

Supplementary information

Figures

Suppl. Figure S1: iTRAQ sample preparation and analysis. Flow chart describes the workflow for the iTRAQ approach.

Suppl. Figure S2: Peptide distribution per protein for a subset of hits. Predicted protein orientation and peptide mapping for these hits is shown.

Suppl. Figure S3: Complete Western blot data. Entire Western blot membranes for the data in 6A are shown.

Suppl. Figure S4. 3D surface plot of Pf3D7_1310500 (green) and PfSBP1 (red) in untreated pRBCs (**A**), or pRBCs treated with trypsin (**B**), showing the pRBC surface (Spectrum LUT), and the specific protein localization (original colors). Scale for the x/y axis was 0.86, while scale for the z-axis was 0.97.

Tables

Suppl. Table S1: Peptide report from pRBC membrane proteomics against the Pf3D7 and Pf2004 database.

Suppl. Table S2: Protein report from pRBC membrane proteomics against the Pf3D7 and Pf2004 database.

Suppl. Table S3: Significant hits from pRBC membrane proteomics.

Suppl. Tables S4,S5: Peptide report from supernatant proteomics against the Pf3D7 and Pf2004 databases, respectively.

Suppl. Tables S6,S7: Protein report from supernatant proteomics against the Pf3D7 and Pf2004 databases, respectively.

Suppl. Table S8: Quantitative protein data from PEXEL search.

Suppl. Tables S9, S10: All significant hits from quantitative protein data against Pf3D7 and Pf2004 databases.

Suppl. Table S11: Significant hits from quantitative proteomics enriched in pRBC supernatant.

Figure S1

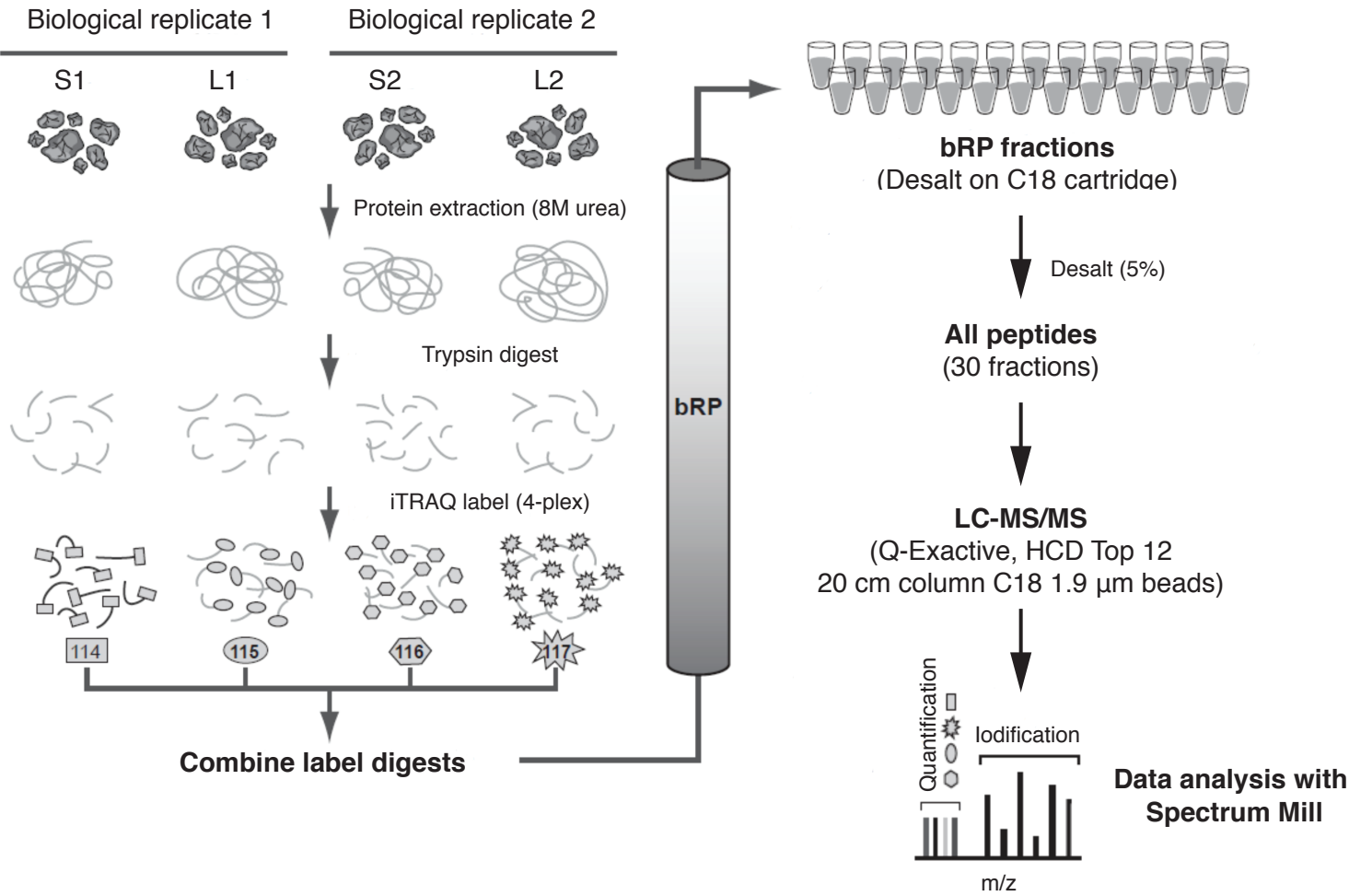


Figure S2

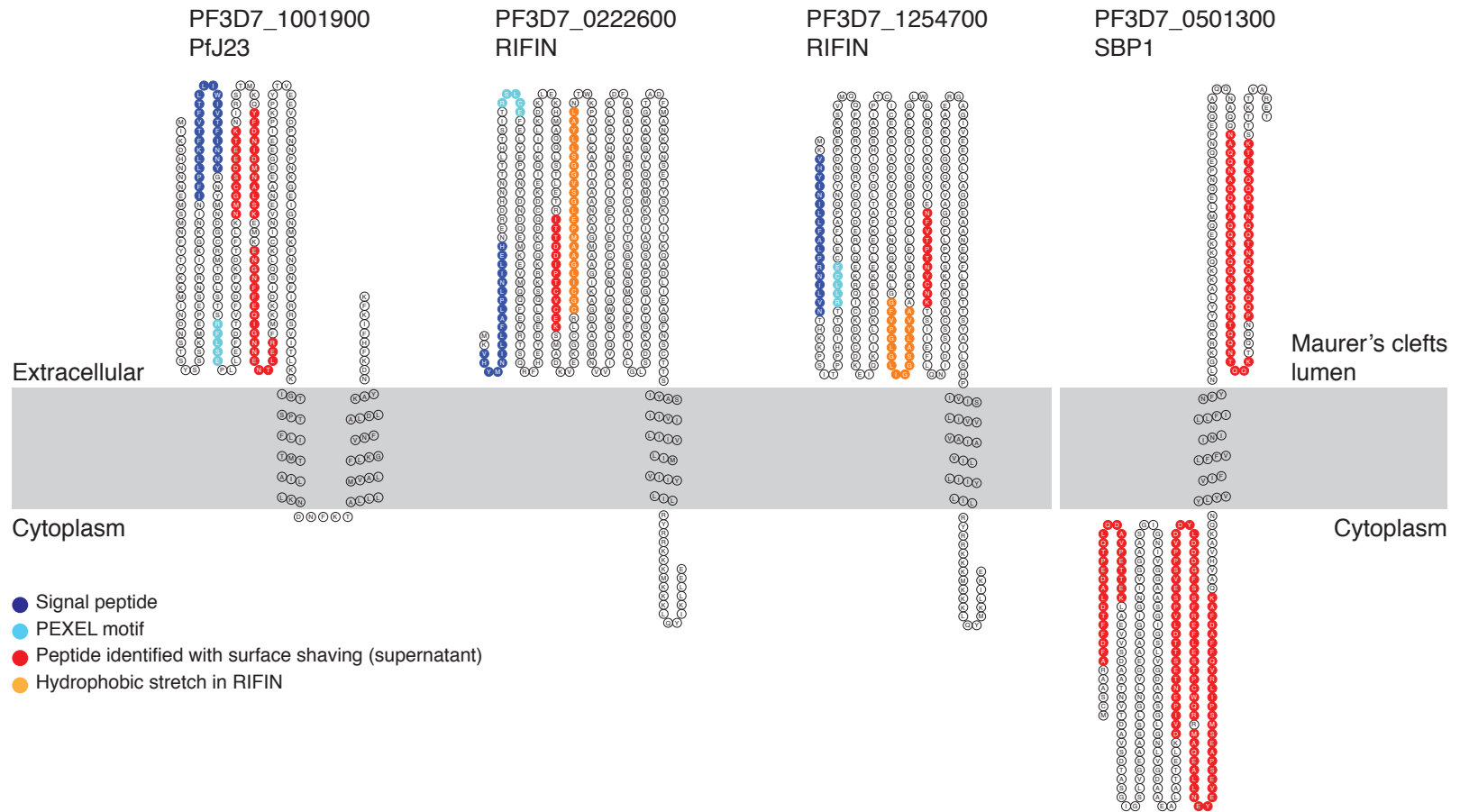


Figure S3

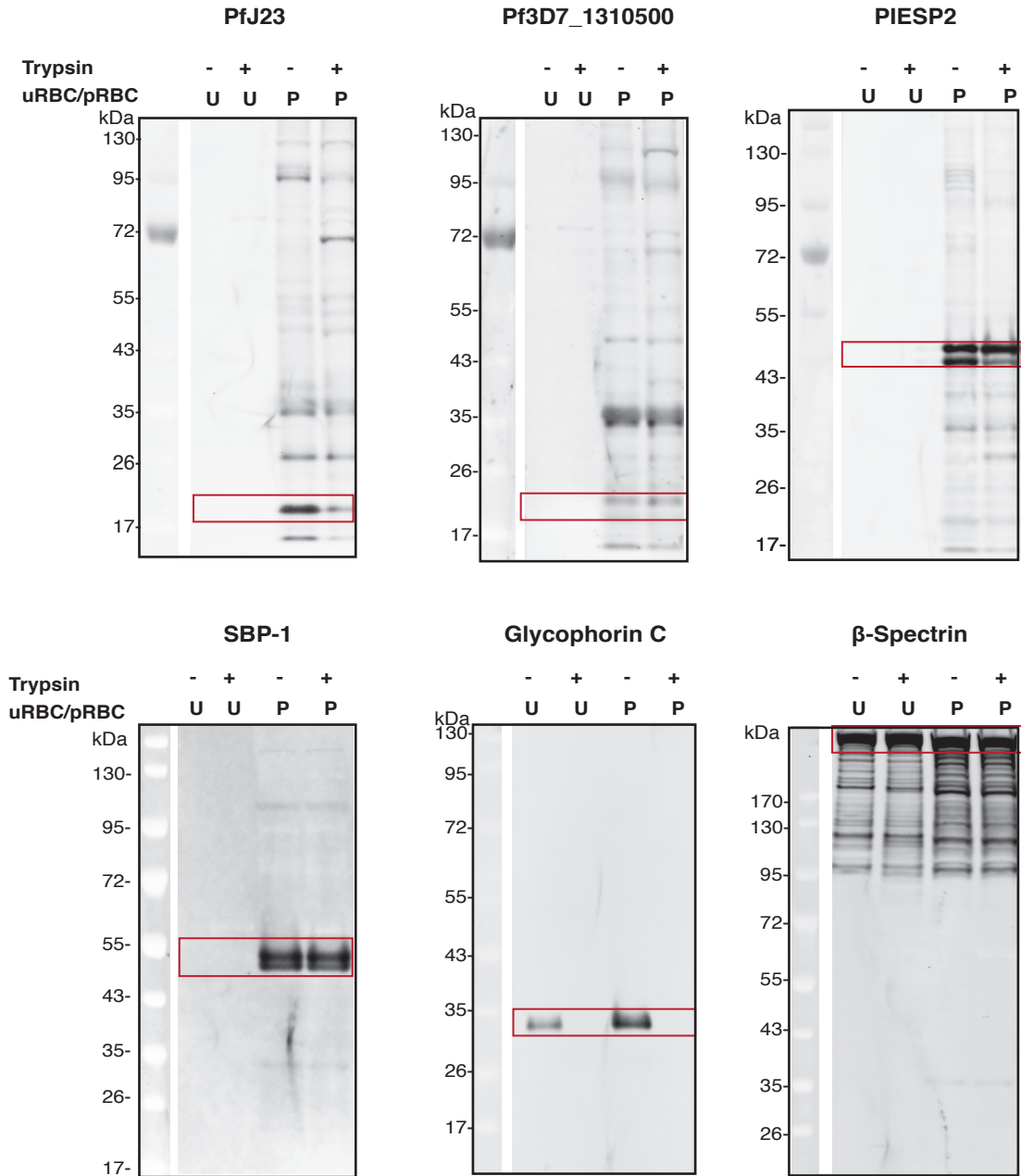
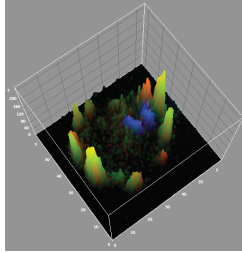


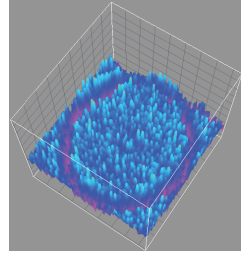
Figure S4

A

Pf3D7_1310500



SBP1/A488



iRBCs

B

