



Original blot image for S6 Fig.

Lanes 1-7 are shown in the final supplemental figure.

The final image was captured with an Azure Sapphire Imager.

Description of experimental sample in each lane:

Lane 1 = Molecular weight ladder. Molecular weights for each band are labeled to the left of the blot.

Lane 2 = Wildtype PilJ::6xHis protein from *P. aeruginosa* PA14 wildtype.

Lane 3 = Wildtype PilJ::6xHis protein from *P. aeruginosa* PA14 Δ *chpB*.

Lane 4 = Wildtype PilJ::6xHis protein from *P. aeruginosa* PA14 Δ *pilK*.

Lane 5 = PilJ_{Q412A, E413A}::6xHis protein from *P. aeruginosa* PA14 *pilJ*_{Q412A, E413A}.

Lane 6 = PilJ_{ΔLBD1-2}::6xHis protein from *P. aeruginosa* PA14 *pilJ*_{ΔLBD1-2}.

Lane 7 = Wildtype PilJ protein (untagged) from *P. aeruginosa* PA14 wildtype.

Lanes labeled with "X" were not included in the final figure.

The band for full length PilJ is around 75 kDa in lanes 2-5. The band for PilJ_{ΔLBD1-2} is around 46 kDa in lane 6.

The band around 65 kDa in lanes 2-7 is the loading control.