbnRlVHlwZXNdLnhthHyQzL
70i8Q+QralM4IITa7kDhCAiNB7ASi43W0IEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagil23
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywNjCmFe63FjDSjldQ450nv44wpl3HQAc0OB9I3
VXWJrdEnIq03oC27qHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQP0
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpzf/yGo5S+H73hkquyhjdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAAGAAAhAFr0LFu/AAAAFQEAAsAAABfcmVscy8ucmVscz2zPwWrDMAwG4Ptg72B0
XSTuUaMaI01uh19I+gLGvXcY2jGSy9eInemrHjplL4P0nD4SetZiPRyNnCrurvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGikVgtLreUTUfiCyWnHhXKbTCzJ1VbKjMXSLzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFLw81c5zQp6m6P9TmfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABGAlAAAIQBi0QkZxAAAAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRI9Pi8W
FMTvtg8hPMGbpqIVQOIuuhx/QPq7dE822LzUpqsrX76jbCwx2FmfsPMI40pxJMqltWMOhHlIgT
q3NOFZPXpX70JCOeRNRaWScGLHCwX7dYcY21rPtDz6FMRI0xiVJB5X8ZSuiQJg65Vs+Lg3W110AdZ
pVJXWAc4KeQwisbSYM5hIcOS1hklj+OPUbCblKvr3r7rtNjdpfvy3Rzmnnqlup1mNQphqfh/4b/2
XisYjsbwOROOgFz8AgAA//8DAFBLAQIBABQABGAlAAAIQDdb4fbL7gAAAIUBAAATAAAAA
AAAAAAAAAAABbQ29udG9VudF9UeXBlc10ueG1sUEsBAi0AFAAGAAAGAAAAhAFr0LFu/AAAAFQEAAsA
AAAAAAAAAAAAAAAAAHwEAAf9yZWxzLySyZWxzUEsBAi0AFAAGAAAGAAAAhAGLRCRnEAAAA3AAA
AAAAAAAAAAAAAAAAABwIAAGRycy9kb3ducumV2LnhtbFBLBQYAAAAAAAAAwADALcAA4AgAAAA=
" style="position:absolute;left:38822;top:6976;width:380;height:1682;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1036">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
        w14:textId="7777777" w14:paraId="55CA1D13">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </v:textbox>
  </v:rect>
- <v:rect id="Rectangle 255" stroked="f" filled="f"
o:gfxdata="UEsDBBQABGAlAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbnRlbnRlVHlwZXNdLnhthHyQzL
70i8Q+QralM4IITa7kDhCAiNB7ASi43W0IEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagil23
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywNjCmFe63FjDSjldQ450nv44wpl3HQAc0OB9I3
VXWJrdEnIq03oC27qHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQP0
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpzf/yGo5S+H73hkquyhjdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAAGAAAhAFr0LFu/AAAAFQEAAsAAABfcmVscy8ucmVscz2zPwWrDMAwG4Ptg72B0
XSTuUaMaI01uh19I+gLGvXcY2jGSy9eInemrHjplL4P0nD4SetZiPRyNnCrurvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGikVgtLreUTUfiCyWnHhXKbTCzJ1VbKjMXSLzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFLw81c5zQp6m6P9TmfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABGAlAAAIQBi0QkZxAAAAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRI9Pi8W
FMTvtg8hPMGbpqIVQOIuuhx/QPq7dE822LzUpqsrX76jbCwx2FmfsPMI40pxJMqltWMOhHlIgT
q3NOFZPXpX70JCOeRNRaWScGLHCwX7dYcY21rPtDz6FMRI0xiVJB5X8ZSuiQJg65Vs+Lg3W110AdZ
pVJXWAc4KeQwisbSYM5hIcOS1hklj+OPUbCblKvr3r7rtNjdpfvy3Rzmnnqlup1mNQphqfh/4b/2
XisYjsbwOROOgFz8AgAA//8DAFBLAQIBABQABGAlAAAIQDdb4fbL7gAAAIUBAAATAAAAA
AAAAAAAAAAABbQ29udG9VudF9UeXBlc10ueG1sUEsBAi0AFAAGAAAGAAAAhAFr0LFu/AAAAFQEAAsA
AAAAAAAAAAAAAAAAAHwEAAf9yZWxzLySyZWxzUEsBAi0AFAAGAAAGAAAAhAGLRCRnEAAAA3AAA
AAAAAAAAAAAAAAAAABwIAAGRycy9kb3ducumV2LnhtbFBLBQYAAAAAAAAAwADALcAA4AgAAAA=
" style="position:absolute;left:38822;top:6976;width:380;height:1682;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1036">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
        w14:textId="7777777" w14:paraId="55CA1D13">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </v:textbox>
  </v:rect>
- <v:rect id="Rectangle 255" stroked="f" filled="f"
o:gfxdata="UEsDBBQABGAlAAAIQDb4fbL7gAAAIUBAAATAAAAW0NvbnRlbnRlVHlwZXNdLnhthHyQzL
70i8Q+QralM4IITa7kDhCAiNB7ASi43W0IEcyvb2pNu4IODoPz9/n1xv9vOkForiPDdwXVagil23
jocG3rdPxR0oSegWJ8/UwIEENu3IRb09BBKV0ywNjCmFe63FjDSjldQ450nv44wpl3HQAc0OB9I3
VXWJrdEnIq03oC27qHjympx31un0wiTQLq4bS4shrAECZnMGVTvbD9QSnOhDInjzsyuiBXWQP0
r4R18jfgnHvJr4nOknrFmJ5xzhraRtHWf3Kkpzf/yGo5S+H73hkquyhjdjr3R8m2lj09svwAAAP//
AwBQSwMEFAAGAAAGAAAhAFr0LFu/AAAAFQEAAsAAABfcmVscy8ucmVscz2zPwWrDMAwG4Ptg72B0
XSTuUaMaI01uh19I+gLGvXcY2jGSy9eInemrHjplL4P0nD4SetZiPRyNnCrurvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGikVgtLreUTUfiCyWnHhXKbTCzJ1VbKjMXSLzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFLw81c5zQp6m6P9TmfB3PtPWFCCzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABGAlAAAIQBi0QkZxAAAAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRI9Pi8W
FMTvtg8hPMGbpqIVQOIuuhx/QPq7dE822LzUpqsrX76jbCwx2FmfsPMI40pxJMqltWMOhHlIgT
q3NOFZPXpX70JCOeRNRaWScGLHCwX7dYcY21rPtDz6FMRI0xiVJB5X8ZSuiQJg65Vs+Lg3W110AdZ
pVJXWAc4KeQwisbSYM5hIcOS1hklj+OPUbCblKvr3r7rtNjdpfvy3Rzmnnqlup1mNQphqfh/4b/2
XisYjsbwOROOgFz8AgAA//8DAFBLAQIBABQABGAlAAAIQDdb4fbL7gAAAIUBAAATAAAAA
AAAAAAAAAAABbQ29udG9VudF9UeXBlc10ueG1sUEsBAi0AFAAGAAAGAAAAhAFr0LFu/AAAAFQEAAsA
AAAAAAAAAAAAAAAAAHwEAAf9yZWxzLySyZWxzUEsBAi0AFAAGAAAGAAAAhAGL
```

```

AwBQSwMEFAAGAAgAAAAhAFr0LFu/AAAAFQEAAAsAAABfcmVscy8ucmVsc2ZwWrDMAwG4Ptg72B0
X5TuUMaI01uh19I+gLGvxCy2jGSy9e1nemrHjpL4P0nD4SetZiPRyNnCruvBUPYcYp4tXC/Htw8w
Wl0ObuVMFm6kcBhfX4Yzra62kC6xqGlikVgtLreUTUfLCyWnHhXKbTCzJ1VbKjMX5LzcTvvf9HuXR
gPHJNKdgQU5hB+ZyK23zHztFL6w81c5zQp6m6P9TMfB3PtPWFCEzVQtB9N4U2rp2HOA44NMz4y8A
AAD//wMAUEsDBBQABgAIAAAAIQAX2gGzxAANwAAAAAPAAAAZHJzL2Rvd25yZXZYueG1sRl9Ba8JA
FITvgY9heYXezKaCoqmriK2YY5sU0t4e2dckNPs2ZFeT+uu7BcHjMDPFmJvdaFpxod41lhU8RTEI
4tLqhisFH/xtgHPLLGLjlp+CUHu+10ssFE24Hf6ZL5SgQIuwQV1N53iZSurMmgi2xHHLxv2xv0
QfaV1D00AW5aOY/jpTTYcFiosaNDTeVPdjYKTqtu/5na61C1r1+n4q1Yv+Rrr9Tjw7h/BuFp9Pfw
rZlqBfPFAv7PhCMgt38AAD//wMAUEsBAi0AFAAGAAgAAAAhANvh9svuAAAAhQEAAABMAAAAAAAAA/
AAAAAAAAAAAAAAAAAftDb250ZW50X1R5cGVzXS54bWxQSwECLQAUAAYACAAAACEAWvQsW78AAAAV
CwAAAAAAAAAAAAAAAAAfaQAAX3JlbHMvLnJlbHNQSwECLQAUAAYACAAAACEAF9oBs8YAAADc
DwAAAAAAAAAAAAAAAAAHAgAAZHJzL2Rvd25yZXZYueG1sUEsFBgAAAAADAAMAtwAAAPoCAAAA/
" style="position:absolute;left:59021;top:9067;width:421;height:1865;visibility:visible;mso-wrap-
style:square;v-text-anchor:top" o:spid="_x0000_s1037">
  - <v:textbox inset="0,0,0,0">
    - <w:txbxContent>
      - <w:p w:rsidP="00B87D58" w:rsidRDefault="00850D1D" w:rsidR="00850D1D"
        w14:textId="77777777" w14:paraId="79320767">
          - <w:r>
            <w:t xml:space="preserve"></w:t>
          </w:r>
        </w:p>
      </w:txbxContent>
    </v:textbox>
  </v:rect>
  <w10:anchorlock>
</v:group>
</w:pict>
</mc:Fallback>
</mc:AlternateContent>
</w:r>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00D67210" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="0544C9B4"
  w14:paraId="325414F3">
  - <w:pPr>
    <w:keepNext/>
    <w:keepLines/>
    <w:spacing w:after="147" w:lineRule="auto" w:line="277"/>
    <w:ind w:hanging="10" w:left="240"/>
    <w:jc w:val="center"/>
    <w:outlineLvl w:val="0"/>
  - <w:rPr>
    <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
    <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
    <w:sz w:val="30"/>
    <w:szCs w:val="30"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  <w:pPr>
    <w:bookmarkStart w:name="Hlk24548191" w:id="4"/>
  - <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
      <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
      <w:b/>
      <w:bCs/>
      <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
      <w:sz w:val="30"/>
      <w:szCs w:val="30"/>
      <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve">Beneficial Effects of a Fermented Maize product with Its Supernatant,</w:t>
  </w:r>
  - <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
      <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
      <w:b/>
      <w:bCs/>
      <w:i/>
      <w:iCs/>
      <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
      <w:sz w:val="30"/>
      <w:szCs w:val="30"/>
      <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Lactobacillus fermentum</w:t>
  </w:r>
  - <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
      <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
      <w:b/>
      <w:bCs/>
      <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>

```

```

        <w:sz w:val="30"/>
        <w:szCs w:val="30"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"> and </w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
        <w:b/>
        <w:bCs/>
        <w:i/>
        <w:iCs/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
        <w:sz w:val="30"/>
        <w:szCs w:val="30"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Lactobacillus brevis</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Century Gothic" w:eastAsia="Calibri" w:ascii="Century Gothic"/>
        <w:b/>
        <w:bCs/>
        <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
        <w:sz w:val="30"/>
        <w:szCs w:val="30"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"> in Rat Model of Colitis</w:t>
</w:r>
<w:bookmarkEnd w:id="4"/>
</w:p>
- <w:p w:rsidP="002208D1" w:rsidRDefault="00374195" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="4D5E7A86"
w14:paraId="SEB47DED">
    - <w:pPr>
        <w:spacing w:after="5"/>
        <w:ind w:hanging="10" w:left="235"/>
        <w:jc w:val="center"/>
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:b/>
        <w:bCs/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
</w:pPr>
<w:bookmarkStart w:name="_Hlk24548171" w:id="5"/>
- <w:r>
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Harun</w:t>
</w:r>
- <w:r>
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
    </w:rPr>
    <w:t>a</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"> </w:t>
</w:r>
- <w:r>
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>

```

```

        </w:rPr>
        <w:t>J</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve">.</w:t>
    </w:r>
    - <w:r>
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>AUDU</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve"></w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:vertAlign w:val="superscript"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>I</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve">,</w:t>
    </w:r>
    <w:proofErr w:type="spellStart"/>
    - <w:r w:rsidRPr="00E40A36" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:u w:val="single"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>Oyindamola</w:t>
    </w:r>
    <w:proofErr w:type="spellEnd"/>
    - <w:r w:rsidRPr="00E40A36" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:u w:val="single"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve">A. ABIODUN</w:t>
    </w:r>
    <w:bookmarkEnd w:id="5"/>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>

```

```

        </w:rPr>
        <w:t xml:space="preserve"></w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:vertAlign w:val="superscript"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>2</w:t>
    </w:r>
    - <w:r w:rsidR="009C1113">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:vertAlign w:val="superscript"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve"></w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="009C1113">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>*</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve"></w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>and</w:t>
    </w:r>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t xml:space="preserve"></w:t>
    </w:r>
    <w:bookmarkStart w:name=" Hlk24548153" w:id="6"/>
    <w:proofErr w:type="spellStart"/>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>
            <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
            <w:b/>
            <w:bCs/>
            <w:color w:themeColor="text1" w:val="000000"/>
            <w:sz w:val="20"/>
            <w:u w:val="single"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
        <w:t>Funmilola</w:t>
    </w:r>
    <w:proofErr w:type="spellEnd"/>
    - <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
        - <w:rPr>

```

```

        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:b/>
        <w:bCs/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:u w:val="single"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve">A. AYENI</w:t>
</w:r>
<w:bookmarkEnd w:id="6"/>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"></w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:b/>
        <w:bCs/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:vertAlign w:val="superscript"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve">1</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="00B87D58">
    - <w:rPr>
        <w:rFonts w:cs="Calibri" w:eastAsia="Calibri" w:hAnsiTheme="minorBidi" w:asciiTheme="minorBidi"/>
        <w:b/>
        <w:bCs/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>*</w:t>
</w:r>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="77777777"
w14:paraId="4D4FCA28">
    - <w:pPr>
        <w:spacing w:after="0"/>
        <w:ind w:hanging="10" w:left="235"/>
        <w:jc w:val="center"/>
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="minorHAnsi"/>
        <w:color w:themeColor="text1" w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
</w:pPr>
</w:p>
- <w:p w:rsidP="002208D1" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="23A6E39B"
w14:paraId="090B514D">
    - <w:pPr>
        <w:spacing w:after="5"/>
        <w:ind w:hanging="10" w:left="235"/>
        <w:jc w:val="center"/>
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
</w:pPr>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:vertAlign w:val="superscript"/>

```

```

        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve">1 </w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Department of Pharmaceutical Microbiology, Faculty of Pharmacy,</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="007A2ADE">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"></w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>University of Ibadan, Ibadan</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"></w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC" w:rsidR="002208D1">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>Nigeria</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t></w:t>
</w:r>
</w:p>
- <w:p w:rsidP="00E40A36" w:rsidRDefault="00FD2C44" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w:14:textId="279850B1"
w:14:paraId="123AB89D">
    - <w:pPr>
        <w:spacing w:after="5"/>
        <w:ind w:hanging="10" w:left="235"/>
        <w:jc w:val="center"/>
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
    
```

```

        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
</w:pPr>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:vertAlign w:val="superscript"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t>2</w:t>
</w:r>
- <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
        <w:rFonts w:eastAsia="Calibri" w:cstheme="majorHAnsi" w:hAnsiTheme="majorHAnsi" w:asciiTheme="majorHAnsi"/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="16"/>
        <w:szCs w:val="16"/>
        <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve">Department of Pharmacology and Therapeutics, Faculty of Basic Medical Sciences, College of Medicine,
    University of Ibadan, Ibadan, Nigeria.</w:t>
</w:r>
</w:p>
- <w:tbl>
    - <w:tblPr>
        <w:tblStyle w:val="TableGrid"/>
        <w:tblPr w:tblpY="134" w:horzAnchor="margin" w:vertAnchor="text"/>
        <w:tblOverlap w:val="never"/>
        <w:tblW w:w="4775" w:type="dxa"/>
        <w:tblInd w:w="0" w:type="dxa"/>
        <w:tblLook w:val="04A0" w:noVBand="1" w:noHBand="0" w:lastColumn="0" w:firstColumn="1" w:lastRow="0" w:firstRow="1"/>
    </w:tblPr>
    - <w:tblGrid>
        <w:gridCol w:w="2605"/>
        <w:gridCol w:w="185"/>
        <w:gridCol w:w="1985"/>
    </w:tblGrid>
    - <w:tr w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w:14:textId="77777777" w:14:paraId="34B49B13" w:rsidTr="00777946">
        - <w:trPr>
            <w:trHeight w:val="562"/>
        </w:trPr>
        - <w:tc>
            - <w:tcPr>
                <w:tcW w:w="2605" w:type="dxa"/>
            </w:tcPr>
            - <w:p w:rsidP="00777946" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w:14:textId="77777777"
            w:14:paraId="71C91701">
                - <w:pPr>
                    <w:contextualSpacing/>
                - <w:rPr>
                    <w:rFonts w:cs="Calibri" w:hAnsi="Tw Cen MT" w:eastAsia="Calibri" w:ascii="Tw Cen MT"/>
                    <w:b/>
                    <w:bCs/>
                    <w:color w:val="000000"/>
                    <w:sz w:val="20"/>
                    <w:lang w:val="en-US"/>
                </w:rPr>
            </w:pPr>
        </w:tc>
        - <w:pPr>
            <w:contextualSpacing/>
        </w:pPr>
    </w:tr>
    - <w:p w:rsidP="00777946" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w:14:textId="77777777"
    w:14:paraId="4A847580">
        - <w:pPr>
            <w:contextualSpacing/>
        </w:pPr>
        - <w:rPr>
            <w:rFonts w:cs="Times New Roman" w:hAnsi="Times New Roman" w:eastAsia="Calibri" w:ascii="Times New
            Roman"/>
            <w:color w:val="000000"/>
            <w:sz w:val="20"/>
            <w:lang w:val="en-US"/>
        </w:rPr>
    </w:pPr>
    - <w:r w:rsidRPr="00DA3DAC">
        - <w:rPr>
            <w:rFonts w:cs="Times New Roman" w:hAnsi="Times New Roman" w:eastAsia="Calibri" w:ascii="Times New
            Roman"/>
            <w:color w:val="000000"/>

```

```

        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t xml:space="preserve">ARTICLE INFO</w:t>
    </w:r>
  - <w:r w:rsidRPr="00DA3DAC">
    - <w:rPr>
      <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
      <w:color w:val="000000"/>
      <w:sz w:val="20"/>
      <w:lang w:val="en-US"/>
    </w:rPr>
    <w:t xml:space="preserve"></w:t>
  </w:r>
</w:p>
</w:tc>
- <w:tc>
  - <w:tcPr>
    <w:tcW w:w="185" w:type="dxa"/>
    <w:vAlign w:val="bottom"/>
  </w:tcPr>
  - <w:p w:rsidP="00777946" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="7777777"
    w14:paraId="569C9E51">
    - <w:pPr>
      <w:contextualSpacing/>
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
        <w:color w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
    </w:pPr>
    - <w:r w:rsidRPr="00DA3DAC">
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
        <w:color w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t xml:space="preserve"></w:t>
    </w:r>
  </w:p>
</w:tc>
- <w:tc>
  - <w:tcPr>
    <w:tcW w:w="1985" w:type="dxa"/>
  </w:tcPr>
  - <w:p w:rsidP="00777946" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="7777777"
    w14:paraId="51727C11">
    - <w:pPr>
      <w:contextualSpacing/>
      <w:jc w:val="both"/>
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Tw Cen MT" w:eastAsia="Calibri" w:ascii="Tw Cen MT"/>
        <w:b/>
        <w:bCs/>
        <w:color w:val="000000"/>
        <w:sz w:val="18"/>
        <w:szCs w:val="18"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
    </w:pPr>
  </w:p>
  - <w:p w:rsidP="00777946" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="7777777"
    w14:paraId="300E6E92">
    - <w:pPr>
      <w:contextualSpacing/>
      <w:jc w:val="both"/>
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Bell MT" w:eastAsia="Calibri" w:ascii="Bell MT"/>
        <w:color w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
    </w:pPr>
    - <w:r w:rsidRPr="00DA3DAC">
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Bell MT" w:eastAsia="Calibri" w:ascii="Bell MT"/>
        <w:color w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
    </w:r>
  </w:p>

```

```

        <w:t xml:space="preserve">A B S T R A C T </w:t>
      </w:r>
    - <w:r w:rsidRPr="00DA3DAC">
      - <w:rPr>
        <w:rFonts w:cs="Calibri" w:hAnsi="Calibri" w:eastAsia="Calibri" w:ascii="Calibri"/>
        <w:color w:val="000000"/>
        <w:sz w:val="20"/>
        <w:lang w:val="en-US"/>
      </w:rPr>
      <w:t xml:space="preserve"></w:t>
    </w:r>
  </w:p>
</w:tc>
</w:tr>
</w:tbl>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="77777777"
  w14:paraId="0FADFF0C">
  - <w:pPr>
    <w:spacing w:after="0"/>
    <w:jc w:val="both"/>
  - <w:rPr>
    <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Leelawadee UI Semilight" w:eastAsia="Calibri" w:ascii="Leelawadee UI
      Semilight"/>
    <w:color w:themeShade="80" w:themeColor="accent6" w:val="385623"/>
    <w:sz w:val="16"/>
    <w:szCs w:val="16"/>
    <w:lang w:val="en-US"/>
  </w:rPr>
  </w:pPr>
</w:p>
- <w:p w:rsidP="00B87D58" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="77777777"
  w14:paraId="211E2C5A">
  - <w:pPr>
    - <w:rPr>
      <w:sz w:val="4"/>
      <w:szCs w:val="4"/>
      <w:lang w:val="en-US"/>
    </w:rPr>
  </w:pPr>
</w:p>
- <w:tbl>
  - <w:tblPr>
    <w:tblStyle w:val="TableGrid0"/>
    <w:tblPr w:tblpY="314" w:horzAnchor="margin" w:vertAnchor="text" w:tblpX="90" w:rightFromText="180" w:leftFromText="180"/>
    <w:tblW w:w="9540" w:type="dxa"/>
  - <w:tblBorders>
    <w:top w:val="none" w:color="auto" w:space="0" w:sz="0"/>
    <w:left w:val="none" w:color="auto" w:space="0" w:sz="0"/>
    <w:bottom w:val="none" w:color="auto" w:space="0" w:sz="0"/>
    <w:right w:val="none" w:color="auto" w:space="0" w:sz="0"/>
    <w:insideH w:val="none" w:color="auto" w:space="0" w:sz="0"/>
    <w:insideV w:val="none" w:color="auto" w:space="0" w:sz="0"/>
  </w:tblBorders>
  <w:tblLook w:val="04A0" w:noVBand="1" w:noHBand="0" w:lastColumn="0" w:firstColumn="1" w:lastRow="0" w:firstRow="1"/>
</w:tblPr>
  - <w:tblGrid>
    <w:gridCol w:w="2674"/>
    <w:gridCol w:w="6866"/>
  </w:tblGrid>
  - <w:tr w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="77777777" w14:paraId="77EA8B7A" w:rsidTr="00777946">
    - <w:trPr>
      <w:trHeight w:val="3024"/>
    </w:trPr>
    - <w:tc>
      - <w:tcPr>
        <w:tcW w:w="2674" w:type="dxa"/>
        <w:shd w:val="clear" w:color="auto" w:themeFill="background2" w:fill="E7E6E6"/>
      </w:tcPr>
      - <w:p w:rsidP="00214B94" w:rsidRDefault="00B87D58" w:rsidRPr="00DA3DAC" w:rsidR="00B87D58" w14:textId="77777777"
        w14:paraId="1D984CFE">
        - <w:pPr>
          <w:spacing w:before="120"/>
          <w:ind w:left="29"/>
        - <w:rPr>
          <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Tw Cen MT" w:eastAsia="Calibri" w:ascii="Tw Cen
            MT"/>
          <w:b/>
          <w:bCs/>
          <w:iCs/>
          <w:color w:val="000000"/>
          <w:sz w:val="14"/>
          <w:szCs w:val="14"/>
        </w:rPr>
      </w:p>
    </w:tc>
  </w:tr>
</w:tbl>

```

<w:lang w:val="en-US"/>
 </w:rPr>
 </w:pPr>
 - <w:r w:rsidRPr="00DA3DAC">
 - <w:rPr>
 <w:rFonts w:cs="Leelawadee UI Semilight" w:hAnsi="Tw Cen MT" w:eastAsia="Calibri" w:ascii="Tw Cen
 MT"/>
 <w:b/>
 <w:bCs/>
 <w:iCs/>
 <w:color w:val="000000"/>
 <w:sz w:val="14"/>
 <w:szCs w:val="14"/>
 <w:lang w:val="en-US"/>
 </w:rPr>
 <w:t xml:space="preserve">Article history: </w:t>
 </w:r>
 </w:p>

Received
 10
 July
 2019
 Accepted
 10 Novem
 ber 2019
 Published
 1
 4
 November
 2019
 * Corresponding author info:
 Dr.
 Oyindamola
 O. Abiodun
 E-mail:
 oyindamolaabiodun1@gmail.com
 Tel.
 +2347030964774
 D
 r.
 Funmilola
 A. A
 yeni
 Email:
 funmiyeni@yahoo.co.uk
 Tel. +2347036138816

Access this article online
 445770
 52070
 0
 0

Quick Response Code
<https://doi.org/10.5281/zenodo.3540383>

Article edited by:
 Pr.
 A. Mobolaji OMEMU
 Dr.
 Halima BOUGHELLOUT

</w:tc>

Background
 :
 African fermented foods such as maize cereal (Ogi)
 and its supernatant (Omidun) are reservoirs of beneficial lactobacilli and carboxylic acids. Based on their constituents, their beneficial effect in a rat model of 2,4,6-trinitrobenzene sulphonc (TNBS) acid - induced colitis was assessed in comparison with two lactobacilli in a rat model of colitis .

Methods
 :
 Female Wistar rats were distributed into seven groups of 5 rats each; the rats were pretreated for 14 days prior to colitis induction with Ogi ,

Omidun
,
L. fermentum
,
L. brevis
and 7 days post
colitic
induction. Colitis was induced by an intracolonic administration of TNBS. The response of the rats to treatment was assessed macroscopically and biochemically
.
Results
:
Treatment with the Dexamethasone,
Ogi
and
Omidun
resulted in a significant reduction in colonic damage score and weight/length ratio ($p<0.05$). Treatment with
Ogi
,
Omidun
,
L. brevis
, and dexamethasone significantly prevented depletion of colonic glutathione and superoxide dismutase.
The u
p-regulation of myeloperoxidase activity was inhibited in all treated
colitic
rats ($p<0.05$). However,
Ogi
appears to produce a better protective effect than the other treatment groups
.
Conclusions
:
This study reports that
Ogi
protects Wistar rats against the deleterious effect of trinitrobenzene
sulphonic
acid better than pure lactobacilli strains
.
Keywords
:
fermented food, lactic acid bacteria
,
inflammation
,
oxidative stress
.

</w:tr>
</w:tbl>

INTRODUCTION

Inflammatory Bowel Disease (IBD) is a chronic, idiopathic inflammatory disease of the gastrointestinal tract [

1
]. In healthy individuals, immunological tolerance to the gut microbiome is maintained, whereas in those with IBD
,
these homeostatic mechanisms
remain
disrupted
[

2
]. Furthermore
, the composition of the intestinal flora in patients with IBD is altered when compared with healthy individuals, resulting in a general
loss of diversity
[

2
]. It has been shown that dysbiosis can lead to a qualitative and quantitative decrease in the mucosal barrier and consequently,
translocation of pro-inflammatory substances into the colon, which could be responsible for inflammation and subsequently colitis [

3
]. Therefore, there
is currently
a
strong interest in exploring beneficial bacteria in the treatment of colitis
.

Lactic acid bacteria (LAB) are found in food and contribute to the healthy microbiota of human
intestinal
mucosal surfaces. Traditional fermented products are one of the primary sources of LAB
[

4-6
]. In developing countries where probiotic products are not readily available, the next best option is fermented foods. Fermented cereal
is
consume
d

worldwide and
provided
different names in different countries.
In Nigeria

,
Ogi
is
the
name
attributed
to
fermented cereal e.g. maize,
sorghum
,
etc
.

This fermented cereal
is
frequently
consumed as
a
meal for breakfast by many tribes.

Occasionally,

Raw

Ogi

(the slurry) is

administered as a local fermentation product remedy against diarrhea, especially in rural areas with little access to proper health care [

7

].

Omidun

, the supernatant

obtained from

the raw

Ogi

slurry, is

locally

utilized

as a solvent to soak the bark or root of some plants and for treating fever and malaria

[

8

].

Ogi

has been shown to contain eleven carboxylic acids with butyric acid, lactic acid

,

and acetic acid as the major constituents [

9

]. In addition,

Ogi

and

Omidun

contain several species of beneficial LAB. We have previously reported isolation and identification of

Weissella

paramesenteroides

,

L. brevis

,

L.

rossiae

,

L. fermentum, L. plantarum

,

Acetobacter

pasteurianus

and

Paenibacillus

sp.

in different varieties of

Ogi

and

Omidun

with

interesting

antibacterial properties [

10

].

To the best of our knowledge

, no

published data

on beneficial effects of

Ogi

and

Omidun

in comparison to lactobacilli strains on colitis
are available

. Thus, this study
assessed
the beneficial effect of
Ogi

,
Omidun
and two pure lactobacilli strain in a rat model of colitis

METHODS

Bacterial Strains

Lactobacillus brevis

FA021 and

Lactobacillus fermentum

FA020 has been previously isolated and selected because of their
substantial

antibacterial properties.

Those target bacteria

were used in this study because the source of isolation was human and
displaying

antibacterial properties. For this

in vivo

rat study, they were

subcultured

on de Man,

Rogosa

Sharpe broth (

Oxoid

, UK) and incubated at 37°

C for 24-48hrs

under microaerophilic co

nditions after which they were

centrifuged at 4000 rpm for 6 minutes. The supernatant was decanted off and the bacterial pellets were washed with normal saline and
re-suspended in 0.5 ml of normal saline

.
Collection of

Ogi

Slurry and its Supernatant (

Omidun

)

Maize used for the production of

Ogi

slurry and

Omidun

was purchased from a local vendor at

Agbowo

, Ibadan, Oyo State, Nigeria. The vendor made

Ogi

by soaking maize grains in water for 48 hours and then wet milling before fermentation at room temperature for 24 hours; thereafter,

appropriate volumes of the supernatant (

Omidun

) and

Ogi

were collected and used for the analysis. Samples were

handled

within 72 h after which another fresh batch was

collected to maintain the

72

-

h

interval use. The colony

-

forming units/ml for every fresh sample was analyzed by plating out 1 ml of

Omidun

and 1 g

Ogi

in MRS agar (

Oxoid

,

UK) after appropriate dilution

s

were made in saline

solution

.

Ethical Consideration

Experimental procedures and protocols used in

the current

study conform to the “Guide to the care and use of animals

in research and teaching” (NIH publications number 85-93 revised in 1985)

.

Rat Weight Analysis

The body weight of experimental animals was measured weekly. After two weeks of experimental feeding, colitis was induced and the final weight measured at the third week.

Experimental Animals
Thirty-five healthy female Wistar albino rats were obtained at 4 weeks from the Animal House, Institute for Advanced Medical Research and Training, College of Medicine, University of Ibadan. The rats were housed in Makrolon cages in a well-ventilated animal house facility at room temperature ($28 \pm 2^\circ$ C). They were fed with standard rat pellets (Ace Feeds Nigeria Limited) and water ad libitum until they reached the target weight for the study (160-180 g). Experimental rats were randomly distributed into seven groups of five rats each. Four of the seven groups were pre-treated with *L. brevis* (0.5ml of 1.21×10^8 CFU/ml), *L. fermentum* (0.5ml of 3.8×10^7 CFU/ml), *Ogi* (1.25 mg/ml of 8.6×10^8 CFU/ml) and *Omidun* (0.5ml of 1.25×10^7 cfu/ml) for 13 days (D0-D12), before induction of colitis on day 13 (D13) and for seven days post colitic induction. The remaining three groups served as controls: dexamethasone-treated colitic rats (4mg/ml), untreated colitic rats and healthy non-colitic rats.

Induction of Colitis
Colitis was induced in 30 out of 35 rats using a previously reported method [11]. Momentarily, food was withdrawn 18h prior to the induction of colitis. Rats were anesthetized with ketamine (50 mg/kg) and diazepam (2.5 mg/kg). Colitis was induced by a single intracolonic administration of 0.25 mL of 40 mg/mL trinitrobenzenesulfonic acid.

dissolved in 50% ethanol) into the distal colon by means of a soft pediatric catheter introduced 8 cm into the anus. The animals were maintained in a head

-
down position for 5 minutes to recover from anesthesia and return back to their cages

.
Assessment of Colonic Damage and Response to Treatment

Rats were euthanized by an overdose of ether anesthesia at the seventh day

post-
colitic
induction

. The distal colon

was excised, luminal contents flushed with cold normal saline and colon placed on ice.

Thereafter, each colon was opened by an incision along the mesenteric border, the body

weight and length measured, and the disease severity scored. Disease severity was assessed using a standard scoring system [

12

], scored on

a

scale of 0 – 10 depending on the severity of the inflammation and ulcer.

Table

SEQ Table * ARABIC

1

:

The weight of Wistar rats before and after

the

induction of colitis and treatment Weight

WEEK

Weight (g)

L. fermentum

L. brevis

Omidun

Ogi

Dexa

.

Neg.control

Non-
colitic

1

172 ± 3.0

174.4±3.3

170.4±2.9

164.1±8.6

164.3±5.3

159.4±6.7

161±2

.

9

2

178.6 ± 7.5

178.6±7.4

178.8±4.1

168.4±7.3

169 ± 5.1

169.9±6.6

165.8±3.0

3

173.4±9.43

163.6±6.5

166.9±5.1

159.9±1.6

162.9±4.0

157.2±3.9

175.4±4.81

%

W.L

2.9*

#

8.4

#

6.6

#

4.8*

#

4.1*

#

7.5

**
0

Dexa
—
dexamethasone
,
Neg.control
- untreated
colitic
rats, *

p
<0.05 (treatment groups vs. TNBS control group). #
p
<0.05 (Healthy group vs. treatment groups), ** TNBS
control group vs healthy group
, WL.: weight loss
.

Thereafter,
for biochemical assays,
samples were cut from the
entire
colon.

Sample Preparation for Biochemical Assays
A known weight of freshly excised tissue was homogenized in HTAB buffer (50 mg/ml) and centrifuged at
12,000 rpm for 10 minutes at 4°
C. Two hundred microliter of the supernatant was collected and the remaining
homogenized samples
was stored
at -20°
C. The supernatant was used to estimate the total glutathione content (GSH), and Superoxide Dismutase (SOD). GSH level was
estimated according to the method previously described [

13

] and the results were expressed as nanomoles per gram of wet tissue. A method described by
Mistra
&
Fridovich
[

14

] was used to evaluate the superoxide dismutase (SOD) content of the colon samples. The remaining frozen homogenized colon
sample was allowed to undergo two cycles of freezing and thawing. Thereafter myeloperoxidase activity (MPO) was quantified by a
method previously described [

15

]. The results were expressed as MPO units per gram of wet tissue; one unit of MPO activity was defined as that degrading 1 mmol
hydrogen peroxide/min at 25°C
.

Statistical analysis
Data obtained were expressed as the mean ± SEM. Differences between means were tested for statistical significance using a one-way
analysis of variance (ANOVA) with the Tukey post hoc test. P-value <0.05 was considered significant
.

RESULTS
There was
an
increase in the body weight of the rats
,
during the first two weeks of the experiment prior to colitis induction (Table 1). All colitis induced rats lost weight immediately after
induction, gaining weight gradually. At the end of the third week, the
colitic
rats treated with
the
L. brevis
group had the highest weight
loss
(8.9%) while those treated with
L. fermentum
group had the least weight loss (2.9 %). Colonic damage in experimental animals evidenced by the size of lesions, number of ulcers as
well as
hyperemia, were scored on a scale of 0-10
as
presented
i
n
Table 2.
Treatment with the standard drug (dexamethasone),
Ogi
and
Omidun
respectively resulted in a significant reduction in colonic damage score (4.0 ± 0.71 , 4.15 ± 0.29 and
 4.4 ± 0.31) in comparison with untreated
colitic
group (6.0 ± 0.41 , $p \leq 0.04$). Similarly, the colonic weight/length ratio increased significantly in untreated
colitic

rats (170.7 ± 6.9 mg/cm) in comparison with non colitic rats (113.3 ± 2.8 mg/cm, $p < 0.0001$). Treatment with Dexamethasone, Ogi and Omidun resulted in a significant reduction in colonic weight/length ratio (105.5 ± 6.9 , 117.15 ± 9.1 and 129.3 ± 10.54 mg/cm) in comparison with untreated colitic group (170.7 ± 6.9 mg/cm $p \leq 0.011$). Furthermore, a significant reduction of myeloperoxidase activity (MPO) was observed in all treated colitic rats (3.05 ± 0.15 - 3.8 ± 0.08 U/mg tissue) with Ogi producing the best effect when compared with untreated colitic rat (4.51 ± 0.10 U/mg tissue, $p \leq 0.007$ (cf. Table 3). In addition, about 4-fold depletion of colonic glutathione level was observed in untreated colitic rats (56.18 ± 5.49 nmol/mg tissue) in comparison with non - colitic rats (202.3 ± 3.97 nmol/mg tissue, $p < 0.0001$ (cf. Table 3). However, treatment with, Ogi, L. brevis, Omidun, and dexamethasone significantly prevented depletion of colonic glutathione in colitic rats in comparison to untreated colitic rats (119.4 ± 2.65 vs 203.6 ± 16.83 nmol/mg tissue $p \leq 0.0001$). Interestingly, the GSH level in colitic rats treated with Ogi was identical to the non - colitic healthy rats ($p = 0.94$; Table 3).

Table
SEQ Table * ARABIC
2
:
Effects o
f treatment on macroscopic colon damage score and colonic weight/ length ratio in colitic rats

Treatment Group
damage score (0–10)
weight/length (mg/cm)
Healthy (non-colitic)
)
0.0 ± 0.0
113.3 ± 2.8
Colitic control
6.0 ± 0.41
**
170.7 ± 6.90
**
Dexamethasone
4.0 ± 0.71
#
$105.5 \pm 6.90^*$
L. fermentum
5.25 ± 0.25
#
175.3 ± 5.70

L. brevis
5.00 ± 0.41
150.8 ± 15.57

Omidun
4.43 ± 0.31*

129.3 ± 10.54*
Ogi
4.15 ± 0.29*

117.1 ± 9.10*

Macroscopic damage (Mean ± SEM). *

p
<0.05 (treatment groups vs. TNBS control group), #

p
<0.05 (healthy group vs. treatment groups), ** TNBS control group vs healthy group.

Similarly, a significant 6-fold depletion of colonic SOD activity was observed in untreated colitic rats (0.013 ± 0.001 U/g tissue) in comparison with non colitic rats (0.08 ± 0.002 U/mg tissue, p<0.0001)

.

In dexamethasone,
Omidun
and
Ogi
treated groups, a significant reduction in the depletion of SOD was observed (0.031 ± 0.002 vs 0.035 ± 0.004 U/g tissue p≤0.0007) with Ogi showing the highest reduction in the depletion of SOD.

Table
SEQ Table * ARABIC
3
:

Biochemical Analysis of Rats Samples

Treatment Group	MPO (U/mg tissue)	GSH (nmol/mg tissue)	SOD (nmol/mg tissue)
Healthy (non-colitic)	0.98±0.07	202.3±3.97	0.079 ± 0.002
Colitic control	4.51±0.10	**	0.013 ± 0.001
**	56.18±5.49	**	0.031 ± 0.002
Dexamethasone	3.76±0.07	131.1±7.24*	*
#			#
L. fermentum	3.35±0.31*	#	0.022 ± 0.009
#	66.21±3.3	#	#
L. brevis	3.46±0.12*	#	0.012 ± 0.001
#	119.4±2.65*	#	#
Omidun	3.8±0.075*	#	152.2±11.76*
#			#

0.031±0.003
*

Ogi
3.05±0.15*

203.6±16.83*
0.035± 0.0024
*
#

Data are expressed as Mean ± SEM. *

p
<0.05 (treatment groups vs. TNBS control group), #

p
<0.05 (Healthy group vs. treatment groups), ** TNBS control group vs healthy group.

Assessment of difference between

Omidun

/

Ogi

in comparison to

L. brevis

and

L. fermentum

in MPO, GHS, SOD, damage score, weight length ratio revealed that activities of

Ogi

or

Omidun

is significantly better in all tested parameter (GSH, p=0.0001, 0.03.

SOD, p=0.005, 0.0003, damage score p=0.

02, Weight

/length ratio, p=0.005, 0.0006) except MPO where

L. brevis

was better than

Omidun

(p=0.04)

.

DISCUSSION

In

the present

study, dexamethasone,

Ogi

and

Omidun

were able to ameliorate the macroscopic colonic damage caused by intracolonic delivery of TNBS in

colitic

rats. In contrast, treatment with

L. brevis

and

L. fermentum

show

ed no

n-

significant protection against macroscopic

damage to the colon.

An i

ncrease in colon weight/length ratio is an indication of intestinal edema, a

symptom of inflammation

[

16

]

. Significant reduction in colonic weight/length ratio as observed in

colitic

rats treated with dexamethasone,

Ogi

and

Omidun

, signified resolution of intestinal edema, a symptom of inflammation. Furthermore,

the

up-regulation of MPO, an indicator of neutrophil infiltration, was moderately inhibited in colon tissues in the treatment groups.

Prevention of access of neutrophils to the inflamed areas of colon could prevent the release of proteases [

17

]. The inhibition of the up-regulation of myeloperoxidase enzyme could also be an indication of successful gut microbiota

repopulation by

Ogi

,

Omidun

,

L. brevis

,

and

L. fermentum

. It has also been

shown that proteases produced by members of the gut microbiota could prevent the activation of an immune response and consequently inflammation by degrading the antigenic structure of most antigens [

18

]. However, dysbiosis of the gut microbiota eliminates much of this function, allowing the successful penetration of antigens and antigenic products and subsequently inflammation.

Ogi

and its constituents are reportedly dominated by LAB with

the

identification of

L. fermentum

,

L. plantarum

,

L.

pantheris

,

and

L.

vaccinostercus

[

10,19

].

Consumption of

Ogi

might be beneficial because of the ability of LAB to modulate intestinal microbiota. The better activities of

Ogi

and

Omidun

,

in comparison to single cultures of LAB used in

our

study

,

may be due to

the

synergistic effects of different lactobacilli

species in

Ogi

and

Omidun

[

6,

10

].

Moreover

, different beneficial bacteria have been reported to decrease the intestinal microbiota imbalance induced by IBD when used simultaneously

. VSL#3, a probiotic mixture of

Streptococcus thermophiles

,

L. plantarum

,

Bifidobacterium brevis

,

B.

longum

,

B.

infantis

,

Lactobacillus acidophilus

,

L.

paracasei and

,

L. bulgaricus

, and has been successfully used as adjunctive treatment to treat ulcerative colitis

[

20

].

Our findings suggest that

Ogi

,

Omidun

,

L. brevis

and to a lesser extent

L. fermentum

prevent the depletion of GSH and might be useful to improve antioxidant status in colitis. It is known that some lactobacilli are able to produce antioxidants that help eliminate oxidative stress produced by reactive oxygen species [

21

].

Lactobacillus fermentum
has also been previously shown to contain a notable level of reduced glutathione [22]. The increased colonic superoxide dismutase activity observed
,
is indicative that the individual lactic acid bacteria
, as well as their presence in combination in
Ogi
and
Omidun
,
reduced oxidative stress thereby preventing exacerbation of inflammation. A previous report has demonstrated the ability of
Lactobacillus lactis
and
Lactobacillus plantarum
to produce superoxide dismutase enzyme and ameliorate experimental colitis [23].
]. The anti-inflammatory and antioxidant activities shown by
Ogi
,
Omidun
, and to a lesser extent by
L. brevis
and
L. fermentum
may be due to their ability to prevent the adhesion of harmful bacteria to the intestinal epithelium by competing for nutrients. Members of the genus
Lactobacillus
have been shown to be able to adhere to intestinal mucus and extracellular matrix through various adherence factors, such as those with mucin binding domains [24].
]. An altered mucus layer, which is a prominent feature in colitis, could interfere with the binding ability of LAB and consequently be responsible for the dysbiosis of
the
intestine
LAB population
.

CONCLUSION
This study suggests that
Ogi
,
Omidun
and to a lesser extent,
L. fermentum
and
L. brevis
produce beneficial effects against TNBS induced colitis. The activities of fermented food products are better than single lactobacilli cultures
.

The limitation
s
of the study are not ascertaining the mechanism of action of
Omidun
against the
colitic
rats and also, the study investigated only two LAB strains
Funding
This research was funded by
the
International Capacity Building Fund from Society for Applied Microbiology (SFAM) obtained by
Funmilola
A. Ayeni in 2015.

Acknowledgment
The technical assistance of Mrs.
Sakirat
Braimah and Ms.
Adedunke
Oshinloye
is highly appreciated
.

Conflict of Interests
The authors declare no conflict of interest.

REFERENCES
Singh UP, Singh NP,
Busbee
B, Guan H, Singh B, Price RL, Taub DD, Mishra MK,
Nagarkatti
M
,
Nagarkatti
PS.

- Alternative medicines as emerging therapies for inflammatory bowel diseases.
Int Rev Immunol
. 2012; 31:66
-
84.
doi
:
10.3109/08830185.2011.642909
Khor B,
Gardet
A, Xavier RJ. Genetics and pathogenesis of inflammatory bowel disease.
Nature
2011; 474: 307
-
17.
doi
:10.1038/nature10209
Siegel CA. Review article: Explaining risks of inflammatory bowel disease therapy to patients.
Aliment
. Pharmacol
. Ther
. 2011; 33(1): 23-32
.
doi:10.1111/j.1365-2036.2010.04489.x
Ayeni A.O.,
Ruppitsch
W, Ayeni F.A. Characterization of bacteria in Nigerian Yogurt as promising alternative to antibiotics in gastrointestinal infections.
Journal of Dietary Supplements
. 201
9
16 (2):141-51.
doi
:
/10.1080/19390211.2018.1440684
Ayeni FA, Sánchez B, Adeniyi BA, de los Reyes-Gavilán
CG,
Margolles
A.
Ruas-Madiedo
P. Evaluation of the functional potential
of
Weissella
and
Lactobacillus
isolates obtained from Nigerian traditional fermented foods and cow's intestine.
Int
. J
. Food Micro
biol
. 2011; 147 (2): 97-104.
doi
:10.1016/j.ijfoodmicro.2011.03.014
Afolayan
AO. and Ayeni FA.
Antagonistic effects of three lactic acid bacterial strains isolated from Nigerian indigenous fermented
Ogi
on
E. coli
EKT004 in co-culture.
Acta Aliment
. 2017; 46 (1): 1–8.
doi:10.1556/066.2017.46.1.1
Adebolu
TT,
Olodun
AO
. Iwumweze
BC. Evaluation of
ogi
liquor from different grains for antibacterial
activities against some common diarrheal bacteria in southwest Nigeria.
Afr. J.
Biotechnol

. 2007; 6:1140-43.
 Ab
 dulrahan
 AA. Kolawole OM.
 Traditional Preparation
 s and Uses of Maize in Nigeria.
 Ethnobot
 .
 Leaflets
 2006; 10:219-27.
<https://opensiuc.lib.siu.edu/eb1/vol2006/iss1/23>
 Shittu
 O.B
 , Olusola L. Ajayi, Samuel O. Bankole, Temitope O.S. Popoola
 Intestinal ameliorative effects of traditional
 Ogi
 -tutu,
 Vernoniaamygdalina
 and
 psidiumguajava
 in mice infected with
 Vibrio cholera
 .
 Afr
 .
 Health
 Sc
 .
 2016; 16(2):620-8.
 doi:
 10.4314/
 ahs
 .v16i2.33
 Afolayan
 AO, Ayeni
 FA,
 Ruppitsch
 W. Antagonistic and quantitative assessment of indigenous lactic acid bacteria in different varieties of
 ogi
 agai
 nst gastrointestinal pathogens.
 Pan Afr
 .
 Med
 .
 J
 . 2017; 27:22.
 doi
 :10.11604/pamj.2017.27.22.9707
 Morris GP, Beck PL,
 Herridge
 MS, Depew WT,
 Szewczuk
 MR.
 ,
 and Wallace JL.
 Hapten
 -induced model of chronic inflammation and ulceration in the rat colon.
 Gastroenterology
 1989; 96 (3): 795–803.
<https://www.ncbi.nlm.nih.gov/pubmed/2914642>
 Camuesco
 D,
 Peran
 L,
 Comalada
 M, Nieto A, Di Stasi LC. Rodriguez-Cabezas ME, Concha A,
 Zarzuelo
 A. and Galvez J. Preventative effects of lactulose in the
 trinitrobenzenesulphonic
 acid model of rat colitis
 .
 Inflamm
 .
 Bowel Dis
 .
 2005; 11
 (3)
 : 265
 -
 71.
 doi:10.1097/01.mib.0000160808.30988.d9

Anderson ME. Determination of glutathione and glutathione disulfide in biological samples.

Methods in

Enzymol

.

1985;

113:548

-

55.

doi:10.1016/S0076-6879(85)13073-9

Misra

HP and

Fridovich

, I.

The role

of

superoxide

anion

in

the

autoxidation

of

epinephrine

and

simple

assay

for superoxide

dismutase

. J

.

Biol

.

Chem

. 1972; 247: 3170-75.

Krawisz

JE, Sharon P

,

and Stenson WF. Quantitative assay for acute intestinal inflammation based on myeloperoxidase activity:

Assessment of inflammation in rat and hamster models.

Gastroenterology

1984; 87:1344

-

50.

doi:10.1016/0016-5085(84)90202-6

Nishimura T,

Andoh

A, Hashimoto T,

Kobori

A,

Tsujikawa

T, Fujiyama Y. Cellobiose prevents the development of Dextran sulfate sodium (DSS) – Induced Experimental colitis.

J

.

Clin

.

Biochem

.

Nutr

. 2010; 46(2):105-110.

doi:10.3164/jcbrn.09-72

Randhawa PK, Singh K, Singh N.

,

and

Jaggi

AS. A Review on Chemical-Induced Inflammatory Bowel Disease Models in Rodents.

Korean J

.

Physiol

.

Phar

macol

. 2014; 18(4): 279

-

88.

doi

:10.4196/kjpp.2014.18.4.279

Isolauri

E,

Juntunen

M,

Rautanen

T,

Sillanauke
P. and
Koivula
T. A human *Lactobacillus* strain (*Lactobacillus*
casei
sp
strain GG) promotes recovery from acute
diarrhea in children.
Pediatrics
1991; 88
(1)
: 90
-
7.
Oguntoyinbo
FA,
Tourlomousis
P,
Gasson
MJ.
Narbad
A. Analysis of bacterial communities of traditional fermented West African cereal foods using
culture independent methods.
Int
.
J
.
Food Microb
iol
. 2011; 145(1):205-10.
doi
:10.1016/j.ijfoodmicro.2010.12.025
Ukwenya
AY, Ahmed A,
Odigie
VI
,
Mohammed A. Inflammatory bowel disease in Nigerians: Still a rare diagnosis?
Ann
.
Afr
.
Med
.
2011; 10
(2)
: 175-9
.
doi:10.4103/1596-3519.82067
D
achang
W, Ming ZS,
Cu
i
li
Z, Yi X.
Antioxidant properties of *Lactobacillus* and its protecting effects
to oxidative stress
Caco-2 cells
.
J
.
Anim
.
Plant Sci
.
2014;
24 (6): 1766-71.

right
4241

Cite this article as:

Audu
H

.

J

, Abiodun O.A and Ayeni F.A

.

Beneficial Effects of a Fermented Maize product with Its Supernatant,
Lactobacillus fermentum
and
Lactobacillus brevis
in Rat Model of Colitis

Nor. Afr. J. Food Nutr. Res.
 July - December (2019);03(06):19
 5
 -
 200

<https://doi.org/10.5281/zenodo.3540383>

0
 0

Cite this article as:

Audu
 H

.

J

, Abiodun O.A and Ayeni F.A

.

Beneficial Effects of a Fermented Maize product with Its Supernatant,
 Lactobacillus fermentum
 and
 Lactobacillus brevis
 in Rat Model of Colitis

.

Nor. Afr. J. Food Nutr. Res.
 July - December (2019);03(06):19
 5
 -
 200

<https://doi.org/10.5281/zenodo.3540383>

Mikelsaar
 M.
 Zilmer
 M. Lactobacillus fermentum ME-
 crobial
 and antioxidative probiotic.
 Microb

Eco
 l

Health Dis

2009; 21:1-27.

doi
 :10.1080/08910600902815561

Han W,
 Mercenier

A,
 Ait-Belgnaoui

A, Pavan S,

Lamine

F,

Kleerebezem

M, Salvador-Cartier, C,

Hisbergues

M, Bueno L,

Theodorou

V. Fioramonti J. Improvement of an experimental colitis in rats by lactic acid bacteria producing superoxide dismutase.
 Inflamm

Bowel Dis

2006; 12(

11): 1044-52.

doi:
 10.1097/01.mib.0000235101.09231.9e

Velez MP, De

Keersmacker

SC. and

Vanderleyden

J. Adherence factors of Lactobacillus in the human gastrointest

inal tract.

FEMS Microbiol

.

Lett

.

2007; 276 (2):140-8.

doi:10.1111/j.1574-6968.2007.00908.x

</w:body>

</w:document>

</pkg:xmlData>

</pkg:part>

80645
0Audu
et al.
:
Beneficial
e
ffects of a
f
ermented
m
aize product0
0Audu
et al.
:
Beneficial
e
ffects of a
f
ermented
m
aize productPAGE * MERGEFORMAT
2172206
251581
0
0Nor. Afr. J. Food
Nutr
. Res.
I
July – December 2019
I
Volume 03
I
Issue 06
1959525
252730
0
0

T

0
0
0
0

his is an open access article under the terms of the Creative Commons Attribution License, which permits use, distribution and reproduction in any medium, provided the original work is properly cited. © 2019

The Authors. The North African Journal of Food and Nutrition Research.

Nor. Afr. J. Food
Nutr
. Res.
I
July – December 2019
I
Volume 03
I
Issue 0669215
0Audu et al.
:
Beneficial
e
ffects of a
f
ermented
m
aize product0
0Audu
et al.
:
Beneficial
e
ffects of a

172206
251581
0
0

Nor. Afr. J. Food
Nutr
. Res.
I
July – December 2019
I
Volume 03
I
Issue 06

file:///G:/1st%20Partition/My%20Activities/Editing/The%20NAJFNR/Submitted%20Ma... 11/15/2019

uKs6keBptf3exytsiZfWvAXGBAkAv+1nw4l/wJ+0n/wAEfNa1v/gmR8PLj4f2XJL4U+1I+e+haXb2
 +gz6Xqc8V4KLR/ZpPKJfTesZPMSTCu2/cDk0DsYnxY/4L/f8EKf2d/ldqvwD+137XVm3iDQ75b7W
 LbQdJdep6pDaylQWU3NpbSQ0edsipJzL6sjKHRlHuP7Hf7cP7L37ffwyvvjF+yX8Tj4r8Oabrsj
 X2o/2Je2Hl30cMM7xeXeQxSNiO4hbcFknfEkMB/OX/wRa/av/4JifsVeMPHPwM/4Ku/sS2uq69f
 +JobNfHFjHDwDDrX/AaJp2zfIbizurC7RprQxy7i5t4nmidiUkT9yI0fEfsr+BP2XJv2Hr7UP+CUl3
 4N8LeGFH2n6trXgzxDK46t8PYxaxeab/pcu4DFobgLG1rIFMC2y2uyJYViQEzq/2hv8AgvT/AMEo
 P2XfziRwXwZ+K/wC11Zr4o8O3htNa0nQ/Dupan9luFbbJA09pbSQCWNsrJH5m+NIZGAcFa9e/Y1/b
 5/ZR/wCCgXg3VviD+yP8srXvOmhb6mNO1LVH8L6lp8Md0Y1k8lWvbeESuEZGYJu2CRN2N65/m8/4
 JVfEz9v/gmf+2H48+DX/BZT79hmTWNsmSz0aG48UeG4dXTwfl9oVp5ptNnDrZwSwvFOLyASzLFBg
 W6Spduak/ok/4Jv6k/wAE70+B2qeM/wDgmJ4R/4QTxd4ol17VoPBd4zWtvq1xaWvmRvasx/s2UW6
 2u6y2Q+UNuYkLHlNo+gce9FFFBj+cP8Awc0/8E8Pil+3X+w/pPij9n34bx+JfHXwx8RPrEOn270d
 QutHtkpEv7WyiUETzs6Wc3k8PtoyxpcUngP8AwSR/4OYP2Iphv+wj4Z+B37ZeualO48XfC3wp
 aafFp6b4Zu722852dpM09pmaAS+VcCCCFJhcGGMyuHrjMsP7OV4x4t+wCCcX/BPXx94p1Dxx45 /YS+Des61q19Jeatq+qfDLsRi6vbiRi8k00r25aWRmJZ
 uR8ABTGT4+GF1pvwp8l+OodebVlOZbL5tMoYNCs8q06SX+Lft7i5iWtY9qzkMgeFH6/AlOHPhp4
 J+NH/Bwn+zD8HviVov8AaXh3xZoPgrRtf0/7RJD9qsrrxZqUE8XmRmsibo3ZdyMrDOQQQDX7qfDX
 4X/DT4M+CL4bfb/4d6f4T8O6b5n96B4a0iGxsRzXzJGlffy4lFWNN0ju52qm7S7E8kmsLx1+y5+zN
 8UPIZo/xp+Jn7OvgXxF4y8PfZ/7A8Wa74RsrU9M8iZp4Ps91LE0sPlzO0ibGx2LDBJNA+y8L/Z
 4lHf8ABK79kr4o2vxo+Bv7lOjWpXiADtDt1nWNQlJ7DIJY5Vnt01C4njgnV4KzxqsqjcauA7
 t/A/vNwAHovPhb9njf/mleKq/AEDSq/cOuH+NP7MX7Nf7SUWnQfE/s9b6/HyaO0raSnjTwnZ6oL1
 y7PMMIuY38sv5abtuN2xc5wKBXPxl/ZG/wCCmH/Bt4B/ZR+GPgX46/so+BdR8b6L8PdFsPGWoXn
 7P8AZXs11qsnjDHDyvcNblp2adZGMpLkIIsTmvsX/gvp8VPB/xl/wCdfTx98bfh9czT4B4y8OeD
 ctOoa4egMUKlnd65pF9Lpdtabok76f8MpbBoovgXBzBzmVkJHlxzzxmz7/AOCfthwa8M/Gr9om10xrl
 a4w3Wm6LpsurXGn3EO+O7MbxxpGwyBtEkqOQqysEKkEMa+v2qfA8vxG/Z08ZEra0uri4m0KaWyt
 7Nd0s1xeEPoiJyUJbdJGf7QMkHAWTmvhX/gmd8RPRDngH9pmG18SXJhXxVf00k2dUzmqotw8sMsasWI
 +8YSi4yS7oMc5H4/xzGnV42yqj7ewv12cuXT6fyX8t9D9q8P5VKPAecVcFdYhLdfEo8rs11T1n
 Z+Wmp9ofitY/tY+V2PCThqOaBnQzqatM8ek6VDL5KyLHs82R5drBFQOvGCzMygDGK56BAZK/4
 KH6V+D041l+FvjPwZ/Yut3ULvplX3ZDTW96yK7yR42hoWEa7hulK21vmU7Vbe/bs/ZN1n9p7whpd
 34p1uG21zwJ7m1jb3bbje7jm8vzEZgpZHD/KVbkZBUj5t6eYfsNfDfEr4Wfe63+Mvxfnh02bSY5
 V0nR7O6saSSSOSF3mZQUCCNYVvVZJmBJUJtf18xxXHMEqVLDQ/2O8b+7Hl5bLncpbqSd+VXWys
 nm7+LleD8P8A1a2Kn/tyU7Lmlzc937NRjs4tW5nZ7u7Tstj8FYfgjpmXmiff7RYoYJL+caTrU
 a4Vp5gijYQTYCFM2yOVHZmzhLBge16x/wTE8fa/4l/ZnXTNemEg8O63PpdjKzMTzbiOKZQxZj90z
 FFyGAcQzPnFBW34r6MND8N/BC1tZnQkvBrd4+5h9nhVJYlh93a3mM8p4bK+TyMODXaJ/8ABKrw
 zq2ifs13W56LzeVDrXia5utPk8XW86F14YC2ASVxLDKuDg/LnGCCfKy/2VLXzXrxwmzpt1LbXtFu/
 T4uW/wDeb63R7GZOtW8G8NLG/EqqVnVflK3W3LzW/upNaWZ6V+2d+0noH7H37J3xe/af8AEh09
 ofBfHG91s1s9U1JbOk/vl4j9lsvNiO174MVMumAZf5lCqxlU/wA+3/BBf/gkz+19+3T8J/Hv7UW
 X/4KV+LPgVb/APCWDW/eT+Dzqe2oa7dRQR3cz3ZgvrMCNReQFCXlZ3ebKx7FMn9HHxL+F3wz+NHg
 n9+Gnxi+HWg+LPDpeX/A Gj4f8TaRDi2N1Scqyx+ZBORvrtkRHxcpwyKwwQDVf4S/BT4N/APwn/w
 gK+Enhnw/MUK2p7m+XrCWg2+m2nnPjJf5NuiJvbAy2MnAZo9PeXa5/PD/wTC07xL/wrX3/4ONbr
 9kn4wfeZSEEPiS4k8E6t4ubTruR79dXgtdR0qVEUs0zNpD/2ZFLv82OIZTguyqLgR/t0WXx8/4I
 Sf8ABe28/blXwhqfHidwX428X6pn40+6kjlT7TLHvjm2paZ5qN5f2i2kuNiOW2mK0nePa6qf6Cv
 Gf7Kf7LuvH+KgmfG/wClF7NvghHXvGmiyW0mj+L9a8HWV1qlg1vj5DsQ3UStSxGKT50KsNj(fMuDzX
 QfEv4XfDL40eCb34afGL4da4s8Oal5f9o+H/E2kQ39jdeXIssfmQTq0b7ZER13KcMisMEA0Dufc
 vH/AlOGp+CQn3i3wzoOr8Lp1/tDw1vUbK0m8M6t4Pu4brSvtfYkDTXVxtNkkUCuZ5WS5fEub7BI
 +12+BP8Ag5L/AGU/jd+xn/w4nR/8fGfg34Zl17R7zWND1nUptQt7iy0fxBoz2KvVfD+SkYhtL
 KCzCAzeZJKt2A0Y8oH9jV/48/8ABM5H3r/wTv8Agbnr/wAkm0f/AORq9p8R+G/DvjDw7feEPF2g
 WWqaTqlnLZ6npepWqT293bylUkhljcfZl2UIWVgQwJBBBoEfnn9JP+DrT/glh40+CDfEX4n+I/FX
 gevXZ2DL2PefD248L3v6dTFYkm0VpdW8ZtZY3KLRRSTYwXyRukSEGuh/4L9fLwf8c/8Ag358ffG
 4xeXkdx48Yeh/B+H/XqFmN5b0t1vSZ4WZG5QmORSVP1BR6X/4db/8ABMSHl/4J2/Av/wANL03/
 AMjV6V4i+AnwL8X/AaJjZ/8WfBbnwqngOGxtbKHwTqPhy1m0hLa2MZtoBZvGYRHEyOjGgTahjTa
 BiAGr+A3/BJD9vr/AlIKfAb9hvw18NP26/2cPB/l4K2cealJrGq6t8FbXWZ5lpLyV4A11JzAOBE
 UATGtA28Y9mfbZ+V+xyF/wTcm/bV/Zq8GtpvvZ8LeEde1rT9D80+GYNaOZot7v7XFb2X7vNHM
 lPtUfZiCSA2a2P+HXf/BM7/pHZ8C//AA0ejf8AyNXpnhL4H/BXwB8Lw+FHBePB4XOXwV9luLh/d9J8P21tpfk3DO08X2SNBdSkqSQuu3DmRiwO45E
 Nw+Lp8K3V4h40nUPA8914o069VriOyDapbBrVwOac3P7liKfi0Mkv7g6n/BodoHwX+DP7J3xw /AB+NV3fEfhBqF/Y6h4Z21bXsP299hDfDWNQI'
 ZofzB/LvX+Bmf+f56P8A11e0eHdHrhw4sfBnhPw9Y6Xo+I2Mvlpuk6dajBbWlTgGSOXAJfj
 jVAFVFAVAAAAoC+h+Qf7Un/AAWv/wCDb/8A4KKfs76xm7WPgXVpveQ0Wfe00zStT+G8i+MLZYpD
 NFHYanaiW3ty803XrIrtnR8Zt8injr+DL/wV4907W8BfviFqeiXkfhvVtU8OWGk6hIP9HuL61j1
 F7qnOfv0wLpYOkact+or/E8t+czkjb3/4J2/Aw/8AdJdH5/8AJavZ/3Cbhwz4G8M6d4K8E+HL
 DR9G0exhstJ0nS7NLe1sraJAKUEMUyCRxoiqqooCqoAAAFAXL9FFFAgooooAKKKKACiiigAooooA
 KKKKAaAjwRXS1t0fsR+JhX4duvvl8L/Dj3nhLUJZLm4tdMtDnRGCl3VkQYw34ZlcAKg+RguEL/
 AKKUEZ4r5vifhna8UZ9fXrvlkeMlvF/qn1XXyATXlHCFmYcI5f9aw1pRkrTg9pLrG9j6a6T/
 AD1+DP8AwVL+Kvw98MQ+F/iH4Pt/Fy2DvVpqpEmpPa3bAE8zSbJBdku1Q21WO3LF2JNbnjj/AIK4
 +N9Y8P3XGm+a/hH2aLqEYlY9svNWN4IcJ5YvJjByZyCkX5HKsDivpTxp+wx+yn481Ztc1n4PWEF0
 0xm0q9ayRvmj3G0Z3EzXvHElyeYBjH8NP8E7/ANkjq/d29/8A8Kv+2zWsyxyqtGqXmqsytK84
 zJ5br6qylSOCCCa+Hjw94oYen9VpZhB09Jl/Fb1dNyy/ANvPIR+gS4m8JcRV+t1csqKq9XFfBzei
 qqN9w/BxecWFEPY+AXxyvB+Jlx4w1Ka6ubS1Rf+Em8WXzBUi+UFITs7hAqrFGMIgJB

BhJBUQdhcRMiMoEIFEKRobHBCSMzUvAVYnLRChYkNOEl8RcYGRomJygpKjU2Nzg5OkNERUZHSElK
 U1RVVldYVWpJZGVMz2hpanN0dXZ3eHl6goOEhYaHiImKkpOUlZaXmJmaoqOkpaanqKmqsrO0tba3
 ulm6wsPExcbHyMnk0tPU1dbX2Nna4uPk5ebn6Onq8vP09fb3+Pn6/9oADAMBAAIRAxEAPwD8dyAR
 givOn/ZR/wCDcL4ufthf8E2dG/bm+A/7QdjdeKtesdSn0n4Y6l4fthdPZ6lc2ZgXUzdbVkkW2Z0
 3wLHVdEd403TD84NN0241SdoYWVVSnpJHb2oqjJWcFhlNfsx4i+KvxE/Zo/4Nuf2Ufi8F/iT
 qPhfX4f+OI9PoutWqrFMsxuVFIKfJlZXR1ZkaJ1KylzlwZWIpyOWYWGIlJ1VpbvbW6PzXB1sJB1
 XXTKowerK97JxV1566J7n5KXHwL8XaBrucFPHlvcHq2k6hLY6ppN7Zst1Z3MTskM0bbTFIjAg
 o3zKehgCCK+1P2lP+CB/iv4l/wDBSv4af8E4vAHx2l8aaj8QtBsdXuPeqeFo9PGj2clER3Mpt5L
 1xOILWwu7naJkaQol1AYrV8Asn9tL4NfCD/gtt+ydD/wUF/Yj8B2/wDwvTwlDbQfGLwDpjBNQvol
 gK5EABN5KgizazAh7i2jeD5s0l7aP9QvHP7M9+37R/jX9tD4WnSbj4mN8G4vA3gVfEkFzHp9jMl1
 eX7NO0T5mt5riew8zZH5ka2TBHJkdR7X9kYNQtb53f8Aw34G2W5ficTUquUenenKEktHB8zkkv5
 tFFp3cX+P85f/BYv/giZ8Rf+CTVz4N8Sx/FP/hP/AAf4wW4tl8SQ+GZdPOnalDhjaTp5k0SeZCwe
 E+dvk8i6/dqldzt/ba/4l0n9j/gm18lv+ChLftGjxGPip/YO3wh/wAlf9k/sv8AtLR59S/4+vte
 nneX5HlfpN+7d8uNp/V/wANf8E//id8U/2H/Hn/AASe/bq+M3w88W/EzULbUPiF8K90nX577UL
 GX7YHkubx7jTBJbI+o3EiPchpLi5h1G/iTaIWJ82/wCC1fhC90v/AIIfs0+DPHHu5sdQ02+8H2
 upaXql8NxZ3Efhi/kjkjC4B4pUYMrKQGvGQcEGsKmTQcquGiaXLvo+v9efka4n2NLD1MRKk4r2f
 Na+szJpOPm9b69Gj+BYVr0Wiu08e+FiL0jS1vdN0pdqliysY23ghz13Ajcp3HuuPSuLR57FYe
 phavs5vU8LC4qOMo+0hewUUUVz3Om7Dp0o75ooouxXYZJ60d8+IWNi0y51vVbXRrOS3Sa8uEhie8
 v17eJWZgofLyyssca5t5pQATXcXP7P8Aqc+uw+DvDPjnwzqWtGSCCexj8S6esTzTXHkx/Z7k
 XLQXCfZCt86yKXcEiaSsauKo0ZJVJWv3/rRebKXNLy8/Bx0oPPJrduPBMAmNqwsfF2i3i6WzMKk
 V/5QvoFkZDPAJgjiPyoHLYLOvKrlIiDIK8Nb/DreJLTX9Nmjjkijns/tXl3UbyNMAPKkCmRQIdzP
 HuVRNECQZFrfod+tvmm9gtLzcAdBVjR4tIm1e1h1+9uLWwa4jW+uLO1WeaKHcN7JGzrIwXJClOD
 Hgsucje1bwPpOnJdaPbeM7K61zT9Wvba9tYzofsMlvCilJ7a883ZPvZZxtwoIWEo0pm2o4/DuC78
 Ox+JdG8X6TJbxo66j9s1S2l515VuBH+6t2InXNhskgfd5Ssd0u1GWF3qJYmlyp89r7P12tfv079L
 hyyN2Vv2S4fEHhnybH4h3Glq0cfjltcWENxKPIi3z2XyOsZ89p8Qy78xwx5IDTEwcnokPgV9V0tf
 EeqatHYs0f8AbTWNjE0sa/wMSCANKA5+z/MpcqPM+QgL+8q34Y8B2+u2OsXF74jsrSWwtC1jG2oW
 arc3A3SGMmw4YJY5ENawmNZS0qWQhd9zGamU/hZdR+HLzxVpfjzwfWtksZkjhlORXMM60JnEcE6
 xyOY3mSjvIG9t5i86KWR0ek6NGXL7Vt2S1fq15Xfn03sl0L5pS6HReBj+yBNrsMnxLk+JFvpf2+
 9kuLQo9PmuDamG3+yW6ySIF8xZTdGScph0ihCwoZWMPnusw6NfrF1F4fvLm5sFuXWxulY2WGawe
 MdjPGrusbFgHcA8Bmxk9F4d+GkF943m8leKPGek6atjGZ7+8tbxL5PJQq0pgeBmhndIS8uwSKH
 ETlrGQR3OLZLVKt30EfgyjLfgcjP8APbqDyOh5BAMNTpxrSlGpKV0tG7q1201pq3ezd3dJX2ROr
 WiOp+HelNqWj3UK3Kxy3CrdL5L7plxg7Q+4AA5YEAEGHnqK/ab4PfsHQ/td/wDBEH4J+CP2i/29
 vhn8Hvhrb+NtUvtdK8ReD/Lup9Q591yH7JfXWtQ28+9ZbqYRpb04WMD5hG7N+Ftvc3NpKtxaTvH
 Iv3ZI2KkcY6j2+9hPi9q3w/1D/g2C/ZkuPiPr91oul3Xxn1BGvY7V70xSC68UISwzuxlOoDEHbxj
 JH1+X46jTwsK4/Crvd35fRfPbu/UwwuEcK2Jrzj7SPs57treGjaabvb8PQ9O/ZF/wCCSmhfAz4v
 N4u/4Jxf8F4fhzezW6FfW+h6Bo2l6bcrlIMJc200aaldbrylA77recRGNJUTdCtJf/AAVU/wCC
 hv7f/wC1MsP7H7fHw7cHu180+Bz4B19mWPCmi6Q8FxdaiYNqXF1M9zOrgRzSPG1syxSLc+ZukVo9vj
 Ot+Gv2ffhOq/Fbwh+1bHY61o8yXmj3XhPVXkvoLuP54XgSG7DJHVSGBTawBLp94ff8Aa+LfA3/B
 xX/wT1V/B8OiD9tD4P6DCLu31N4dNk8VWKTAO6vGqxTQTqzMF2xpaX0gQm2t7nzJtcvzjC5knBQl
 G32ZVw970s2vlF5GOF+sZPIITD4OEsPPR8nM3Ga62vKVpK173u+pv/sf8Ea/hf+yr4e+E/8AwUB+
 On/BQDwbvpvhHxx4d0m+1vwL8UPC8S6NqsF9aR3h0mWW71VYriRCgulXeJtlxZx3HIMggj/4L4/D
 X40/ta/sz+g/jd+zP+0H8LfEn7OPwovF01f+FF0luNlupvs1rbrPAtxcWdyulhhihMQilXUCFh
 8pnkrOb/AIKfjBz8h4s/4IV/s0YJ5ENay+HfE+I2PhD7VoesWbW9yt9D4YukmsmilKvFmh8zKMNy
 mJgWDXdfj7x7+3d+yl8KP+CT/ir/AIJ3/Av9njx5o2v+N/GUep+I9U8VeJIL6ON4723n85po4oC0
 oisL02ECW58YVWdnd1fzuqWYZfHGRwfrNyzkuZLVX66O1r6bJ3sdWYYvL8thWyyqfTTPqSd5Nynyr
 TW8Xrunrb+eY/Ljw99agU1PWbu5hfiSGQRKG7jIEU8H0I9815VPEYJmhLq2i1N0bb1P0l616d41
 8RJ4e0zPF66afMcKhsYOPveub7d8DjOa8ury88IS9pGC3W/Xfb+v8zwMhjW9IKcvhb00S23en9ae
 QUUUUV4Z74UUUUAFAJHQ0UUAFFFFABRmiigAo98UUUAABGeo000oAK+nPjX+2f+1NrP/BNf4Q/sAfe
 D4c+7FH4baXfXpjbwLrtlytquoIdR1u0kaeQXTxLGLqTUYwhhikxbxtypDSfMfXpWw3jDxBfR6P
 Df8AJdWdL4dtWh8NfrP3XS0FxlJdLFBuYeQhuZ5ZvkKgSSSPgs7EbUpSjdJ7qzNqMPruk7XVn6GbN
 Y3MCRvli+vFYqqGYybaQQDITn+E4OCDjBBPp3wzg/av/ZH8bz/tK/DabWPBPiL4V+NLHsB7Vo54
 4LzRdZuYr1o7Ke3k08l47G/ingkjZMRywTqPM8tuZ+EHixR4c1+br9G+NupeBbPxVY3OheItVs7
 yTWBtNuNokivVMty2bsEM05xykomRFKqyh7T4tv4AhtdQ0LQ/21fEHjBtBjxnNpi28h+/t4mS
 NHjitrLQtWIS4m4D2NzqCQ2+15bNlfycBbgFSMeROd9uz18rdb7FRjy+nt5spfd1PpH9vt/gt1/wU
 Z/bq+EGl/DH4oeAvCmnn/DPVbDxffeJvA+gXi3ls6wNp6y3rfapreOKRtTWKSMxlpmSHEhxiPiX
 xE8SfR/GTSL6G48G+FNwvfbMMoTa9qHhLVrS8vZoNMEEV5cyR2t3lJ7RRERyfaYo/JdEmkicx28
 7R+Cw3UmjajNjpmuy/6uaNLi0Dxm8bgxspJxw6s+R3VirYzz6V44tftPwQeN/DPgH9rrW9aP8f8
 lpol1o8l54dvLM+KL4HTlkOueDznW3Nks99tmkd4W/s3EZxNGacl7ecatV3mrNPZ3WzV9UtiKNLH
 S58T7z87f43WPGV74s0+PSXOW1+OSSKqzKwzyeAoblc4GTnp6ZqGL4Y+O5NSs9F18PSW99qFus9
 jYXkiQXE8b2y3MLJHlyswmhdGgwP9l3qsXmMQK1vEHxk+Ji+BbH4dWPx58Wal4dmMWo3Xhy41K6j
 s7TUfDp2f8l143dbJfT1mAB+zssXyqpQc34YsfC15dzSel/EV1Ywrp9zJC1jpYmmkvAjfZ4Sks
 SrG0mzzzt58uMs6pK6iFmOelfPVd3ZdV/l+Jnh8Jh6EOWCst9/8zofHfWf+J3wx8SeKPB/j7StP
 0vVfB2tX2ka9p914gsVOS+tlUC0uLeFBMTdyJLcR/LAJNyLLKUY4ZXTjg6a58ceJPin41bWfi38
 VtamatZ+1alq2r6xc3F/NqV/DBM1v5xZi8kkkp8oTOTsE7OfbBzNYTjGOxU4xjsFFFFQZRRSrt
 3fP074oASitG40/w+mgf2Nd4gL3sl+0UemC1bekCoD50jncjczBVVS5OyUt5Yefm3det/hg11ay+
 F9X15YJGf5DQgnws8A8iAyFHSUCYic3KgFY8xxxMSGZIs/aR5rWfXo+n9adGdX1WVm+aOjX2lr
 e+q1tZW16q603gt0V2niW0/Z6tviPo8Xg7XvGV74RxfZ2/calpNpa6kCCouzbpPLeCgM8Qdxt3h
 GLbDK9nTr8AZhPhnUJ9X8K+PbrP9seZpdrb+IbL7KuniW1/cSym03tO8Rvj56xqkbpbjZA7IMX
 iXyxGnJ3tOav3Tatbr/wAFX2Wx+9JSqwXLf7V727Njp36dflR24Kiug8OaZ8K7nxCLfxd408QW
 Ok/Y42a803wzBdXP2gxxl4J9hYyxIZVEnmbmVEYxoXKpa0OP4KJ4S8TL4kuvFEuurJbJwa9jDb
 z2ki73EevFZmdT8tkEzBkMpOCGGksRGOyb26P7Tt1SWm7W6WrRnHAyIvOCWu8i0V7Wtb12TtZvZ
 21OvorpPDOl/Cg7006uPGPjnxJY6kkjzs9M8K293BKmwBc8z3OLIS+QQI2CryCx+Wuqq039jW78
 FaGtz40+J2n+Ht3PiRo/C+nXlJLKSctgb2GRFUbJjesX4YCPlazqYqFOSjyyetnaLstG77arS1
 lFvro7lRwFSVNZ54Ls+43eqVrX31vZ20T6qx8z2Gt+INEvvluLq6SS1k2SW88jbVxwUkk/h6jtj
 Fd9o3jgx8QySabd3VpbxwMEjWscEh2BiA8mCmvlG0clFBKivoD/gtZ+yFe/AD90lfjN4f+LE+E
 vC3xlmvL+y0a31KPULPTL+O5lju7CC8toktp1jddypBv8mKWCORvNWQD45ztAOeema/R8Rgacj
 jOKUlddHr+TX5o/RuSnRlftT8t/X+tdGd74lurT72HR4JoY1htY3h1BLE4in7ExdhNtlxWYmME
 vVRcd91ZbvxDHNxqQl2y8yPEi8enQev6detZGIZRKokmlX005elWxmulpmCjCNGW3q24Eduxx368
 59MvRtWofjFJwT9Uv8jqYfCIZNunH7kfWf7OPgb9l9oueXwpBoV1o+qNYfbtSijuLm4u9KKIVu
 J7WFWY6npOXlrcSRRp/aftBNcOFv0s2dtv4k/sT2nwzuYRrPhxJo9Ss1vdHuLHUvPtdQs9+w3Nrc
 ROyXKBgVLR7lVgVYqysB8a2eoX+nTR3A5ciMGjmRiG3ZyCG7EeoX/h9ufsr8FRNEvNPf4U/tWe
 HtFurG+uLTd4mm6cXaNOVnNqN6kSmWG9+zx25bUrrGuJfsQ+2WurGXaj+pYGV006UfAAFXF9Rw

UttZR+5Wf3IztU/Yq0Hxjq9v4r+Dt7o8V1cahJHH4H8UTTW+IXGjVY4NS+0Bo2BeVv38iKggUeZ
 Ozbt4h8Zf2YP2jfhBqX2XWfthxqUf2izjvdPtZdHna4lt5YxLGSq452MCTwrD5kLJhz9yeNPht4OE
 ej+PfAnxP0PS9L8R8YtN/wCwEw162t9LnYJvkgTNe3ro935PyR7JZbW+DszPYQgFTBoPg39onwJ4f
 T4oab4c8XeH9L2s1I4h05bqGLjcyut3HtQ4BwGUxSCF2qchireT5tUlpBL5BRp5fh4tVMNCdn9pq3
 o01+P+d/hfQ/hZ4m8aRTN4a8H+JLO4WOJ7TTdV0crNeSOp3wRPlyY3G0SM6mQEMi0PyV3Vr+xt8
 RW8Ssqiawk8O2MUv2Ob5d7mSTVvtMUace0kSAC2G4uwjPmbArJ5kjlXP1NL4o/aJ+Pos2eka14q8
 VeOrhJBBDBe69danORlOLBE3OwbjkkE/dGBtGea1a70T4auyeO/iPoOh3jXfXzGz1bUBJqiXMSeb
 5R02JlbseY7LFLHY/LDDDSqAJFV/Y+Bhq4IzrUcvxCUY4eEX5J3f4/kjw2/8A2SFMj2THqWVolaf
 LoqrA5CSw3RKdoblyFIG5Rk4Jrl/iD8DdJ+H76xP4k1a+0qw8L3SweKNQu7eSC2uizBdLhTCEffy
 BHxEgAiCO8uxFcr7l4x+Nfgn4U6vDF4+0zUvDsun69CZnKE+ntfTmEyZEscYmXQrYyeT5kqzXY
 xG9vA4dyPjH4meO/HHXL1Ax+Obq3jtdLmmg0rRdLkzY2YlK00JDsPmZVJkyxlpwLkBah5Zl3/Ptf
 1/X9bmH9m4OX/Lf1/X+fYy7rx4LjT/7S0p1jmkv7hf7NmtzJ9ntgEMTG4Dr5jnc6sBEgHlhgfn2
 rBH461vnzlbMYbHYfirk1UksnwzS+c7eWDHu7twAoeox0x+vSvUf2fhdZfGT9rr4f8Aw31HUNDt
 YNR8R27M3iaRTaXPIEz/AGJ0ZWwZ7lY/isscTLiSWeNOMkVjUwGBo03N007JvY3jluBLK3s19x0fh
 j9iv9qXxFlpnr+q6PNlrfRxTRwx2QlkSOTJXeoFkyu0jceSecHBVgPsb4Pf8ErPhvZfDCPW/iUt1
 qV9d2wuZrq51JohZDDZiXy1JiUkbc5dW5AJ6V9saL+z3d+DrlmUVW6aaSir5asWiR2JRvGSAwL8
 ZDBthBB4B-a/2p2pufD037M/+80vxtRKR3Vrqp/Z9P8AMR7i+5fJWincVLArul2ZQBMaW8rSTLEVs
 XU5IQSfRfJ0z3KGT5XSp806Ufmk/zR8N/wDBSn9mPw5+yR4m8P2fw+8Uakx1ybUDDdWd3NBcRQRwm
 DymhYRK+1vNkXD7j+7B3HJA+Zf8AhMfETN82o7V8vBCwoOcdVpfn/Diuz/aa+P3iv8AaR+LN98S
 ffkRt/0zn2ndrHa2qMxjIDFVLA3EliFJJPyqMKsHwx+Elr8Z2/4QvwLcT3PjG4t9ry3s7i7rK
 0fymJeESXE0a5+zh5twYHKCJYn3mRPr8Lg6VDCx9tCLl1dl/Wh59bB4CdZunSil091f5HGnXtvmk
 332oXmwQsgrb3HlEtO1j1/i+YjuPIBXgizc6vZRxwXFhqOsy+ZpuJluNQCio63HLrt+9HwtQDtO
 TySBg0K1rU9Akn10ycRtPbtBL5KcSbkbGRh1I7dcZHbFbHgf4mS+CV8QfaPBmg663iDw/caXI/i
 CwNw1Goro32y2O4G06XZHZDuwHcbTkEdfsaUv7sF9yX6Ewx+FjypfJH0p/wSS0rTFgnx6Ph7Xr2
 K4urq3vPJW6m3yJGNH1MsUUXSsdziKlGRuMyrkBtjr+iX7Jfwp0v9pe3uNU8L+KNY8OTaT4V0OLV
 fCdI/a7QWF1JHCPLIH0y/uofMeTzEeJ/LnrMrMkCB0Z/xO8B+OdQ8A+HE1ywiMw8to7i3+0yRCWN
 hEGggqc052uit4xX11qn7ZvxR8a+E9PsPGkc3xClb+8v9L1DVVg2o295Zm78qSa3d4Jwsi+Y
 pcKVBJaSRc7dqp5OYYWXXtOeK0dttNfyPeyypQp0eVJXT7aWfom2j/wWf8KeHPi9/wAE4PCut+F7
 jTPE0PHtXLPZaX8S0I57iNbSPTproaXIZLqae6lItroymEk/mbREjCYm5MUf4tRyyPFHakLWRm
 XEa7skAEfekcAkpZSOMZ02/vwCcnXiXxZ4L/wCCXsPibx/4g8NXl4w+1EXsvDVvrCT6il4mhXG
 kXbLKLqcXfVaXTsDt+aMyKsmGkwv43wWsjOqqGZumle9epgK1XE5bhhqt45UqXM+rfs43b82dXFt
 DD4XiHE0qHwKpU5bbW55afJ3XbQ9G1v4a+Pfgfd+H9U1oadj/wAJN4Rh1izjt4BTB9PvFkiMUMxg
 yyMm4NGCGCz2kcvamU817i0VordlzG2QHx0JHPOMdc/jVjw9ZX1zC/2Z2F8uEtU3YXPocA/wAG
 78s0yaD+0hDJaWu3KI11jwGbHXJ6k+/c8AYAHZTjUjD33d97W/C7PnasccqjcFZdFe/46fkfoz+
 wV/wQm8U/H/4f6L8Y/2kftHLA4D4X1uxiudF0vRdk2oXVnOheKZnKmKzJUQSAbbgss7hxDICw+nH/4
 No/2MSscdz8Vfi8p4MgXVnk3BNpAZSDo+7833dwz19h6Z+xR/wAF1/2Uf2gvDGg237SfjWH4T/EL
 UFVb75fENrN26LzCGOWWS8tbtx5EVq2wlvuZy3jdvKDSkLJL7tc/tt/srPH/AMi9pX7cHwr8tjmH
 y/idpzQhQpMkIE+0Bctz2IU5+UV8nXxObe2fM2u1lp/wTs5aMY2R+d3x1/4IE/tV/ALRfEHjH/gm
 t+1R4i1QXlitrqfHW4l0u/v7MBnmhku4HWCdTLHCwhmjiixyz5jy/xN8U/ib8bfgL43m+H/AMd/
 hJ8MV1Ox1+z6hofhHSdH037PjfhLHPdeFZrStZymxoJZjtUYMoY9w8FKP+C/tmfDy++CH7Dn
 ifWJdQ1Ddbah4+/s2axj7Tyw8iWCS4nW43MY2mkjJMXks0e4tHMn5c+Aphj8Rvj1450z4ZfDbw/
 fa34m8QCwaXp1p8zytyqMzlvuqqhmeZiqlqu7sEBY9e9l9TGRp82lenmtfn/AMHU4akYz2R6F8Uf
 24JPi74ai0W7P7T/AIB8C6f8PPAf7R3xD0TTdKL/AGTRtL8cX8Fnbxs/mAQwRsqRnzHd2bncWzhS
 DnpP2Xv+Cdn7fn/BQPW7zXP2evgB4q8bGS6uH1LxPcMlvYyXi7Hmj1L8C8eO3Nx++RzG0vmsH3YPJ
 r7e/4lh/8Ekfhn8UI739uH9tXwsj/DzwXdkVhrw+22Sx8X30e/jJX3YmtYH8tPKjBiuJ5zUjkQX
 Nu/6jN+1N4k1nStM8FtCm1j8fEf9H02Gw0nQdB2QQ2SeccMcUQiVBHGtWjQRgbUMKlNuB4njvx
 l4W8PMPGeYtyqzXNGnBJzk7Xd7JK+zk1eztezO7KclzDOKjJR+GOjk3ovLzfkvmfieP+DaP/gtK
 bJZo2FPaSRiHhPxEO87lHqf+JjhHHYmvmX9p39jX9sX9gnxoPBH7TnwL8S+A9Q1JLi2srrUbP8A
 0XUKv1vtAtLyMbDkqzklYJHAE2xyNkU/0s+G7vUZdMtr6l/emG3nWe3h+2PtilBzvUZwGySc9c
 k+td/b+KPb3Xc8KX/wAHP2pfDln4/wDAOUlKWr6L4qsk1GEbWR0IKyqzOUeNHHOVYCRfnUZ/GeHv
 pTc15tnMMDmOfnhYzaigjGcE31nPFxjTmXmLu7K9vosVwLmFCg50aim10s036au7+4/kP0uWyb
 U7ddUjR7dpNsskdlCK3Bfk85X7w6j15BGRXqXgn4MeEtVnjD+e3zMJLiYCUxr6tGCMge0BP45r6o /wCC+v8AwSN8Pf8ABN748ab8Qf2eTeah8FfiMstx4T
 28sreV/sM6j8JPiprEfgn4meL4fDmuM23Tbq5l8mk/3NtVkJzjz5IMfG4H5T1C/0Dnc8Z9VjVwI
 5l/yvzS1T328/Q/N80rVMLh3UV7Ley2+X59jzDxz+zfoOl2T32l+JFW4DNth+zsoYY6+gHfse3Wu
 AtE+13hOWWz0aS+jVyC0l15gWT0zt9Oetf5p/7Kmkx6dJbvJrOr3KwOgmuoTb3UcxCFfm2yr5IO
 77sW4nOspGbn5n41/4JwlpGetyaloOtaTaxL8rNfQmPzGwCdgrtC7R0y3lk9dozx8xhOIM0wu4
 qm5R7uz9Nv8AgniYPiahtKfz2/I4/wD4LP8A7Qg8Q6z4W/Zu034ga3qt18PdHl8OeKJtc2/2lncQ
 3RmuIr658hXvLuSluGeeRGi0uS5RALtZH+JditLWKO6a60+G4a5j2QXfXl4a2YSRu0qhHA3EDyz
 vDriVlvbqTe1ml1lvXadbNbvT+2G4LItxdxLnaFKKuzkRhUChVXiMBQoAC12fwU/BnhnxHZ+L4v
 iEusabpu5nhvDI0YNQWai1hGftpstChWZ4pZtwDonlOhXzFrV0ytUIG9SS+S8tkr9EtF51+0qSeM
 xDlff8Ar5t6u3VsT4ZEbPEPg7Xno+v2fg/xFNqdzpzyaZz2os5PPImmtYJ7ZiHNwiShGJ2xkyR
 PGCnNhZ+007xTeeAvCysadpnhnQZ7jXZl7ecrp2dU0+yQ3fmWkb3lfyBlpTfOUldUjtsXC51EvoPw
 klr4AeAPgz4ug+1l5N4sW90c6V4L1Dw74gvNGbTNYntQ6XhgtCuptZxKI3S5uodD50kamRds9Y3
 iTw8Qfhp/Ydz80fifqvh7UJPCeo67pU19rkukGeFtsi2UbTsSguLWGYxNjhbz2SJBSWfz5Vo1K
 vs2t9r6ba+p108HUdGVSgOfdu601H77tf5Wucb4z8GaX4i0ez1X/hINK0vWLOVdLuPB8lrcz6gb
 eOMXH2YQOxta3sB3ebuNwjFnnbEtuIJKo+PfhJ8X/hH4L8M3PjjwHcQ6J4+029HhnxNBcRXKah9i
 vNl0Ikik00XtWn45VDruBYKXVh0Ovfd1rT4xt8Hvhdl1BbeNvh61xY6Pe+NNdtdTtDPoS7Tm9le4
 02ZUuGgtzF9qmjhSRFktY5QfMMcjoNW/Y+am+FHxE0jw18Qv2W/G0Et1cXU0nh2400+s5L1raMS
 3cSgQB/Kit5vml8knZFOjEjtyJKN7dbNwBwVdrt/nucqj7yt5X7PTsv8vwPMvFOm2es1j4gu
 PscmoT6gn2jS49PaFZoVjVYsQxKoUM6lG2HcWLEYO4V+o/8AwQC/ZU8c+BvC+uftbXnhc3Fv4xs5
 dM8M6lMwAvdMhuTFcOgEwU+bpDGrlb3J9mUKwWVxXyNqfBMr486V+yxJ8XLn4WeJLTxHoXiyQel
 bLXr606R70WxtDaNa2lzcXEkY3E8KL0ISQjXNtHGGYzlfufHEf8FFfg/8ABP4SxtA/HP4k2fw

prXfID97D4erofjC38nUdChc9v5Nrc080SQ3sCCC9RWMRFoBCsaBODGeyzbC+wwtZK71ad9Fulb+r
fVyoAlwOm0qGnbZq2/Iofq345/bq8F8fs9Nrr4r6n4k0zU/Pjie+ntzpwv/k1qK3mubryElgpnupT5
NgUAm5tze7WkDhYUvH2Rt+BF7s/Xf/L+4Ym4s+NP7RGX00veXlSWtG1K3csldrbhd1pHA0zy
sBrJlCkUZdsQKiqxUAir4ft93k+Brq4ijhmZk+1TWEEJMW2r800uOQqgZiXOFiALdeRX1Hw14cIr
UdcstE8fZdFvTbm80P+3MLHlghBfUfCp57yMMJDjOxSc/KqGstyuOVtxUN61bX5dLxSvT809nCp
hfaKjZ7Wdrq39bLZu6WymPLHw10kxYz6ZyqRvZgTSS3rcznvL2wAignGFX1XdhLAsLxgPUM38Me
LEePxjqNhbzw3Fml1o7eToQqywPCQ3mEaXyZkkQs8byLxu3Cvo/hnWdZmu9DvbPtDLv7e2eHVbg
WrPLAYigXYLSgLABONuXswFLLDoV43Aurmzw+pB9NyY1S76a4VpXtmQXAEOM0b+ExkWBU8ovG
kqSSPfe3ySfXfDNaOL5ZKTX919m8QR+IPE3jgvXNV03403W16pp0dffa14q8LAs8cfhvSZ7eCXT1a
5sLqW2SGTgidv8b8DswXshbDb2qXsXtO3x9+zxY+6/AngPxfAw+GTFPH4oxzdeLTvWjvzbajq
qWcStCm1lboXULomGXg4FkCLNeywv8gWNhmrLfdLDSNQvpBzcWNlFufYsapIR8JBW28M+0kN8xz
31Y/HWv2Vmtg07Wk25sLe3ZuVZ9ykg10m47FkZNG21ehzuv59JbDxrULeIzRal/Sv/WAdpt6c
qOMVOo33Vw+X9etrfj40a3Jm/wCCbXwA+BxHLwY9Ytnb+ADY1bLBrabiFTZKd4x5W/eX
d3cSe7eFukKo/QVFHDBeVjEtTFHGZvurxz06cdfSuK/wCCd3x+0T9uD/gnVpPwT1DxXHdfeP4Qo2mNp
p/eH7ZdaEj6B8rH5aqsEcqVv5Jf9mieRk+0QhuevLWfD2qGyuraa3OQbgvFYBMCN3s/wa+
9fy4z42BZ8rPEYIN06k18JlEVFead5W/v/H6NwXialYotfGTbXxv3T/15T1Z4l+W90ZGaqdn
jnJ613l8Q7e7g5cfMueTXXr4Y8XxEnKrpKWXvtnD5oPxVv7iWHS9OgmLq4mWK3t7dGd5HY4VVU
clieAAmkm5v5izDg/2lb9zG930PuKelfJXlodd/wUo0rwp8ZP+CefhK1nXZYT198PFQZ2h6l4uPt
NwW1099yaWJWZ3420m7VwCg37wocBh/OstLD9xi2T1Xp/kfX7Tf8HBf7w+nfA9JYf13f32b/wvAE
2/DiXlX8cenNNWtFHXasbV05hp9gElpYzEq6pJMJlTKPKdXC2IZh5dyhf8AFoxSlinlNkfePp2/
bX+IPA0W5p1hBXYOYPHt+2Pw0lRfdWkX5sVovzW73YPfoeKrQdAq1qH4XJteavv83Y7q/ag/a
n0nWHD4404609DplvMwPvFeustsJsaLHLr/EJC/KJlIMHGvMeG/GaJYFC13f2b/FvxFP9xq
Vx5+pxFnrU8bXcvPzyMrgyNyeSSea5+HSry8guprG1uYbG3866mSElYIS6IHkwDtBkdEyeNzqM5
IFwv0iEPjHGPVl7/ANMSfHwqHh6LeC130Vp4qwgV7QWu+1IPetFhk1J7ebV4wvsvi7Z5Lht04i+
+UM6SMCrj8tVRsQdOHwfvf27/hrr15N8FLZj++HxX5S287fBZTNx8QeHDPd12iN5NGJZ7q/ja+
me5nKRlZ3YSlzSGb5FO9E83+Gnwu1xla+Irvw4Ym1K38l+F7JXfEH2ZVvDbTYZER5XKkNIQWiY
7QxZ2TjHJrv/AN38FFHfWQ7qf754i/Zp/38TJf6G7PU28XrENvfm002WHIK3S/Wudltp8lRartY
eb8e4C4ELBarG1ANkY+TnKooQD/WNknF25m2mdrJ3clar25Dh6bDVlqk5SmcvdpAmLzqcUWnZ
b3aSWt+j8Y8Qav4l0/RZlD1zydP1md/I07cbK1lleULK6wsfJQl7aDom2MBO8SYdTNH+MHxb0JQ
LHxN8X9pJ1jxhoLAtF0rHb/vb+z7YqafwW8Ok2upXkMslJBHDezS+Vb9cKmixe48UFxFual+z/wCJ
vL37LuofFSw8Ueh7rHx7Y2Om+e+EohTWP5p1qYPaaXmKhummaWJv3Mse4fMzp15CtG18Hvi/
8Jfd/hL40/Gbw4bjh8OX2pXhJfUvBupfEa2o1sX5lCkw2symOzI/F17a/haeQSSwHhFujRIOFo
tisLK7tWPM086k01LR25vLlva7Saulour0FRwelJsdSUZcj5d46PnqPPa9lZ2t1rRFG+zVo/wC0
1+z18WPM838Q3eYfPbmgrwV11p+ueJNH1lDm5s1KK952825Vb17O6ht7xRNZ38guWJylw7R+s
H77DlJN4N78/H43efALhB/4P4ieAfF2it4d648ur2Y1CG/omxnNvSE1G06narZKRG9s/mfF
ClveKySaQ0f5geJ/H37NHxM+1/jbTtF4w+LcmgaP4OuitC+AEWqa4L2+0HyZ4m02CdpZV8iyRGUqY
B5giWdkXEWZu0/Zq4b48S/r6bdfAI90KTXR4R0+P7vUobT9el0eUHL8Wwhvcs2V9o2UN2WE+
+W1SLcsn3l3ZlWXXc2w25YjHvGgnCT9SLP0K0r2d7em2p24Opg8DXbqSJNxe191tuk7PdW5l
1s9D9jfhfXvB8b+CfipQ3bA+G2p+G7nTbPur7Rt58MfErX7Pp2l6Hos97qeV59jMMxvEN3BPsE0a
x1ssUuXlXkfjg/8At2eMvgdD8GtGn+G370PFCGz8J6TDfNDNpurWekSafD38mcsXho5XkcwJd5axST
3fZfE8Q8qe7fay7xv/w2+G379lafUPePhUdHf+oeJLWz+M0J+HbWPwFer4iudEYXdlvaMy6
w9rJMFnmelW8DSW7yJc77Z5/ydTXlP5iNAtbGwCWF0skN0kGy6d4ZEkrMoTfsaQpg5YjyArhd
3Dw1k+WFSU607vutl73YHv5pL5GmcZJheVrPsp3t669a9fN/nUtePZw6vxp9kWN+15ZlKxe/vp
Xe0k82lmeDyVlMkPjQ4KEq+XPIRGriN46uoa1pO6pbqMUSabalpemyQTaguedV7YfjSknU
woEfaEDNkiTi+chM3VL+yuGLDA/lnaZZLi6LOWKANYmKfKSCwG0kb8Etwage3+1Ss8skshb5tiss
ZzxwDg54PTgK9XeqX2fQf03tsX9T1e78QanNecCslwy/6Oy7YV7H7mCny1GV07aAu3aNoJqafFrW
fDOqegHt9K1CV1k3Zpvs5aOTJzExKkPiScAeAU/XAf172XaWbHlXmkxr8UgW32iytmM00UdmGyq
88naRyVufMcpB5wCa0LbWJNOVtR0mK1s5IGWSGRYfzefDPKjjbqFUJHdmrli1JlzHsn7G37R1
r+z9b6z4F8beGfXda05eq7eJqVtHbVLwK6GKqfQuoiIHfYfwqZdkAZzuff6eG/Ctvrmhx4+GPC
jJH4ht74qxXZDuG9SwCYRRr5YWNEUxsY2X4AGHnshyV0Ux1Y31v9PbdFuAE1Sa9JEmns7HloK4
8EY0wFjMjO2QrTtRmH2WW1uLn5kl/dxyQtlMqwCZv+62dq9ANxIBxk182+GMLDlZjXqM4TatNbqa
5blQuYqyvad6t7ze8uOWFjLFKum01uuj0sdL8EifhPj5+zL8R9P+KfwG8cXvh/XobXyVvLCONvtN
vK3zRTRMfPzEzBQUKrKjY1xyl+1PwL/4Jf8fE/ANpew03Tv2l2BfCfXrMc6A6mrrk2Muq+HV2
WYStaAt19AJZJGvJ5F15StGwncGRk/J4F57j5l9PjCu5fQ0C6J3cm/3gm516AHGKy0lIHf
lsbeq/NwOf590/8AovUzLK8t2JDPD42lGpB9JK6v3XZ+apSoYithaiqUZOM1lTsz9kbfi9qP/AIJW
PaSySp+3vp8Nizqd0fgnxEX29M4G15HPQOOnvXeffz/gtp/y3+zt4W1jwWdsAfzDv+EXjydbuwtf
ip42sloLP2OeJybvCpMxSJkMjLHLURt5JmhmbEuxu1y0387fTjXjGj1eC02CQM7w3cHAP
f2pkMKXtUPbBNCFChD9Wfuhuo+b7W4zk2ZEZi8XK+B+E8lxSxODwcY1FapO8mn3XGM3b5SHiz4aT
GUBQ1qB0X2t19bJX+dzV+K3Xs8a/HH46hn8T/jp4w1XXPEms3Dzaprm0T5uLmTGMELFyOAcqigfK
q/qZqKBMX06Jo+iahb6hcajVZ/YLUXNrA3Szs9+5mij88Q02USBXabMhqiQpBIA28ojmoex9XqJ
G+NmdyS5iurMHOMY9j6hUa248kH2h3njUUrRkLLEnGCTxyBu6ngm02j6h3Z5o3WtJ0U/7jTbLU
7XUbeC5a3iurHfucHie4lDfFk2sORVW855UHDH0GKMSXymklVONM0e4n3IBO0M55swasy6VHDot
rjH2aNOmcq6/aUzi647glDAVYAoHxDW3S8BaM2HmJ2mld29MhmHJHIBq3p0IB/DBMRq2h90fs
ifH7wl8CPj5N8SLPxN468MyQaTtsZfBLvYsSSht5HBciYRxFm5ictBMrqwWLCG5aHr79pfs9Zf
xdpR85eOJCP/JHwLXkSD0S315La1JYU3khtUJre3S02SRpUKMN0LdggqZVX44P0G/P40+HfHt
UutV8X+EZ9Y5shH9p0+DvJbLUYwUFLA8yNW81XJR7c/KH72hsknK1a6LRpGQXmqo6Jovxh0P74XDF4f1
zWnL2upa18SNITGvLB28008XIR09Ogiu7eSaSVF8ig0LJdqXFefisio1M0L1SqtuKXMMppRsmP
WS5000k23ZV79TJYJErp+z20vWybt22bvZTfwnfBfQ9T0Yv441XxxCmjaqcr3Hh+1tYfHrC
Szo7604V1ZLX72W0WnXlctW6R8sObxT+

ME8gKc4BI9TTZILbVDNNZvI2l1laLyfm28lwcdDHQdMgk8ZxVdAlbae6WJZCF2K37pplj87EHo2M
5xjG0jop6gEP0q7vLa0uLp1ja1mZba4jzOVw+OVIztyGcklSVXIYcVU81TbySLAsy9MyZ2jKkL/
ABNkjPa90otMma8CXNzJlxuDIqTZXDmb+8G4GMdPfBPODQA681Fre2TToREyyqqzyCM+YYwcoPZ
i2Mg9fWmbeW7Vb3aN23IRr87DBPH/18ZP8A+rs6dpbe78iYRk/MGQQq20ng8EflwOeQRkYzWhb
rHDZyeUqrmqYqhd5UcYAwedk+xA9jheoFrw7o9t9huk1Bv8ASPKZrdVjLkY+8NvHO1QRz2wRzuWn
Bby2jrLcRLGq7Sy4Zd/JJbd1GcYOT7cGp7DULiB5b+cTT27blkhjuApclSASSpHXBH+43TqKlZq
Md7JJJHatH5jZIZDtXjn7oA5PHJyOtPTIEU7vU3ubyTUL28mklbkdMzNkyMRkhipz3IPIB5qqY5
2LS3c1UyRb0+Tar8kZH4qenAlxWk1oLaaO/VWZVUPGyxqynaBjjADDnnlwe+TkVHZWunebDdXavL
H5gN1DDMsbchKk+CF+TPJU8no2KkZXuZDbzhrdzKxVl2rkLjG3cAOoPr3/LJp91qM0OLT9yVPztE
zAt25wOnBxwOpqTjXdaNcrDYEHbwvdykgngniNzAcdegcefc6aGOWKOKSdj5e7b8qkcnqOe/WgD6T
8PfDDW/GWr/8I1L8Q/Dfh+1a2to7688Selfs4drXsNmUZ9oWQqX85IGWWKGAQj5cDQuvhF8QNK8L
6TeeHfjF4NmhlxUZnNlt/FgjlUyTyQRPCdLHHGWWebyM2cQIUkn8IZY88fd6rbG8tre6kt/mG1nWP
IT5VYgPg8jCsehnk7Upavgv+0N8Yvvh4vhufwLd2VvpXgPxsuv6E8mg2dyNM1VorlCcTibl/NYA
abgGcY0GZth3yu04jD4pKX5WUUVde64przTd09d1Zpp91o+YpS/sy65qurRXuj/ALRnw1uINQ1y
9t7y0t/Ekdmomht5pt6/ahCnlyrD5KXB2rvY1+xfmrntO/ZA0y7sm1+1+MHgfaPCNzrzWZ1ZIZVj
htW+w7XVH+1FrUNVjX920KU0QcPDlG911T9q/wCK0N9HMFgV8PbqaxL+W80eD4L+HreGFZHFzPc
yxWmnxrNsFvCwkkCIJkQIYQZP0l5S/23vjL4Cfw1438P+KfAq33h3X38UeGdJsfhvov16HrSRW9
hut4fsKxW0rW9rBM+xGaa2trhgblIJYuf4PN3Jr64nb+5G+u19fu0Ww4+p4h47tRq1ID4ct9Is7
a4tVmVbiS4SOS4O5vmlDPjzAOAAA2GyA3yheeO/Wbnwqy3V2sUi3CyRwyR26eZtw24guvqSrNySd
wGeQW634n0/W9Yk1lG/8ALM11Lu8mNxHEMMRg7eAMBgCT00cDeSTW44Lq0nhtmuobdVt47OC53j/f
SRRxq+7aqYAA3kqMxLBYmSvWlrqble6Rv4p1DXdRhaaCB/IGJ1szuySeRjnPzZ6OeckZFnuPG
treX0lpp+HjGxNvPhahWuFOQwbaOgl2hgCF5wBgCud1Oe3W6j8ZFhj+V187azYPOGKd8Aj5eMj
IJYTPp9xDPeZcxxxSLHCUVbdhw+FVSd55G47j34bGBzUcz6j5TQu725iXUNRu443ka42+duldlc7
28wbclNkXG1zkb8gEjNzPncC4vo7W+Zplbd1FxHakOMZQEgBlGMeZyNx6nnocOk1DwxrtDJPpujyT
LOeMwPIBCZlo4B2gb22cDKtU7W13YrWN7DqDzWTLHlwZ2ZV+eNdu+Q8kFiAXUG/T5iSC5DM8W15
ForJpFY5PIZdkgLbt3lGDGMSx4zAg9wSags4m3mVrtVMSnKwyEN1wQG2nBxk9xgijORVnVBpqX
CpFcgllU0GZth3yu04jD4pKX5WUUVde64przTd09d1Zpp91o+YpS/sy65qurRXuj/ALRnw1uINQ1y
GAbJ2tm4+b7qgYBYWOMnrlYmTFPcXhljt/ElaNVx5jLbh5OFwikMy9MAckYBPWpVuDdLJZae8L
NM+FZVZFAKjChs5znlycjPfAZVR7O55ha5MI2+YPIZVA+VSAWK+nPU/ePckYoAgs7dJ5RDFDJI0j
L5a7TlmpABZz7Y/rkrmp+Wr7AAQ+fnhVvm74OOAcscY9OvWoTpM4mVYoW2ySBY9qkeY2cFUbknz
nB5xxnkio4EjdlUyLHG7HbJID93pnOP880AWrJ5EVoJarouWbbnc3GAcfiMD2OQeharCGMRReYyqy
q8iFDuLLZGB0G0d7z14zxNp1pBJBJS+hq+by3/ANYoHIA4IHuRjHYkYMNyPszRyyTeTuyE3Hh
SDnuBkHqTz70AS6fdmYIE0xXylJwwDatKDABB7r+JPXHAra6IHH5f7p5t2I2hUL8q5J3npxg9BjZ
1HeCP7VvZ8Sd2+ZcnsT25/H9Kt2qPcuy38u9WYIRuYbXOATjIGePfpz6UbgVRYyF/ISSP50LKq4G
ABwM8Hvhw056Z02qjWN8UH2WVeGYbWkAwoOAeAevP5V1ExpUMEP21JJD5jnHycseAwB5GAcc9eRWF
fEqwxxvFZqVZmKJrJ3Dockgg8579McVTjyitueveG9RuNKuL2ex8QTWd1c2pjndVIDL5gc7+u9Fd
FOCP5TeDuC59C0vwT+0zrPpT4u6NB4s1PQtQ12HSbjW18LyaahlpxqYszDHaeblljgXcdvMTFGMPA
HyoQsCPMZ/DuoNHO1zHaQ3HzSwfLiWNVLEspU43E8HK7uQRxX0t8DPCOtXfwL+G+q+OPhpb2qfD
3S/jfQEGrWviD4x2ukx668Inob3Gnr21zJD9kvMgz6nnFVsVb2Lz5MWkbtPwOBwXFTnq0oyfdxTfr
7vz5MLROJsB/wUUVvC+sax8P7r4vWln4Z8I2mtaw+jxalEmnaK9s09pdzGnCR2ZtXaWN/lj2BmXi
PeOf1n4D/tx+JfjL4gHt4SfEfwPGWl61ZaPrSa94ZvWv7e+1BRBp0NzHGKcXEYeX9njYlmCfugy
xHb+m0Pg7/gqp8G/hpfX2s+Bfj/daLY+CTr2h634R/akWw8O6F4dsp7G8dLUXLnBSXH2AXFPcxlm
R4pZlItK1qSPlnwF8UJp8Nz/ZZfGgPpXhWf+Jcei+Dl7fwpp+peKvjppGkTeBvFEy3xtl2jWfotiG
d9XtNO1RrRom7OdGbzSXm+0xYU8DgePWIVpUoxILdpRte27r2X3LSOpoflOv8AgO68L6/9n8e+
H/serW19MuoWmpaZPb3C3kMhFxDJIV8mRSrKUYMVaPbhdxU8/e3OkWSPp1vAGZoUv07imQwXZBgh
KjaM9OByR94E7pvp9oF9v34AeM/CVx8PNJ/ZM8dWcm128Gm6TD4s/aG1XXNN0trSXV1s4ktiIhK
WkGr3UvREJewm0tmLyK+oR6h5Zd/tAfs2eNfAUPhD/hmdtH1u30eO2vFEfjq8u1FyLXR05LlrOf
KbWms9auPLQoqNrmYg5LJUI3vHY1R5TNFHDJa6Mtxbkspl+9Kvkttkbby2PnJA3AcYQZXkV0Gh+A
2mt49V5/Oen6DDGG8uGS5ZSpkCeft/u9QxyxQIcJO0Gvqr+GNR0Z9Ws4obfzLgR2bXSVmGSNSSE
mAcYEk0lI4OWBABJatSPDUOQ6Ha+Ih5moRtPGZlBngHtXBVV3k9smMowB8wDBAYKElXvShzJbmL
4s1ViUMjSTy3EMdmf3NIGscMD/liSeUfWkwqZTggttk5FcxPrayJHpl2ZP3RiZEkyWwHAKIZsu
y12wSy/L8vAxs9E8Y/8ACK3Hhe41Cx01/wC0Le8ZZFCwQ4jV1jQyhFzhVUoceSFXeTftBYluH1rw/
cP8d1DYUwLrIKrRrNj2FngBjpv5lA6DgDaMkoyDmizP1q9Nnr8V1oDXEFrYnV0eZo1mwGZo
2Ljktkk5GeBwcDlJn1oxb7S2nzFG/mM8cewLNNkAKRwcLzhSvN3etWzpkNnayDVoorD5jKtFbj9
32JGebuNp43YABGMS1UBp99IfK+yRxi4XMO1uJO2PxPvjQMDGBDjK+g7oLi/tWngubWxFrGuyRmf
DeZg7S21iwbvbnJ8UJp8Nz/ZZfGgPpXhWf+Jcei+Dl7fwpp+peKvjppGkTeBvFEy3xtl2jWfotiG
4cBkGMhT827n2A5OD0c2wled/p1pc7o5Mx4uN6fgrHBKZX+7uHUBeNvABYicjBgi1No5LK3jl2Mu
+4RVDKQ2A0Ocs5DBPOs064yyNJGIAuG8yOJVYKjAoNxxYhWl6nnPUkcejOcXta29zqUkNsnkxyf6k
Mu48Zwq/eLHOR1OseONuRqJsz3LSNJGWIDTKcf6+vYnrmipt0HcOpINaUEkgtVkl3Oys0luuRfu
BVllc7TgYwDn+EFhWcLmFHjhs445Im4aTGHx656ADHr9T0ptnZXVzNJBABZfj5z5isSq9WY4ByF
AJzJO0cek9tYnHNGk0xZTlXmKagBPIH8Xp+mB7g0+gxLPSSzfaLidl05/dx78Z7A8dscnA6D3FS
Oe/aYrqFl3W/8GFjwAPmOM59/rAKv6pDPaaTNaSanuaTn/AEeZVx8wyGOeol+vpCpDHDl3srtl
PLj+8qnnJ9B+ee3GcehGB0InqdzrMhhZFaNIZY9xKojLkkZoe+0fTHbkQ32kOtzIpW3uMSMNy3EO
FIOCMESfNk9BnOec8YVjXTpF8razx/K0bKGdtlsHoR9f8AGrEwRw2mAwxaQ5RmLJJZ3wiLg93B
De57DA7hectXxR1J+0e5a5pDSWcdpp/3QoNwqqu4rvbPzMfnlGO/JO75gMV6NoFn4bn+BPhfxfdX
3wzaHQ/iqFrJ4kk1SDXBmLW+leB9sktpi0w+UEjb7RDM0l1qHkkKzrGHKsPm9lHdW9hmrCqq/Zw6jI643cnHTuOR1AFdXfX/AIB0b4I6AsFijS4/EFj4
liaeVeBwtpJJNpceZ6Uqd9jinJLWw7Uvgp4p0jwnrj6/q3wlt9J1JrxoGsfZ2Zahf281hZ6oVt0TT
b+aYrPmjpBK6lbzzCzULe6b/R/ih+z7pngDw3deNjrj46/so6h/YsfliW2nhXT9VWS8vpLXwzdW6
aqRBBbrk3Fvp8NxxZ3AmeM6ld2xMcU1xcxLw2j/EPQ/Ag0bUNI+JPw5mtri5lv5LG98BzXsOmy2+m
O6WLpcWLRIZZL4u4RDF09s9xGs0wRFguBhff/wDaQj+G/jOLx8F8Mr74d+NLFs9QvLbT77Uvgio8s
d1aJHbwWl08V7bu0xeKDbusQXilFxDk01wibinbpfcr3TgPiv8AtXWvj3xiPH2k/sd/CHS2/IMX
en2u8dZHXySR2xhulxaNOYHjZfs8jRMrxRvbRyRLEZ7o3PhN3aW9vp8MktrfQyz2vZsmQv9qLoy
l4/lywypHJYEq3IyAvWRaHbJbm8SfrreczRSTbVkyFcpJ33jgcMMqyngZJteLLHwprlj9jQrQWcd
vZoINP2yNbtjPSr7Mzyb8eYSMBcnaAsYzl7MvmZzvv38W6lYlJ4Pn1Jv7Fa+F5dRzXH7medlJl
7dmjc+XwZ2XGUFbEcOCyglq2Fg+v31IodpY/Y7e+vEgmvre2lmigUUXeU0BnxmMyOyhjtAZQoQo9
Cz0/+w7qG6tL21h8u4b99b3XINrYAEbiQy5wxyMEDPI6i5LrWsXdlfSaleXfVNNv8+SbdmexxpJ
Kp248xxHh36yYJGGoUZr0K5ostf20LWKbs/E9jfxUMUMI294biQ3LEL5TJukVgVQEQMVHhZJkGI
DVm6/pml6npdpcafp5bQws8lvuk3PKfvfi5yGUsEAU5KoM5wC0fhHw9BfXbXV1bW89u0/ITr522Q
KDNkckpjiHlGeo4J3DYU7OyvpNPi0o2cLKnzR29sj/v8AGFA6qCNoL7fssAcjAXTLco6kPew7O91
rSNAh0nUrCYrcY2hoWUGOZVzGodU+ZjnzNp3jYHZkyz5qS8trmN4bH+yJxG9qseZYJDGrozbsBx
zlcC7SeBmOMAga1tSaX3mctW08KwnNHHPCTxGXC98kKdy4yNhu7cbhg5dpNveWUCJf1DeSNMv9
oK5hf51WMBSGUglerKx3DClcYFEYpQlyucrfWqeaEj2R7Y08uaPZ90lsKvVDFSeckdugGRestliu

FtorGLbHMoPl/aGPkuM8ncQuBvY7tvCj7wLE1qa9Y39xarBdw26tJtf7PDtMzFy5EcoA+XcGyqHL
 qc46sKpz2TWtTatBpvnReesC3EabelhwcA/KSoU7cnkck4ApcornNsJWLTQ2rSN8xyRkKFADNyN
 ueO4zwBjJUCeTaB4W8aanbTXWheGNQvrvXjiuri3spXW3lksWRVYXrgOUgmceKqgwucElxGjq6zBW
 nEieaqOH+6pYJ5dgrwCe2eYGAtnWjXemSfa4JP80cyzRy2kwjdZUPySlyn7wb0HGBjksKsan
 L7jV/P8A4FvzLUuxci+HXxH1LTf+EH0/4ea1JZSWzXAvItFkaFoQlyS+7ZtwFsr1i2cD7JcNwYpC
 HS+DvFkGmatDqnh26hudD+bVLWbTJvOtl/O+zUJMDHtiQTmGLMhB8x0UAknHqnws+OHhDXvhV4Z+
 C3jv4m/GCSw1la+tfE216b4kWBsBdsf0i06S006Y7biSC5WaaWCWSCOWKGOFLdmNzH7VJ+z38Q
 JP2lrr4f7dJrUCeAGqb4mCT4ctZeJlrjUbaGeClk0pLycxm5+yRSyXlxcbpjirbMbPNzw0
 5ZpzNyULXdknLbS2t3qnppolzapV7x8O31pqlu8OpTxn7PqFu0tpK0QZZlyWQsuQNW3K4yvccEM
 DileWqzHdHGFweGzk5AGe3b+tfXX7QPjnwuP2ddf/sPxL+1Hp/hnxD4Ht7Xwfp/jbW0bw7rWt2N3
 pAvDbuVijm0+3H9q2628UbyQS2umyPIPtM1va+FeHov2ULHT9Hj8a2HxOvrmlw2j+ItN0q+063iv
 dYGSyFo7ad0IMFo2jIBRI8U0iXryOUeFFR9qLxTu68YrXTIbd153jGz8te99bJxfc88ACFF+0LFn
 twMqfXvzwR279uKZqE8FztCzxw7e23JPA5Pvx+P51vfFe3+HSfEnXrj4Mya43g/+3bse4/FDQDU
 hpfmN9j+1m3zD9o8nZ5nl/u49abwQK5yKlW3ZPZ/N1EsYOPlT/n1rcZ9T6fdtp+nG3tpvLSYMsZ
 L8uyMg/KM8d73xwDk19AfC3WPj9J8APBPg74XX3xstPDUpxmlu9S1XwRortYDVJ7fRyRmZ2Xia6
 1hJlptlvLeIQspH8pp52bwG60u3ivZrgxTSWpz5Y3BsYGFBOCoBWM8bwR0GOSfePhJ+yr8Z/JD8
 FvCPiew+FHjLxR4Lvvix/wAlubfTPHtIDZPrd+um4tobeeKQ6fPLBCY2vZQ8GZLEOB9nYXHs116a
 nJF6n0J+0b+0J+11qmtal8Q9C+JX7Rlp4r0D4oTelFg5D4o/Z80S1iaGBI9N1Q3n2V13XcczRQyC
 KFrUyRHZy1lv3W08h+In7TnT/a88JeJPgP+1r4k/aG8VaVo3gr/AlTYOz8FFDPQ7NNG1CPRbGLT
 LltPRPMtvD1vBNcvJcJcxRXM7bYCC2keSabZ8WeLv2q9S+OsmR/Dj9sCFNNtrNfEvm3xAvpvEC
 6rezxw6XJLqDaUog+0XWn6ZGkLW7t9hEubdHGkflaV4l/aa0jxn4L+PWtfB39pRtUttDtvqHw3u
 tF+M/WBh16x8Fy3Y0K00/T2/s6S4jMmo6parGLYQHtrhvLtlFuFuk4Zrjsv0NonxL8SNf8ARePPE
 EXwrbWZPCqa5eR+Ez4mgtl1laWsrC1N0IE8n7T5ewyeV8u/cVPQ1zdn4h1SHVJ7Y7plkjC7VujGp
 +dcEnHTEmdewOeMqJ1Xwx+wj+2H438d2fw9039nnxJpeqat4ti8K2f/CS6f8A2TaJrU9v9oh017m/
 8m3ivJYWR44XkWRw6bFJdAanxJ/Yr/aZ+EGn6hq/xx+CHiDwYun3NnBcf8JRpklh15uheG2aKOba
 0sUn9n322ZQ6EwN8bwaGzu31HtucHYONeiuLye1h/fl5j+8o3RrkiNsqueN0lYncoC5bKrDbzWnN /ZNhqjP5kfnXUW5hGh2Eq2SevA5AGc4z8wFPn0q7F7E
 SIBOSHUXqXlZw18Ps8RSiwbAbyQHO0Nu2/ebneCQc5FKLZBnQ3ITRrc3actHmBrezYzCWQhQjDE
 ZXqzEhfuk55GfmBtat4quZ3L6peB9ok2w7ViCu+N+1V+VdwGDtABXA+YdKuox6Da20sOuBY45EJt
 ZLU4OQ3THX5sHOC3AZhiMGnesW0Nx9mt7BgvywW+0l/LrlgSfGB8xyAuQOQJ4qn7oF638STak5P
 nwsQV86Oa4kcGmuBjBjUGMOAe2eg5o2WrXd/eSNeaarP5i7gs43Z3A4AKkAl/izyQMdMVbrxJbG /ZxEiq24UwoE3IT/DtPAJJPQGO2etZ/2GaA+dNb4aa
 TarPHdTTw6oZMqFhj+ULKjEuCxyzYbHy7cHOcjdDdeJrgyTWswVZNqrtDgiTaucHgjHjHqCBzjJ
 atkzIBGUZ5YmaZVwK2fdvAGDt+bOCMZGD7OFq3Vzc6JeR6zprfc2yQulyQDncu5PmaAOQcg8rgE8G
 pcplUFA9i1fJr+naNoru4ZwGkBJRoVLKB1XDbmznG+6ee5J0vC/w6+1vjJQdW8ReFvDanTdE0u8
 urzUtQvI7GERQG2SXDDzSlksqteWoMKMzk3EahDuUVyc2s3t6jXF27TL5jFZJGC4bBJJ+o5OR1Ax3
 zE91CJFS5nksN1Y+Yvy4XJzgdD117DOcd656/wBYqU7UZKMu7TkvuTi/xK5dDtvF3ws+NPwch03V
 vib8PbzRW1qK6/sufVrXb57Q15M6EucJlJAK8b/MgZSVG5N2Bqs1w90L2a4Z2a3VW8z5WjVertxu
 xgdC468YwK7+LUvhdr2gg58EfC/SdQuvMgt/D8H/AAlz3tg4jvTv+eSaF3ZjAEG+bl/Zd6BfQPP
 XjTWf+zxrvxU/wCEN8IT/s/6fpOqapJFba7otn8RPNMs4IrfS52uV+0LLdyWjy291aRfNFKWvr9m
 WKeaddQcuXYqviKN60WPlftDyp9rLmlpayvdpu7Wgoq581XVsk1ler5u1hGFv121WGMBeDuAMY6f
 LnOkzdSn1m3lW5vZT5rxh1dgd0ikZGQe2CCOxHrxj6U+J+fsfvXsmoaxoV18FVU/DGvGXS/C/hG5
 8fBPGSyXdo2yU6pG8htkgNxGqLPptz3sZJJBAJPn3XNVsodE0/RJPCkdeadeTXVzqG6aO7uUaO
 ELayBpDEI4mj44ykauftEm95A117m1IpJoywt6u6CL5nCsGLKdxnB15A9G6YIIHpg1rxH3CJMqI
 v3fRmmMmZk7fT8MVPfG+EWFSLFVLKsa7Sc4xgAYA6kZwfpkZhs75YlaVhKZmchhDOyHHUZWp9fX
 t2qSkfWi2zQwssBgRl2npylirhV6oOG2jJAHa7YPHHsnwuvPgfo/w68HfEHx18NfCXiLU7j4jXdj
 feHZPG1xY6jqfkgmjXSmWPY0gsrPYL21F3LLudtRmbaRYh18PS7hitpr+04P5M0aN0G0e6NhsIGT
 ttJDR78E4Y7YKtTtmS9nXg7gkBJRg/ALMXyWZY01WGOQkEYCMzg7ScocbmOOCTbj2pe8cKdj3zxPp3wG0
 D4reHbXUvhX4ev8AwvpXhoDxUvg34nN5mryy2qWiahHcTQyKsv2uYakLJbWWSNZJZoxFeyQnxdt
 v2edV81+MfCOifAXN2Q2Pizwve6jdX+veHvjR0um6nawMbNbnRre+d1ls1fTL0lnLcSajd3f/Z3Fu
 pso5bQ+C3EJtisuoynJLuLyKflwy4bJyOd5UBJlJ9CRuGMWWO8tdURiBhdZvN3TSc13BAPAAK7i
 2cjjgivrMnTv1/MtSXVgN18a/gJYfBLUiL34ofC/xQ99qF7bXH/CgeJF1Aachts3ySTIVAEcoJjnh
 aMSbZJo38ueJ4E51ajbW+hlHpvh+NbjcVhl2A7m+8CwflHfOce9BkVPq2p8LNL0a7WmQrdwzEOG
 AcjPfluCenUEDJAZrH+zdW5LRLRLdHHzCFWkLNSZdSSQsckZPTj5T03VGqe5WjlwrXjCG7itJ91
 mL5cLkn3YIOe4QewpO/eus2oi1TT2gzV3YVkyUrsycfNnHfPHQH8K3pfDX9p28MFpDHBw3DbJp
 JiyMAB8743EYAAyqgm0YkVeOnRtGTTl0me8lKyLumaNVZXOd3HGvGCDyre/IWPK7jujH1u2hvSDY
 2vlzParMvllRkXAYvTB65HGOBjotZNtfaZJreJ9ljvFksl/1kzK/7tRknb9wklx5JX5u64rq00/R
 ktYUs4mgN1SxWN2aUAbgTlHP8AdUqAM8ZAaqXi2wktbLzLSRqsgyfs+I2K4fYh3k7ssWwwOF2
 knl24JlUjji/AD7mwaSbr5Gt5opPMhlhnWMJGZ5YtkHaw6N1AGTkZxpDeSRSP8wjyvmMo4XI4BPU
 H5ScdgDXQ66rWemWzwJ5MVx5fk+dGqskfzDJZSSQMK4AG5JkgIrnBvJbe2TfaW8tysZxNNIRjJG
 0/KPIUDXGomSfTgT1Xw1T7ntFWFWw8qOR452VVRgAhGTguuqcXwoOTuGCMmqt9aXl3/AKR5Sxxx
 2+633MMmPecMScKfmByeCckjgZE13rdkH8mxMYUKg8rduVpNoyFDKckOW+bOTngjrVwfSzY+W2oJ
 dW52tJsuSPliVdpUkk55DrkGAY49B8LgXmZt1NKj+X9qWQSDkAMGc5ByM5+nWkvECPLASyqNrZ
 G07Vyw6njduD014x0A39pCq4t4luP9HaM7WS2G6Nc8LggZOBk47nryTW4n0y10G9m0g6TNG8VwwZ
 pZuAMfcYEDDOQuYmndAJjkb58pfNqfa3in4q/sAeBPgFZ2nhP4BaNrWv+HfBd1o3iHVPB/7RXiBd
 P169syEtr3UtGn0iKeKB7rSBf29ossCJHqkYlaHbGLXoPAsvwr/Zf8S6X8l/2RPjfqks3ibw/pPi
 Xxb49+HP7a0fhqOS0ji1G3GkpJf6Jpqw3LXstpdG1ulby5higCL5fm3EqfAM+LDT4XnAiGzdBHt+
 Zh+Ge56knj25qGS8tk7LmEMLnLkcebbwM88AHgA+vOSMlwVklm8j7P8v/tMfBj4zX3hvx18Xv
 jN44+LGH+wBma3rXj44cEz9ozXpbzUGtrdotKsxeT6DbWcF7areXt1DsluRe+VdQoYZbiC2n8q/
 4KDa7o0Hx4tfm8N/wBoS+8wa1NHbzT+IpPi1d+Lda8xLOzlgU59Wb7TKMMkq2QjXzYZNLmVIE
 Zi5JvnULfz9UKgijgmXaxn2r+6CgZPr3PPHBx1OKo3K2sFywXTmVVTnquH24+bOe+3PPHY9DSej
 LNbx18UfiN8SX0u5+1fjzWIED6JokWkaK+tavNdHTdPhZzDZweaW8mBN7FY1wi7mKGFjWYTYxpfoT
 JdmHb94xxq29uecMeOAPXOfpW/ovw7+JWvaa/iTRfhzrV1ZWqobq70/R5WhjV2AUl4xjnJGSNlA
 55r1fTrvRtSuNElG1v7X487h4prW8heKSB1O0xuvBdqV+YHoew5rSVGtGKIKLSfdGcalGpJxjJN
 rpe/XrTvhX/wRS8c/ACy/bTi+Ms3hfR9F1zUfDuseG7jxJef6lp99HcG7sm+zPZRNXnm3uhLc3JkX
 UU+w3S2ltnvnmrqS1f578b/H/wD4JV2/xj0zV/DF7eN4FuNTaGx1gaTryaMsUP8AY/m29xJJH9va
 9+zz687jgYUllHsgppGmtT71+L3/BJ7/goFH8l/2iLU/s+zSSepNP2U/AvgzwvDD4k0yR7XbK4s
 xdWgVbklCmxv3jhY2x8rtxUv7LHwf8e/Bj/gqD8QNW+KfhtdJgg/ZX+IuyrPewySSpc/Eu88Q208
 MaMzzRyaZewZLLGrfZl2l7m3DfaLS5hh5HWn1k/vOr2ce88GefFjZ/wTT0D4F+Pvhl8Z/BEmmePLO6
 vZfhlqdxH4jtf+Ets7qfmrNQi02W3ZdLtri2mspkW5vbwzftMjsY4PKD+Ef8JZo8Nm9nqTy+YD5
 TzLkK8nQAOcTf3uBkXxkj7U+G3/BEf/gp3q7QFI+0hpP709pqHge9/ZOvdCs/Emn/ABCOC5t7
 rUJ/hEdEhSPy75mkR9TlHEyggHlI3+UfMr4bvobS5iX7Tf8A2KNpBKRrs2d245YDI5IBYAEK9uOK
 9DB1Jestb+py16cbqXrHdtxXalsknzCS1MF3HtQA4YUvUbvmmK8g4ByvJflqwtq4KwwsPJRIWRYy
 Xj8zaF5wVb1514z93tJNo0yGatLSSwtQ90nmHIEh3HpuGCCO4ZgCATkjhQms207uYLozSXSkrT4lh

jYsyw5YEEYbC44JjWQdykeKQN22zJKxqwi50vVf7ObSr3dlwCwTECZ9y/LnoRhRu4Gcn0wat6brPh
3VLd3gd22KsU0gxGmCQ+VHJwDuGARx06CsG/v8AU3u2NrLIscaMqw2t0FxudSFzHjgYC57kceAg
jQ0+Ky0RLmGxEjSbXm1vM6q0bMp/ebm4JywbJ+Y9PTItxMsXt/avYW1tqEE5mjZY5DEAy+YdpCr/
ALXGCT0JDBa5tUn1C/SJhc26+W4b99cZwGG7c397jGM8DJ+9vrZea8tDeXQ1RLi33qrLJssb5h
+XBYHGBjAlD2f4cDnbvWr211+zQslw0eKu/mbVQSDCqnPzL971GASOBtqZWsnGzrltb3mktpdZ
R7511XzoJAN+PvMoUISCFzBjYmKjJrgzYWdLM8sYn8tkZvtC7hGlzuwD8ozngeYGenl56vxJeaV
Fo2qel7BZlZi06a582Yhtx2PlmBT72QknGAcs55G0Gn4b+LX7P+1/BXx/pHxW8A+ML7xtfzWq/D/x
Za6zaR2sAeU2d3hW2/fqUXdjcYyGwPEzCQ60eLLFKUuZR5U3rfom7aJ2btpeyb0vcUnKefdTeqWn
m7X6aLd+RzqafJFhbmLLc7DDu6kfPn7i5UJvclQME4KuhvJL22ksdWmhnnitR9m+bCxZGd2BtH
IYKFyC3e568F02sahrDXUuo/EzSNNa3sJbmJbvT5m+0yqcLbllbZwJXBypfbGB9514Fdd4H1Lwbr /iaZLz4vajDZ2VjNO1xeaba6fNiTSfLF80wkmNv5ZSMl
yi3K+nZN/oTpaWVpDebryJYWP+iqqFQGP0D82FOMr95s/MFzwVbaCC+SNoo0eRN0cymQhNoxzmH
J474B/u546z4gaV8E5viFrFx4V8d276Fb295c6Zat4tt4JHmRi5ZLdJHsZiQrb44vMJW43KY5iVc
Nx54c1TT9Num0DxtZ/abOa8nvpnrnXtGjE9mnywCFFuGLZlobvgGjucNAUDb0L6VMJUp3Wjt2d/+
H7ry1O1WjKdJ6q6T1Vt+j81s/PQn1WQxrHJc/vWjVljWSYMLwH6Ywcc546+nXFU1u3iCyy2QVnj
2sQv3l3Eh1J+bqMZ7Y5znFdd+z5oGm/FD4/6H8Of7V/tDS77SPolj1vVLW1VLlRZJCZkkVlh5oY
KGdWxsRhtv4P15rf7O3/BOOO+F+hahpPgL4iXXjw6xD/b2l3esQxabHbKikw7hC85keUSOu+BVjF
wiEym2mtz62X8L5lm1lqDjZScd30Sd9E9OzPzL3iK8nxCoYlSu4qSsls2lBvrvW1R8LzXls0dx
DKipcvIsppk/uBGOzg9DlPmxyw56ZrOdv7RnFtAys/M252Kq2Mgtlj7e+enJ4r73+MX7Hn7A1hLY
ap8ENM8X6aY3dreXfXa+KLl2024Slt5FsB9mv7kySeaWaSJo43MSLlO2S70h8J/sq/8ABPDV7uO/
+Ing34gaJpn22XGZ9F1KLVLg+dbXjWkoWWa1H7qaO0WSPG2eNp2WW1by0fu/1Fzp0/aXj6Xlf7uW
9zzf+lh8P+1VnKd/SNvv5rF8ML+yHqXwD8KfC7S9W+Mnhq58SWU3hvfH9vdTWyJeCQL5W9JiGZ
Ajeapl2CRcwYH0z4y+Jkluv1Hrbs7JQq6xdDhc5Hmsec5YEnPJ555xwABX3lrwCyP/wSztINQv8A
w/o3xKuNPvPfl/wjZvtc02C4h0OS05En2yJLuRkv15IuPuRSRIHbyPtUW3yvxL+y7+zHLp2jyeH
fCesNcfYz1sX+oSxol0LqcKsO2ZiyfZvspLOfbzDIMFAjH28Vw3nmcU0tmuX4qknFcsLe7HkSh
f7Vt2u58/geJcgyTGVMTzSskp82kYRW8r3cuduXlfp2/Q==
iVBORwOKGGoAAAAAAASuHEUGAAAVYAAADICAIAAAHw43gtAAAAAXNSR0lArs4c6QAAAAARnQUIBAACx
jwv8YQAAAAAJcHEzwAAlDUAAACHVAQScJ0AAAF9vSURBVHhe7Z0HfBRFR8A3CR2plgIKKkU/VFAh
PSQQQguE0KsUAQVSBMFRAER6VVAsIsFe+9iRREVQVAQFRFURJAcCGnvwD33bnb27e7d3uUuOcm+
3z+XedNndvZtn1GU5sUn14sepp/RxODZuYnSM1737xkPv7qqETc4TlB9g+mYNQIwPp5qkCf4dI9B
N4hIFZlagCtqjljWvONGwVtB4FeJkuB2aGlips4TLj9huki34SJ15Pbpgaym2rQrTn6q0Bu+OsT
g2JVAIjsBsFQ4QkOqkG7i0WQipyZF3SXMVNZHbz0XnQwqTwwDR3BqAEmEDVAHw30sRQRumX3r6K
agBg5tSR/7peQ7F7ZH2g+whOF/IG0C+CXfDuPRA2kNJSX8JFCj2efVIOEDzo6/Q+TjFw5W/VhYDTv
qH+YowZmxyRpaBLlZRzt79+UzKbyhEIUZld6p+UgPKzEjmaXUwWR6V7Y0N5ZtSudIiAWUuW1r4
CE8Qs6edqIMXZgnTKaP29VI69I+foExkjT52qo6UuTUGRe5oqqKjZURBbS/CyKR6ijGoMnL+lJAd
M+qyKpMhh8ru9Ac7YC3Bvefff/wuHmA65guOtGWprHjgufefEXHQAAGZKzvrXeVv8QDTMV/mKYMRL
hLRbl0sQCTVoX7MoagBgHBRQsZUCbkGPeLkVLZw3TF9JvbZuH2JUM8fWLPu4LqkYg08QT7getHD
9FbDWN6WjCv8Cw4XQDnY4EDo2VPOGHXhm/+8yc6ZP/IG5QR941Ad0fBgFAXYpZl6EhVf65lpeRK
snpxT+X4AQpGiIOMPj3lMeKFlgo8ftPdABQA2EW9Tg8p6Xn8g+Iff1uF70cL3oYXq3GeqvubvE
+MgvyFeiVufpuNI9JIDPdxnBJTcv9/7H7ke1bHxZdHS4tQM6Zj02K/46de/oOaEn/LYe2fribbd9i
kPZXvHC960F0SMTfS2BUO7/IXlsicaOLLBHS8DH3JLccw+fiArWAMUsqwede/puCasMtu/ZEWu
AYJqaaBOIBEQb6h6w0HaBemYtjip7l4jVoU5CewgcSyu4AkBXsA9UtmjXWAEX2MbsJKVsfsErT
cQpKjOR80Y1ijjAcOik2PqB/WjJWg3L9UktW6LAUESoSeqIM76h/HS/FNFQD8Glm2AktBUJf2fAJ
OE6fPi8DlJgyvKP+Qew2deFxrWgm1Lz66+AB8MzNy9NK0YqBoNtZMQJ6omB8AXDHJ3pUVgPJH2gy
9loepKEVrYoSX14NRWJKUcz0S3VPO9Q/T3ZYA7NQBCkmBUgihxrAYryg/nli29UARMRByNeokb0S
WDQVvTBL6J8Wc+2WbyAjJb6mnr5nfK3rO2lBsQcTH5VuzfSS7JCvtv+vVXMBN6hBM0kg4wpWAFMh
Dvfx+Vn6JmxyRpaBLlZRzt79+UzKbyhEIUZld6p+UgPKzEjmaXUwWR6V7Y0N5ZtSudIiAWUuW1r4
XdaKqqj5BF18lCv6VpCuxerNriciaOWegTN3dC9m6mVw0qw4gFPKhlilwDO7BsFFCxIhaVMCW0
RVac1ADA4QRZ4JlSsBagCV4Lpj5MtWwOwWcFF0tmhoEDVKRF6ar31oNv9EjlB4lWb9VasCF6+nck+9
t/69/Px8jAORZ246Exw3LihVGYphOsS4GIGjpMYuu23bfUz6z/6+qOTl02G6x9IBZc0VVpWgaAX
PnzhmXee0S+C6Z+Rou/MQqfUAB2Qe3Z0tqgBXrkOnzEcQ4GYQTG12tXCGmz9dSv8dhvX7Y4ld8AF
MlwNQyqlgDUAqrWqhg4V3VVccl3okZVZHyrr7fgOHNCf6PPBhg/fGZzzTY10cfMZd3UyxggdUQq
OnA3Ob+jesEKm//o8aOg/vHPH/B78tRJ+NUvWwHdVvXwvQTC9aDT8juE25wXYJdxoKwCPohyAPF
04SebGj+O37fQb6f17pc0M+GvjYFoUfHrauS5i7AEvtVcq5Sus62DwZiqGJ0j1G9yYOWvj0QvKS
ZMKSCay4c08C1jwQNY6x/QCFaaK0Uq/qWt1Lz1+laJpddq78400xa6Tw+syk+tEXR/YsArkvg3RQU
tYUJfCGTde1K920thGo9QgCagikt/kGvGD8Y4fx/+l7zOnKmQVIGK8zw5R0Eflrfcuk+hG65+4Nfh
QwuHcF1CvoCKgmjKfE2TyEHlPlqsn055iYYusD88BqJLaPWDRzGqHkYkrkuHYFBAZp8vm0z
82QRMFSGAJRBH0ddgJiqWigMirEAQxelUIndB/ZRscZ3r3kiHRCEDjtRH7iYesGPLvD5FN0vdJco
wOM27AgwAsEz7U1lItfS0kx5gGB5JmETv7qCocTB/fMHDxNXjBy595wVwUAJNfHQBAlcbzLbw0D+R
teQ2dIEB+hyteojrQGRFv5/isYH0X1b1FZjam90qYCbwsqswm6KaokSdcnW3cBxld+BNpfoqU1
PPQLHPUvOsoAKxiBaMwH6drcOghzZ54CftT2Ykp8+PLW77FYggkLA/1j+Wp4uaVoJ5RbV+3QZQXF
8yUXDs9kCw3BEgsD/WP5ajQe23ylJlGIGie9EYsARPZKofPLwLlUAXNWBBAAAR5hodZ004ZhYeC6
lPva77+mukBtcOeXq0s1UE2yJScCAgrWhA WppNamME14qBm55gHDDUQrAO/qouilYsGTPHD4b+b9
Qgk0YUGQkAI0MYfCEYfCNOERZlgKFwauCzo0xBuaKGp5d5SnZtuRRmkpjUf0P1lBNcdFSQkH6K9A
Cynfv6XeVDNBPEfmuoShC8CnpX532x15rbjZjXJxBtl80jVJWphCCUUnAr2vKdsvmTeYERMICgoC
XJfgXCAXeAmk6cR5uRyRk1r2kEsTalzot4RrM0yaJWCCNclfHSBYygLk2Co3AuGjuhgcQBSwSer
QYTrEsHqAgHl5RE5qpn05rWjMli1X5B4jkhbWlHeAUf6CYTrRth7ielxj6DHTOWXNk4TKhwnIvy4
ARzZOdwn+9769+BXPINa8Kmy9EuKCQyFMVw8sRAsf2E5PiWCoNkxpcUTquUblLz8PHTHXxdF7M+
OB59/VHxoiNWVZQFikdHPuB6QFw39TrmEwB3Lr2T+QhqdSLHNf2vEZ7ihVOH2ObP9RIIlyVmfUgO
8Wn7n0ueWw/n39FTgNta6MDwldk4pVRhN76BbTXR5HScAXhV7xHihw4fkDL2C7gyM3Lhd/7H7u/
46iO4J3eh78noIrDuPz7lWf6s+alvjcDpDfDVbFXPW4W49sDb8R5rsMXJcQXYCkXj/yz6F/ZB/B
ypdWwu+efXuwC9AQI117aDeStC54YL362+EWteoXdtRuQHlY8eIk1gVy7RG5CwYmMnQBRBZdAJTC
t56aK198/0WvcCb0SHUgXlBS4XtLgekmd6yUnrpoC5BVzCasCAD+NRYg2KfOVNvpGrSvC+MK8Dx
7xH92SG+XWKGgjVhQSGE6xJUF49MXjbZEAGONJ5mCyiQ3H7A60WhgMI0YUEhhOsSVBdJ9GehEAEd
RigetL+T9kUjeDZxnmjJcL1yLvr38UiZChMeXyUQrguXUxyj9HDMGrJlKJL+nkaZOPKEVA
AZqwoBdCQmqi0lufWp+GdCFqtoBiYpu1OG2m3UpeZ87AKTCSzpzpnt3URBCAZqwoBdCQmqiybP
fP4+uTRRlYRXklUOULDY/1mrpAggGIHwEhRSu5BddEE6vfxw2kaIINZIAyth98pEyyQX9cOfb79
6A3Sz5wpm0DXVywCpKXAVyXoLpowhqDgVWWoQBP+0nRxBwHhMoy+3siq8/p5W/nxQwLwYlRElQX
TejTWMu8/Hy9ZhoUyGr/mnUfidiQinyNPUhemsj+BrQ6BPP1Ca4LMHjpTXTSRK0Femlw5pr9IELSf
XlrIceRoIn490VCXonhAohVgddFeR0HP+Maj+5KvJnlQeWme5NJEmjMXRLomwpmTxDvicNclqC6a
sHrkFxrQgCbCn3SjiFAZCpEzscUz0LhUEXhtKOLprl/ggFeET2L+n/JTrsBODfEWLOEH2sARMo
17mQGBTIPeHzYiPb/p4PEmUozCnmHzuBmEmThOicUuL+dsiKlx4dBdmDe1vXRvdVBdNDHEKkFis
6DuGkMtGJlxf55GuvN1gah2laF/cWUpX7v2y6Wi2wPFSBL1cUW8/qYso9U9N8Hv1Oceaj5hcNYp

iz3CG5hm4aF/cr6el9aolLproEiDYK16E06BIZ85Mft5hcmIcETkBUiLYEDpSk8JZanaqio19IK4
xv51ID+Rqey2az+CiSWfYydpQLTDWcwwPggP6ZnmR/hTPKPo8WxwvRawfkf8axJQ/0QZspu13/wW
HNrhdhcx/4c+fi2SYAE9YlKEVijGfKfRivJNUWSQvLOqzf1cmY8uon8YwTwSSwwkZ8wTAP74c90Qg
yOwDZf6lqyLlO5iwmKH/LFMpTEWciZ4w5Vy7PPce0u8Clu2bTC6jULVMaa0p/Lmw+scy9UA1cizn
tZabp+hk/ajslS2dI+meEgQG/f8Nagu/siw5fexTGScTx+EpbVfTCQw6B/LVE08LEvvY5oiALsP/E319cjV4weyOAK5/SwluHHVbArTPlL31wQFWP+AUf/itC
iOqdSMGasFALsA2ZfgetS71QdTQgeXZSE3n5NDsICgtfFLYfIsqFgTXioGbnmgcF1CaqFJqqPr7lp
qkd4fGj/gb0Uztk27fk8BWVvClzDkyU4ChutAy3OxAKqFJnqpcPrVXnqTs/flepCvHcFb+7Wzupze
XArWmldhBOVEKouLvgDVQhMqUjY5bMUM+7RamlpQsAThYgJq5DvLW/QyP5GSFihf6iteBjGIHPgcB2B
k+0esVQRTdTfYwJvNlJTGtE8JD8bJ6kmVAR3yt0jKcAj1Eg7pGwLbdclqCKadHqwo/zqqiUN5jB
hNt2baNkmogMWfshid53QA+I5Q1048jQVEs8eRYWrktgVVDgejPjwU5yaxlXL7zKLi0leprbDxi6
AGDttEQqqLbWXXYJqqgl5Drb+TEBJNiREKKVHVMeY/Wpyf7vAVfBgfc2CagoJC1IGKspoOCMwepqg
xB5h7W+7r11f1x7paG1DG267KDBQmqqSYsCFRsVGU3iSKNtepaDvAtZmgamlwsJ1CaqpJizl
OZVTKIMWRsHQczqY90FEMpaLpAyDwJcl6CaasKC/IJ9L4QiQmsOo8+1CyDl6v0awpM2CHBdgmqg
CQsKAMrflYxU70lK93puGyYv7XGaktWC6yGmfmb9Vz95IU3RJSiXV5iPvMlS/YnMX55QPpINB7he
0uB6SYPrJQ2ueyTV2bAXQNiB8Xia/mvfPIK/Ip54eas1WMWnCN64qq968jtp2aTk65PBAH0GeQk
Vn6rH49hr3C1e2d4b29r4ZcV6g3adQOHKdy1W8e6nSoA7+MPfV2NOzasOu4mBMFZ6QYUff
fHR1P8NXk9VSIQnKLumM8yuoPP3O0yteUC9G9/6711A33WUCM5XbL4D2y982AStfXgntl33swM8V
+3D2539yf2j/jzvVKSxloP3X3NtU80TKJ5X2w8cPnYYajplxRRUoSVnpr4LDtf+nHAP+OL7L37/
o340wefFiP2w+85LXUwF2GteZz/3I3VawH7zDOOHoP1L1ixBd9n4sjGDY05IHcPt8POH9Bfjped
vcvEazcsPcx+cjZW9FXPXoff1nBQybgEO0XMIdd2ftKP9rvHPnmb8Co3b523XTP+gommg8nx4TF
1JJu47uhwyHntz2/fKLv/TkulzS4XtLgekmd6yYOHTsEv/jRAU7nFZMqwlEEHLm5qmlEcm0HtG35
BfnjFo4Dh/hcFE3lws+UhcEJGAo88rFqU3f3s0EgHHHRgcx9UrHk0Qoi3/7ibdl/xjvkwNdn0TZL
7Du4D37F57PiG9lyieXg9/p70eVMChGus1QqrXV1RppNdABx2FsvwDa2WWW+sJzqdhSoddGi/YL
LU2ndJlu235e30Ruv/j08vE3Hof2j5ihf/kK787T3VAB016YFK5BLVVwKzHZtVqV6tUHH3/B+2/
c4nh1e46Ph227d+tB/Bzz7kzbzf/PSLbP9XW78Sngi0H35zcnOw/W1vbvw+0H74harjd8vU6vD
r/fjtjxw/cRy3vziGs+3P2LxjM/yOXTBWbP96Hwmyar+3f4mA6yUNrruUNLjuGLqTVZKE9cBZAtd
ShpedwabbhrOkc9pEezvM2zJpP9MEUjUqLlURMU4cSPGMlkdwMcB1Z9hNOiO7C5hPyRoL6EoQdJlJR
9BGQ4lmbU5o6jyJZiYfEj3+cl1YUETMerjvD+whA2fXLPaKkGYO8A51ZBRBMSX1yMnqy/UgX7
oYS+cEeAb5yMAJR/jhzUtxNoh47zwjuAsjAKfWUO+z1G81SJgn2JiO8FdwT4xvkiQHn9m8/VrRWv
3bnJMLxAG6QVKbBQ+AgdHmx8Fm+AfwdT4xm4EflvzJ3JZSVBacon5BDOi0A6R1KZhT9KNCCPhuj
AKNgKs6kmlRysMEdABxGwG4SR72BRmFrprZUd67aE0RlFHAIR6zv71lYTeMwHB5AY8SeSHWTh
8c8OuO6MpjejbjwQljoRJO6tfVpKbevXirHtNiG4VGGH0EEBHBSzTzwxTx0Ye3ESCy7dRY/9xx
pkNDipBCjLDCH47w7sNOGPGlqIAK6HI9A8o4gRUHDaMDODEJfCEGGTFESgV1X6etV2BHQ3feHq
HcXZXPLpSKrjuj6Zj+1CTbUNjYsyutL8B7oWf8+h1bKdkg7276So7JoEhGwRFw8PhR0o0iJ5ep
PLA1xTDKzn1/spiA7QjluILF9lHOMVTb2L74UZxw3Sfa3ER266xQU62gGFbCYgo2CgwAjbv+pkU
o5Tuw1c8k7ntsQUUzyj/HjvCYtqOAJ9rHTGkW1WqKtxhBded4eMoYMonP35H8ayERQYQoJl9B/75
Ylu+vIssjW7txZKb+euQusi7WR77+E05WtBGABKsxZ9CBNCzrDEeArABAopqJcvffcl7znMPPkui
YMuMfX8XSQBACxSVM8Krstg74UzkwS2NiDdsNSaHWMfX0wJrKt/orssxGuma5OXNd102gSRAJAKn
QJURKSBpNX8Sllh8EQCY+jBc4DoiVx1HQGot9agG8JwaTedeS71iFD2HFlvVaBk5eYbvoZn8ddBg
sasNbkuuQEUumrxMUuov6ThCafit8Y0o1SqBEAiM4JK7gOsHrjCPBMnIXYHgVSiqnXwfkLcJ29d04a
INkR1L+507n8lD0UH9l0x2jCLo4BimAQGAbLMuIGRALhuCR+4zmoM+DUCWA7yybDlZEoeKL2VeAmV
clDLEiPP8vO6VjXVGyW8qjxNTYEmpNjlr3/8GoQRAARlcosgorvEVHkCEWsaS8pvCPJDBJwlqETZl
w4AlUykj1liuW4miT9EqzOg4/+UZPU9XB+0rXfpqN6U1wNRkxRyBHS3+Haq+KF/lou2YRDz1Ahk
BAGw/vMAThLU30z3/tJt+gdHlMzjAPXwScXpQ/TMP7aRlkyhHe1HvGgVxx4X6QAVS97fPixmu
m5E7zjsYv7PxmQ5kYtTVk1Siba2CBS2kNcE6XsZDLCHiNocheQYnWe5es0qPhiPA+brHjO4x1vcT
sWFLC/2LT803wo7Gxcw5OXnLU2U3vxkA9cgotK4G/nCbtN6n6ju9OnT+fin59z58LxWUVEkfJycN
eATYUoUZZUoLlY5rwr9BmBsk5dBeGuA70vaidxzkhSBfgKepHY7fIgj8CWITVWV1dc6CTvWNMB
IR0BQpr2aarELX04x5sJ4ggQUm+E/mw6Olj+Ly4MCqucPUUZAlB6zJvISnel3Qgo06ffrn2mjlx
Kpti+BjWUGER56rFgu5q34DXZb556XlZCu4Ljcl8c4p43yJzmHxnWA3Alg0LlAckY+fy+LGSdh
8NC16wxWYw+2i0Cseu51klUvUEY2wJ7p/AjAKA0JmHRAiGzid7PxQjXzcBjuOmUVV5vXRY9vTK
jQ+6NtNteaDsrOSzbZ4DjbsNS51JYRFs0Wrye6/d1Myo/DlTLamYmqc4oHrXki/VNxtbUBciMZ
xm+7DFi9OuzliblZK9FEFp+T2VSeqlEWHtNmXpVUMeMeSrLwJP6SzlHAtJjhuhekBjgdAAZApRJN
COiTNZsfzq3Q4fcZQK4fXqQjZqRkwEdbryTAEdCNbNKUNasogUm+uVHNspfsEvDAdA579MA
3yPgplp8AzunDz8uUO5WUq2VOlWYJc5HQFSvxIVvPguXAXTDl7Dk/tE5PA7/Aq47w/Y8AFp4Zzm+
RQMjxlCi3TspKHJMGzCKRLQopf2KdrxEZfGdpX19SH769GIKIMmHW77Rt2UAmCpZ/HDdGd5GQp8r
5QIRAYn6kfvIAxVjbcvup1F9jCUpel1woLSH+zAR4BMQoWk16ZiquXvGdg5gCwT8bDL4LozfF8L
NFcaZWotqhdMDld2Vv7Rc7KcfmF9RksxK5JheRkCDu6JZ0Xzby7ATlMCQKkHzeCN0ZTkaATm+lsxxz
Oz6YzjodSVyAWoqeUlkqZKZVXsnO83b/DON7PA1g1EL7tBTau5c0ZAMb6hxFed4Z/lyBkUKl+imer
cDMg4JtflDanc8LtvM8M150RJIiMAQn2+NpXtWOTkbNvL8M0PTPj/EehhSlcd0b4jAAB1cCBsIRV
R1Z126GDWJM1dX+e95SieF150RHMA2bRJE1XFYlgSjLJVJNv2MuWmey5x5VRsG/sk4wp8JCB
6842xEGilyOtLygB2ExzdQZZXQeuStggACreWSHFVLqoX1EabkfaAaHh+fkY110KD2zvthepGZep
7ziLVfJfAOKS+YQrXUoaXHepaXDdpdTbdcdc3e9qMXeoPCePWlvmzhNzhKdgzlpwEIIOvPUP8dM
9Te/gYQ1QY1GnxJz2bFKG9mVl6tq1/a/BoOyCBHQA761/T7jFagqC3rPVUmpnkliPiCRMZHD
ZwxH9559e+AX1zeqmVaz/S3t0V9mxH0jjp88ju46HerUalfir4VcfRpUmpxjYvkH9XfTmotJxng8h
mivPf/A8/FZOqVw/U33mhDz6+qPwW+Bzfml337vhF3q1WqtqYIUeUv3p0KzTmahu0rLKvLKSUjT
Pk31Z2Pa39y+Zpu4ODL67C47pArWA6bl+jUlYMtAjlG5lq5BlyA1W+trHtd4lcjoDqBZXI
WNWRMoZ82Ayv2X9V1u+6j6+O/rGCMb1RbIHjx9Gx4trX4RfHAHgwCbbjQA2pqE5w6YPsxsB0MXD
R6lo0as4MkS7cMkQ4O4Vd8Ov5QjYf3g/8lr1/wG6YjALj/fRoBkNWqV1ah58OvPhx5z8vBlWx
2fityMpas1OEluH6f7174mfprZuP+OahuexwBAGxRMDnohtJxVRkEchy2nxgBwGxdlXoAraHGPOWO
E9kn0NG0b9P3N7yPbjEyxHlhwgZs+WUL/Mq92u6mdgtuNlpl65Gto2KiLEcAAPnjMiUVkiocPhoQ
PUM1AlzoErjuULtugktJl+vuOuO2

0FNvP5U6PPXc1uryKQhWRhQ6f/V82MDgWL9l/Zufvwn9D/YArnWLYgS4nD1w3aWkwXWXkgbXXUoa
 XHcGvW9VwoR1wlkC111KGlx3KWlw/b9F4jIKIj1LdQkQrjuDDoya5OblittVQYRYn4n22rUWR7y1
 LaU6arX+0LEsutnnYghXnUfDaxlWzRGptSynnalCJaTPlIoie7KKil6gSCYRCzXaAYxiu4zyfx2u
 O4N6xUr8swfdovUnAYSyM4MfmDFCsgnLo2CGKZBJcgtQhIMYO7ggwQL1li.yw+pl/0l+vazgTlyiRqK
 meD3OojmQzFshF5gBIYxR0BBqhXvEokzsZsRmw2r1AuJrE4CgDNldc+tv3qFuXtdfrDG+9QAqO4
 I8AA9YovKdNXWgAwSxuOF1dO9/EKZWEsQoPIBy4HHFfEJ0vqCYhvFHQEGqFccSLI+KWKjUnKheoXS
 m0TNlaksRfNMYfiC2hco2Ks88uojVAevUGyjuCPAAPWKMMyndJ4k2GCZHty8osU4Dn7Wh+rgFYpq
 FHEEGKBecSzY1t3nlclopUnUHQNALrHjPg5gsLcSOZY/iajGYpqFHcEGKBecSzqtzWwtTB5u/r6
 9rOHUpqEMoHDv9eYL619KSc3hXsJUA72UDyjuCPAAPWKp5K1T6euWo05SFVaDkpmEnUGF8xEm8ol
 ZcpICjAKRCgbX5YUo3S4tQPIYAPFM4o7AgxQr5jEy5YD+e6n7ygH0/Y2Q2lMooaKmrSpR75GyTqV
 rUbr2ox0k+g5YHgWLKNIRNFHgAHqFZN46UGUFte3UJcY06J5hxKYhCikq+9PXtHrCv1I3pm+yRht
 5KrZ5GUU86u68nT4FMko7ggwQL1iEuzByF6JpFuJ6GjvUGyT6HFsqf+bSnieMmHNSq5mncvkggww
 QL1iEtGJ3heKdFtG8QFFNIiJUSK5MXka55Kbulg7w899/UIBRLCLY9yShGEZRR4Dltnu09RIRLc9T
 F8yACN2ieVdYwnVaNU+YRG2858nNzbNuJl8r0XvTBopnEHhE2+5UX8oEoQCTiOao+Lq4MlwAmbQL
 INjSSkF7g/li2KZYUVXHCg9YpJ1KZ2aiyieZmx/+G1r+m9YwXFMwmGluptfaAZ9egCkYpG6Mks
 CjaKqKecFVJ+CjW17AuzAu+AiZ3EdFG5w3RnUKybr43ge3BXyr+ldVr5hblIimQRDc/PzSDeKSC5T
 oXRcJZKvYvZJfHoYKYP4PQI8Dyx0H9E5YQXXnRBbmnrfJKo9hJYb3/igMCuRozEohkm8hP627y+R
 nEExTMkIIRRMfL9HQDvPHB/RnlWVRQeGFVx3gp8des34QRRsJSyggJNAke/7vmNFKPIyRlXjulH
 kYyyU7U+L7UphRvF7BACix+DcKGwnGee6T7S2Ua+YRG+8kd/3254QHD5xjEVGKNkg3o08QJFMwqIB
 FGCUQo0AlIjrlwcXmshvZfOG/WKSUQEMxTDSgY/MJ1FBijMKJt3/bxjr/UCgOde147lwHj+YW8p
 qlG++GkLi0kBRglkBIgX2sIzruDesUkvAuMUCQrqTa4rZPIdv4gelo7KKpJnEQLZAQAYhHwSIXr
 zqBeMQLvv5Fzr2P8awksleCHJl8JcnLz1/+3kukGCX2zqFyWju02VwWtnv+YTKa+RolwBEAmHov
 vOC6jOVdDg3qFZOwaGZe/fpTimolckzyksT7KqROxO4uAoj3okECHwFt/7tzi7OWSFCvmlRFs4Si
 Wok6jY9NuM5p0Y/tpCUvAWyzS/IJ8Uotz/5gF3RK1GPAIB1bfjdBdYFYCj5a1CvmERvs1coto1Y
 xqnQvyW5CiGQ7QU3dCbFJFiuuWiUQo2AtAtYB4YRXEFk9/lZkAb1iknU0PT/6WntoQQ2Yo7Qdvqt
 5ApU6o7o4r3oJmOv9RKhUCMAMHZgGMF1oPUFFIWHCxuVWIR6xSR6JnIOVsDFG6VxIBff2I1cgcr3
 v/8sirZ76eXkaxKMOPqRPv72Y5FDIFgtsh8WcB1gVbfypF4xiZ5JcyUiQX/ibkncxKGUzJfUuSGD
 XAHJIDWrWNEUYJIGt/ayC1UnzTNm4jftSLI9hBNejo3i90d/oSb1iEiWlhkqyZ7bPzt6+DATGPL6I
 UtpL/MRih+faP17L7FeeZCUifx06QDFMcusj88lIINHrZ7NMAgG7JazgOqsxYOVPvWISQzSRp/1V
 JXDqjmiZEEZgDOLALPooXQ3vYthzn+OKoPawG/IQWIDl81Y+s4LYx9fBGrCxOspa5NclHGRSbs4
 YbjcmEFJOZfXMGAgoyf1iklYNKXjZXRmsKIYqleUkBYv/PdbNIVcVmLIR78FG6FegstBCARJkmWh
 vckOV6EFNkvTCWHJ4AcqGTYFFZXQBY6jP7UKyZROI3OYqqI/GNK8SAP5w1NppyMAkHkMkendEZly
 DuqDaSzlamk/A38YGYZvWolZbY0h3m5QmoVyKyRh+J6l7mJ1Iz9mZvDtSr1iEqVNXRaTgJEhcuV
 mId6oFw88vDa1w5IHSPFJHPcUE/uPJufaH+fo4MezrXI44yciA9J/RUK4gSA00a4jyMoH8ta/Dq
 tqii++Mv89egjGJ4xsuMzH6DM88yEP6zDGU15kzEfa3gVvcNVyNL7+QCebKmJUEBli7FHH6e+It
 b3B6l4mSiJy90/YiNXKHhuoej4Cnp1DdVoUJ9E9uAIIJoFVN7q9BHWMS66xk5G0GZwks1EO3OXc8
 u+4DL2+YqldHXkaq7/ra/YWPTC8GwVYs9NcWswMqahJP/MKCx0GpAsWP+tf6k0+EI0ARN8PPG9Q
 2VC6Tws4S//q5x+oAE1uWjDekxzM/oUsCQejwXGB+QPNi95e9zZlaiOemJ7iHClf9QRsuiQWWlxw
 nWEZAizoHkNjml8dHfVXipXmpjzUDuhEkep868lSMeeI9FWQDGIqo2zds7PywDQ9GuYgVH+xPPWB
 Ky/MtnjR/KwovWlJ6vnm8317AHJmnd2JpGn/ub4l49xKwv7a0AE2OeNZICTRWZG6e6AT9mWchEftM
 8UL/WOV8QXtKkASuyBc9s0hpa3MdgYgaw6BhQtZQ7kYZvHQ6uWwETj527dU+Elisp3S5Sj23BbBo
 UxGFBbMtXjxwH8djvBvVwSEvdoQWu2UzF6dXNullH2UOZGsXnCGDSZ2IfvXREYVf5FyM6C5WOa9Q
 94RGrp1JXUUVoFDeLPooXU6+1SyM4q/IwCl3+T+zm2PH8itKy7oX3Qkr5xXqGNCJmLRJ8J8re8A
 yssogY0AkFN5uSz/ICC3sbjQXaxyXqFceCaWoE89AreRpI/2EMjJKwCMARH6JLTik0AJyxYnuMt36
 9QJ1SYilkD1OuRilMCMaZ2Oe+P1kphUX0f3Ghu+Bai1XOHuqPlhFWtHMOVfGBOz6Z68lFMOX6JPj
 BQu46BBBbqjRXKd7A/5mJLSEsrKFN+OGx68n/rVXvKMc4l4h9IbBUYAi2bJ0RPWXXaAqMsemulH
 jmdhw2JdD7GaeYU6wyQBZAXUHZFJ6W2EJqPzE0psFicjAFj6ju08pSxm4ljOL0boX3SEYTB2j+F1
 NU19YRJkbnP1/T17D9g+uQYzya/bWHyUEqjOB8BAKUxSYsp1JMQBC9XbxbXcb++pt6wiTqnSVM
 aOrihAmrllJUGVJk2QwW3zuUzCh+jYBmNt+9f7jIGxYZEEQ/Fy9cZ7BKe6C6Mln+oaQpiUOa3z6Y
 8rKS6r4+eJahNEKZ08D3Apml4fh+R32opXrjOaFHF8mE2dYnJ9DiswV4wLUPQ052Ij2V8OT2
 UAKjOB0BnspQMppw+P4itbeY4bozqBtMooYmlPd2+zbD6sE5Iyaq17zJlKNJnJ4VJlaiBEZxNAI6
 NMKanDfuYXJl8eP8CT+Ire3eOG6HbDlwB547hpRT5hEbyGjazPbSTRs7vi+tkrytQkV/fisZJEt
 sBmmjkaAp2H//mkE9Nc1jH7Jk/iLaH6xw3U7jA2gnjAJi0ZA8gRFGagoU0lkejte5OVbf+cLkjFz
 HlvMCXgESE2mNCa5ckx/Q5IAEKUUO1y3w2jYqSdMIsdRMq5UE95h2uqWDNGnqFHxGAzK10pK9fbc
 m40C6dDHPq3TEZDZIBJYCU/iL1BPLCUc4LoXRP86HAEjTZvZJwM8k3B6C02MjqSsrUSOaYyGeXJ
 COg82vYLc5A3BDMNc1rXYxw3QvS9x7UGSYREfimd7EMkrmVXK5GbfZjZ66NghOSuADlhnFcgRk
 zp7w3W87HD4aqH19J5bcP0z1LGA47p3MJupbOm0vos4widbIOL5RA8BY7q69u6gAkyx/YTmLLKAY
 RqERMKm0XtY9ijK8ntKbboN+//svFNVKcgr5loD4pjZ84L0zqD9MEpzNjzgrEeSCdrYzdfCWUxAE
 dfmVYyStQBQaK19/oiSGMWWvOf0lra7/Aq47g/rDJGXuqgidGXsUNEOJUbFRVlaVyDEFFGYUMQLU
 lti2F0yxzsGwOQOgeJ8C28F1Z1CXmATaWxVGVbEVA0YZyKEWg23niAahUUGKMAo8ggAyk0vxze/
 old6QSGOcrQVYA8byG5JwgOvOwE4xi3p7p7lSaWol0cUBoAzmxQk279hMJVkJi0y+RmEjAKhwB3m+
 7QVwKdsz/oyVM/UNGTDDGuoURXHcGdadJ9Di3KZkrO8sd7YQ2y9KUOL0US6gKzL+4rjPmOYRAF58
 tyL9JjsWwZaeJ4BIFx3BnWnSQzRYpVKM5wag4yVGRF3OP24mgqzkh92/uA9Go6AziszWAVq31+L
 b3jBWOSqP1AfBoVhnDdGdSdJmHRVIVZbJy9cKrWI8L6s2uq4wwpflKnPxTeVby/lfvYzTsjYj
 oO7d/2PVAOrOvpBve0EvH6/M+MBY//CC686g7jQJi8Zpq6ineKMU5WbtMUGMKYJjBt3jbc2CE9kn
 IA4pRsERALDNjZSa25Bve4G8Rf0i/VK55mEH151B3WkSf2krN+ynkr1R8QlaLe8Ldv8CJgrvu2R
 wY5myu5Yqh12cN0Z1J0mYdFCzcGjB6lgrxJ4+nBKHqewbS+IXtScb36EbV2fhMnXwd7hujOoO03C
 ohUBx+wnGrKUwXcPFmmvvpDKtu0FSUs+eYH/PY+Vp3ZRKpqmMJ1Z1B3moRFKXoOHZtMxTsQeQQA
 GQ92Yte0PKBFd4CkrVUBDn7B8xAeN4KFHDdGdSdJmHRIozsnGyqgS9hIwBgG16m/Yp2hhEwwZOK
 bWafpNYsXYUdXHCgdadWLSiZOHTjIYfMI8AgG14mfQVHFQR4HleQeVl+kXYrjPBdWdQd5qERSti
 KqdYr0Qsi+UIABLnrBtL0h/0DMI7paSeJaQ9wORNqzgujOo003CohULN2z8hGpjJXYjQCVJyTtd
 KxTWEBQl005RU4eJmDdGdSdJmHRipFNOzZRNyZibQR46Pyg9TjQjwIC2KgwDhB5S5v5L60vcBYR
 ERORf138zEdnbtY+Eem4LYPFsSVGqdShUuMJjVvOSQeaj21etUNVHofBtrpATGwZhnDdpZC0vVj9
 dK51HXXD6tmfmQhpiLl77juUilguktJg+suJQ2uu5Q0uO5S0uC6S0mD6w6IHRQL5BfkW2+za5vV
 SKvRstEDebptlzb4e2v32DadF31IXUiopUHvyE3MP8Tcjzw/AOvffJaw64N56+eL97x2vnHTkj+
 0tqXbp51M6iY27RV0+C3XEK5Ne+twWjARRKXndPiHKEiE19SWtxG7ojoiMnLJmMOoO49sBecve/o
 fTTrKKilYkv1uqMXxyVewqCGnVtOGHDegDFJwUEO68/Dx10THNHRkdmTQ0SQQBFZKvWhmq0oxc
 mazsrMu6X5Y6JlYJxtDIXN0ADv27DfBl0adLilA5Ql2aL/mTnNKiRVQDd0bK129EipfEJ5dXZF
 T/LcvFzhloE400FX9buK5uNsrrj9ztPY8OgBpkXZEK47Rv2AUmPYjQDh14ARkDhKmfymqTcCqqVW
 6zK2C/oaV/e/umnfpUd44Vd651M0Bhh8D93R8zkCrL+hLF5HbhgBfe7UJ4hW56/GOPdeHxkTKUaA
 vUE3/30Xf3M+uUS6QkvBkqfv8J3V5GAGx+2R/fXUcATXb1ksf+U/Nh1/o1SPHj6CPPAIOHT2U
 cfC0Clliq5QgQwwjZvJvAjIQPS3gumMCHgE12itlOqsqjoCdf+4UEZB1m9bBL44A2Dxrv1krgthyO

gPib1d9qbZrYsSarDbTk56tNECNg7lKx6C+DpYutgr2M0x7bjYCLMy4+t7Vh9YjDxw/Dr5cRMHDK
wOqt1U8KsVd/26v2njwCnnzzSfjdvGMzquYRENE84q4Vd8k+L330EvYg4wgAx6SX1F8cAfhWp8wv
e36B30PHDj33/nNvf/G2HORwBczfQI7JL6u/5hGw+q3VYo/BEQBBHlpTrU0QcpNUNrncEqy96r+6
Hn0wVem40qPmjrlbAXGd4IAX2X/Pvj3wazkCnv/w+X+P/Fs5mRZHW149v+35LYe3FCNg1JxRGPr
H7+iwzwCoEoZow03vBc+wRB+w3QEAAGCicQT0uL0H66/u47vDL9qA/3X/H5wfiCAnl6BUnNjQnHJx
D5U7nlD97GzAn/v/hf9hAw44U/dUGdJeMYNikKHTqIPBt33yH2IY0tbgAobsmaJbl/fsoif9CC
pyDCBvx79F/0F7366ievihGQk5uDuUi5IQWO6OBjeRQqghrB4sJ3BJSOV5Z8Qe6sk1kwhMFRPqk8
tBY9xXmA3FonI+COFgBIEQLH9oOwIG3DUAAEooR0PvO3oufXYxBcOwHu3m0jtRBXDbiXEAwD7N
RsBNj5J8TOLXSOo3X/vxta1Gdlm4N0DwVE+sfz2XdvBLZ8HgFmCX9GrwMITJ2EEQDW6jesmPDGC
5QiAyoj6g/me81lwhHAEBJdKyZWgu6u29PXwLfSAeR82fRjzdel7SdwHwSGCBw4wJodJQSWX2bf
0m28PmJ8w3WXkgbXXUoaXHcpaXDdpaTBdZeSBtdShped0bcTYTWTJ1yMxHZ0Zps8gI2t7Udu6T
c+t1oo8l4N2wJQBAN75tyTjxThvvaau4W7RusakTHqXXHMIIn6ZBEkkOsTEa2c01J1yJn0n9wf
fjEH5LLulwGq+64Bllrvib2hIXl0ulP LH5UuIlzV9ypoF96cQXpO6Cnc8sMwoGY67yurBcWkiqBG
REImfwn31CFTQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9eNjYCDRw29+dPvPw2cMhAQz0BxBECqF9e+aDkCYHcpFav2
CylJeP1nwqd8jAA7qrUa0Qh8v+C3P/nzjtc+fQ1+cQTUbFszc0ym5QgA49R4APnNkCA9TtBgM++
+wy7Bfc0HAHntz1/xqMqZCOTX6bDLR1EZKSojwL48FuAlb1t3m3y05pPnn4Cv/IlgOPfxu0b0Y18
8+M36lDBBNKmtunPbK1cNdIq8fCkeunXz/nyTnQS+Du07Gv8O9xew/htobrzCP3YDa7Wt/vulz
dGeMzpj+0HR0nxz1Eh0VkiqgG7oV76wBG37YcElNaR1hjcfTB8s3tvLz80fcNwLd8YPj8dZh1kl6
6AlFrXp5FbqRB79Rj5N7LxSoPeqkN+pHYqR78v+/JHL6Nj1NxsRA3A8f5X75fWVigWdYALdxgfg
6P76x6/RkV+Q35CA7US9y5nPzEbHUjKGHU4guOWx5SoWNWBNwSRqNioqaumCpXdvEK2/LKlxbAW
6E4cmoj3lyYvm1w+QZ17Fwbc8ucNkyrKqzX++Y9639MbXHeGPALy8vTbZMDve3+HX3ZPsHGPxnU6
1JFHACDIX0Og6yunVK6eStMunsw+ufAZ9eY2YB4BwOufvC7cAlYAet3UW7PqDmAEwHANG6xO+ONl
Blj6lFvVUOdngqOTTs2/fjbj+hpNwKUaKqSPAKu7H1lztZ0WxAwjwCoQ6XkSqKvXAgAg4p3rvYf
2o9BgqFYAbc8mSboXS9V3WzhzeX97wctmJOHt3cFUX8YCIbAWKvQqBhzQeoi8uL0QMjAH4xK8sR
0KRPKyotqgwVXz6Y8a766+8lGF7Gx6mAlxFw8MhBVAV/HfgLfmEEwC/eb7YcAWUS9OdVU11Zj80C
UF23ed0Tbz6BbjJK5+8akH3P3Y/+uTkqM1PG5lWKq4UOMQIwNv+FVtUHL0LHDJgpb7d9i0i7rLb
wnVnyDbgu+3fCTfQFEX3OGDL/Y50G9e

XcsrpXonTX/hkVO5uVSzM2qdDGmfNPkGUhzLCbhOfTm2tpniDoavE1MFPC8Slp2tnph2utxsDqJi
ok7IbJlDs6U8/dl71ndnigwo3XxwAtprS7nDeas7uagluuu2tNODZFGaAMDrxYVTLG1BQgXfpzxW
RPV0hN/bn1z6xU9bvcJ0u+BdsrJPluoZpyRX5dUA4CwgvRAPOOwSPisU2dKpsZh777w25+U6rr+d
vLdJfSFSpXhNgBnYvt2a6w1H3leFDK77SygmimXffsJ5MotQGCynIIHjQ1AMjR1wTm45Bz4cmf08
H7EmWV11UKdDQx7Bj0xXNeh6aQBfT+QXFHy5YyvPTTYBTp4lBRH5sRRsTZ+XpXL8Eg7X/SVEe0XL
80C0007gkv3WPXemCiCiAiylYDdQF1Cg5WirdLn4NaJf3RsbcGdCvUsgj1X+prKZf2W9Xc8sffi
G7tVHpjG0hooRhPgl+0b6F42egu2H6mp0fBpcbQDuOfXOKIJRPHLxpPPHAXDw0iTy5Y5YebJqM6
ls/03fcP6GmiAdi9zc8nmwBUZOMM14HygiV83mDQGw3Kf32tJ0DTo2J0v6heiXo0X1z3wPTOkwZ1
HtM5dLbSbjQavCEJfDXralOVVP5DjGAQVS3hcD31fN5TwcPfewHFKD/9/IOXsV3U5dSPUSdAcP0eA
yKw/gTSN8yA7Z+8hP6YJHr0elk/Jy/zKXv27Rkzf0ydTPvlgMLfBFieoJV AuA6wngoe/yETIMvG
7RstKzK2qIdp04w3M2zVjp8tyogit0EmGX0vNGlYqVb7uFvAmLdyQU0uA7Xw6yngsd/1AQleeXr
T5XUeuoKPN4L6U7vhsXKGFoAoR8/cuPrLZhivvuAMJ11wT4kqyTWVf0uoL3G1z8d7ws+Df5bAhn
E4Csk5cXe+dQVU2wg23EkgnXAbgAdn7l6w9nhwkQkjFzLgtgkRH+JgAl69TJC4Z3ZpUPI7rHuHcE
TDri15v5jnnLTAduK0XTWdOLgP+KCUCZ89pqVv/wonu09QvaJQSu14XmQ2YmnlbXHJTdz/lvETn
ho48NCAa3dJr6PIZD77/SkfQZw3qcN8Y1tiQ4q8JYMkdEtEzodKAInVuyOh439jfCzeb4pc7trDM
www7t61LALwH4k0TdQSDrVu+oRHHTAy1alOX5RZEmk0YvH7HVio1UDlxKruWg8X5gkLRmABLSvVJ
emTt65S1P3LXsyTZvSUPDCrxXVOJheua6KAeseoXlx0aqC+cbuMtXb9NqFxpVZJpjXkQwOMVL/W/2Cy/+hh/IlgpBSjCRBs3vUzFeBYfK5cWHS4kwgl
qz54leUWXMLBBABPf/4eleFMbn9yKcuheOjWzDCuSjhcd07HS3nP+sJvEwCpuhq3lvnDrxDTYcZo
qo3/cvHlbiy3YFH8JgA2RGyZK12rUBnOBE6veD7FQlyYfdFYvHDdL+S3iWFFtD7Tmb4dTLHwALVF
VFV7rOTq6gfB76B80LVf6Wx4EwMZSFFYwK6a9P4pV2ofn/eooosV+bgfldTnfYUnfv+LNM3medf
alrTBKQ3LlF7r93UzH0hOdWxMCWlSrvosL1wGhj9QWuicKagNRafis6R55HKKGi+tf+QiUV+csW
X3Qd1zWwVelufsh6bclA6Kzl3gN+rFYSTBPQI1buklhu11AZjoVnWMT4s7lLClwPORDvzvVVAxne
2k1f0kBWJnz7OadHnPlJuUeMjLxAag1OIJ9LQp+Y6LUCVTgpKZNxfMkPpe/8iTVzx85cSq70oDW
LKtA0HbCYjAB5uNnTOMoabdsGc5k064dPNsiBqw/a4UL1wtJurfYyQO5F+Acunx4kGhFaWHyBOCy
xf8bnFG9E/8+7MepulCnP3+PZeU3WhuL2gR0bmL4LCJRXejxnGtbUQGOpeucCTznlsZu2tuSDNcL
SStv3xqHygR0a64kn6P0V5Sxij11IKZEKqOrKwMv5zlbkn6ZklxNSarSZEAsVdQfyenLvFTW7jxP
h3S5BvuSSE2ATadK5Sr-7tE33+FcvdHqg5qzwMvYtj0Si4A1wuPOgmX9Xe1aCYA94RkRRJ2pmdwt2K
MsxqqiK4KJBbqvHm529Sdf2R1+R5xOEYy/7WWACXM12aqmZOeomlqM8CRGWaK898+hb166fc9thC
nm0Rk1PlbogLwFvGyYFWVQXBMQP+mf18NKKbeep/T0fdQVb/s+SQCVG58+ffrqfgGelxaZC3JL6V2
l8umrSrmnmfV/AVx9xh14hZTN7qocD2IsM1QeBMwoQLfP4uMeyKUUVB+fID38ysNUb39k+67tEYZz
i3ol1CbgnAGpdUd0WfTWGsqicPLtr9tY/kWHeve0xL8C7B2uBxHDAxh1M/j9UFBsyEll+D5ZXLQU
LbkGemp1qrqfMuCuASwr7wRmAmJmpbRZnsZbZAl0+NhQSn99zbLz+idOWjBj3+XJQXrMnSgyKWra
XsT6zcUCroesAEAXk3SYhbHhBXR86LlftD2hvnKl/xeygkx/6H9lZrszacsCMwEpC5N7blqE2i7
vE3Utci+23vnxspKLJXeqGujrb/6/qrq+99/oV2xWGjtLivsDK6HkkDOAnpF159aAQduOBC/JE7p
w9tlpmxC2QAOMcAvrX2JZWVJYag/Yp2elsyVnYq5a8hAKYoSgpVo8aQ9kdpZIEkxnyx/fv1Xgm0
KxYlPeLUL0qMneZiDddid8moJm2bUHL85QkpfKMyvLwLXqaL2qmDOEt8s7cJ+dSS/yRgoKC9FvT
VwAMa8NClQsRgFGCKKmRvL93AnjFDGgb+IPvvYxlnR13LfoUG+6TF3/heigp7AvCyUrK3Zetliax
QRxSOj/76dyZ1ZUexp045tzW5x7L0kbt8UdOZJ9gWckEZgJiZ7VkrROAlahyXxW+kzthecqTSP6i/
3fJGcjXWVY4+4HooKawJEHRVou6OSlyawMZxEElf0aHmzJrKCO21Qla6/0xYPIGa5Kf8vPvncgk
W9x0CMwGVbrmCNDnMtfuq8Z3cRPL6DthMeI++QsAroeSoJkAqbyi3Ky+yZO0JAmOY2w0+0Xmys5w
qVvdDvh3KEp7U0GEFJomyt+P6oT8tOsnfdFujcBMAJc+vCNRuCW17q/Fd3InDa3ackkB4s4FGgBe
DyXBNwEmsAhdFeUuJwPaVnnpZevMqhO3ODZ5aQvYvcXgbvVAS/C5dG6j8tPLI55WkmJqhDJcURKDK
c7T35d20dalt/suO33dEeoZ4wZC6A6d1MdIVPGsxtwHdyonwqrZdV9Bh728URXA8IIteB/xGWRlIK
LlRf8vLzLutxWeAmoGd81VuuYru6dxrP+x/fz71TxBeFqeez7nXxD66HEteEymBRndoZYIFNQI84
9VZ5x8vU335iS19404Vsf/FJ1Quv4ru6F8aXC9FSFAGChkaCJfA4HoocU0A02J5XUNHDIfrQyaD
7x7MygXK9yzPdnlnqK9fSL3dRgiA3PDdtrg0sm4nrpLYHA9lLgmwLJlyeWpwaERXsOgEqtoetDR
3UFG8tJkvsNbAkXElfankG07bhDpYJfZCUQuB5KXBPghfPbnn/g8AFqeVDF1gRoVO1bRb5d6hzf
nxsMkApqexHf64NOxuV6cS7O4XoocU2AE95d/y61P0ji3QQgl4y/hO3hDVh2ucFdxlLkyWZDR2pt
Q6EuPuF6KHfNgHP63NknNy+XOqlw4sQEIOV6lQvs9Qrte4NS3ATczfNXSahYFNNAu9OEOofrocQ1
Af4SER0xZv4Y6o5AxbkJKKVMjfuDODQAAxHpPy5gaUJQDKu4Dtt0GIRhRfqYgnXQ4lAgrDNf2v
2b5rO3WNP+K3CZAok1amyfQr2a7unYwHPZ8beDEBQFIvMGI67XqN8Lu+8L+oTroCQ1AUGk2/hu
r37yapbVt7pMcmMCGKXalWp4a8OEwQmwn7M930z1aT62IIQOjTSn+3LL0HDJX1gbxaU5DWCA4Pr
L15hRaY+c5E6yF64c4QEBtdXMIQdj7vnt4HEa67uLiUKLju4uSouC6i4LlYLRl4i4uQquu7i4
lCi4Hhptqat317bZvLVn79vqJUKVVIQ1bN1yYfqGcPm3et4LH74g1Nc+fY3l8N7690SoTES0Muoj
pd987o+MXq2kTeCDebs0XPj0wp93/3zmzJlDxw69tPalZtc2Y3GGTBsil778heWNe+pfR7x/Rdy
qOCbH7+50ONNIDZsZ1n1sq4gtqtav19Q9f0/0/WZrk+uUis8qZRK4f0TziE83fsrKvf/R+9Wg
6lh3v3xXek7bvG78ovG14/RptqNiot7/6v20G9OED3Ju63MnPBx4/aN0CEfpwu+++m76Q9NZ7OY
AeAJyUvFsqPa9RlqJ7Hhwh39JvZj/gDUUFvrkrq5XMX+ZcknKnS8o57YzeEZGR3Y2wU2+sITJ0+f
Pr311613r7j7nBbnyHEqJlVcv2X9BR0sph86eOX7n7wbnRfkH6B6BPglY9f6XF7DxEtULtBpeAf
O1Bd0J1RtWVVAqNq5qRYL2K94cYXIZPBQya+2flWnvR8PL6/odQUMMBYqE//d+8y7z4APi3Pvw/fK
rQA+3/R5uUuSV10Y4Hroubrf1kfF+WzZDBgruXm5sAfKnsgrm7yybdc2of72129znpgjVC+ACZiz
Vhm8RFnxtVKINu+d/4nSY6auznx0ZlZ2Vp0OfPNUbVX1yLEjj7/xuPCZtGzSD7/+IO8GI2eOhLQw
JoQPkp2TPfge/lrOmfvWwNqszluyS/PZ0PZTIVkZckXSruJyqLPeRBU6ejxo33u7MP8gciYyL0H
9g6fMVz23LV314df4Hu2Hv/OfRprzt6idBBdw86deqU2QKa6Xhbx30H9y1+dvFm7zGgqA/8/Lz
nnjiX3/7pMtDgB7MuzASUOTZE8GNHb5BqVWBqll4soc03EM7JeIIIDawvi5vBd9LFg5pfKp3FP1
M01rlJdXduz28ejrj6K7QZCQBQUFNdvqbxPBsLTB2XdiX1RrxK7btE5d981o+GDEwvYCWy17AjAY
vvz+s9JES9dwQ1+IZRWo5CWdL2H+lJz/wfPHTxw324vKyZWzTmaBzRU+T7/z9O9//y5Uv+F66Cli
E5A4SnVPflvpeq8hVDYBU1doeWPX8wHNwHsP4ueWYRuswmokJu2nqd6gkFJBQmAMxZ/V6q4+ZH
ldFPFYL8NClQsRgFGCKKmRvL93AnjFDGgb+IPvvYxlnR13LfoUG+6TF3/heigp7AvCyUrK3Zetliax
mnD9vdfLEWsu7q+OKZAT4A7YBAD/Hv533MJx6BZjFWLm5OU0yGwgomagPjr4qGZ0Jlhwjnm062jG
bRlyqHTMSoyfZb/9+RvzFMaP2+97fx8zfwyqZ5UJUF9ntRjmaBz9/y9RxA7yOI8DZBNAJA6X13t
wRNV2QMTAKeUDs+5AtyXDF7xu+88+dOhsnm1Ajx4+seX8N7Mxw6gi7ygsfvGA+BwbsTAC1ykq8m4Ap
ryo979fV+Z8qrcbpKqpAA4cPiJ6BgfK/7v+DIDQBcOINpQMff/sx7CHyQoayCSiXUA4uglKuTxGh
dlRlqgDFpY51RRW2KWxE+dxemABwQ/XeWvcWnAljkl8mIH5wPAwbyynVEDjr9uzb2bOuQmAOsBG
hd557v3nftj5wz8H/6nXUdTh8lFlt8y8Y/MTbz6BQWYtCf6b82D/F8mrp1aHosgHBocmoEx8mQNH
Dns6rRpZl1nw9IK//0b3WAC8vLyxEYH4NJAxpQN10NPsZwFIOvbKA+sV6JHqG7ZBGzasen1z15H
tyUfbvgQTSzQLZ8FIE0c+Nm3up5GMQI7l1Az1nqjD5ZZ27X1Me/Eap1YkiOD8LgNN7qJs8fTz
Alz12Y/PfGz42R2T8yG623csosH5A6bPuzfl//CRR8zAXBk/nnPz9DJcm+ASfpz/5+wS2Mc52cBYCgf
euUH5ikDV/sPv/owutOLA VvMJgAZtES5fY0y8SXdBMAOAHZ34TMLRRyZRC8ugk0rRob5QuC5D577
6oevzGuEB9EENOqrLFqnLE3k/k2HKEvXk9u5CUCgenAJW5mAmB3gtApK6agasmMR2bAFTLzBCAV
mFTsDbMlJAKAssBQTHSgle6x3EwA7/7lNqIFAtceEnrDHXtxZvavkGPMRaODYBWOZ0+7fvrus8+E

ioBpgLHXpE8TVM0XAk37Ns3KzqqWSh84WY5VUA8eOdh1XFfZBKx+a/Wbn78p4gieuepd758B93O
 TQBeWsKmnPnIToAPppjig/LSEiXRBMCOggEqw241IXYmALggUz1+yrDvc/0C46fOA6ZwwaGE0L4
 hfMrucSD/UGOZjYBwIKnFuzetxsGt+wJfQKQCsgVp94CuKQn90eGrVbmfaA6/DUBcOCCA9qMR2eA
 m5kABK7z4YgNk95DRw9Bh8A5f9bJLhNdhILrka3hGG53Wv7tdvVBCTgsTQBy++Lb7c4Cut6rPtY
 WbxOrW7V2/JQaAUkhIpBIQA46QB18bOL8TJNBiwCBME2xcpDQ/7454+o2CgRwWwCgCt6XQEb4tLu
 l4LbcqwicCUoTABcUUsFOKR1rNQibR8AZ+/iF48GNJuBzui56El/yPFI6nasCx0OSWAZqQPy6EEo
 cdfcXdVaGT7B/O+ZABeXlZCC6y4uLiUKrru4uJQouO7i4IKi4LQil0uJgusuLi4lCq67uLiUKLge
 SmZ9qKz81sDo1X9sODenn7Pxx5+nTp7Oys1795NUvrvv/izJkzp3JOXXfPdSKOYPyi8Tm5ORDhy1f
 QuT8gvyC0wXbftNfHwCiYqL2/ssX4c7Pz4ecKyZVIGPaUbVV1ayTWcdOHmP+QKvhraCqlh+EsVdZ
 xy0cR2V7BBIEzToq3qu1Jlrtn3kfgy8FsKDS8crCz5QGvUINGJJQUFBg+WYE9F6PCeqn0++9SSV
 bZJb5twCEUBNHUW6R46eOFqxdh5LXcZZOXLSJm4MuUTy2PPmwVajW/Cff3j1/c/pn6hKGjap+mx
 LPUB/1/7/4LttXe/ul0OHj4WffL5Ghvf/E2tKXPRItXG2Y/MXvj9o3MU5AyxjCugMXrDB9Tdri1
 A1ZslosyL4QS7tdChsahtAbn72BqznNXz0fg/BtC4wv5Ln3n8NQQaXkSsdPHD9+8jjzBxKHJlly
 j2Sfy04ZGMOind/2/N1/78azAV309rq3lSb4RMao7zu0Htn62lly5u//lpph/PnPN14+nfAN10MJ
 mlAWt3FP5Pufv1/7zVrz2x1A2sg0GFtirCQPS841vogugOT7D+1/4/M3UEUTMHTaUBEBKRv6buWP
 Xz58/DDeZnWmmqfOYz1nXtjV/nQYm4GT2YTy3tYH9oXpQdTnlB4JgellQQezA2L8v163dWT+RLT6
 8tJvQ1UrwDotABMg88rHr7z80cvME0zAjt075PedwCJDttf0vwZVYQJEBODc1ufCtmC7MSCbgGqt
 qmXnZn+x1PoTjKXPLT1w+IBQwQRs2rfpwVMLfv79Z/bylU8TMOMd9WUw4VM2UX2f6qLuplIJgF2r
 bEJZEUeQOzgWwIE2ziI8PLCclzPu3/uN6nfhMUTNu+gL68EYAJgQ8sbCLOrWi2+R4SgE9knJ0w
 SUQwc5abgJmPzvxlyz/2f12WFl+4bsWffHjCHEA2rY3tWURZHLycrqN6wYOOxOA7D2wd8maLcxT
 5p0v3nnq7afQDRbqnpX3iCAATQBYEygFTPWcJ/V3lh2aAKDjq17quly3GnyaCbi0n+ruNVuZ9qYS
 GUNBRWWMCoM/Bnop9PmATALsE7NliMyGHza89il9ZYwmABz1M+vn5eUJAwt4awKSRikLPiWiYkn1
 YglA2It+/eNxy+qknJgA6E84bqP7u+3fsW9GzCYgbnAcBJoKSRVQhdLFFAZ2nD0mYNYH6setyJRX
 lQu7p5bd271/pUODDlwk5VTKidsWxP28Bpphd2Gbv37Z74wERweDcB32z75t0v32WeAtgBoMeF
 Cme/UAH55E2YAFRvuv8msOu4UZ2bgKZ9m8LgEB/VGJBMAHBuO/UDP3rdVHeITADUGXZyAM5FV720
 ih2EAzMB0AmHjx1OHJlohzeff3Rvw78hW5hAhC4yntx7Yvo9mkC4ji/6HmV6LdBiw3mAAAAATAA3c
 +uvWlB9sQeCsU4AWKFLH890KKu47oKtZQBYYOVfws0/b27UzGIMPdDugXCa19TSSaXhShAGh/AB
 EwBdKvr2s+8+k42+ly+aZMAEwNZc+PRCsC8MuML6z58FtLhJTTDy0dy0Gti1B46dgi3cEuqpVaD
 M3OeLSaLCajdmZ+fr7d/C1N+JSBULxskwV2V3GpwwAUCmlelNjdelc24CPt74sfjei2M0Acgd
 zytjn7Y2aZa9B13R/pb2ZNPJWUD38d0hrQgFAj4LeP6D53/87UcRxBMTYnFbhJkAAOoPRh82pV9n
 AU2GKMmu+0kMB72bCjEzR0K70039LODSbpdaDhXwFPeB2FkAjLrefMPHQnAC4uVohJz99wIybsuA
 bhwwRf+CHYGd+Y99f7y17i3hA1tx22/b4HRL+AimPzQd9j1xj8fSBNRqVwuO/9t/3y52UQYcyWGs
 dx7dmfkDc5+YcWY13WYtgDz77rPbd22H/cELCQA7AIWF/TZzTKbsb8DKBAAN+6r7/5y1ugkA4DQK
 9hxWma+2frV+63rZB3F4IQa7Nhx2xEgn2AQAT7/zNKQ1R0u7MQ2K6DuJLokBswAoF2w967/fr1f
 FwLnpatWoEZ7U2YAPNIGHzP4OxcOrB7MQFI4sscOnqo3ySLadHuefAeOP1Bt/ICAPoNjnJw/RP
 pGBM7t2/9/y25wfsXliAjppoxlv7KjYouK0h6Z9vunzn3f/vOmnTY+/8biXE6TOYzrDWSLsbxDS
 zc/fhF6QRZAA6rOP37f42cX11FVTO29NlyNYctOsm0bMHME8BXOfnlvTyZx2nDek/Ms71/CScTC
 ZxaKHRIoCaOAAyvc9Ht5Qz03u2c4H7gmUSVAnDmEz6lVKrgR7HVx4Q2+s27zuruV3weCQlwiG
 TR8GMM+UG1ImL5/MPOt0qLPomUX4oWST3k1mPT4LrKocAczlggcX1Gxj+NIOAKuXMdowYQ5wea/L
 H3rloR92/gA1/GTJlBbZlAA6PkjiycwT2TtChjF6nf21kCBrgTaRXTSq3UPORfcDfu2VjeCgjY
 NQICRt027Y4ZlARhKPL6rdWN+qmn+cDsx+fzRjiV8DV4qg5o+SYMjMentF/cn9wgBmFE3i8sS+A
 awHo2+YDmsue8df7gn8ceep0EVgwV9vOqafnQ3BKo054k55kMOMH3V9ItEpInH3DdxWIRMF1
 FxeXkkNz5f8CmT+1knNxnAAAAABJRU5ErkJggg==
 iVBORwOKGgoAAAANSUHeUgAAAHUAAABuCAMAAAFZzJxAAAAAAXNSR0IArs4c6QAAAAARnQUIBAACx
 jwv8YQAAAAEUUEXURQAAAP///wkJCdra2j4+PouLi42NjVdXV8HBwVhYWCiIsXfxTk5OUBAQOLi
 4PT000REB8fWuNDVrUVpZ8/D09Pfb29h4eHt7e3pGRkeDg4HV1dREREUxMTLGxsTw8PP39/aam
 pnNzc/X19aenp9zc3CQkAgICHFxcVvvVampqQUFBZCQkGlpacPDw0tLS25ubufn58DAwaICAyLy
 8iMj17+/u7u7k1JYCAgJycnlyMjHJycgQEBHh4eH19fvtbWyEhlZubmwEBAT8/P3R0dL+/v1ZW
 Vqurq6ioqGFhYcTExL0zsg40PPz86KiohwcHB0dHqoKcMnJy+Hh4evr6wMDA2pqajo6OhQUFGxs
 bAAAAAJ9+igAAABcdJfOU//////////////////////////////////////8Ag20X4AAA
 AAlwSFlzAAAh1QAAIdUBBjY0nQAACQ5JREFUWEE9mb124koQhKWAXE4cEvACcA4xmQIHznj/17ld
 VV0zPYNg7b2Y/Nquru6RsOPkBC7gHw5H84Iybp+fEa1xj/Vt3W9HHu9LPfcozS3L7W5c0IXJGv
 JKv7trxpPlzrYH9ZShwOh+uyXc+fy7YcoEGMx3Nuxp3EqPWhY9RfWwzsiDtlpgi3+2Hjp29dj8vh
 HTIdgWnr8vmRxC4L54AShP9y7XUY39aDJI15npd7pKjxbzleWCCl5+1yyG48v3U5bNftbV23LZ4i
 tXg8jJwfxGON9ULiQUa+0dTw3HzvujOfuwsfllTWU/HNds5EPfJNgow9YcN4/Lhsy/kr2jRky9Xt
 bbnEs7Tk2Qwq5K91i9FzPcD9lYk4fizLdkGbpEovh3s8Yxbs8i90toxne5/pQR5rX/EuU2drPN5
 q2C3myKu8by39evELqQO2nreXJtTNfTnTL/wEN7xonpGb2PvsTZcVHZBy2A43uM1x1tiOXcT4PFj
 D+x0G7K78SDRFVXYOUUV/jH0Tq/UgG/qSm1661jDPwhQUjXo17+EJsBcQyqzeEAVMQbvg8WZIEV
 JicsUofKCQuYAZAdDw04Z82WBnkyY1VQi0tamKOBnUxXZgJGixhcBFpnNLikLoelsN1wxggPvtx
 DomDYXATC9Rec4Umsd3GiEgwsGmLUF9Woiua0rb0YOMMI9YQkWkmq26kVrqZUYEHjtLfVwTibLm
 jpBTtoChK2VtUq8ldhXhc40wUL/lhOa/vvaWsQDvRzjSXH+dEJ8psGnYyTC1cMbAuz5KyyICsxV06
 P8bcC44NPmauC/4wF2NcmBuXWBenyGboOYoxdlT37J8hsLTPugGE+J5IF6h8yUud4fl9YxLwsfl
 GuvelKpZ0V5JPowA6/KkmuvGiVlNrdy2nlYDXiuw8flmw9BZFReQT8P7y7loa+vknKxKU+9vAyYh
 Ezcl3HbEMan3F/BChJaAlFEB4x7T8+1WFIq1aXzy/o62iF2UAJDjPdQWuO4G7bgq83JK4gaL+f3V
 jD5HeSZCVX9/r/35pjcoFSdlw9n4+Q1mS9bzPKB1dd7I59ubMubclnJEjWMD7+8WWX5+0RYth1xR
 C49ZDJ9foHwHzeVXly9fzlv85JzDDE0KdD7C8pcZR4poaHolj+/4L1/foVNmXYJ2dtbFfk7ITsf
 bzg/hxDP+XY83uKliA2cYc9gkz4X57rr/bRc36/L6X5+/7rf32MPMGHU5iUbnr/7GcyKjM+CQOrG
 OkX6Czjz+1PpJ2sytSeaQ3htQ2Se2ZbDDstDz2SlmLteQsYkWaK2U1t1xVybGfg9pmnNIYuz3
 0EwazdzveQ/Z8mjfn8ZjCWPNTozepsM+iTriIB9k02Omo/3wbysp3wUh/3nbqyl2Lkkyt9rlP
 LucM44i6pBfd6lgZ9L41eqGWJyhXHLaezoauxl0QrGxCU3puStBY1WwebYjl+ZcZFsNRVtU2y6H
 ckGhSzWrrIRCHm6jqWY9VYXk4aG2z1qE3YIKRFVaKxRm7BDSGFUwLHs5HuzPlvpyp4GzNF8OiK
 +CgO7eTRfBgLEEkBdw0LaSu/0JEVQDYpd6R2Kwg0WNPS813ZL+6OcY08HulJry7ZhPBy27XpIrinX
 IL4FXqGh4lTukKjS1vOqDH3OyYazroheK8saYWxUq+i1sqxHUSgrpuaywtqjTUCZLD0XUliXICNq
 K87UF5V3W7lqK87LFS2HXOITRL66bkjo/GDqiKcpn6M25c4aats6R23KmSGlbtvLELhGHgXsBxS
 YvdQ6xZvHoUUVXtLXjFFZMUSXl6rmiMvWqg3Sb81N8737DXUt844dyOt3i2398+ec9AHTcEcTw
 OBX7f1RHqD3eOGDiPe7ucH8Q9wzP7xu4BKITFT1q65m2gf3mWAHvvGDTaB4rsDN1BAaDGreZurHW
 jxi4ZcSNbn968AMsvw5OZ+g/t1V0zdgVUbfUg8/BSTlx7Vx4gx0goIHVOlm4j1A/iilVdHHZ4+n
 qHmXCyLHC2YTNXJHAmj6GyRANeLM/AoDPqwg6bnHHVBlhvpZE/H01v/8vn4ej8ctBDzXj7iJ/4qc
 K4ceZdzB94BohngZ81Z96r4yUPfB/rIN5Xg6ajGepnTURQ85m4EelrnKcsgUaNZqifNRFBzWf+
 3aoz1mklkPuYxSsMfDQ1UidzbWgEWQ9YpyFAzgtC8DurPsMmx/lowo93wysccZjwV8w7+b1VYfgT
 asU8vwT+5AB+VgGKTF/y41X9Q+Heqjw3Zf4SzprZa0DD0dR/nhyPpuHsD5w/iw/sNaD93qpDkdGg
 Bs59NBn8W0+hjCbSz/0z2SRPmaFA57+36scoDNAjLBfVvxzCAUOMe6A3MI0B8f9b1UNCpbCn

+RXGVX1m9xVG4yFi2K4bP37IgW7A46Y79FrjaolVP6IR9+ID+G8kropJ9Q87gA5TqzEANDJIDrJs
dT0j+ud5g0/O07MEHUGWqjMfVv4uL49hil6GDZD1/7hq5q1ZI6jat6/qzmsEyMG3jI7fvqo7rxEg
B7tGQLGQ8nClw/XVPHxvAlk+LslqaEJCszDycKX7+1X3ql3Z9PKag4SdxDUioBhkOVlBs+nVqg+f
V9eIgGKQ5Wg22WoT52tO/d4E2qqIFWSPQgz2fqPVkVhUilpNe3ZNaeR/ac7yVT9zAmFJKX/cFUm
CTtBlo36CtdfCED75KDIeFH4LyJTBLUIMvG768KBjGomvGVDmcJXiuD4f4VE2Z2dboD5xSDqhmV
iuurz00/X5XOF9iD6KOp4k/O7hkRpDSS/8G4jychXoKUzz4/QcBz5+cVBpgBahgRUyLwgCz38SRE
8OxK93BVR1GjQQ2GovJgSI7d0w2rmlo7R/zRqvVKZ/5+VSaJ6xrBfHdl8HvaKfNhR8Y6DcEgGtc1
gmerfvuTQ0MwiMb1rNdze6hnCYLCEVTtgbnhetb//1WRm3rNGX7Rk/Sa5psnuK46cvNs1XYMvw17
aMnMYAgoBn6F519qeUaEwRHMW03NVBkMAcXg91Z9xmz00eQrXaW9r457oAey3McGxz+t+vTbmKfV Xdf1H5PCnevFc14cAAAAEIFTkSuQmCC

Meghit Boumediene Khaled

Meghit Boumediene Khaled

2

2019-11-15T14:24:00Z

2019-11-15T14:49:00Z

2019-11-15T14:49:00Z

Normal.dotm

1

6

4091

23321

Microsoft Office Word

0

194

54

false

Title

1

false

27358

false

false

16.0000

</pkg:package>