TRANSIENT BULK TRANSFECTION

- Expression of toxic or complex targets
- Quick validation of targets variant
- Instant access to cell based reagents in bulk quantities
- High target expression levels achievable

WE PROVIDE

Host cells

WE PERFORM

Bulk cell production

YOU PROVIDE

DNA

YOU RECEIVE

Frozen cells

Membranes

Proteins
1 billion HEK293 cells were electroporated either with mock DNA (A) or an expression vector for human potassium channel KV1.5 (B) using MaxCyte® STX™.

Transfection efficacy (top) was analysed by immunofluorescence labelling of the recombinant ion channel (green). Nuclei were counterstained with DAPI (blue).

The function of KV1.5 (bottom) was analysed by automatic patch-clamp using a Port-à-Patch (Nanion) measuring characteristic current profiles in transfected cells.

**Evotec Cell Culture Services**

- Over ten years of experience in custom cell, membrane and protein production
- Direct communication with project scientists and full access to raw data
- Reagent production services can be accessed as a standalone function or as integral part of wider collaborative programmes
- Cell bank management scheme, establishing, propagating, backup storage and distribution of customers cell lines between subsidiaries or partners worldwide