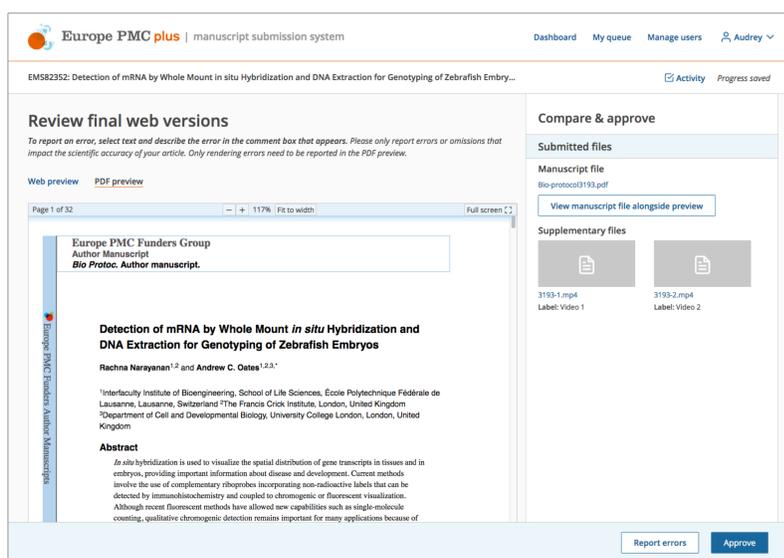


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Screenshots



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Detection of mRNA by Whole Mount *in situ* Hybridization and DNA Extraction for Genotyping of Zebrafish Embryos
Rachna Narayanan^{1,2} and Andrew C. Oates^{1,2,3}

¹Interfaculty Institute of Bioengineering, School of Life Sciences, École Polytechnique Fédérale de Lausanne, Lausanne, Switzerland; ²The Francis Crick Institute, London, United Kingdom; ³Department of Cell and Developmental Biology, University College London, London, United Kingdom

Abstract
In situ hybridization is used to visualize the spatial distribution of gene transcripts in tissues and in embryos, providing important information about disease and development. Current methods involve the use of complementary riboprobes incorporating non-radioactive labels that can be detected by immunohistochemistry and coupled to chromogenic or fluorescent visualisation. Although recent fluorescent methods have allowed new capabilities such as single-molecule counting, qualitative chromogenic detection remains important for many applications because of

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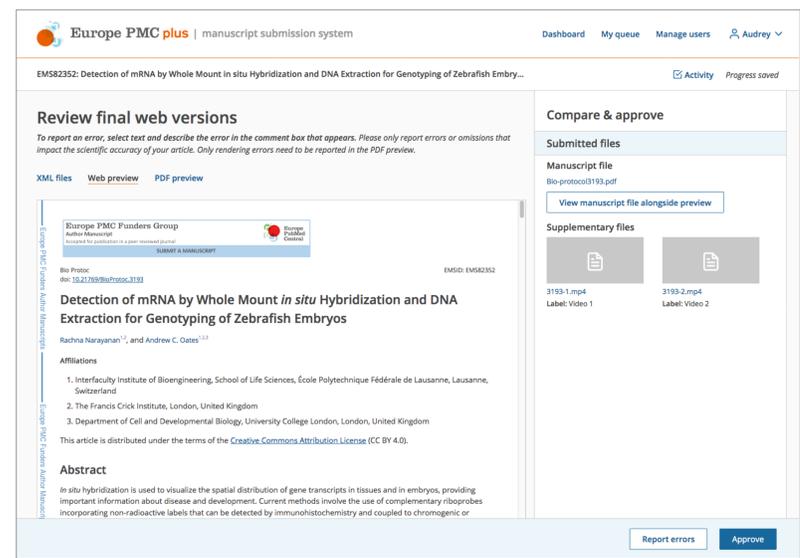
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doi: 10.21769/BioProtoc.3193 EMSR2352

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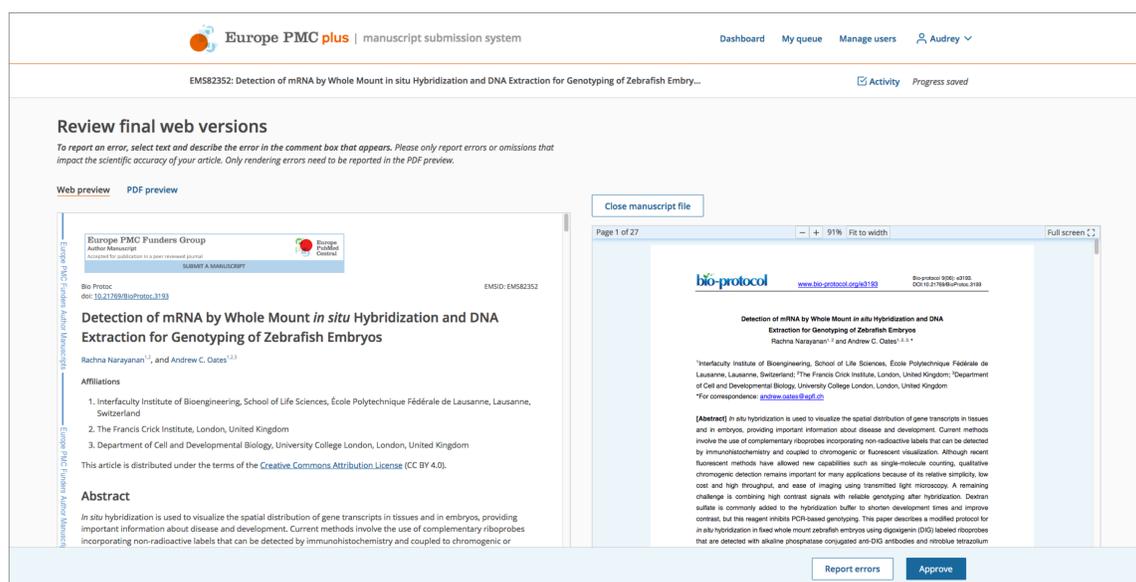
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Summary

The Europe PMC plus manuscript submission system system imports NLM 3.0 XML, transforms it to JATS-friendly XML, and uses it to create web and PDF previews of articles as they will appear in Europe PMC.

Future work

NLM 3.0 was required by the system that was previously in place. Our next step for the new platform, built on PubSweet, is to use JATS directly, and to utilize some of the tags in JATS that were not available in NLM 3.0 to better tag our articles.

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