

Identification of allergens for food-dependent exercise-induced anaphylaxis to shrimp

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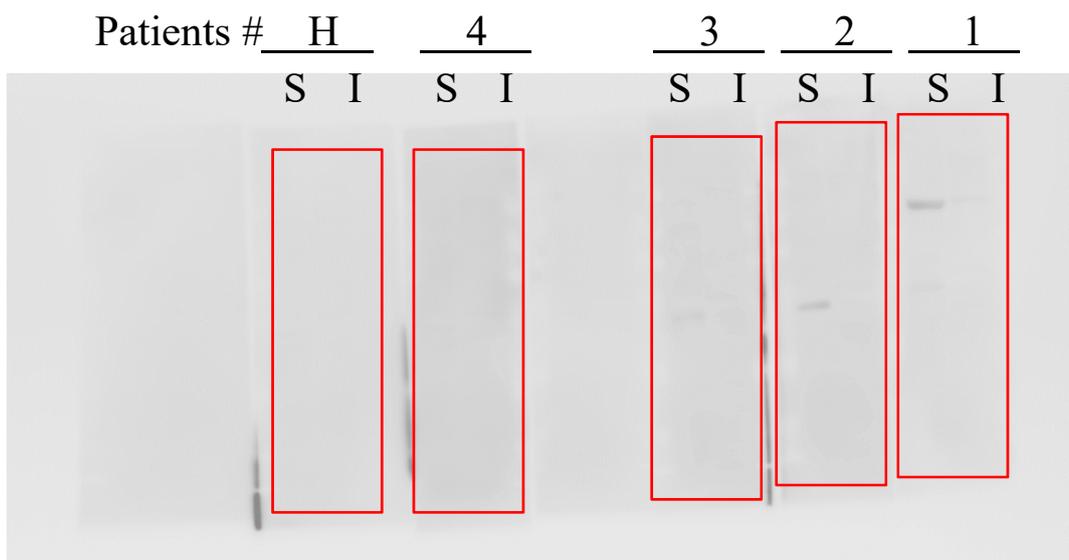
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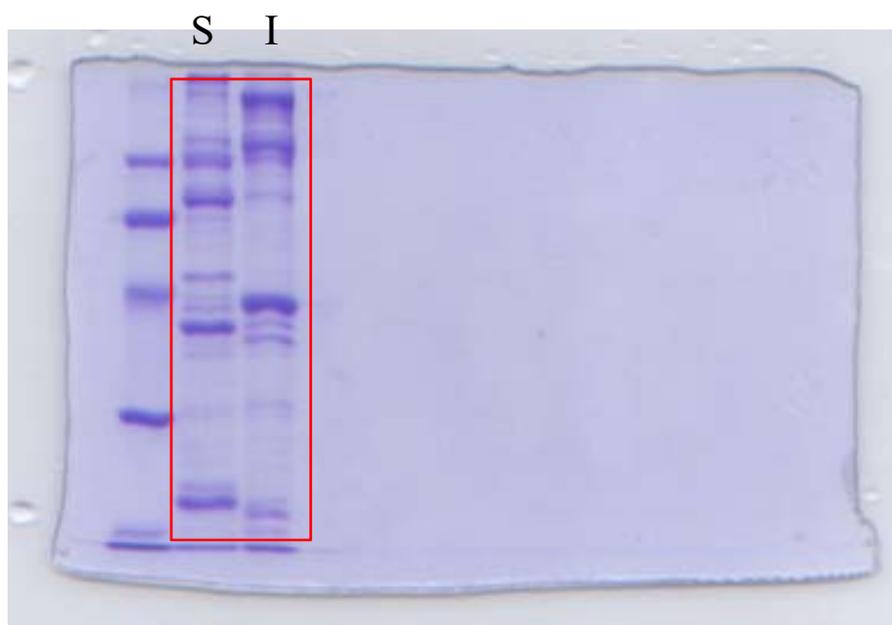
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Western blotting



CBB staining



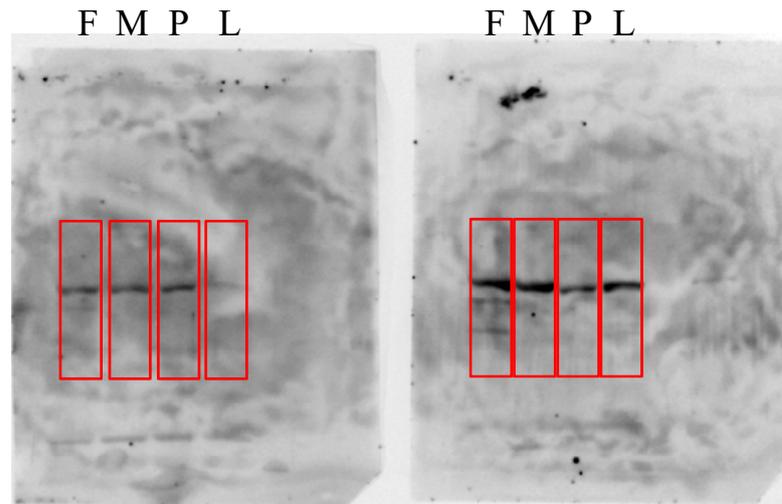
S: Tris-soluble fraction
I: Tris-insoluble fraction
H: healthy subject

Supplementary Figure S1. Uncropped images of Figure 1.
Red boxes denote the areas shown in Figure 1.

Western blotting

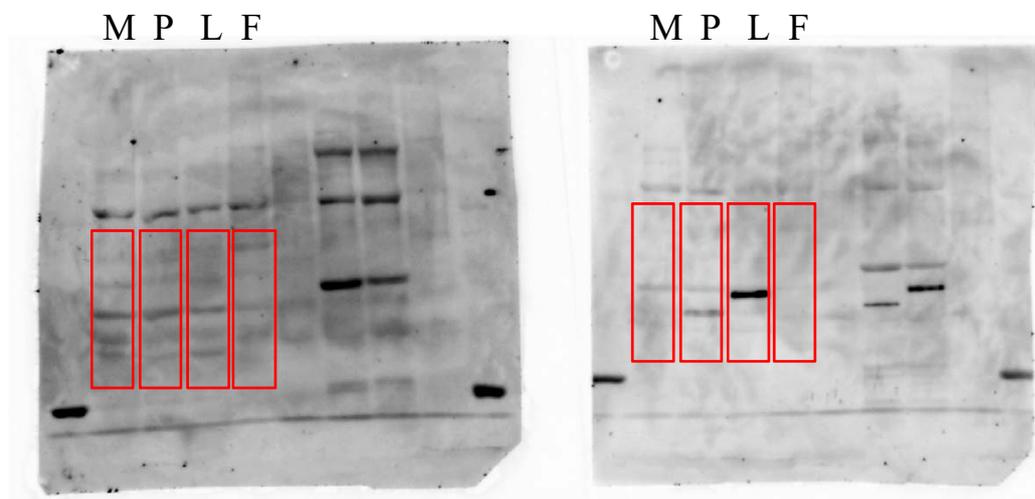
Healthy subject

Patient #1



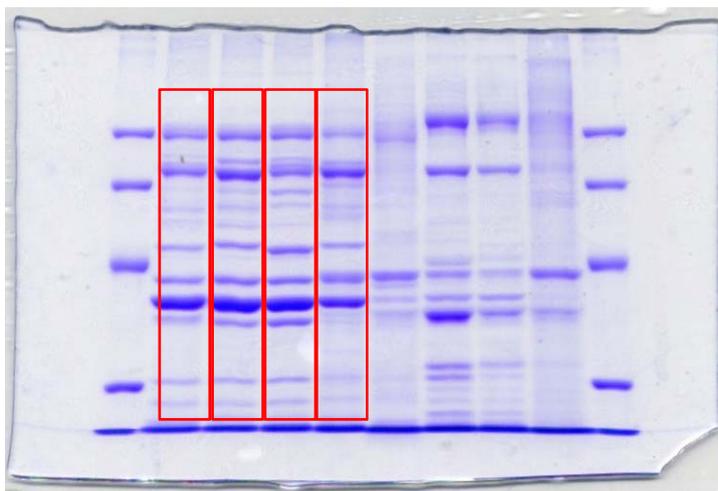
Healthy subject

Patient #2



CBB staining

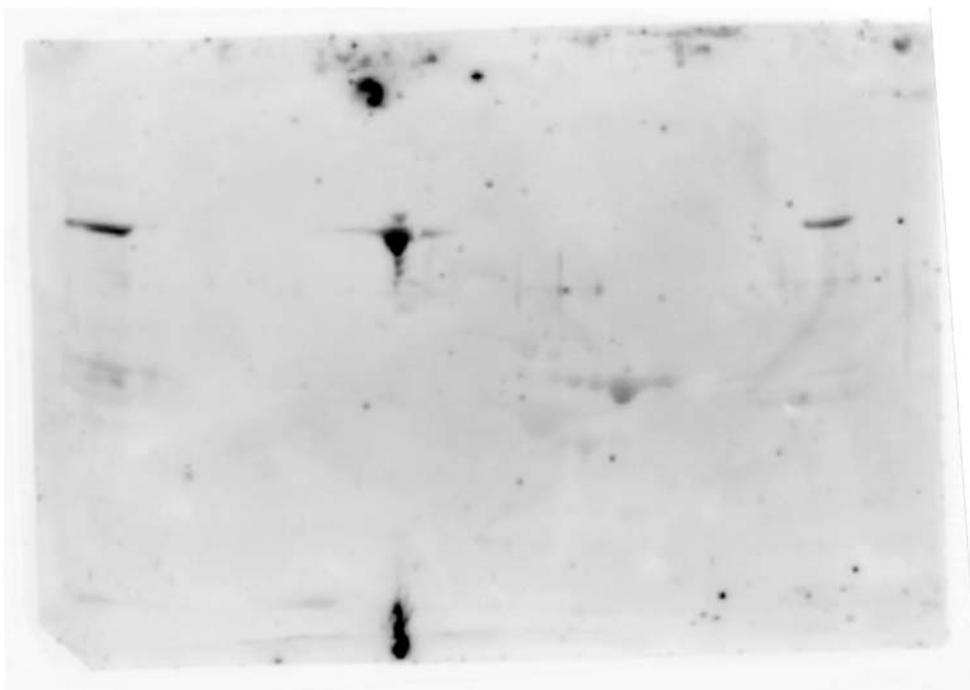
M P L F



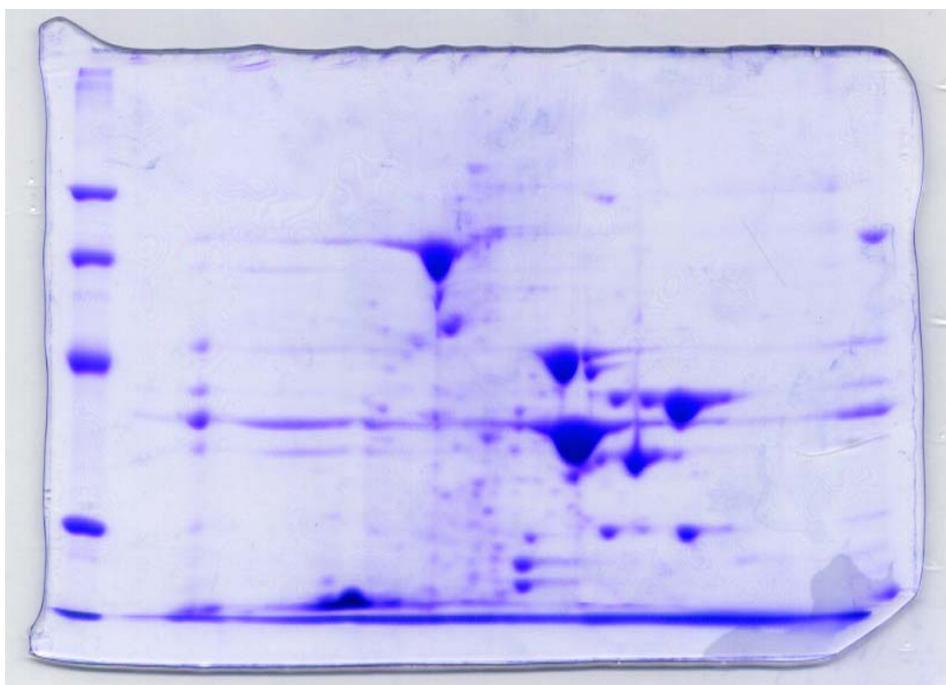
F: Fenneropenaeus chinensis
M: Marsupenaeus japonicus
P: Penaeus monodon
L: Litopenaeus vannamei

Supplementary Figure S2. Uncropped images of Figure 2.
Red boxes denote the areas shown in Figure 2.

Western blotting

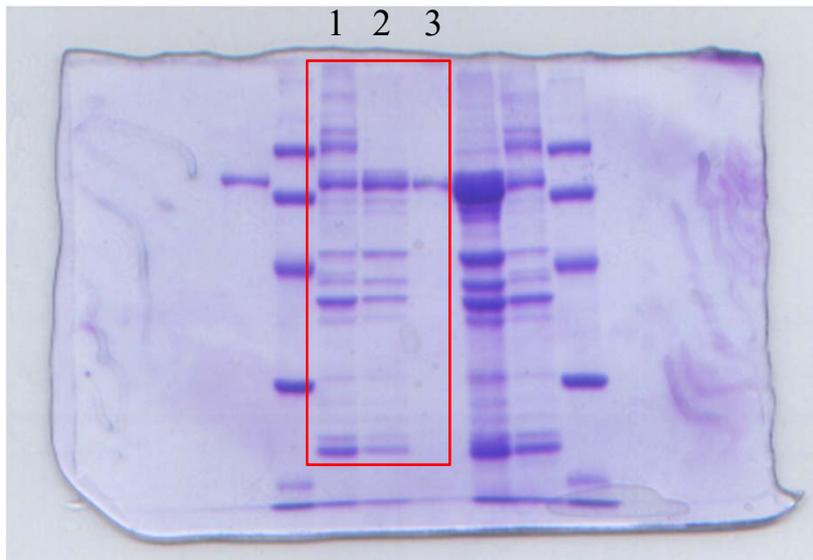


CBB staining



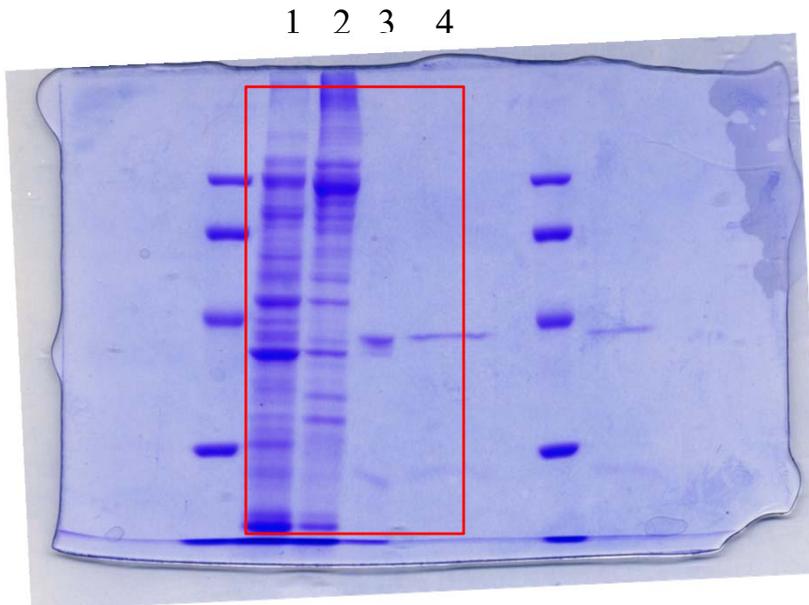
Supplementary Figure S3. Uncropped images of Figure 3.

a 70-kDa protein



- 1: whole Tris-soluble fraction
- 2: the 40–60% ammonium sulfate precipitate
- 3: reversed-phase HPLC fraction

a 43-kDa protein

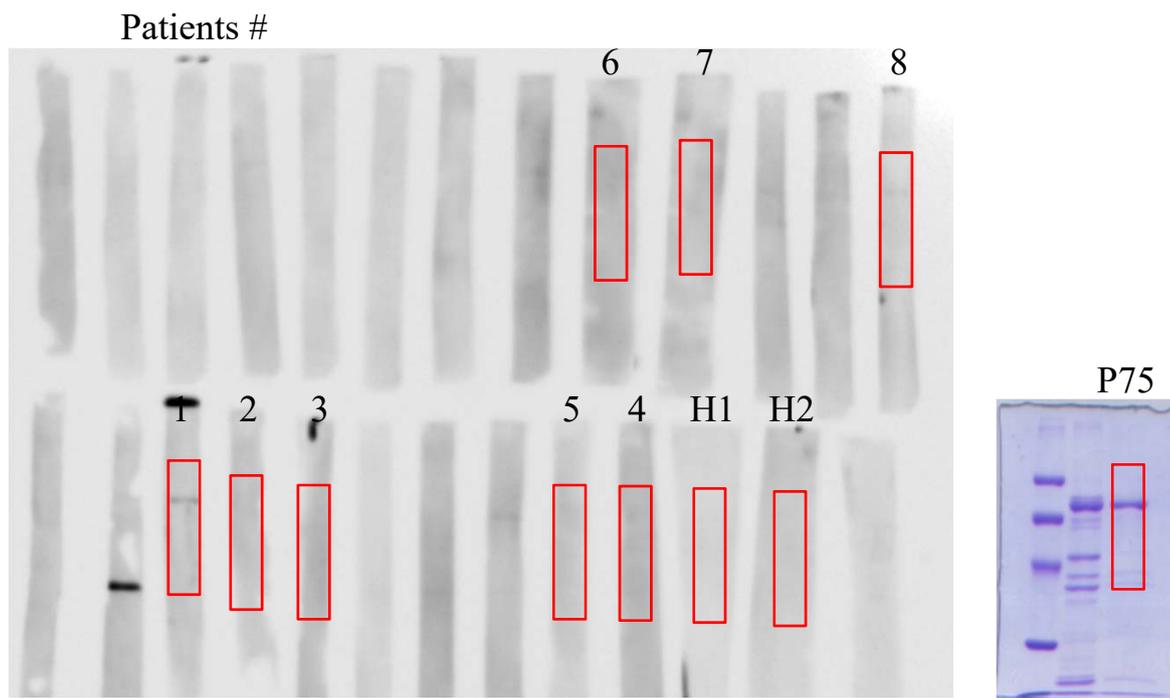


- 1: whole Tris-soluble fraction
- 2: the 20–40% ammonium sulfate precipitate
- 3: anion-exchange chromatography fraction
- 4: hydrophobic interaction chromatography fraction

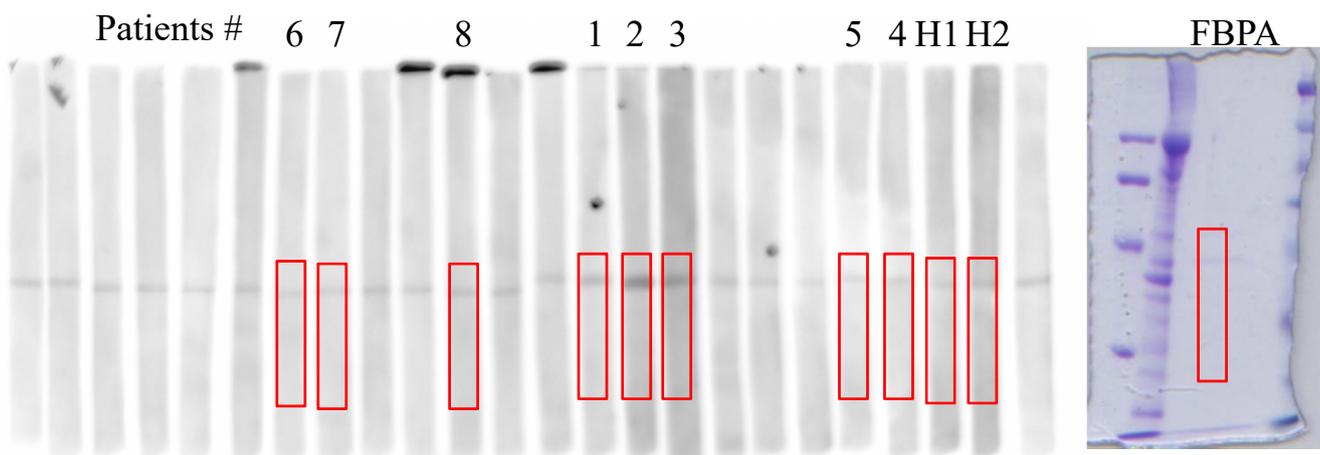
Supplementary Figure S4. Uncropped images of Figure 4.

Red boxes denote the areas shown in Figure 4.

P75 homologue



FBPA



H: healthy subjects

P75: purified native P75
homologue

FBPA: purified native FBPA

Supplementary Figure S5. Uncropped images of Figure 5.

Red boxes denote the areas shown in Figure 5.