

CGBVS Performance Data

Current as of Oct. 2015

Protein Family	Type	Cases	Assay Results	
			Compunds	Hits (IC50)
GPCR	Amine GPCRs	6	21	11 Hits (5-90uM)
			30	12 Hits (<50uM)
			30	9 Hits (0.001-65uM)
			57	10Hits (0.28-24.8 μ M)
	Peptide GPCRs	9	30	1 Hits (1uM)
			40	2 Hits (10uM)
			20	3 Hits (15-70uM)
			30	5 Hits (10-30uM)
			78	3hits (<30 μ M)
	Others	5	30	3Hits
			200	8hits
			200	5hits (20-30uM)
Kinase	Serine Threonine Kinases	1	20	2 Hits (10-20uM)
	Tyrosine Kinases	2	20	5 Hits(0.005-20uM)
			20	3 Hits (10-50uM)
Ion channel	Charge or Ligand dependent	14	130	28Hits (nM order; under patent application)
			23	3Hits(1-13uM)
			39	2Hits(1-10uM)
			100	12hHts(30 μ M)
			53	34Hits(0.1-13uM)
			109	6Hits(2-68 μ M)
			100	4Hits(9.8-22 μ M)
			100	5Hits(6.6-25 μ M)
			237	145Hits
			325	33Hits
Others	Oxygen-based	7	168	25Hits (10 μ M)
	Target prediction	6	300	12Hits(<10 μ M)
Total		50		

※Only publishable data are presented.