

# LIGHT CHAIN-POST GALAXY REFINE

Model	GDT-HA	RMSD	MolProbity	Clash score	Poor rotamers	Rama favored
Initial	1.0000	0.000	1.437	0.6	2.2	92.4
MODEL 1	0.9953	0.276	1.587	10.9	1.1	98.1
MODEL 2	0.9883	0.287	1.929	14.6	2.2	98.1
MODEL 3	0.9883	0.289	1.616	12.8	0.0	98.1
MODEL 4	0.9930	0.296	1.634	13.4	0.0	98.1
MODEL 5	0.9883	0.308	1.731	17.0	0.0	98.1

# HEAVY CHAIN-POST GALAXY REFINE

Model	GDT-HA	RMSD	MolProbity	Clash score	Poor rotamers	Rama favored
Initial	1.0000	0.000	1.370	0.6	3.1	95.7
MODEL 1	0.9893	0.319	1.534	10.0	1.0	98.3
MODEL 2	0.9808	0.364	1.577	6.1	2.1	99.1
MODEL 3	0.9722	0.346	1.498	9.4	0.0	98.3
MODEL 4	0.9850	0.302	1.450	8.3	0.0	98.3
MODEL 5	0.9808	0.335	1.633	13.3	0.0	98.3

## Heavy chain

GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
GLU1  
VAL2  
VAL2  
VAL2  
VAL2  
VAL2  
VAL2  
VAL2  
VAL2  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
GLN3  
LEU4  
LEU4  
LEU4  
LEU4  
LEU4  
LEU4  
LEU4

LEU4  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN5  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
GLN6  
SER7  
SER7  
SER7  
SER7  
SER7  
SER7  
SER7  
SER7  
SER7  
GLY8  
GLY8  
GLY8  
GLY8  
GLY8  
ALA9  
ALA9  
ALA9  
ALA9  
ALA9  
ALA9

GLU11  
 GLU11  
 GLU11  
 GLU11  
 GLU11  
 GLU11  
 GLU11  
 GLU11  
 GLU11  
 LEU12  
 LEU12  
 LEU12  
 LEU12  
 LEU12  
 LEU12  
 LEU12  
 LEU12  
 VAL13  
 VAL13  
 VAL13  
 VAL13  
 VAL13  
 VAL13  
 VAL13  
 VAL13  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 LYS14  
 ALA15  
 ALA15  
 ALA15  
 ALA15

[illegible]

LEU21  
LEU21  
LEU21  
LEU21  
LEU21  
LEU21  
LEU21  
SER22  
SER22  
SER22  
SER22  
SER22  
SER22  
SER22  
SER22  
CYS23  
CYS23  
CYS23  
CYS23  
CYS23  
CYS23  
CYS23  
PRO24  
PRO24  
PRO24  
PRO24  
PRO24  
PRO24  
PRO24  
ALA25  
ALA25  
ALA25  
ALA25  
ALA25  
ALA25  
SER26  
SER26  
SER26  
SER26  
SER26  
SER26  
SER26  
GLY27

LYS35

LYS35  
LYS35  
ASP36  
ASP36  
ASP36  
ASP36  
ASP36  
ASP36  
ASP36  
THR37  
THR37  
THR37  
THR37  
THR37  
THR37  
THR37  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
TYR38  
MET39  
MET39  
MET39  
MET39  
MET39  
MET39  
MET39  
HIS40



LYS43

LYS43  
LYS43  
LYS43  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
GLN44  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
ARG45  
PRO46  
PRO46  
PRO46  
PRO46  
PRO46  
PRO46  
PRO46  
PRO46  
GLU47  
GLU47  
GLU47  
GLU47  
GLU47

[illegible]

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

TRP52

ILE53

ILE53

ILE53

ILE53

ILE53

ILE53

ILE53

ILE53

ILE53

GLY54

GLY54

GLY54

GLY54

GLY54

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

ARG55

[illegible]

GLY63  
GLY63  
GLY63  
ASN64  
ASN64  
ASN64  
ASN64  
ASN64  
ASN64  
ASN64  
ASN64  
ASN64  
THR65  
THR65  
THR65  
THR65  
THR65  
THR65  
THR65  
THR65  
THR65  
THR65  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
LYS66  
PHE67  
PHE67  
PHE67  
PHE67  
PHE67  
PHE67  
PHE67



PHE71  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLN72  
GLY74  
GLY74  
GLY74  
GLY74  
GLY74  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
LYS75  
ALA76  
ALA76  
ALA76  
ALA76  
ALA76  
THR77  
THR77  
THR77  
THR77  
THR77  
THR77



THR77  
THR77  
ILE78  
ILE78  
ILE78  
ILE78  
ILE78  
ILE78  
ILE78  
ILE78  
THR79  
THR79  
THR79  
THR79  
THR79  
THR79  
THR79  
THR79  
ALA80  
ALA80  
ALA80  
ALA80  
ALA80  
ALA80  
ASP81  
ASP81  
ASP81  
ASP81  
ASP81  
ASP81  
ASP81  
ASP81  
ASP81  
THR82  
THR82  
THR82  
THR82  
THR82  
THR82  
THR82  
THR82

SER83  
SER83  
SER83  
SER83  
SER83  
SER83  
SER83  
SER84  
SER84  
SER84  
SER84  
SER84  
SER84  
SER84  
SER84  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
ASN85  
THR86  
THR86  
THR86  
THR86  
THR86  
THR86  
THR86  
THR86  
THR86  
ALA87  
ALA87  
ALA87  
ALA87  
ALA87  
TYR88  
TYR88





GLU97  
GLU97  
GLU97  
GLU97  
GLU97  
GLU97  
ASP98  
ASP98  
ASP98  
ASP98  
ASP98  
ASP98  
ASP98  
ASP98  
THR99  
THR99  
THR99  
THR99  
THR99  
THR99  
THR99  
THR99  
THR99  
THR99  
ALA100  
ALA100  
ALA100  
ALA100  
ALA100  
ALA100  
VAL101  
VAL101  
VAL101  
VAL101  
VAL101  
VAL101  
VAL101  
VAL101  
VAL101  
TYR102  
TYR102  
TYR102  
TYR102  
TYR102  
TYR102

TYR102  
TYR102  
TYR102  
TYR102  
TYR102  
TYR102  
TYR102  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
TYR103  
CYS104  
CYS104  
CYS104  
CYS104  
CYS104  
CYS104  
CYS104  
ALA105  
ALA105  
ALA105  
ALA105  
ALA105  
ALA105  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106

ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
ARG106  
GLY107  
GLY107  
GLY107  
GLY107  
GLY107  
VAL108  
VAL108  
VAL108  
VAL108  
VAL108  
VAL108  
VAL108  
VAL108  
VAL108  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
PHE109  
GLY113  
GLY113  
GLY113  
GLY113  
GLY113  
PHE114  
PHE114  
PHE114  
PHE114  
PHE114





TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
TRP118  
GLY119  
GLY119  
GLY119  
GLY119  
GLY119  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLN120  
GLY121  
GLY121  
GLY121  
GLY121  
GLY121  
THR122  
THR122  
THR122  
THR122  
THR122  
THR122  
THR122  
THR122  
THR122

THR123  
THR123  
THR123  
THR123  
THR123  
THR123  
THR123  
THR123  
LEU124  
LEU124  
LEU124  
LEU124  
LEU124  
LEU124  
LEU124  
LEU124  
LEU124  
THR125  
THR125  
THR125  
THR125  
THR125  
THR125  
THR125  
THR125  
THR125  
VAL126  
VAL126  
VAL126  
VAL126  
VAL126  
VAL126  
VAL126  
VAL126  
VAL126  
SER127  
SER127  
SER127  
SER127  
SER127  
SER127  
SER127  
SER127  
SER128

SER128  
SER128  
SER128  
SER128  
SER128  
SER128  
SER128  
SER128