



List of Protein Constructs

Shapiro Lab

Columbia University

All clones were transformed into BL21 (DE3) cells for bacterial expression. Typical yield would range from 20-30 mg/L

3CL project:-

Wild type

SARS - CoV 3CL

SARS-CoV-2 3CL

MERS-CoV 3CL

OC43-CoV 3CL

229E-CoV 3CL

Mutants

SARS-CoV C145A 3CL

MERS-CoV C148A 3CL

PLpro Project:-

Wild type

SARS - CoV PLpro

SARS-CoV-2 PLpro

ZC45 CoV PLpro

Mutants

SARS - CoV C111S

SARS-CoV-2 C111S

ZC45-CoV C111S and C111A