README for Dataverse data set 23AIREA1051613-Investigating interactions between the cardiac voltage-gated potassium channel proteins hERG and KvLQT1

June 2025

Acceptor photobleach FRET (apFRET)

- Protocols
    - Mammalian Cell Culture and Protocols
        - Transfection Protocol
    - Leica FRET AB Protocols
- apFRET image data and analyses

hERG and KvLQT1 immunoblots for expression and surface abundance)

- Protocols
    - Mammalian Cell Culture and Protocols
        - Transfection Protocol
    - SDS-PAGE and Immunoblotting Protocol
- Immunoblot .tif raw data files
- Data Analysis xls files

Immunoblot assessment of stable cell lines

- Protocols
    - Mammalian Cell Culture and Protocols
        - Transfection Protocol
    - SDS-PAGE and Immunoblotting Protocol
- Immunoblot .tif raw data files
- Data Analysis xls files

hERG phosphomutant expression images in HEK-293

- Protocols
    - Mammalian Cell Culture and Protocols
        - Transfection Protocol
    - Immuno- or fluorescent labeling_master
- Images as raw .nd2 files