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A 2-week-old piglet whose genome has been engineered to inactivate porcine endogenous retroviruses (PERVs). This animal is from a cell line created using CRISPR technology to inactivate PERVs, the possible transmission of which has hindered effective xenotransplantation. This work addresses safety concerns about cross-species viral transmission and brings us one step closer to reliable pig-to-human organ transplants. See pages 1238 and 1303.

Photo: K. Fan/eGenesis
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