

BCRT, Charité University Medicine Berlin Augustenburger Platz 1 13353 Berlin, Germany E-mail: hpscreg-info@charite.de URL: www.hpscreg.eu

Certificate ∽ 💥 ∾

This is to certify that the **human embryonic stem cell line (HVRDe012-A)** has been registered in the European Human Pluripotent Stem Cell Registry (hPSCreg): http://hpscreg.eu/cell-line/HVRDe012-A

□ Type cell line	: Human embryonic stem cell
□ hPSCreg name	: HVRDe012-A
\Box Other name	: HuES12
□ Provider	: Harvard University - Melton Lab
\Box Country	: United States
\Box Derivation date	: Unknown
□ Evidence of Pluripotency	: Yes
\Box Disease	: Unknown
Evidence for Ethical Provenance	: Yes
provided	

The registered information provides evidence that:

- The line has been derived with full informed consent of the donor
- No undue inducement has been provided for donation
- The embryo was not generated solely for research purposes

The Registry confirms that line HVRDe012-A complies to the rules set by the European Commission for funding of research with human embryonic stem cells.

Date 12.9.2017 Andreas Kurtz hPSCreg Coordinator

This document was issued electronically and is valid without signature.