A target and two drugs for SARS-CoV-2 found by paralog search

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# Abstract

Using a paralog search pipeline, the author searched the ChEMBL 25 database, screening targets in it against the SARS-CoV-2 genome and found a high scoring target that has three known drugs.

The the target, RNA polymerase, was found to have 100% identity with a gene in the viral genome of SARS-CoV-2.

Two drugs associated with this ChEMBL 25 database target showed high binding affinity in docking simulations, validating them as promising drug candidates to treat SARS-CoV-2.

# Introduction

# Materials and methods

# Results and discussion

# Conclusions

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