



Supplemental Figure 1. A Coomassie-stained SDS-PAGE gel demonstrates that many yeast proteins are present in the mixture resulting from yeast reaction with MESNA or hydrazine azide. These yeast proteins may be the result of protein released from the yeast surface by the nucleophiles or protein secreted from the yeast during the course of the reaction. The intense protein band at ~64 kDa represents BSA that acts as a carrier protein in all release reactions.