Recommendations For Gel Band-based Protein Identification By The HICCC Proteomics Shared Resource

1. Use commercially available SDS-PAGE instead of home-made SDS-PAGE.

2. Coomassie staining instead of silver staining if possible (contact the director if coomassie staining is not possible).

3. Stain the gel in a “clean” container (e.g. never exposed to BSA, milk, or other protein) and destain the gel with milliQ water if you use commercial coomassie staining solutions (please read the manufacture instruction).

4. Wear gloves the entire time of handling the samples.

5. Take a digital image of the gel indicating the band(s) to cut. Provide a printed copy with the gel submission and a digital file to the director via email.

6. Make an appointment to bring the gel over in a covered container with milliQ H₂O.

7. If you want to cut the gel band yourself, store the gel piece(s) at 4°C and be aware that you will be billed regardless of the result.