nanomaterials

MDPI

Supporting Information

Influence of Sterilization and Preservation Procedures on the Integrity of Serum Protein Coated Magnetic Nanoparticles

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Figures S-1 to S-6: Original SDS-Polyacrylamide gels and false-colour images

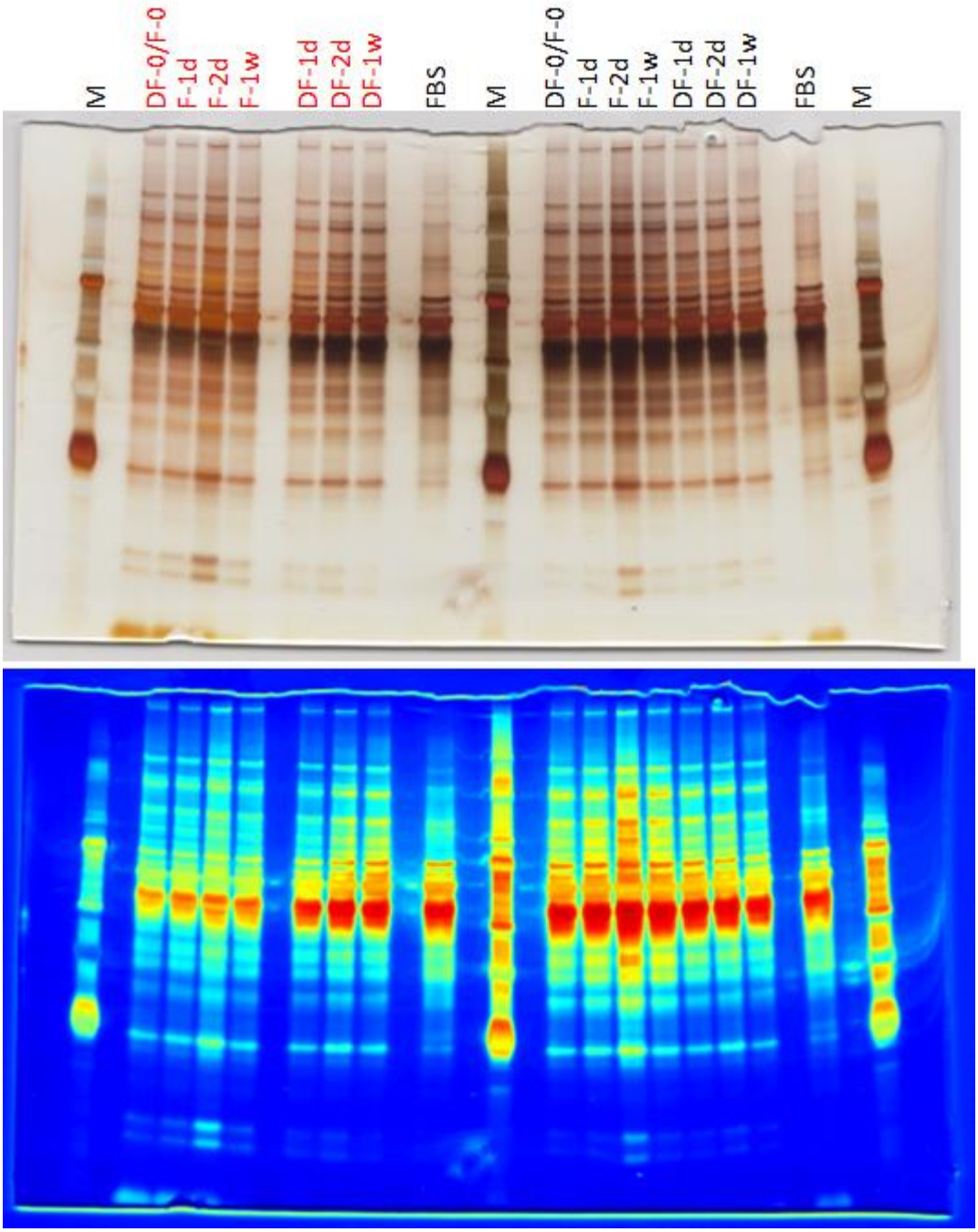

Figure S-1: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing the protein patterns shown in Figure 1 (Freezing (F-) of protein-coated nanoparticles) and Figure 2 (Deep-freezing (DF-) of protein-coated nanoparticles). The relevant lines are highlighted in red.

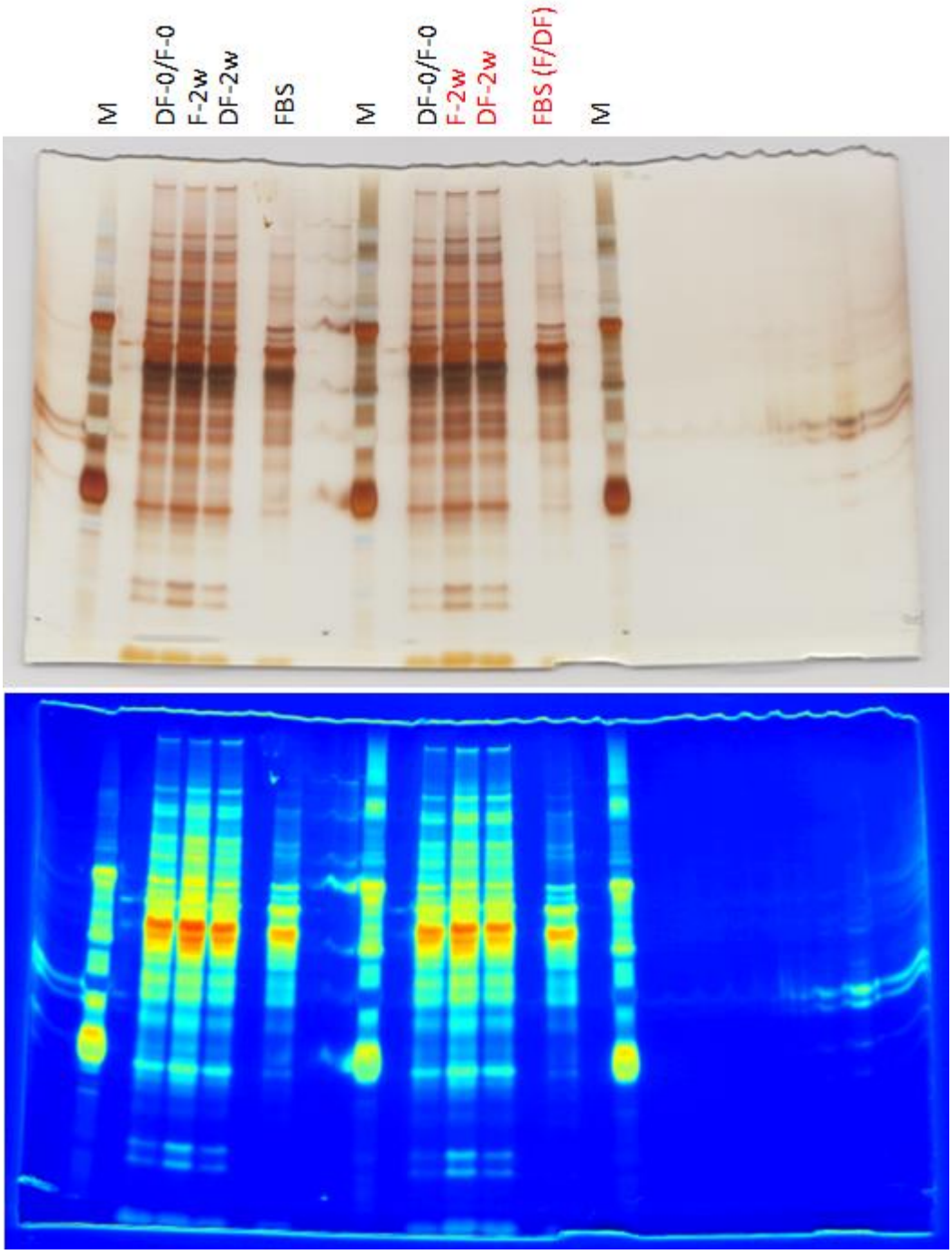

Figure S-2: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing protein patterns shown in Figure 1 (Freezing (F-) of protein-coated nanoparticles) and Figure 2 (Deep-freezing (DF-) of protein-coated nanoparticles). The relevant lines are highlighted in red.

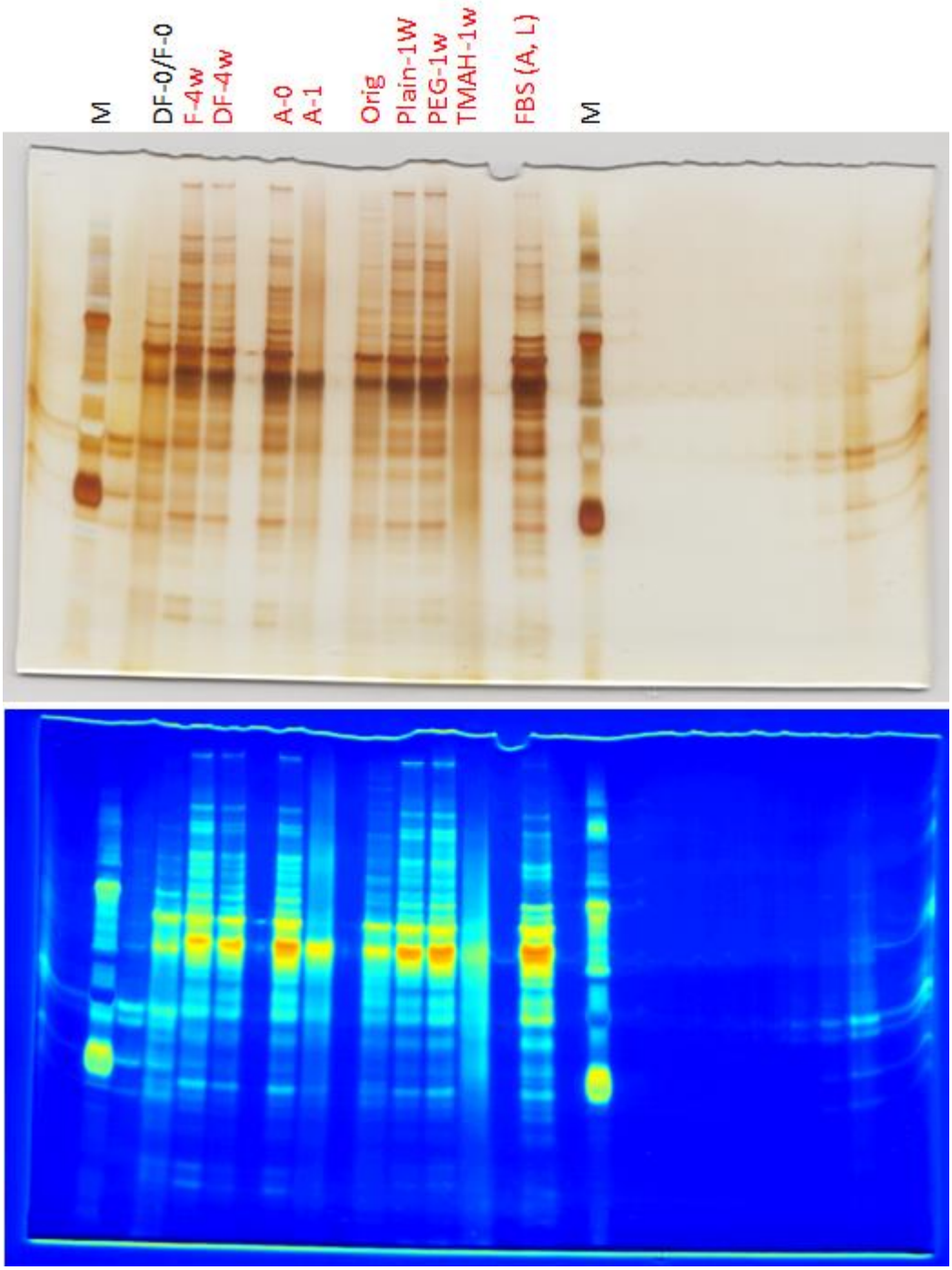

Figure S-3: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing the protein patterns shown in Figure 1 (Freezing (F-) of protein-coated nanoparticles), Figure 2 (Deep-freezing (DF-) of protein-coated nanoparticles), Figure 3 (Lyophilization of protein-coated nanoparticles) and Figure 4 (Autoclaving of protein-coated nanoparticles). The relevant lines are highlighted in red.

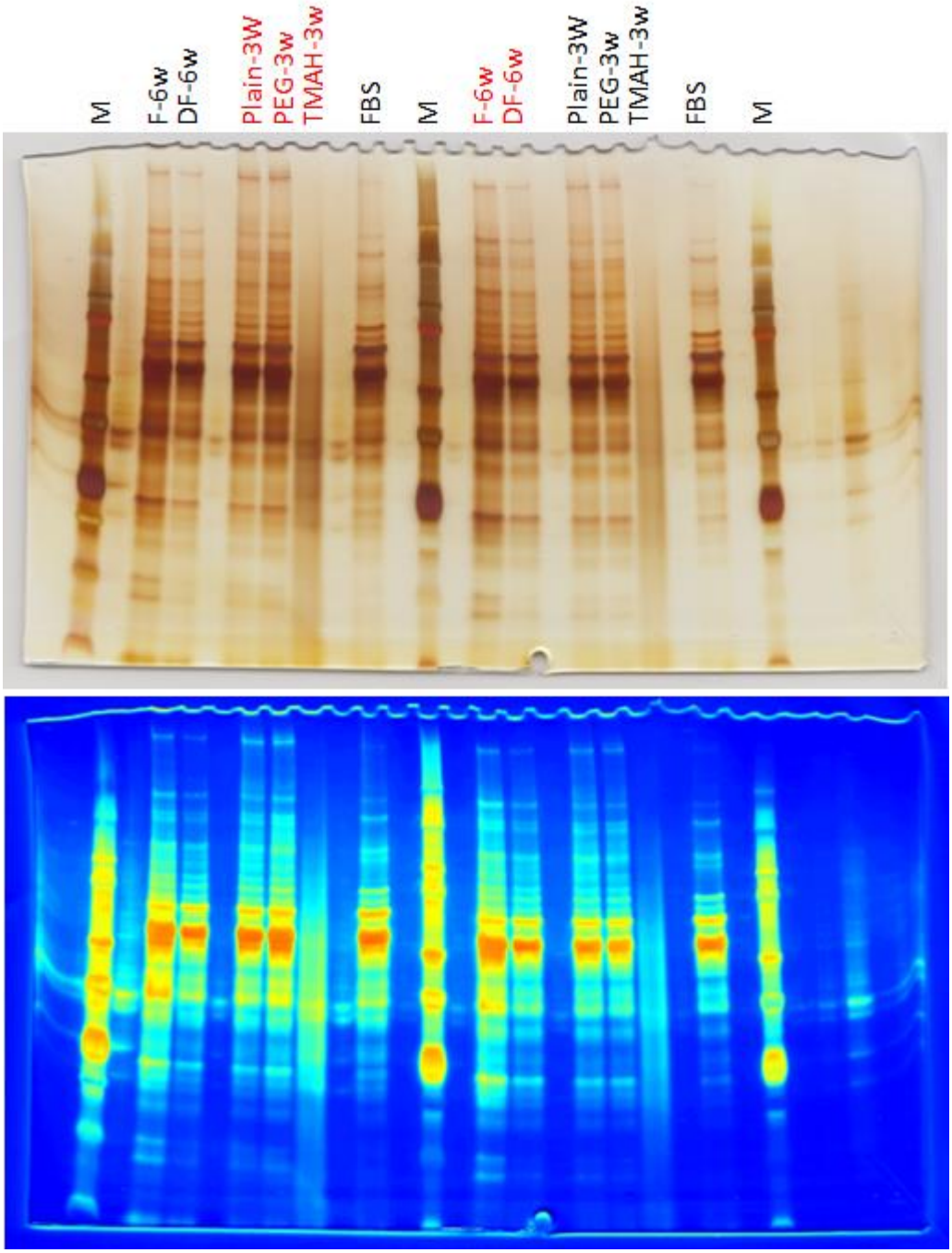

Figure S-4: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing the protein patterns shown in Figure 1 (Freezing (F-) of protein-coated nanoparticles), Figure 2 (Deep-freezing (DF-) of protein-coated nanoparticles) and Figure 3 (Lyophilization of protein-coated nanoparticles). The relevant lines are highlighted in red.

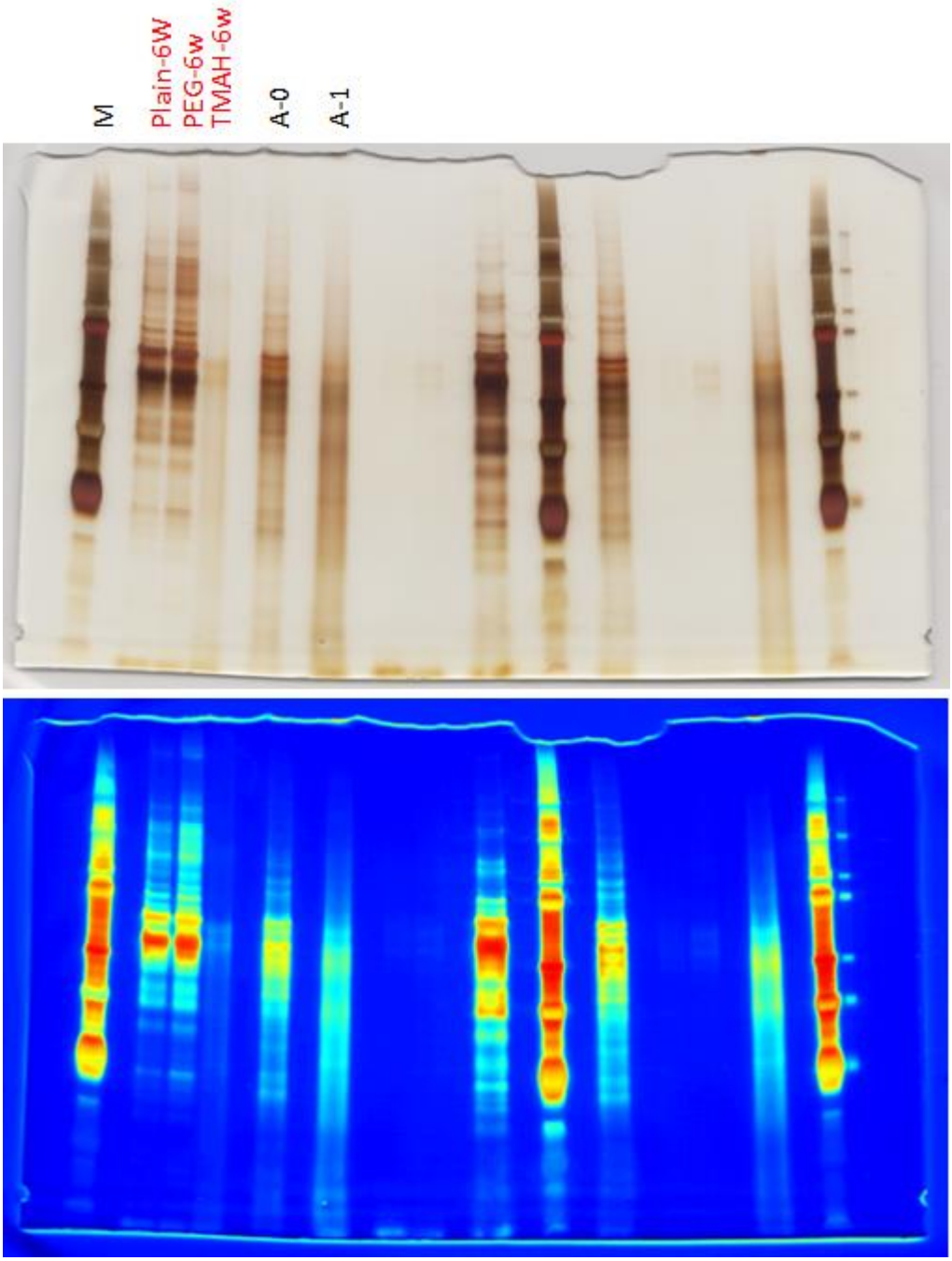

Figure S-5: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing the protein patterns shown in Figure 3 (Lyophilization of protein-coated nanoparticles). The relevant lines are highlighted in red.

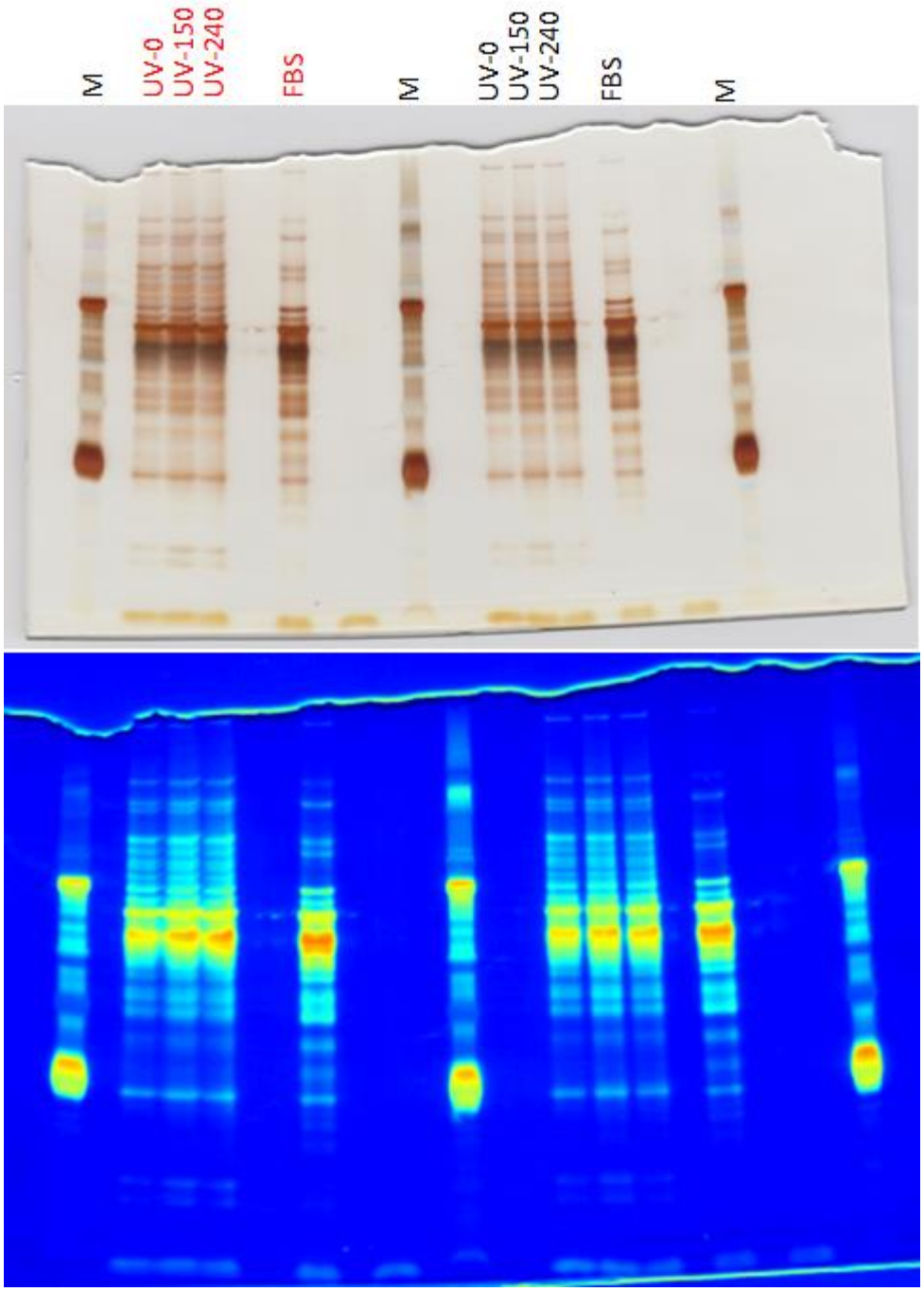

Figure S-6: Original silver-stained SDS-Polyacrylamide gel and false-colour image representing the protein patterns shown in Figure Figure 5 (UV-sterilization of protein-coated nanoparticles). The relevant lines are highlighted in red.