Left column (PSI-MI XML)

Interaction

```xml
<interaction id="151225">
  <names>
    <shortLabel>HAdVfgp23 (E4-ORF4) interacts with PPP2R2A (PP2A-B-alpha). This interaction was modeled on a
    demonstrated interaction between human adenovirus F HAdVfgp23 and PPP2R2A from an unspecified
    species.</fullName>
    <fullName>HAdVfgp23 (E4-ORF4) interacts with PPP2R2A (PP2A-B-alpha). This interaction was modeled on a
    demonstrated interaction between human adenovirus F HAdVfgp23 and PPP2R2A from an unspecified
    species.</fullName>
  </names>
  <xref>
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  </xref>
</interaction>
```

Experiment Description

```xml
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  <experimentDescription id="151223">
    <names>
      <shortLabel>immunoprecipitation</shortLabel>
      <fullName>An interaction between HAdVfgp23 (E4-ORF4) and PPP2R2A (PP2A-B-alpha) from an unspecified
      species was demonstrated by co-immunoprecipitation. HA-HAdVfgp23 was immunoprecipitated from extracts of U2OS
      cells transfected with HA-HAdVfgp23 and EE-PPP2R2A using anti-HA and precipitates were resolved by SDS-PAGE.
      EE-PPP2R2A was detected by western blot using anti-EE. Fig. 6A. EE-PPP2R2A did not co-immunoprecipitate with mutants
      HA-HAdVfgp23(delta1-48,59-121) and HA-HAdVfgp23-359(delta-49-58) and HA-HAdVfgp23-S1A/54A). Fig. 6A.</fullName>
    </names>
    <bibref>
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      </xref>
    </bibref>
    <interactionDetectionMethod>
      <names>
        <shortLabel>copx</shortLabel>
        <fullName>coimmunoprecipitation</fullName>
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    </interactionDetectionMethod>
    <participantIdentificationMethod>
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        <fullName>inferred by curator</fullName>
      </names>
      <xref>
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    </participantIdentificationMethod>
  </experimentDescription>
  <experimentDescription id="151224">
    <names>
      <shortLabel>colocalization</shortLabel>
      <fullName>An interaction between HAdVfgp23 (E4-ORF4) and PPP2R2A (PP2A-B-alpha) from an unspecified
      species was supported by fluorescence microscopy. U2OS cells were co-transfected with HA-HAdVfgp23 and EE-PPP2R2A.
      Localization was determined by fluorescence microscopy using confocal microscopy. HA-HAdVfgp23 and EE-PPP2R2A
      co-localized to nucleus. Fig 6C. EE-PPP2R2A did not co-localize with mutants HA-HAdVfgp23(delta1-48,59-121)
      (HA-HAdVfgp23-359(delta-49-58)) and HA-HAdVfgp23(delta1A/delta1A/Leu54A4a) (HA-HAdVfgp23-S1A/54A). Fig. 6C.</fullName>
    </names>
    <bibref>
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</experimentList>
```

Interator A

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  <participant id="151217">
    <interactor id="151218">
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        <fullName>E4 ORF4</fullName>
      </names>
      <xref>
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          <attributeList>
            <attribute name="GI STATUS">LIVE</attribute>
          </attributeList>
        </secondaryRef>
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        refType="gene product"/></secondaryRef>
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      <interactorType>
        <names>
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          <fullName>protein</fullName>
        </names>
        <xref>
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        </xref>
      </interactorType>
      <organism ncbiTaxId="130309">
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          <xref>
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            refType="gene ontology term for cellular component"/></primaryRef>
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            refType="gene ontology term for cellular component"/>
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          <attributeList>
            <attribute name="BIND Curator compartment description">HAdVfgp23 co-localizes with PPP2R2A at
            nucleus. Fig 6C.</attribute>
            <attribute name="BIND Interaction place">interaction place</attribute>
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        </compartment>
        <names>
          <shortLabel>Human adenovirus F</shortLabel>
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      </organism>
    </interactor>
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        </xref>
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    </experimentalRoleList>
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      <experimentalInteractor>
        <interactor id="151219">
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            <fullName>Hemagglutinin (HA) epitope tag fused to HAdVfgp23.</fullName>
          </names>
          <xref>
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          <interactorType>
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              <fullName>protein</fullName>
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            </xref>
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          </organism>
        </interactor>
      </experimentalInteractor>
    </experimentalInteractorList>
  </participant>
```

Interator B

```xml
  <participant id="151220">
    <interactor id="151221">
      <names>
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        <fullName>Alpha isoform of regulatory subunit B55, protein phosphatase 2; protein phosphatase 2, regulatory
        subunit B, alpha; protein phosphatase 2 (formerly 2A), regulatory subunit B (PR52), alpha isoform. This is a modeled
        interaction record. Any identifier listed below refers to the molecules being modeled, not to the molecules that were
        actually shown to interact.</fullName>
      </names>
      <xref>
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        <secondaryRef db="genbank indentifier" dbAc="MI:0860" id="4506019" refTypeAc="MI:0361" refType="see-also">
          <attributeList>
            <attribute name="GI STATUS">LIVE</attribute>
          </attributeList>
        </secondaryRef>
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        refType="gene product"/></secondaryRef>
        <secondaryRef db="omim" dbAc="MI:0400" id="604941" refTypeAc="MI:0251" refType="gene product"/></secondaryRef>
      </xref>
      <interactorType>
        <names>
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          <fullName>protein</fullName>
        </names>
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        </xref>
      </interactorType>
      <organism ncbiTaxId="9606">
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            <shortLabel>nucleus</shortLabel>
            <fullName>nucleus</fullName>
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        <interactor id="151222">
          <names>
            <shortLabel>EE-PPP2R2A</shortLabel>
            <fullName>EE epitope tag fused to PPP2R2A from an unspecified species.</fullName>
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            </xref>
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              <shortLabel>unidentified</shortLabel>
              <fullName>unidentified</fullName>
            </names>
          </organism>
        </interactor>
      </experimentalInteractor>
    </experimentalInteractorList>
  </participant>
</participantList>
```

Interation

```xml
<attributeList>
  <attribute name="BIND Interaction Division">BIND Taxonot</attribute>
</attributeList>
</interaction>
```

Right column (BIND XML)

Interaction

```xml
<BIND-Interaction>
  <BIND-Interaction_date>
    <Date></Date>
  </BIND-Interaction_date>
  <BIND-Interaction-id>218486</Interaction-id>
</BIND-Interaction-id>
<BIND-Interaction_a>
```

Interator A

```xml
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    <BIND-object-other-names_E>E4-ORF4</BIND-object_other-names_E>
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  <BIND-object_id>
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  </BIND-object_origin>
</BIND-object>
</BIND-Interaction_a>
<BIND-Interaction_b>
```

Interator B

```xml
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  <BIND-object_other-names>
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    <BIND-object-other-names_E>PP2A-B-alpha</BIND-object_other-names_E>
    <BIND-object-other-names_E>PR55-ALPHA</BIND-object_other-names_E>
  </BIND-object_other-names>
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        <BIND-id_gi>
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        <BIND-id_db>
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      </BIND-id>
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  </BIND-object_id>
  <BIND-object_origin>
    <BIND-object-origin_org>
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        <BioSource_origin value="unknown">0</BioSource_origin>
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            <Org-ref_db>
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                <Dbtag_tag>
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    </BIND-object-origin_org>
  </BIND-object_origin>
  <BIND-object_descr>Alpha isoform of regulatory subunit B55, protein phosphatase 2; protein phosphatase 2, regulatory subunit B, alpha;
  protein phosphatase 2 (formerly 2A), regulatory subunit B (PR52), alpha isoform. This is a modeled interaction record. Any identifier listed below
  refers to the molecules being modeled, not to the molecules that were actually shown to interact.</BIND-object_descr>
</BIND-object>
</BIND-Interaction_b>
```

Experiment Details

```xml
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  demonstrated interaction between human adenovirus F HAdVfgp23 and PPP2R2A from an unspecified species.</BIND-descr_simple-descr>
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                    </BIND-dmo>
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  </BIND-descr_place>
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                </BIND-object-type-id_not-specified>
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              <BIND-object_origin>
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        </BIND-experimental-form>
      </BIND-condition_exp-form-b>
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      was demonstrated by co-immunoprecipitation. HA-HAdVfgp23 was immunoprecipitated from extracts of U2OS cells transfected with
      HA-HAdVfgp23 and EE-PPP2R2A using anti-HA and precipitates were resolved by SDS-PAGE. EE-PPP2R2A was detected by western blot using
      anti-EE. Fig 6A. EE-PPP2R2A did not co-immunoprecipitate with mutants HA-HAdVfgp23(1-48,59-121) (HA-HAdVfgp23-359(delta-49-58)) and
      HA-HAdVfgp23(delta1A/Leu54A4a) (HA-HAdVfgp23-S1A/54A). Fig 6A.</BIND-condition_descr>
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          replication.</BIND-pub-object_descr>
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</BIND-descr_cond>
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</BIND-Interaction_descr>
```

Interation

```xml
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Legend

Legend
- ■ Transferred information
- ■ Controlled Vocabulary conversion
- ■ Added Information
- ■ Not captured