

# Cell Line Collection

Assay.Works offers access to 120+ proprietary cell lines, predominantly for human transmembrane targets. Functional expression of the targets verified in at least one assay format.

- › 85 engineered GPCR cell lines
- › 28 engineered ion channel/ transporter cell lines
- › 10 Nuclear hormone receptor cell lines

## Applications

- › Custom assay development at Assay.Works
- › assay.ready frozen cells for inhouse applications
- › Cell fractionation products, e.g. membrane vesicles for label-free assay technologies
- ›

Gene Family	Targets	Cell Lines
› <b>G protein-coupled Receptors</b>		
› Class A rhodopsin-like		
› Amine receptors		
› 5-hydroxytryptamine receptors	1	1
› Adrenoceptors	1	1
› Cholinergic receptors muscarinic	1	1
› Dopamine receptors	2	2
› Chemokine receptors		
› C-C motif	3	3
› C-X-3-C motif	1	1
› C-X-C motif	1	1
› X-C motif	1	1
› Bile acid receptor	1	1
› Class A orphans	12	19
› Hydroxy-carboxylic acid receptors	1	1
› Lipid like receptors		
› Free fatty acid receptors	4	6
› Leukotriene receptors	1	1
› Lysophosphatidic acid receptors	3	4
› Prostaglandin (prostanoid) receptors	2	4
› Sphingosine 1-phosphate receptors	3	7
› Nucleotide like receptors		
› Adenosine receptors	1	1
› Oxoglutarate receptor	1	1
› Peptide receptors	3	4
› Bradykinin receptors	1	2
› Endothelin receptors	1	1
› Galanin receptors	1	1
› Melanin concentrating hormone receptors	1	1
› Neuromedin U receptors	1	1
› Neuropeptide receptors	2	5
› Neurotensin receptors	1	1
› Tachykinin receptors	1	1
› Prokineticin receptors	1	1
› Relaxin family peptide receptors	1	1
› <b>G protein-coupled Receptors (cont.)</b>		

## Gene Family

	Targets	Cell Lines
› Class C metabotropic glutamate/pheromone		
› Glutamate metabotropic receptors	2	2
› Class B secretin-like		
› Vasoactive intestinal peptide receptor family	2	2
› <b>Ion channels</b>		
› Ligand gated ion channels		
› Cholinergic receptors nicotinic subunits	2	2
› Purinergic receptors P2X	5	6
› Voltage gated ion channels		
› Potassium voltage-gated channels	2	2
› Transient receptor potential cation channels	5	8
› <b>Solute carriers</b>		
› Family 11	1	1
› Family 16	4	8
› Family 34	1	1
› <b>Zinc fingers</b>		
› Nuclear hormone receptors	10	10

## Contact

Assay.Works GmbH  
Am BioPark 11  
93053 Regensburg, Germany

[contact@assay.works](mailto:contact@assay.works)

[www.assay.works](http://www.assay.works)