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## >2ZNS\_1|Chain A|Glutamate receptor, ionotropic kainate 1|Homo sapiens (9606) mutated.fasta

Created: today at 12:57

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### Project Summary

Target 1 ANRTLIVTTILEEPYVVMYRKS D K P L Y G N D R F E G Y C L L L K E L S N I L G F I Y D V K L V P D G K Y G A Q N D K G E W N G M V K E L I D H R A D L A V A P L T I T Y V R E K V I D F S K P F M T L G I S I Y  
 Target 1 S T Y E K M W A F M S S R Q Q T A L V R N S D E G I Q R V L T T D Y A L L M E S T S I E Y V T Q R N C N L T Q I G G L I D S K G Y G V G T P I G S P Y R D K I T I A I L Q L Q E E G K L H M M K E K W W R G N G C P

### 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 Å 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 ⓘ

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