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The image depicts the cellular localization of epithelial Ca2+-channels (green) in the gills of freshwater-adapted Japanese eels. The sections were counterstained with NaK-ATPase (red), a marker for mitochondria-rich cells, and DAPI (blue).

Credit: J Gu, A Y S Law, B H Y Yeung and C K C Wong, Department of Biology, Croucher Institute for Environmental Sciences, Hong Kong Baptist University, Hong Kong, People's Republic of China
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