Preparation of samples to run SDS of CCH2, NIC C, D, E, F and X:

Materials Needed:
20mM (+80mM NaCl) MOPS Buffer
7M Urea Buffer
1.5 mL Eppendorf Tubes
Pipets
Vortex
Centrifuge
Sonicator

Protocol:

1) Re-suspend a cell pellet in 800 µL of 20mM MOPS buffer.
2) Sonicate the resuspended cell pellet at 1W for 10 seconds. Let the sample rest one minute.
3) Sonicate the sample again following step 2 four times.
4) Centrifuge the 1.5 mL Eppendorf tube at 4^{o}C at 15000 rpm for 20 minutes.
5) Transfer the supernatant into a new 1.5mL Eppendorf tube and label soluble fraction.
6) Resuspend the remaining newly formed cell pellet in 800 µL of 7M Urea buffer.
7) Repeat step 4.
8) Transfer the supernatant into a new 1.5 mL Eppendorf tube and label insoluble fraction.
9) Add SDS dye to the samples according to the dilution required.
10) Run on the SDS gel.