**Appendix 8 Representation of an abstracted interaction, a manually curated protein complex, in PSI-MI XML3.0**

1.3 g. The ability to add data which is not directly linked to a single publication but has been abstracted from multiple sources should be available.

Example taken from the Complex Portal (www.ebi.ac.uk/complexportal/complex/EBI-10887677)

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Mock publication and experiment for abstract interactions that are not interaction evidences.

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<**secondaryRef db="wwpdb" dbAc="MI:0805" id="3BU8" refType="subset" refTypeAc="MI:2179"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="21852327" refType="see-also" refTypeAc="MI:0361"**/>

<**secondaryRef db="go" dbAc="MI:0448" id="GO:0016233" refType="process" refTypeAc="MI:0359"**/>

<**secondaryRef db="go" dbAc="MI:0448" id="GO:0070187" refType="component" refTypeAc="MI:0354"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="23299958" refType="see-also" refTypeAc="MI:0361"**/>

<**secondaryRef db="evidence ontology" dbAc="MI:1331" id="ECO:0000353"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="22965356" refType="see-also" refTypeAc="MI:0361"**/>

<**secondaryRef db="go" dbAc="MI:0448" id="GO:0090655" refType="function" refTypeAc="MI:0355"**/>

<**secondaryRef db="go" dbAc="MI:0448" id="GO:0032206" refType="process" refTypeAc="MI:0359"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="21346783" refType="see-also" refTypeAc="MI:0361"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="20125188" refType="see-also" refTypeAc="MI:0361"**/>

<**secondaryRef db="wwpdb" dbAc="MI:0805" id="1h6p" refType="subset" refTypeAc="MI:2179"**/>

<**secondaryRef db="wwpdb" dbAc="MI:0805" id="1H6O" refType="subset" refTypeAc="MI:2179"**/>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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</**participant**>

<**participant id="13"**>

<**interactorRef**>5</**interactorRef**>

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<**interactorRef**>2</**interactorRef**>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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<**interactorRef**>3</**interactorRef**>

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<**secondaryRef db="unknown" id="EBI-77781" refType="identity" refTypeAc="MI:0356"**/>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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</**participant**>

<**participant id="20"**>

<**interactorRef**>4</**interactorRef**>

<**biologicalRole**>

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<**secondaryRef db="unknown" id="EBI-77781" refType="identity" refTypeAc="MI:0356"**/>

<**secondaryRef db="pubmed" dbAc="MI:0446" id="14755292" refType="primary-reference" refTypeAc="MI:0358"**/>

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<**attribute name="curated-complex"**>The Shelterin (Telosome) complex is a DNA-binding protein complex that associates with the telomeres that cap the ends of eukaryotic chromosomes and distinguishes them from sites of DNA damage thus sheltering chromosome ends from being inappropriately processed by the DNA repair machinery. Consequently it plays an essential role in maintaining telomere structure and integrity. Three subunits can interact directly either with single-stranded (POT1) or double-stranded telomeric DNA (TERF1 and TERF2).

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<**attribute name="curation request" nameAc="MI:0873"**>by Nancy Campbell at BHF-UCL</**attribute**>

<**attribute name="complex-assembly"**>Hetero-octamer</**attribute**>

<**attribute name="complex-properties" nameAc="MI:0629"**>MW ~ 1 MDa</**attribute**>

<**attribute name="accepted"**>Accepted 2015-JUL-20 by BMELDAL</**attribute**>

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