

 **TARGET
GALLERY**

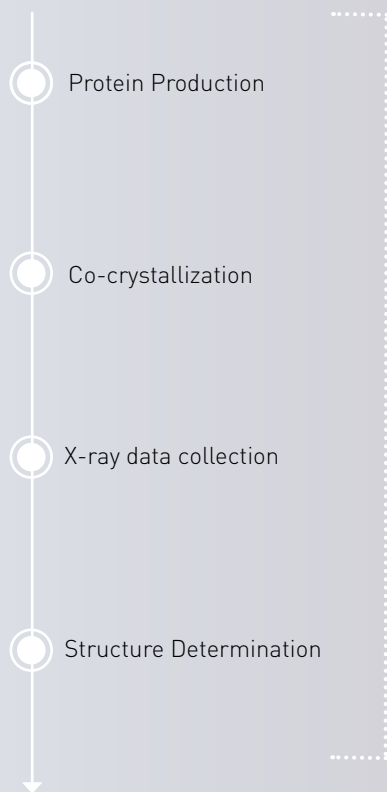
Over 18 Years of Heritage:

- Established crystallization systems to enable structure-based drug design
- Crystallography grade protein
- Soluble, membrane protein, protein-protein complexes

Beryllium has the best in class
structural biology services

BE4.COM
COLLABORATE@BE4.COM

Working with Beryllium



2-6
MOS

DELIVERABLE

Fully annotated Protein Data Bank-coordinate and structure

+ OVER 900 structures in the PDB Beryllium has deposited.

+ Membrane Protein Expertise reagent production and crystallography.

TARGET GALLERY

HUMAN

Abl P00519
ACE2 Q9BYF1
Akt1 P31749
Akt2 P31751
Akt3 Q9Y243
Alcohol dehydrogenase 1B P08319
ARNT P27540
AST (GOT) P17174
BAK Q16611
-catenin P35222
Bcl-2 P10415
Bcl-6 P41182
Bcl-9 O00512
bRaf P15056
Btk Q06187
Carbonyl reductase 1 P16152
Caspase 2 P42575
Caspase 6 P55212
Cathepsin S P25774
cFMS P07333
CHKA (Choline Kinase Alpha) P35790
cKit P10721
cMet P08581
Cyclin dependent kinase 2 P24941
Cyclin dependent kinase 4 mimic P11802
DcpS Q96C86
EED Q75530
EGFR (Her kinase) P00533
eIF4E P06730
F3K Q9H479
Flt3 P36888
Gelsolin P06396
GFAT Q06210
Glucokinase P35557
Glutaminase (GAC) O94925
Glutathione-S transferase 1 P09211
GSK3a P49840
GSK3b (±PO4) P49841
GSNOR P11766
HDAC4 P56525
Heme-regulated inhibitor kinase (HRI) Q9BQI3
Hexokinase II (HK2) P52789
HIF1a Q16665
HIF2a Q99814
HRas- P01112
Hsp90 P82995
IDH1 Q75874
IDH2 P48735
IRAK4 Q9NWX3
IRK P06213
JAK2 O60674

JAK3 P52333
JNK3 P53779
Kallikrein (tissue) P06870
Kallikrein (plasma) P03952
KDR (VEGFR2) P03952
KelchMFH Q14145
Kras P01116
LTA4H p09960
Lyn P07948
MAP3K2(MEKK2) Q9Y2U5
MAP3K3(MEKK3) Q99759
Mcl-1 Q07820
Mdm2 Q00987
MEK1 (MAP2K1) Q02750
MK2 (MAPK2, MEKK1) P49137
Mms2 Q15819
NAMPT P43490
Nepriiysin P08473
OGT1 O15294
p300 O15294
p38 gamma (±PO4) P53778
p38a_MKK6 (±PO4) Q16539
PCSK9 AAV67948
PDE10A1 Q9Y233
PDE1A5 P54750
PDE1B Q01064
PDE2A O00408
PDE4A4 P27815
PDE4B1 Q07343
PDE4B2 Q5TEK5
PDE4C1 Q08493
PDE4D7 Q08499
PDE5A1 O76074
PDE7A1 Q13946
PDGFRa P16234
PDGFRb P09619
PDHK2 Q15119
PDHK4 Q16654
PHD2 Q9GZT9
PHGDH Q43175
Phosphoserine Aminotransferase 1 Q9Y617
Phosphoserine Phosphatase Q5RB83
PI3Kgamma P48736
PIP4K2B P78356
PLK-1 P53350
PPARgamma P37231
PSase p78330
PTP1B-1 P18031
REF1/Ape1 P27695
RFK Q969G6
Rheb Q15382
RNaseL Q05823
Serine Dehydratase Q96GA7
SHMT1 P34896
Skp-1 P63208
SOS-1 Q07889

SPLY1 O95470
Src P12931
Syk P43405
TAFI Q96IY4
Tankyrase 1 O95271
Tankyrase 2 Q9H2K2
Tcf4 Q9NQB0
Tdp1 Q9NUW8
Tie2 Q02763
Topo 1 P11387
Transketolase P29401
Ubc13 P29401
WDR5 P61964
WSCH1 P61964
ZAP70 P43403

BACTERIAL

AmpC B6V6L4
CTX-M-15 Q2PUH3
FabI T8K5I8
FtsZ U2ARG6
Gyrase W8U2L4
KPC-2 C0L7J1
LpxC A3M9X5
LpxC Q1RG99
LpxC A6T4N9
LpxC P47205
MetRS T4K5C6
NDM1 E5KIY2
OXA48 AY236073
PolC Q5I0J3
Recombinase A G7RSJ1, Q9APZ2
SHV-12 GQ389709
SHV-5 HM125696
TEM-43 AAC32889.2
TEM-72 Q9R429

VIRAL

HCV Helicase p27958
HCV NS5a Q68478
HCV Polymerase (NS5b) Q99AU2
HCV Protease (NS3/4a) D7USL5
PB1NT V9TG62

CAVEATS

- Above is a partial list of targets that Beryllium has experience working on. The team at Beryllium has experience with over 1000 proteins. As Beryllium's publication record will substantiate, our team is the first-in-class partner for custom Structural Biology.
- This list does not include a comprehensive number of Antibody[FAB]:Antigen Structure projects.
- For many of the targets listed in this gallery, Beryllium owns multiple constructs [tag, truncation, mutation variants]. Our experience may include any or all of the following for a given target: Cloning & Expression, Protein Purification, Biophysical Studies, Crystallization, and Functional Assay.