CELL LINE GENERATION

- Broad range of target expression levels
- Highly stable clones
- Coexpression of multiple subunits
- Functionally validated in cell based assays

YOU PROVIDE
- Sequence information

WE PROCESS
- Vector construction
- Expression vector
- Stable transfection
- Clonal selection

WE PROVIDE
- Host cells
- Recombinant cell line
- Assay development
- Assay data
A: CHO-K1 cell were transfected with an expression vector for free fatty acid receptor GPR40. Selected clones were screened and validated by IP-One HTRF® assay (Cisbio).

B: CHO-K1 cells were transfected with an expression vector for voltage gates sodium channel NaV1.5. Isolated clones were screened for target expression by immunofluorescence labeling and further validated by automated patch clamp.

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