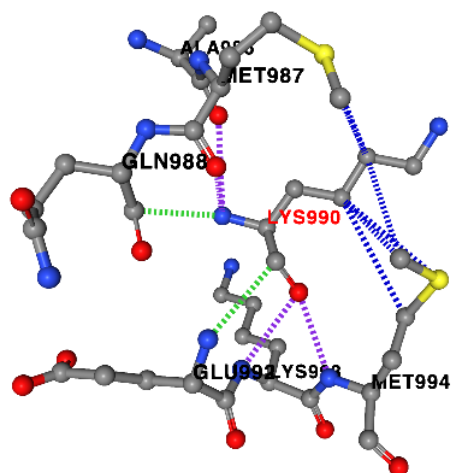
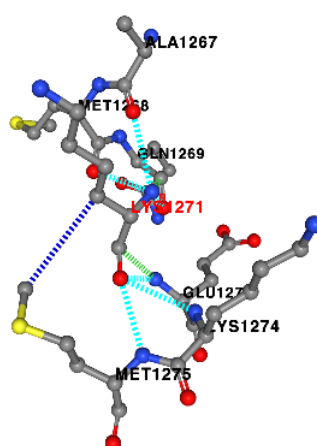


Supplementary Dataset S7. Non-covalent interactions for critical interaction residues of nsp8.

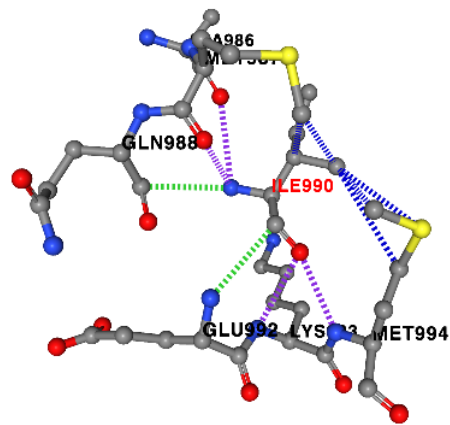
K58 B-chain (WT):



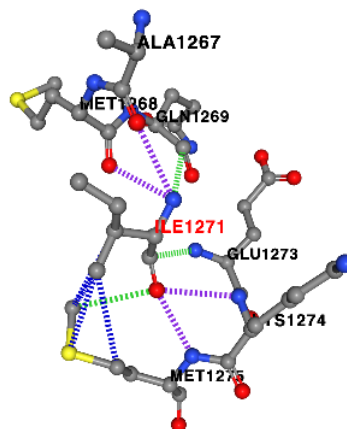
K58 D-chain (WT):



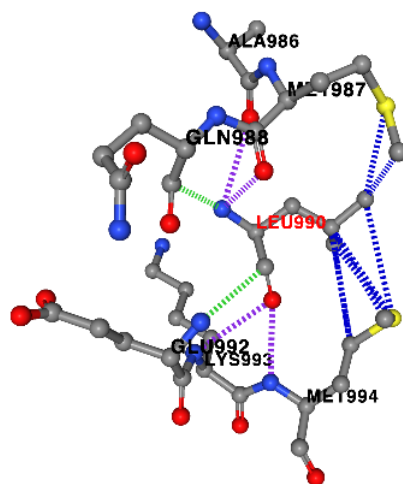
K58I B-chain



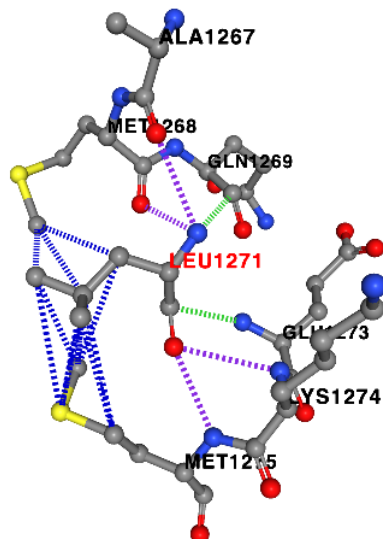
K58I D-chain



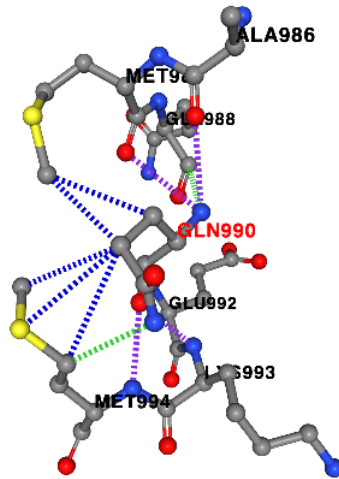
K58L B-chain:



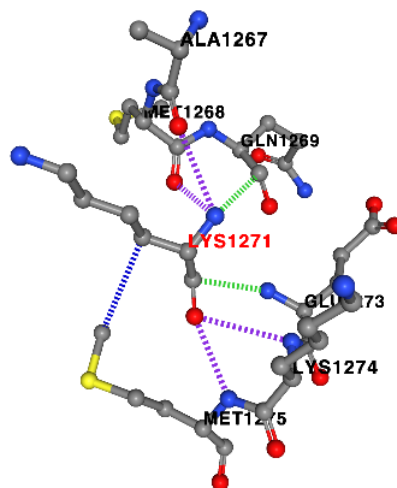
K58L D-chain:



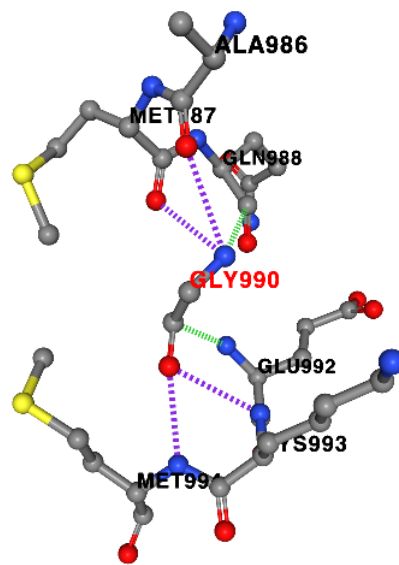
K58Q B-chain:



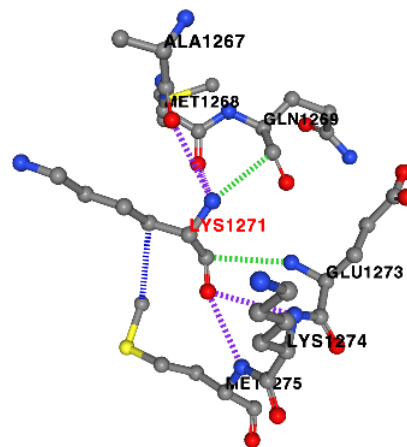
K58Q D-chain:



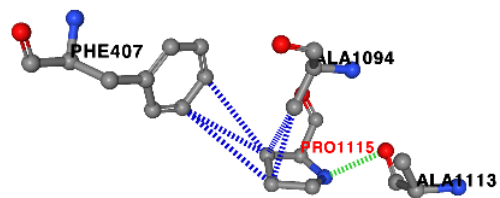
K58G B-chain:



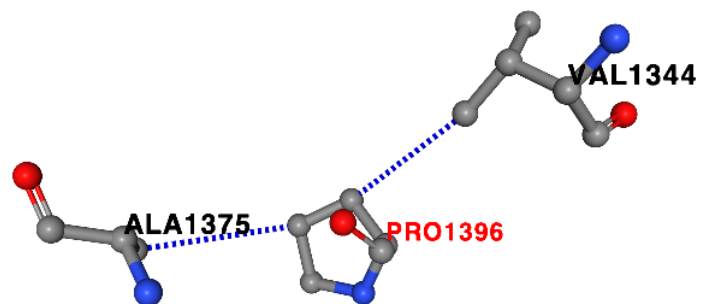
K58G D-chain:



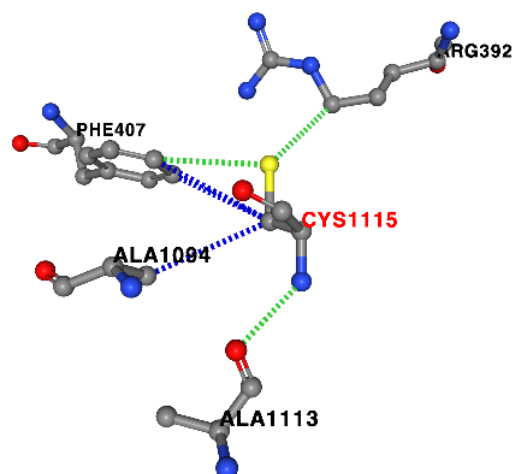
P183 B-chain (WT):



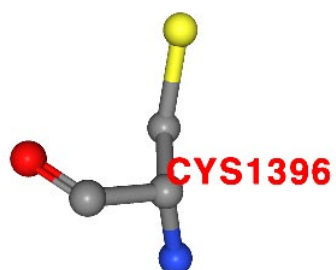
P183 D-chain (WT):



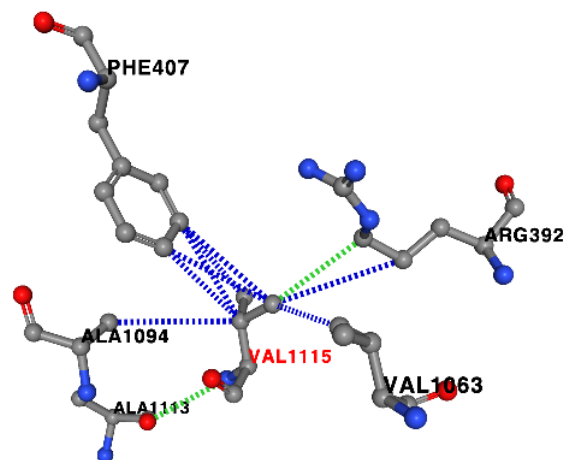
P183C B-chain:



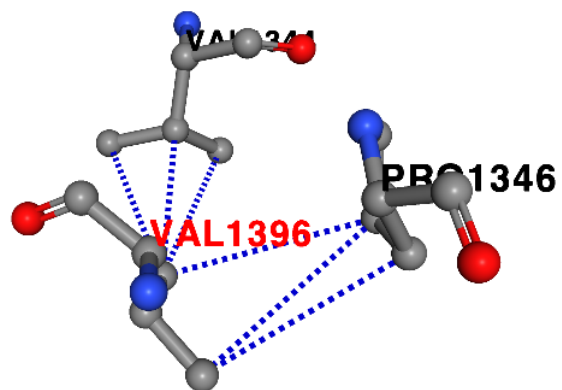
P183C D-chain:



P183V B-chain:

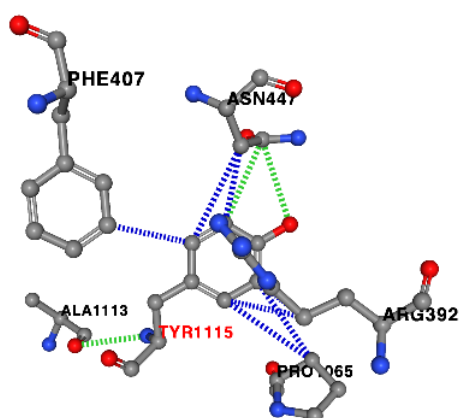


P183V D-chain:

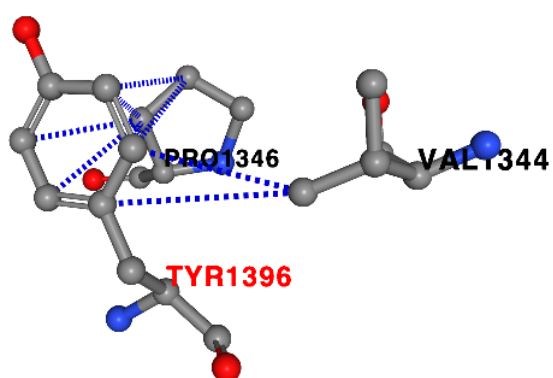


P183Y B-chain:

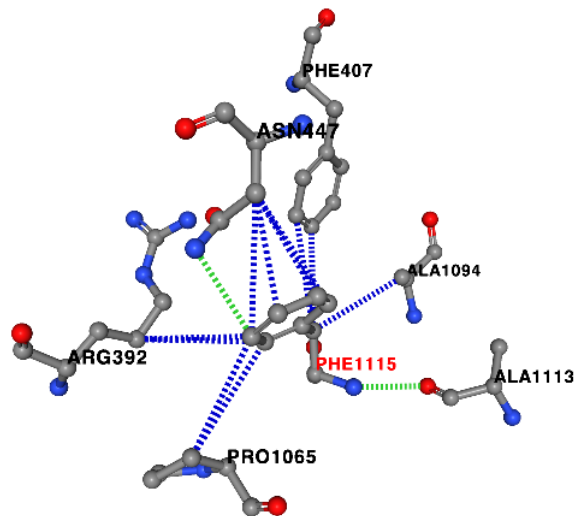




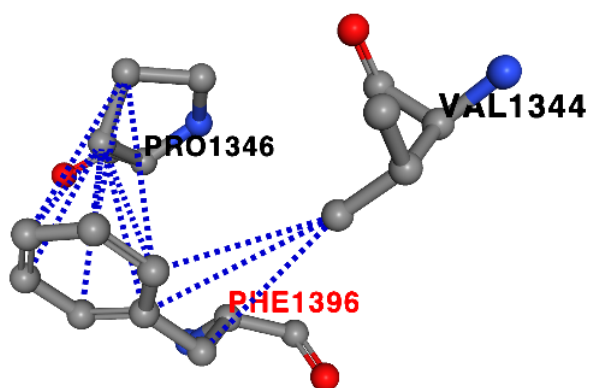
P183Y D-chain:



P183F B-chain:

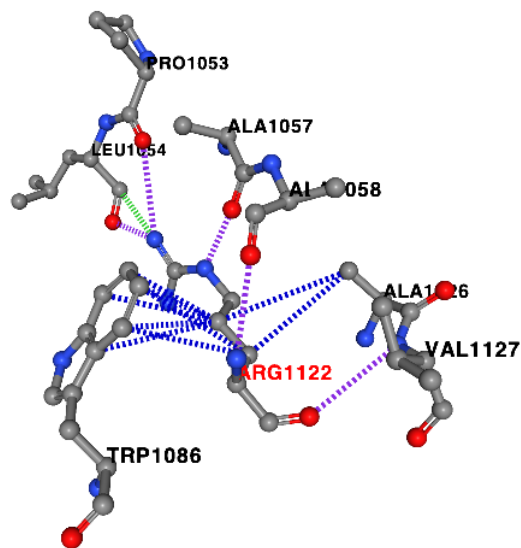


P183F D-chain:

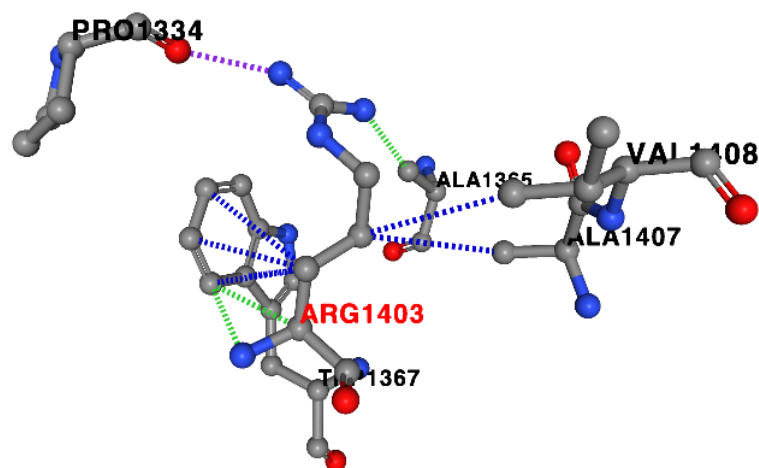


R190

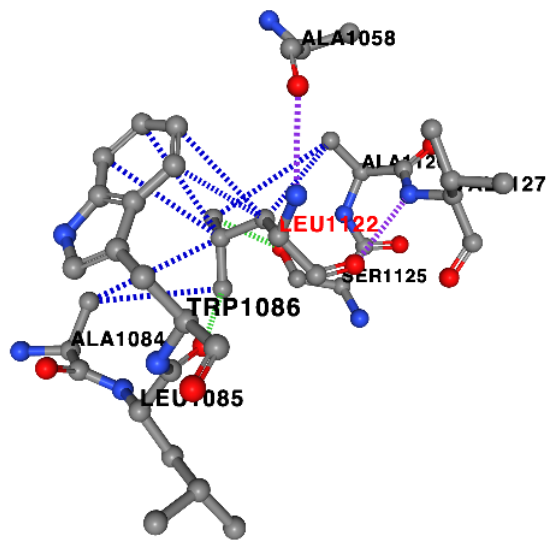
R190 B-chain (WT):



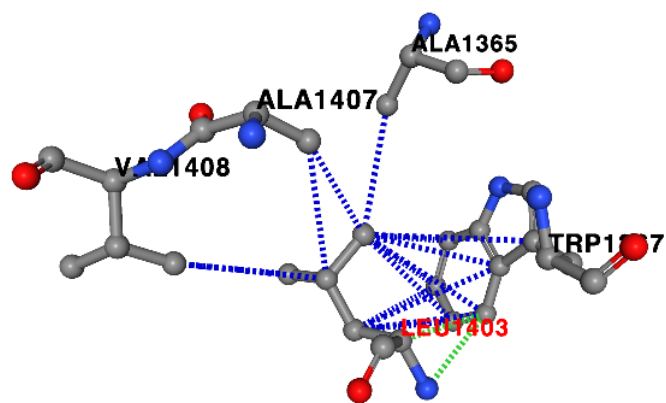
R190 D-chain (WT):



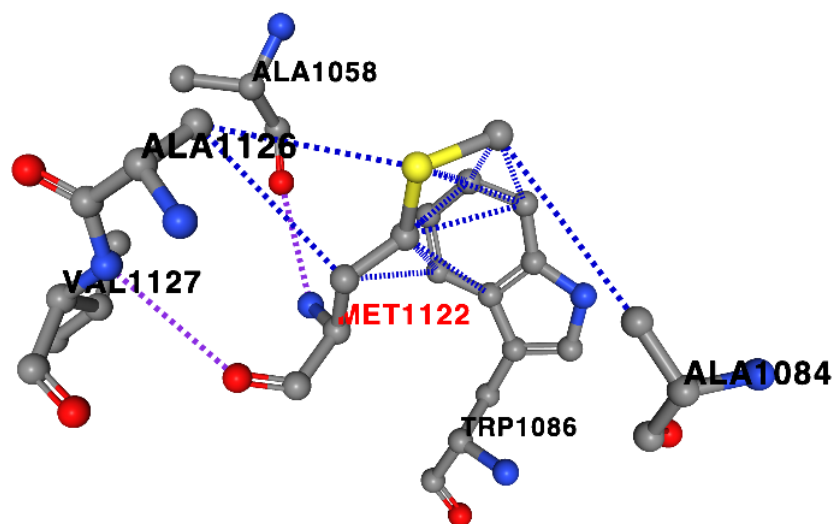
R190L B-chain:



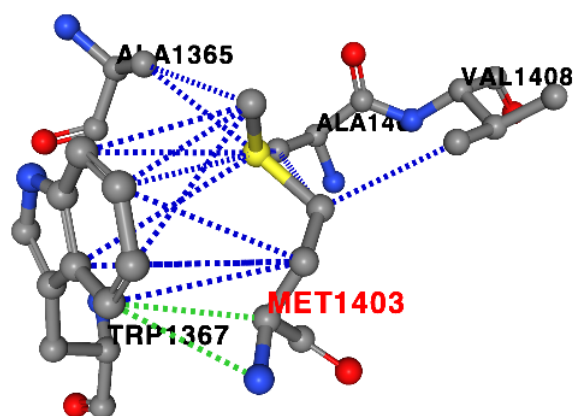
R190L D-chain:



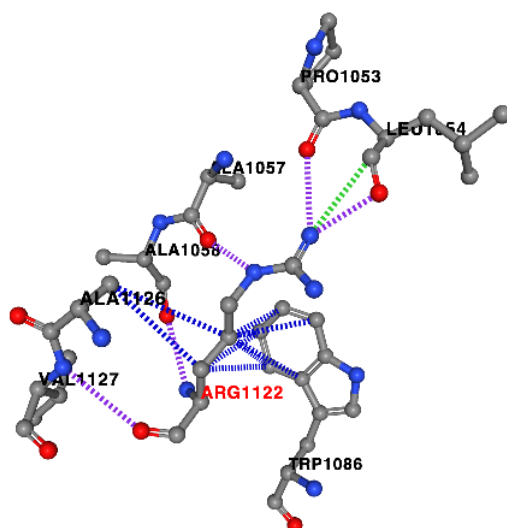
R190M B-chain:



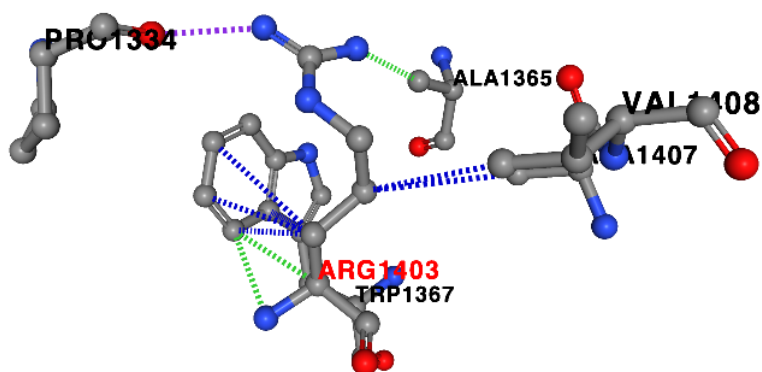
R190M D-chain:



R190S B-chain:



R190S D-chain:



Legend:

Hydrogen Bond

Hydrophobic

Aromatic

Carbonyl

Polar

Clash

Ionic

VDW