

# “bridging the gap” in ion channel drug discovery



## Our Panel of Voltage Gated Ion Channel Assays

**Voltage Gated Ion Channels** belong to one of the most important target classes, but also to one of the most challenging to study. *We offer to clients* our well recognized expertise on Ion Channels and our comprehensive platforms of **cell lines** and **technologies**.

(release February 2016)

Target	Symbol	Gene ID
Voltage gated Na+ channels	SCN9A (Nav1.7)	6335
Voltage gated K+ channels	KCNA3 (Kv1.3)	3738
	KCNA5 (Kv1.5)	3741
	KCNB1 (Kv2.1)	3745
Inwardly Rectifying K+ channels	KCNJ4 (Kir 2.3)	3761
Voltage gated Ca2+ channels	CACNA1C (Cav 1.2)	775
	CACNA1D (Cav1.3)	776
Store-operated Ca2+ channels	CRAC	84876 - 6786
Calcium Activated Cl- Channel	TMEM16A	55107
Calcium Activated K+ Channel	KCNN3	3782
	KCNN4 <b>NEW!</b>	3783
K+/Na+ hyperpolarization-activated CNG channels	HCN2 <b>NEW!</b>	610
	HCN4 <b>NEW!</b>	10021

### FEATURES

- ✓ Stable transfected cell lines
- ✓ Fully validated for HTS application
- ✓ Various read outs available

### APPLICATIONS

- ✓ Hit discovery programs
- ✓ Hit follow-up programs

### TECHNOLOGIES

- ✓ FLIPR
- ✓ Manual patch clamp
- ✓ Automated patch clamp (QPatch 16X)

Contact us to receive further information on our offers

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