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## >7LYH\_1|Chain A|3C-like proteinase|Severe acute respiratory syndrome coronavirus 2 (2697049) mutated.fasta Created: today at 10:03

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### Project Summary

Target 1 SGFRKMAFPSGKVEGCMQVTCTTNGLWLDDVVYCPRHVICTSEDMLPNPNYEDLLIRKSNNFLVQAGNVQLRVIGHSMQNCVLKLKVDTANPKTPKYKFVRIQPGQTFSVLACYNGSPSGVYQCAMRPNFTIKGSFLNGSCGSVGF 150  
 Target 1 NIDYDCVSFCYMHMELPTGVHAGTDLEGNFYGPVDRQTAQAAGTDTTITVNVLAWLYAAVINGDRWFLNRFITLNDFNLVAMKYNYEPLTQDHVDILGPLSAQTGIAVLDMCASLKEELLQNGMNGRTILGSALLEDEFTPFDVVRQC 300  
 Target 1 SGVTFQ 306

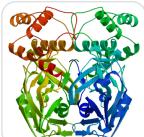
### Template Results ⓘ

A total of 1073 templates were found to match the target sequence. This list was filtered by a heuristic down to 8. The top templates are:

Template	Sequence Identity	Biounit Oligo State	Description
9du3.1	99.67	homo-dimer	3C-like proteinase nsp5 SARS-CoV-2 Mpro in complex with compound 1
9du4.1	99.67	homo-dimer	3C-like proteinase nsp5 SARS-CoV-2 Mpro in complex with compound 3
7jr3.1	99.67	homo-dimer	3C-like proteinase SARS-CoV-2 3CL protease crystallized under reducing conditions
9dtz.1	99.67	homo-dimer	3C-like proteinase nsp5 SARS-CoV-2 Mpro in complex with compound 5
9dtz.1	99.67	homo-dimer	3C-like proteinase nsp5 SARS-CoV-2 Mpro in complex with compound 5

[Show full template details](#)

### Model Results ⓘ

	Id	Template	GMQE ⓘ	QMEANDisCo Global ⓘ	Oligo State	Ligands
	01	9du3.1.A	0.97	0.91 ± 0.05	homo-dimer	2 x 01

[Show full model results](#)