

Fraunhofer-Institut für Biomedizinische Technik (IBMT) Anna-Louisa-Karsch Str. 2 10178 Berlin, Germany E-mail: hpscreg-info@fraunhofer.de

E-mail: npscreg-info@fraunnofer URL: https://hpscreg.eu

Certificate

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This is to certify that the **human embryonic stem cell line (KIe034-A)** has been registered in the European Human Pluripotent Stem Cell Registry (hPSCreg):

https://hpscreg.eu/cell-line/KIe034-A

☐ Type cell line : Human embryonic stem cel		Type cell line	:	Human em	bryonic s	stem	cell	L
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□ hPSCreg name□ Other name: KIe034-A: KARO1

□ Provider : Karolinska Institutet

 \square Country : Sweden \square Derivation date : 2017-12-15

□ Disease
□ Evidence of Pluripotency
□ Evidence for Ethical Provenance provided
: Yes

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 KIe034-A complies to the rules set by the European Commission for funding of research with human embryonic stem cells.

Date 20.1.2021 Andreas Kurtz hPSCreg Coordinator

This document was issued electronically and is valid without signature.