

## SUPPLEMENTARY MATERIALS

Skvortsov, V.S., Rybina, A.V. (2022) The filtration of 2D electrophoresis data in procedure of creation of learning set for prediction of the value of the isoelectric point of proteins, Biomedical Chemistry: Research and Methods, 5[1], e00162. DOI: 10.18097/BMCRM00162

Description of figures:

- A. 2D electrophoresis map from World-2DPAGE Repository ID.
- B. The comparison of assigned pI values and coordinates along the abscissa axis on the 2D electrophoretic map.
- C. The comparison of predicted pI values (Bjellqvist et al.) and coordinates along the abscissa axis on the 2D electrophoretic map (one most basic variant for each of the proteins). Trend lines from B.

Caption to figure. World-2DPAGE Repository ID. Source of biological material or note.

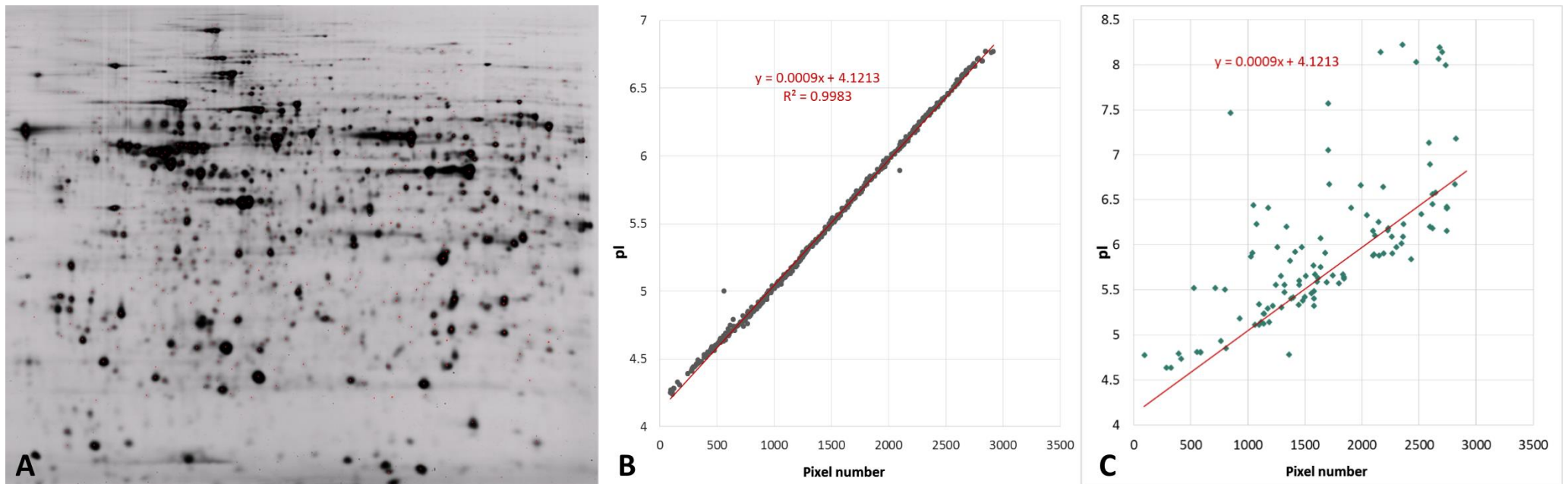


Figure S1. RAT\_INS1E\_4-7. INS-1E cell line, a model rat cell line for pancreatic beta cells.

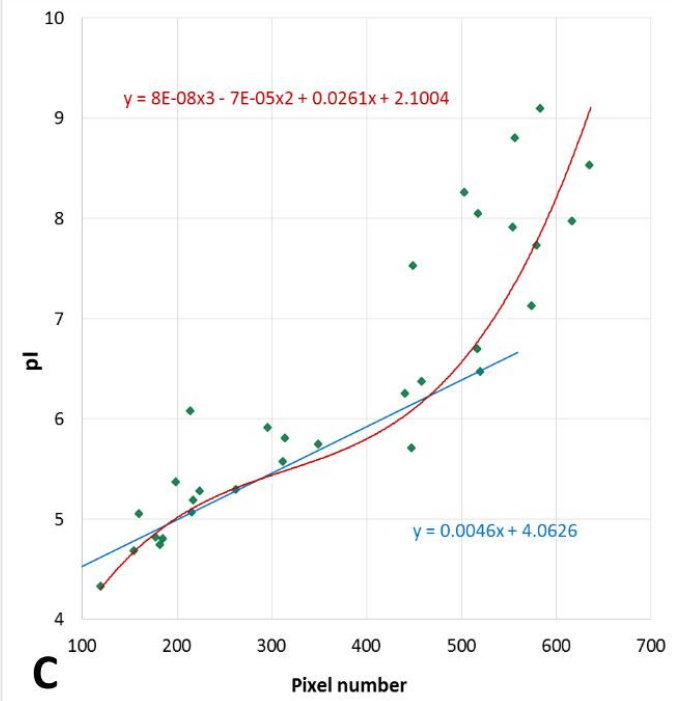
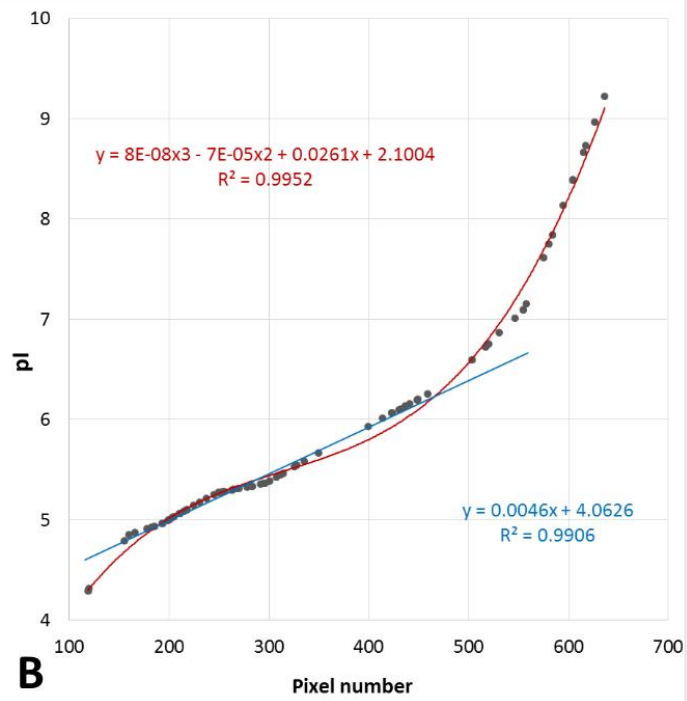
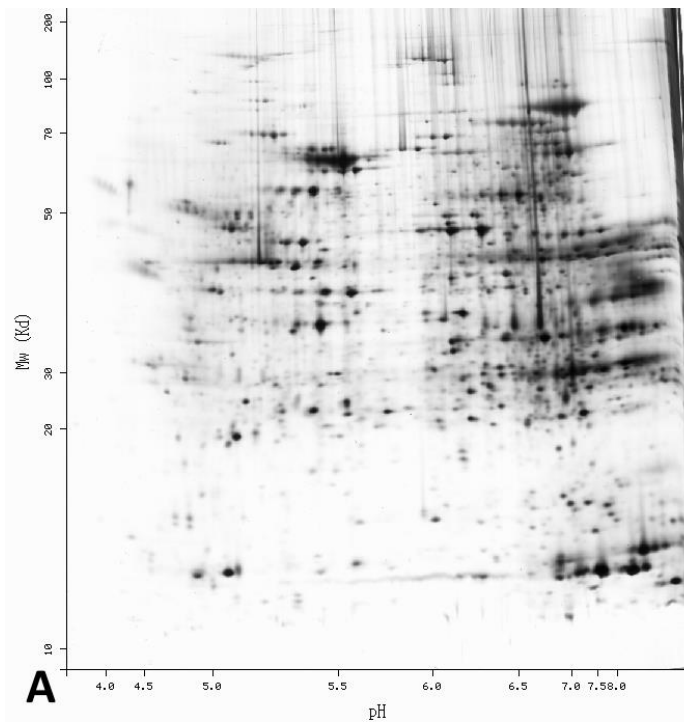


Figure S2. BAT\_MOUSE. Brown adipose tissue.

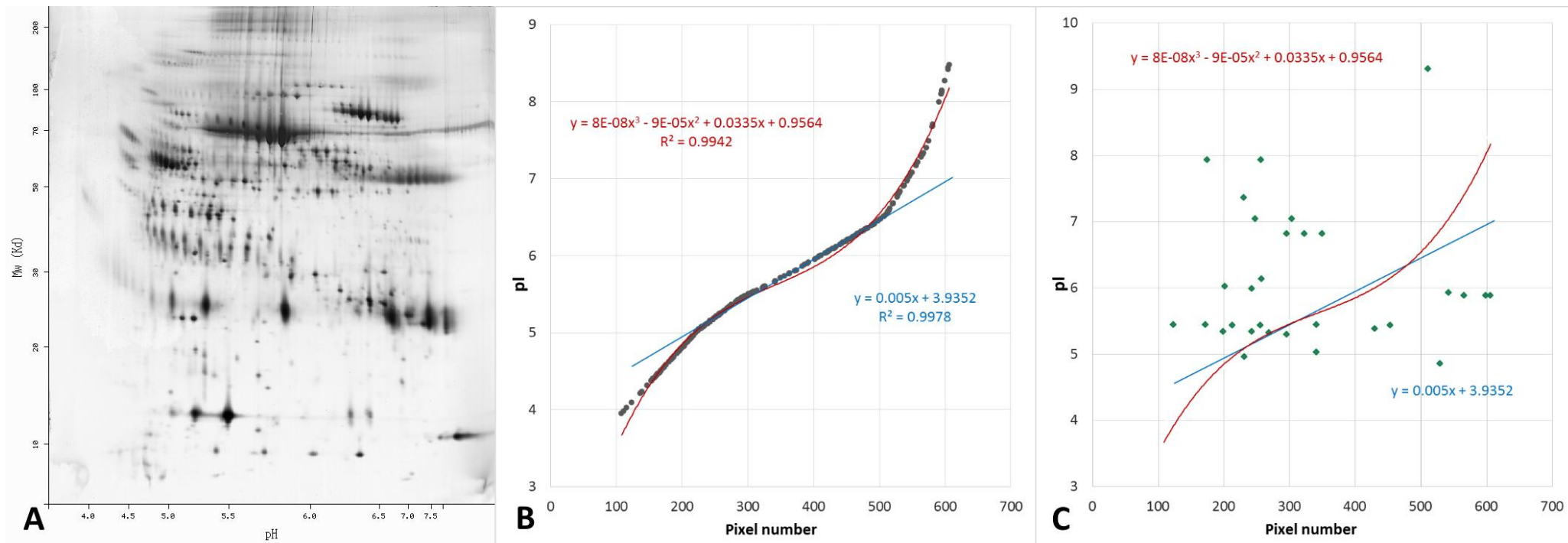


Figure S3. CSF\_HUMAN. Cerebrospinal fluid.

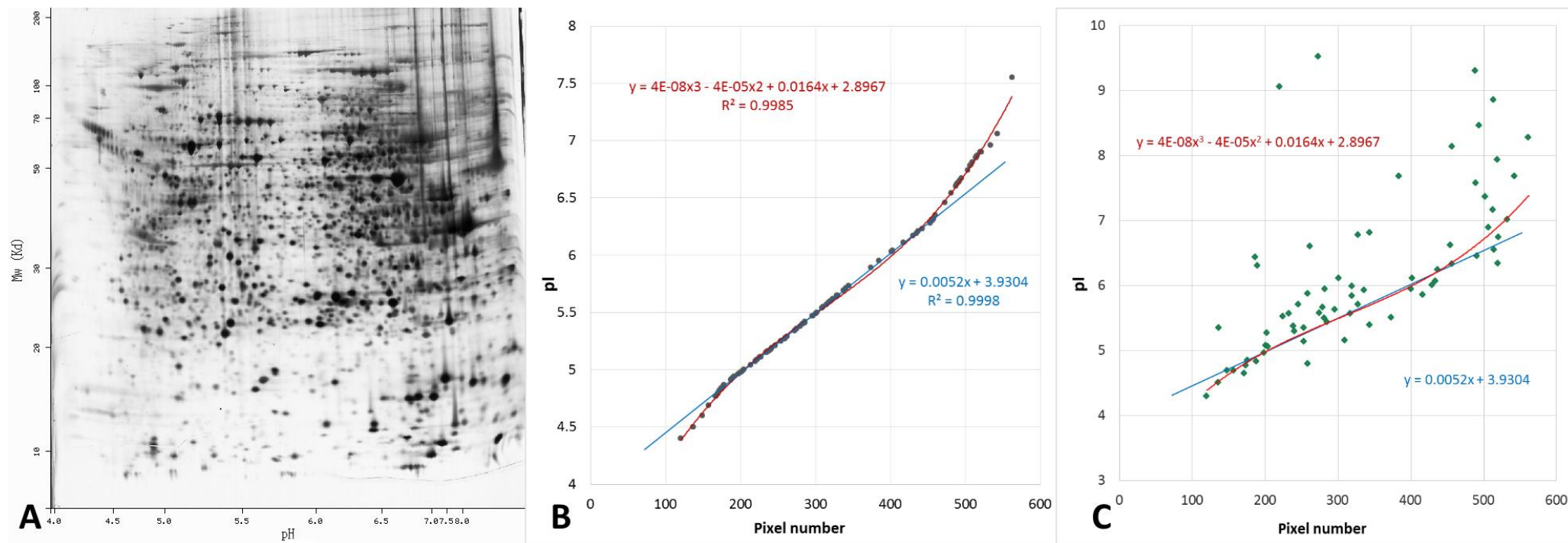


Figure S4. DLD1\_HUMAN. Colorectal adenocarcinoma cell line (DL-1).

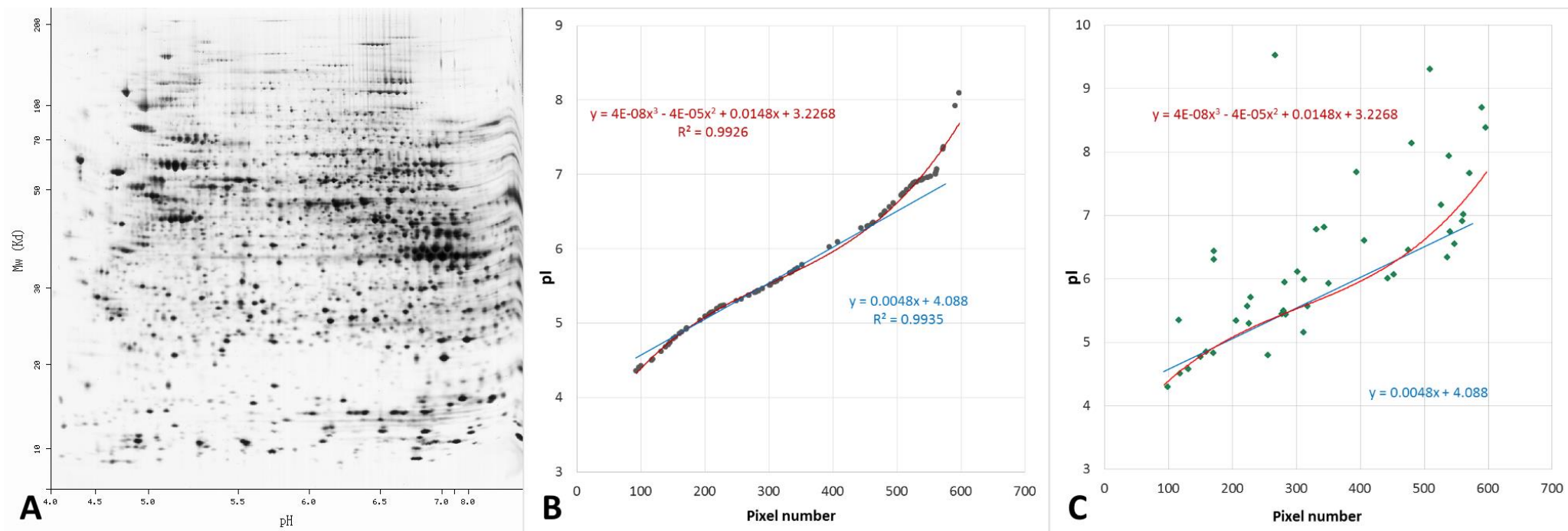


Figure S5. HEPG2\_HUMAN. HepG2 cell line.

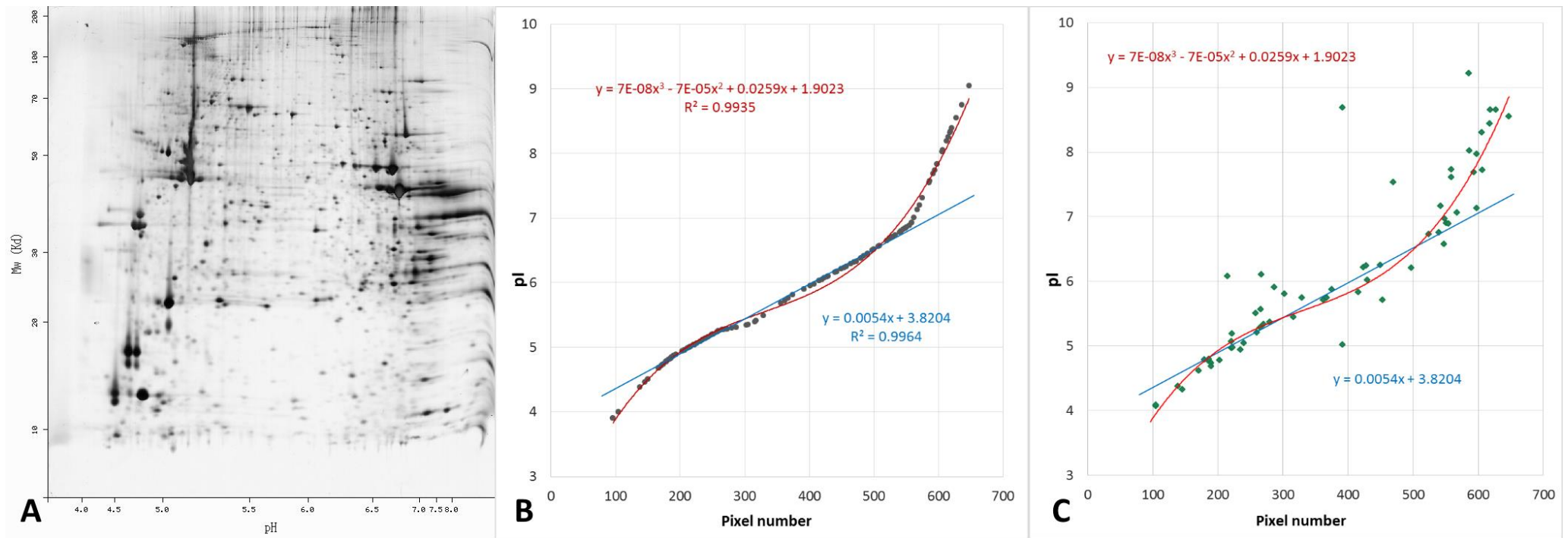


Figure S6. MUSCLE\_MOUSE. Gastrocnemius muscle.



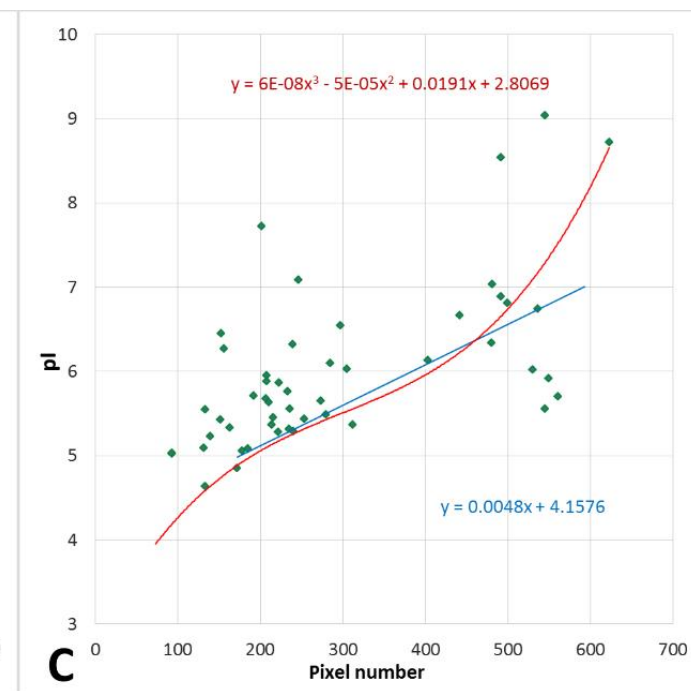
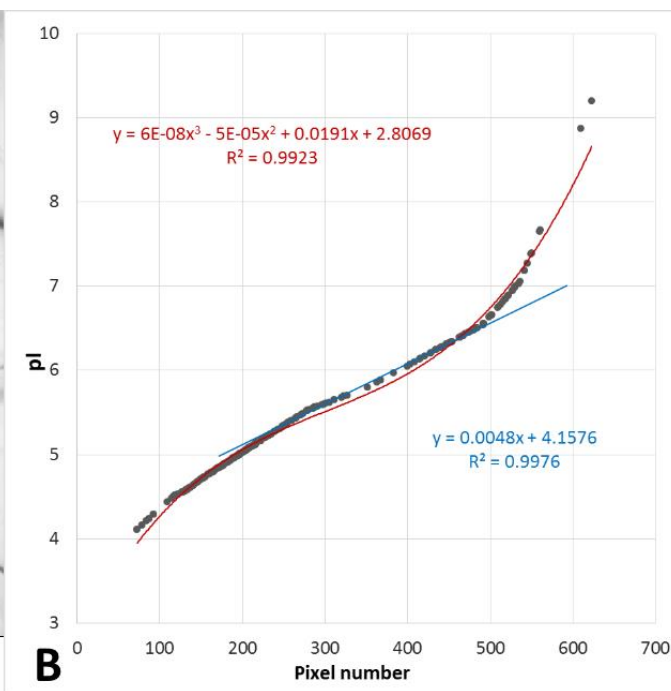
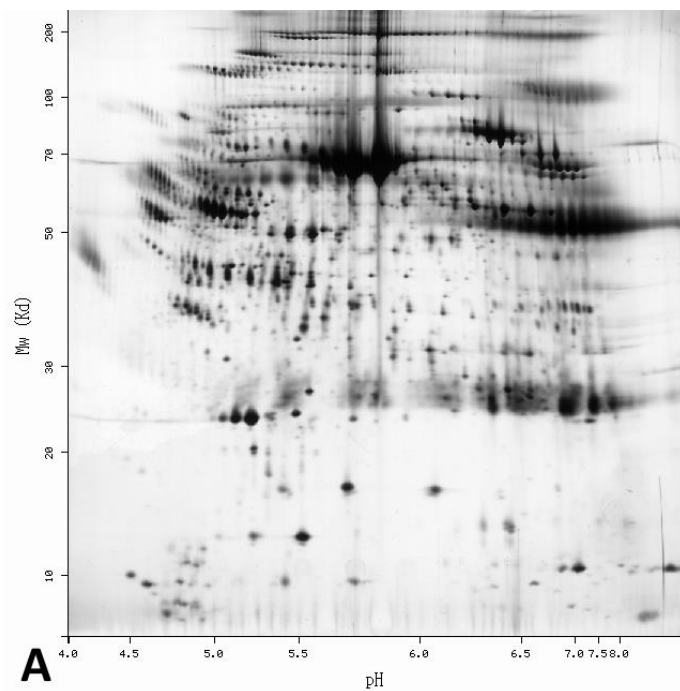


Figure S7. PLASMA\_HUMAN. Plasma.

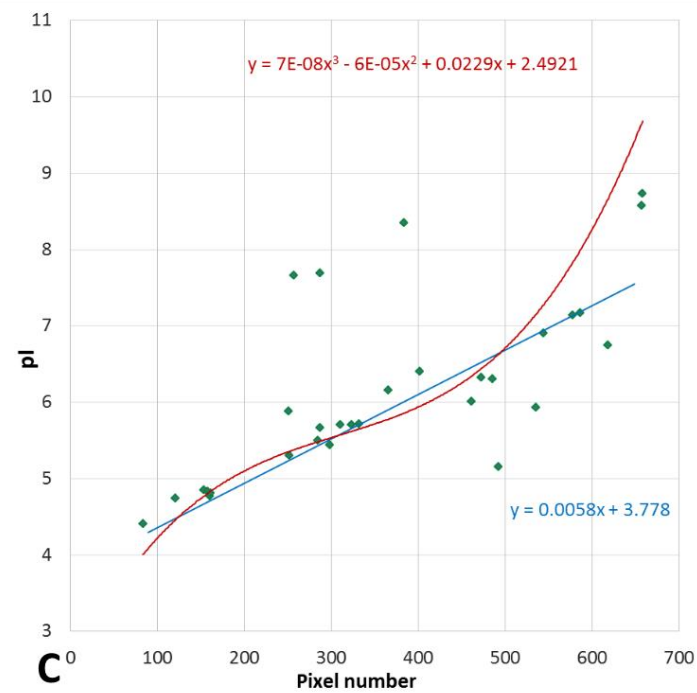
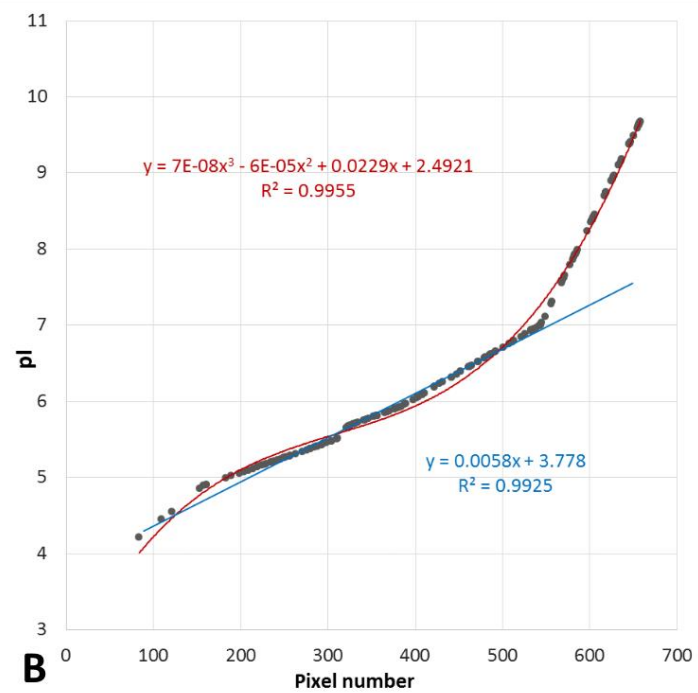
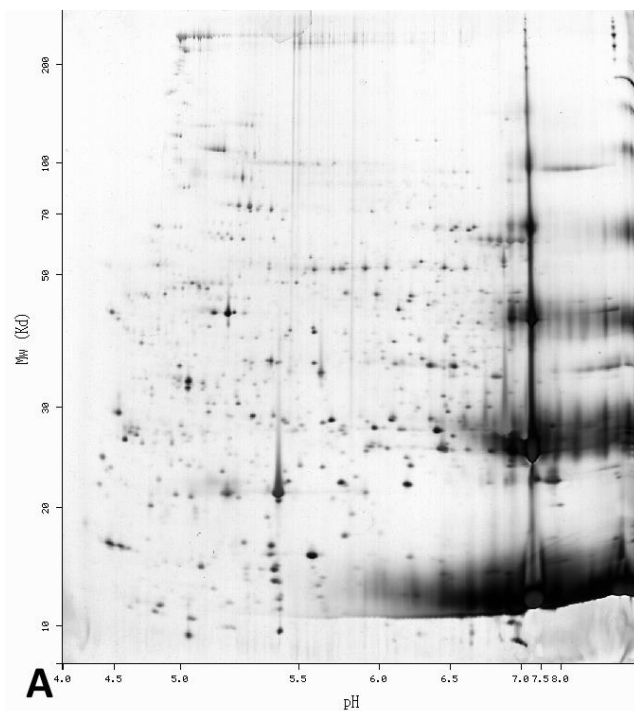


Figure S8. RBC\_HUMAN. Red blood cells.