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2554 Stage-specific Proteomes from Onchocerca ochengi, Sister Species of the Human River Blindness Parasite, Uncover Adaptations to a Nodular Lifestyle
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On the cover: This work develops label-free quantification for single embryonic cells to ask how cell heterogeneity is established in the developing vertebrate embryo. Proteins are digested from individual cells from 16-cell frog (Xenopus laevis) embryos, separated by microanalytical capillary electrophoresis, ionized by electrospray ionization, and sequenced by high-resolution mass spectrometry. The results reveal appreciable translational differences between cells of similar tissue fates. For details, see the article by Camille Lombard-Banek, et al., pages 2756–2768

[S] Online version of this article contains supplemental material.  Χ Author’s Choice
Resolution of Novel Pancreatic Ductal Adenocarcinoma Subtypes by Global Phosphotyrosine Profiling
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CONSTANd: A Normalization Method for Isobaric Labeled Spectra by Constrained Optimization
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