

>2ZNS_1|Chain A|Glutamate receptor, ionotropic kainate 1|Homo sapiens (9606) mutated.fasta

Created: today at 12:57

Summary

Templates 49

Models 1

Project Data

Project Summary

Target 1ANRTLIVTTILEEPYVMYRKSDKPLYGNDRFEGYCLLLKELSNILGFIYDVKLVPDGKYGAQNDKGEWNGMVKELIDHRADLAVAPLTITYVREKVIDFSKPFMTLGISILY

Target 1STYEKMWAFMSSRQQTALVRNSDEGIQRLTTDYALLMESTSIEYVTQRNCNLQTIGGLIDSKGYGVGTPIGSPYRDKITITAILQLQEEGKLHMMKEKWWRGNGCP

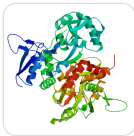
Template Results

A total of 3898 templates were found to match the target sequence. This list was filtered by a heuristic down to 49. The top templates are:

Template	Sequence Identity	Biounit Oligo State	Description
4mf3.1	99.61	homo-dimer	Glutamate receptor ionotropic, kainate 1 Crystal Structure of Human GRIK1 complexed with a 6-(tetrazolyl)aryl decahydroisoquinoline antagonist
8r36.1	98.44	homo-dimer	Glutamate receptor ionotropic, kainate 1 Crystal structure of the Gluk1 ligand-binding domain in complex with kainate and BPAM538 at 1.90 A resolution
5cmk.1	87.89	homo-dimer	Glutamate receptor ionotropic, kainate 2 Crystal structure of the GluK2EM LBD dimer assembly complex with glutamate and LY466195
5cmk.1	87.89	homo-dimer	Glutamate receptor ionotropic, kainate 2 Crystal structure of the GluK2EM LBD dimer assembly complex with glutamate and LY466195
3g3f.1	86.33	homo-dimer	Glutamate receptor, ionotropic kainate 2 Crystal structure of the GluR6 ligand binding domain dimer with glutamate and NaCl at 1.38 Angstrom resolution

Show full template details

Model Results

	Id	Template	GMQE	QMEANDisCo Global	Oligo State	Ligands
	01	4mf3.1.A	0.88	0.82 ± 0.05	homo-dimer	2 x SXI

Show full model results