

EFRE Funding

**Genotypisierungs-Plattform für
medizinisch relevante Tiermodelle
kardiovaskulärer oder metabolischer
Erkrankungen des Menschen**



EUROPÄISCHE UNION
Europäischer Fonds für
Regionale Entwicklung
www.efre.brandenburg.de

**Genotyping platform for medically relevant animal models for
cardiovascular or metabolic diseases in humans.**

A Fluidigm genotyping platform was erected for mass screening of genetic polymorphisms, most notably Single Nucleotide Polymorphisms (SNPs). Current applications are:

- Screening of disease-relevant mutations in transgenic zebra fish lines to characterize signal-transduction cascades and gene expression.
- Screens on pharmaceutical effects of candidate chemicals in zebra fish.
- Characterization of molecular effects of mutations.
- High-throughput SNP screens on further animal and plant species.