

Nanoparticle-Protein Corona Enhances Accuracy of Ca-19.9-Based Pancreatic Cancer Classification

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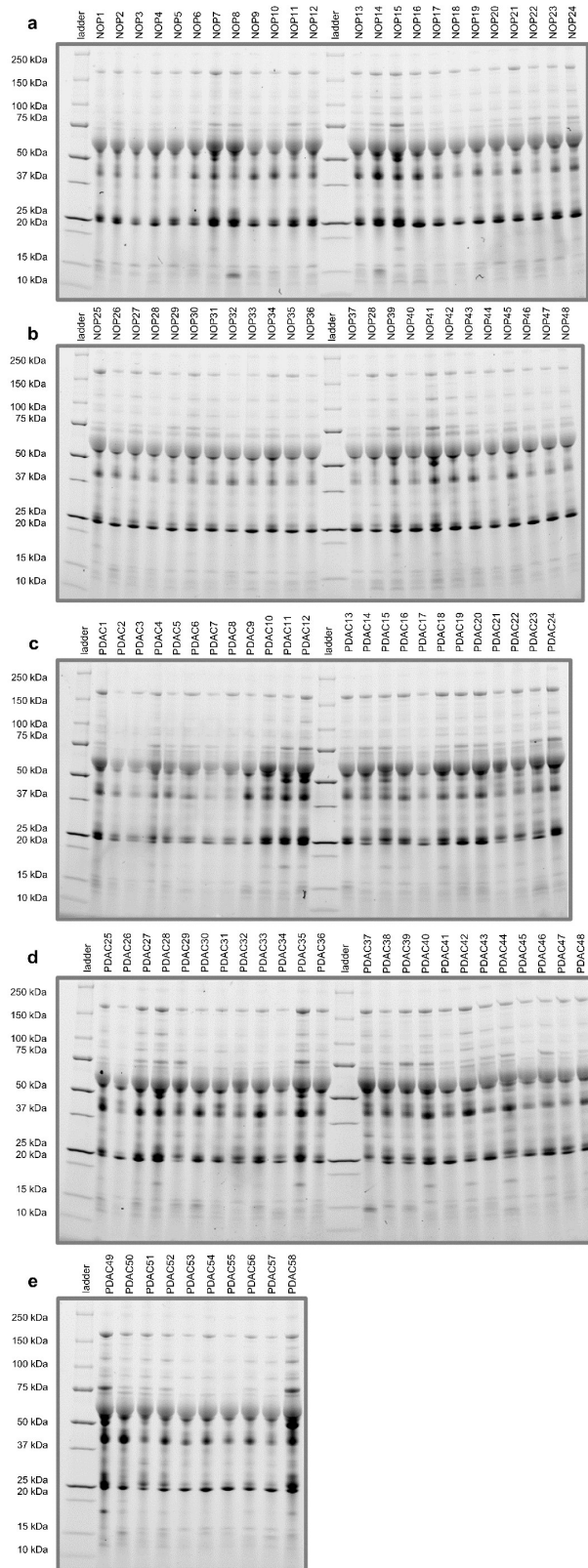


Figure S1. Gel images acquired in this study. Lanes were loaded with (a, b) NOP samples, and (c-e) PDAC samples. Labels above each lane indicate the individual samples.

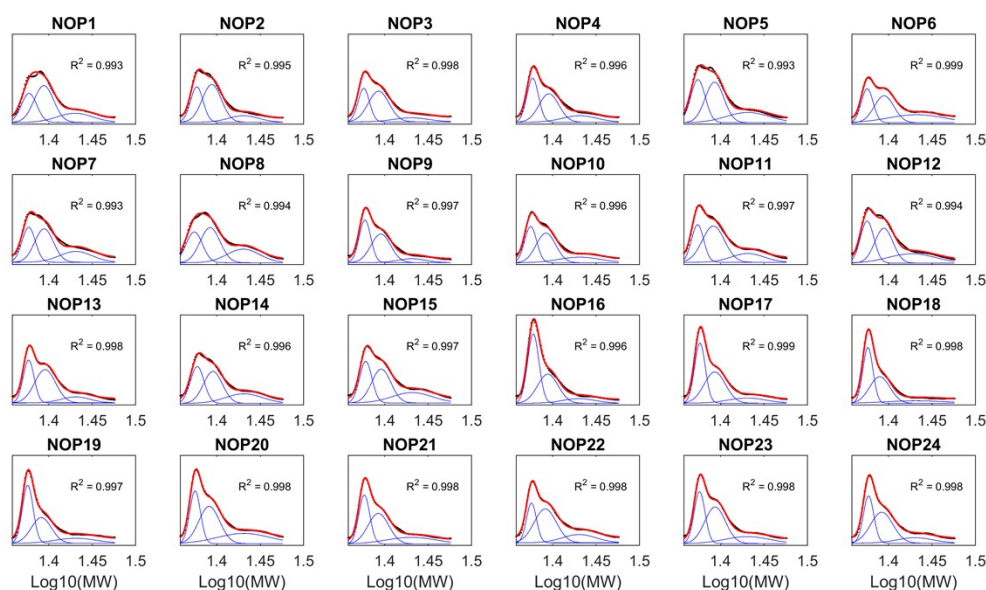


Figure S2. Output of fitting curve computations for the samples loaded in the gel shown in Fig. S1 a. Experimental 1D profiles are shown in black, fitting curves in red, and individual Gaussian functions in blue. The coefficient of determination (R^2) is displayed within each graph.

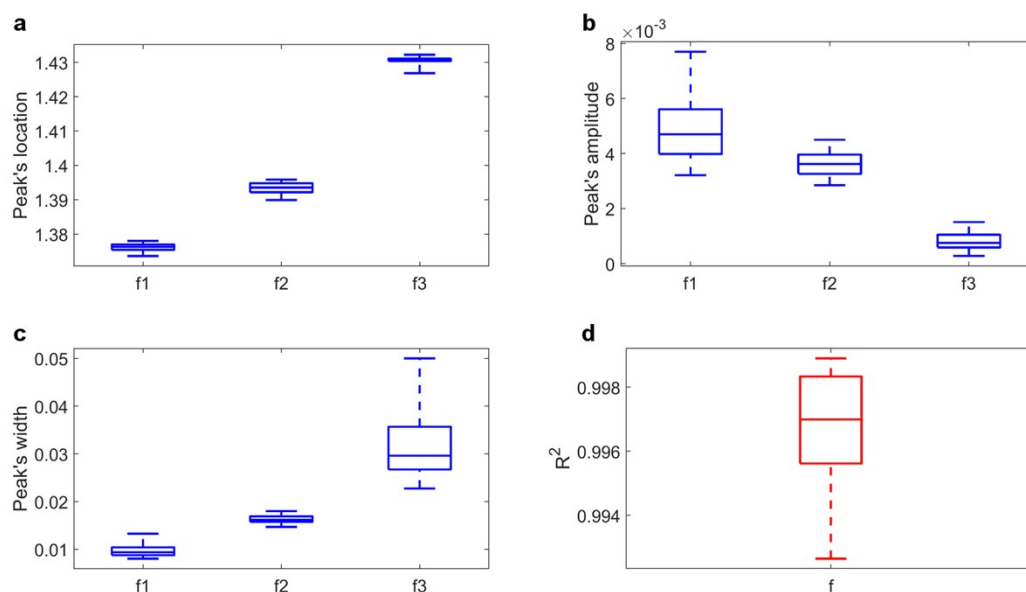


Figure S3. Output of fitting curve computations and corresponding parameters for the three distinct Gaussian functions. (a) Peak's locations, (b) peak's amplitudes, (c) peak's width, and (d) fitting coefficient of determination R^2 , computed for the gel shown in Fig. S1 a.

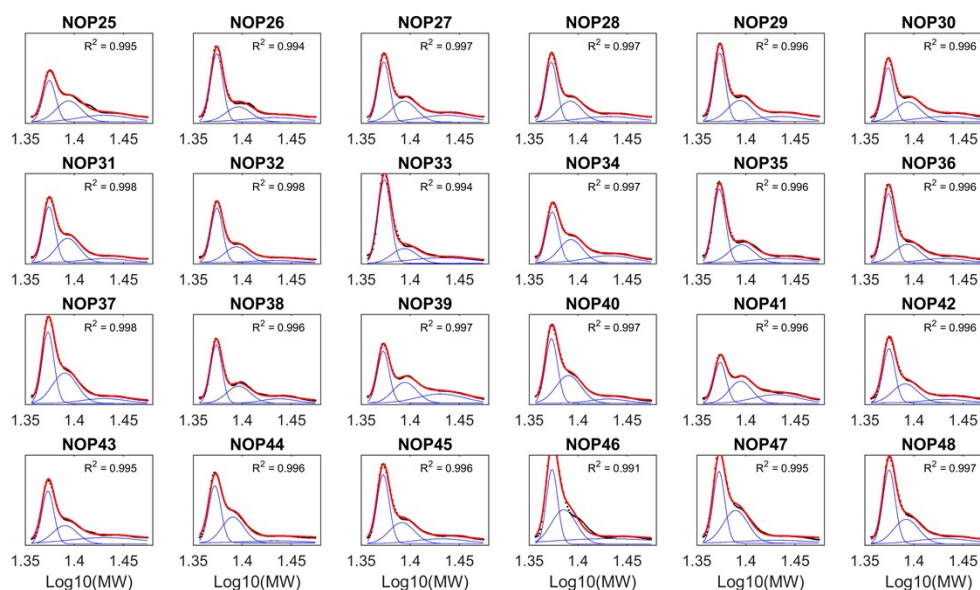


Figure S4. Output of fitting curve computations for the samples loaded in the gel shown in Fig. S1 b. Experimental 1D profiles are shown in black, fitting curves in red, and individual Gaussian functions in blue. The coefficient of determination (R^2) is displayed within each graph.

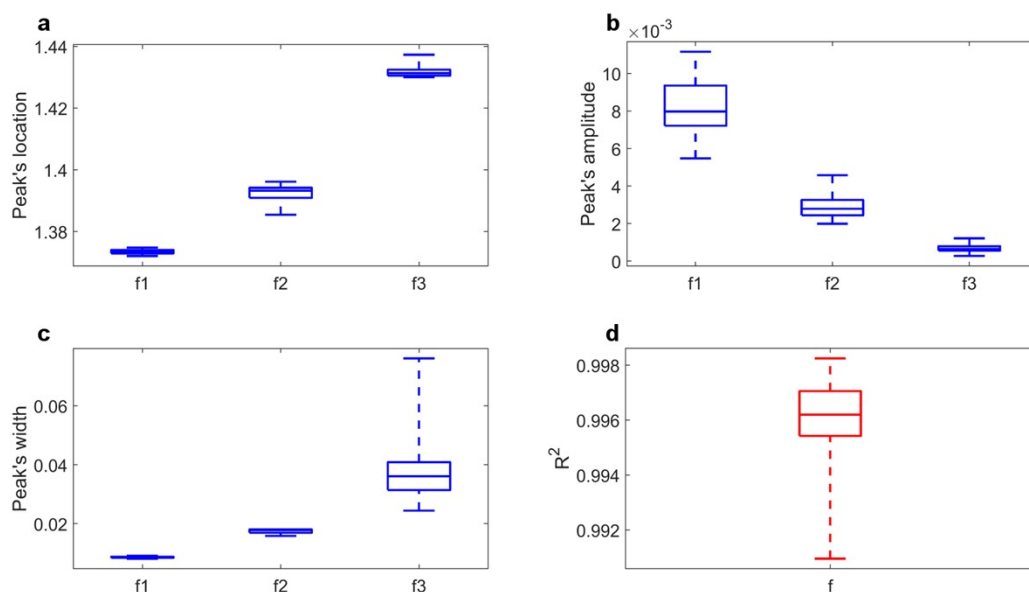


Figure S5. Output of fitting curve computations and corresponding parameters for the three distinct Gaussian functions. (a) Peak's locations, (b) peak's amplitudes, (c) peak's width, and (d) fitting coefficient of determination R^2 , computed for the gel shown in Fig. S1 b.

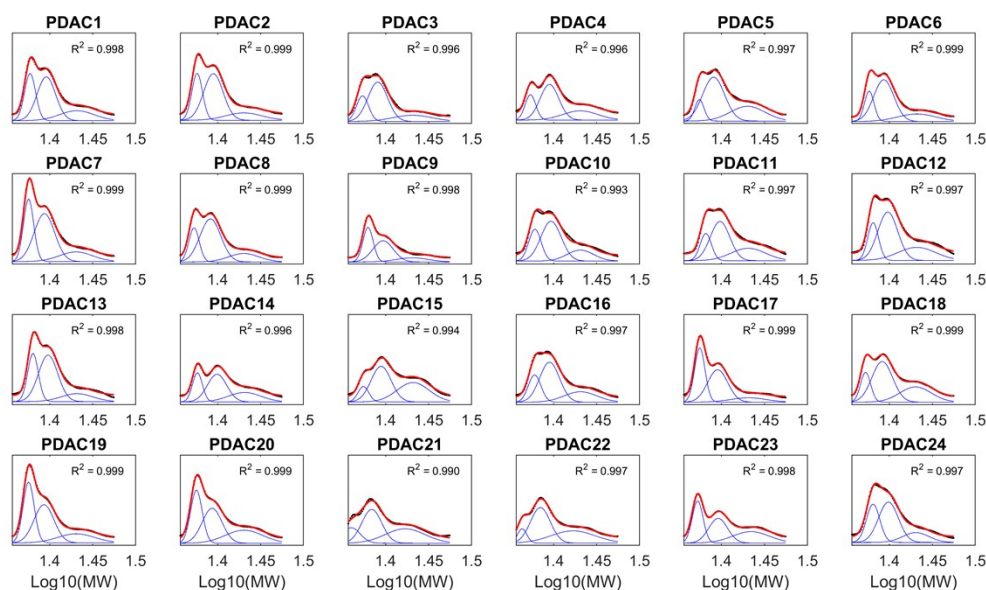


Figure S6. Output of fitting curve computations for the samples loaded in the gel shown in Fig. S1 c. Experimental 1D profiles are shown in black, fitting curves in red, and individual Gaussian functions in blue. The coefficient of determination (R^2) is displayed within each graph.

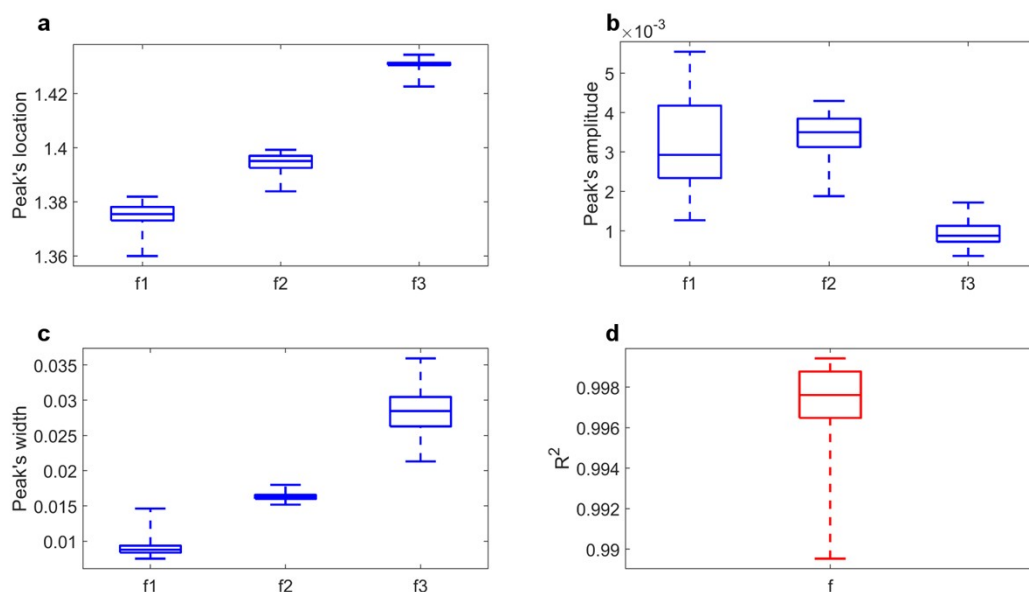


Figure S7. Output of fitting curve computations and corresponding parameters for the three distinct Gaussian functions. (a) Peak's locations, (b) peak's amplitudes, (c) peak's width, and (d) fitting coefficient of determination R^2 , computed for the gel shown in Fig. S1 c.

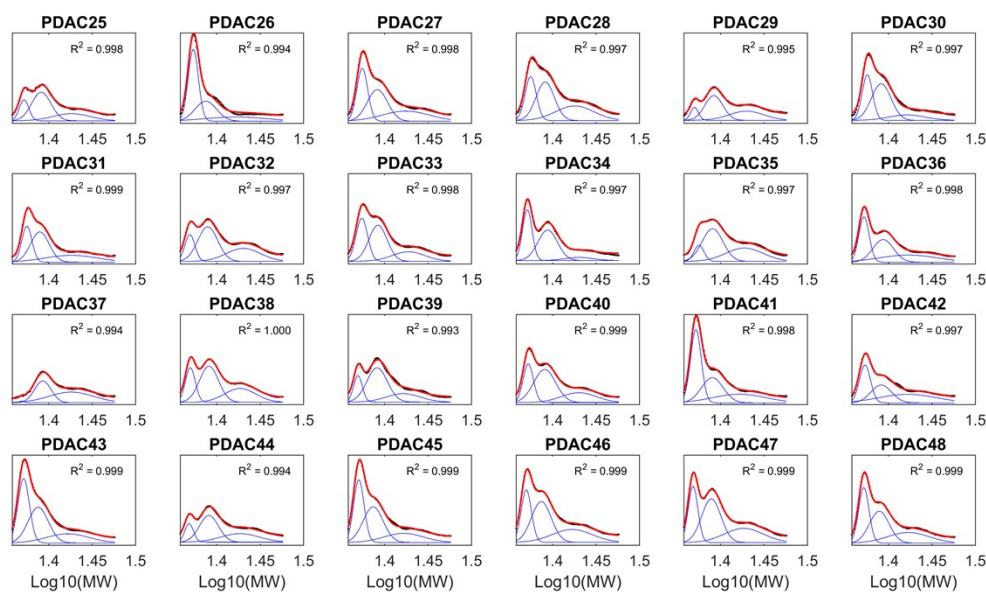


Figure S8. Output of fitting curve computations for the samples loaded in the gel shown in Fig. S1 d. Experimental 1D profiles are shown in black, fitting curves in red, and individual Gaussian functions in blue. The coefficient of determination (R^2) is displayed within each graph.

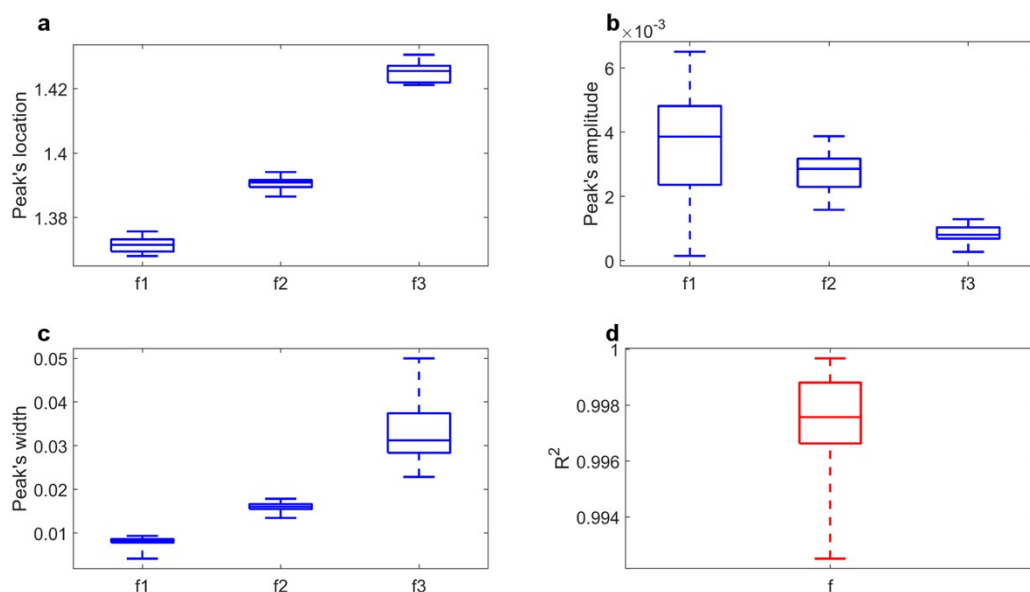


Figure S9. Output of fitting curve computations and corresponding parameters for the three distinct Gaussian functions. (a) Peak's locations, (b) peak's amplitudes, (c) peak's width, and (d) fitting coefficient of determination R^2 , computed for the gel shown in Fig. S1 d.

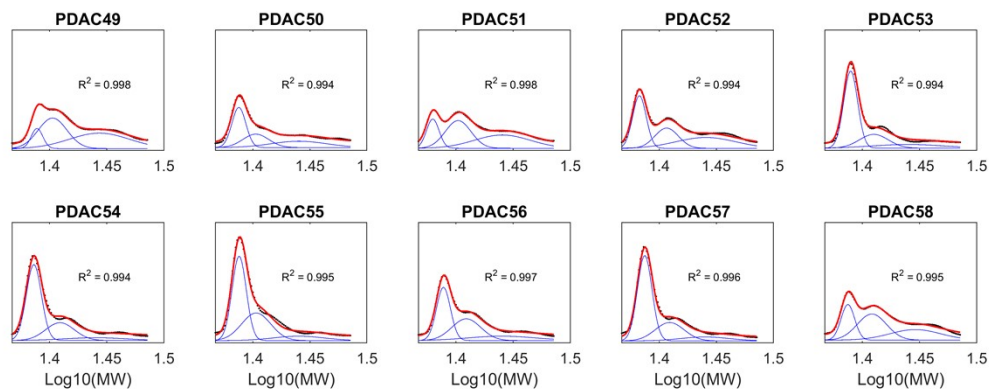


Figure S10. Output of fitting curve computations for the samples loaded in the gel shown in Fig. S1 e. Experimental 1D profiles are shown in black, fitting curves in red, and individual Gaussian functions in blue. The coefficient of determination (R^2) is displayed within each graph.

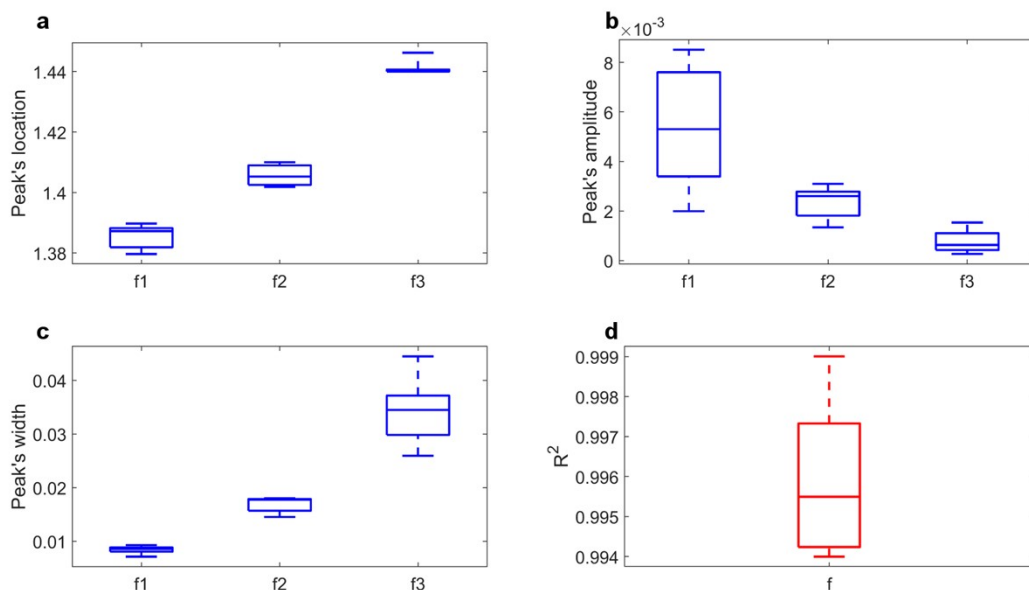


Figure S11. Output of fitting curve computations and corresponding parameters for the three distinct Gaussian functions. (a) Peak's locations, (b) peak's amplitudes, (c) peak's width, and (d) fitting coefficient of determination R^2 , computed for the gel shown in Fig. S1 e.