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M110.000745 Comprehensive Proteomic Analysis of Membrane Proteins in Toxoplasma gondii
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M110.003129 Several Novel Nuclear Envelope Transmembrane Proteins Identified in Skeletal Muscle Have Cytoskeletal Associations
Gavin S. Wilkie, Nadia Korfali, Selene K. Swanson, Poonam Malik, Vlastimil Sršen, Dzmitry G. Batrakou, Jose de las Heras, Nikolaj Zuleger, Alastair R. W. Kerr, Laurence Florens, and Eric C. Schirmer

On the cover: HPLC-ESI-MS analysis of the intact, naturally occurring proteome of human preterm newborn saliva (TIC profile on the top of the figure) disclosed a lot of proteins almost absent in adult saliva. Various isoforms of the S100 protein class, SPRR3 and stefins A and B were identified among more than 40 components. A quantitative label-free MS analysis showed different decreases of these proteins in relation to the postconceptional age, suggesting coordinate and hierarchical functions during fetal oral development. For details, see the article by Castagnola et al., pages M110.003467 1–14.

[S] Online version of this article contains supplemental material.  [X] Author’s Choice
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