



## Discovery Biosciences at NUVISAN

- In-depth expertise and state-of-the art techniques to drive your drug discovery program forward
- Our services include protein sciences, biochemical/biophysical/cell-based assays, MS, biophysics, and structural biology

## Screening at NUVISAN

- > 20 years industrial drug discovery experience with a broad range of targets
- Cell-based, biochemical, biophysical and high-content assay platforms available
- Assay development with high-quality, custom-made functional proteins and cell lines
- High-throughput capabilities at your service
- Wide range of readout technologies
- Support for hit-to-lead and lead optimization programs
- Mode-of-action analysis as your next step

## Contact us

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## NUVISAN's Assays2Go Service

- Growing catalogue of Assays2Go for
  - Profiling of your compounds at NUVISAN
  - High-throughput screening (NUVISAN or your library)
- Therapeutically highly interesting targets
- Robust, reproducible and sensitive assay protocols
- High-quality data for your compounds of interest
- Rapid turnaround times
- Data reporting tailored to your needs

Target Name	UniProt ID	Target Name	UniProt ID
AKR1C3	P42330	ChoKa	P35790
ATAD2	Q6PL18	HIF2a	Q99814
BRD4 BD1	O60885	MPS1	P33981
BRD4 BD2	O60885	NEK2	P51955
BRPF1	P55201	PLK1	P53350
BRPF2	O95696	SMYD2	Q9NRG4
BUB1	O43683	SRPK1	Q96SB4

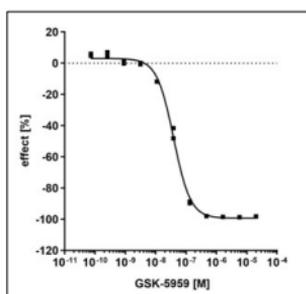
## Example BRPF1 TR-FRET Assay

### Target information

- Family: Epigenetic
- Protein name: BRPF1  
(bromodomain and PHD finger containing 1)
- Uniprot Number: P55201
- Gene name: BRPF1
- GeneID: 7862
- Aliases: BR140, IDDDFP, Peregrin
- Organism: Human

### Assay information

- Assay Format: Biochemical
- Assay Type: Binding
- Detection Technology: TR-FRET



Dose Response Curve of Tool compound GSK-5959 in BRPF1 TR-FRET Assay: IC<sub>50</sub> = 39 nM

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