

# **Meta-analysis of Chr18 Consortium MS-data for missing proteins mining: is it possible to find needles in a haystack?**

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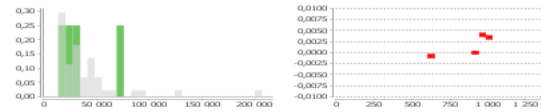
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## **Supplementary Note 1.**

### **Mass-spectra of peptides, which were used for protein identification (with 2 peptides):**

1. A0A087WSY6 (PE3) – p. S1
2. P22532 (PE2) – p. S2
3. Q9BYX7 (PE5) – p. S3
4. Q9BZK3(PE5) – p. S4
5. Q58FF3 (PE5) – p. S5
6. Q58FG1(PE5) – p. S6
7. Q9H893(PE5) – p. S7

NH<sub>2</sub>-A S S Q S V S S N L A W Y Q Q K P G Q A P R-COOH

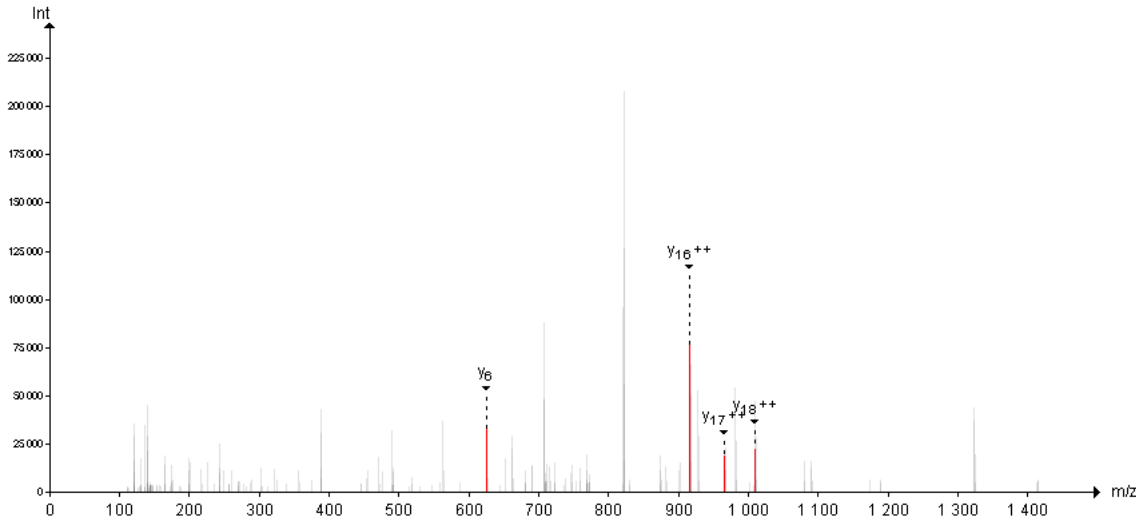


AC:  
**A0A087WSY6**

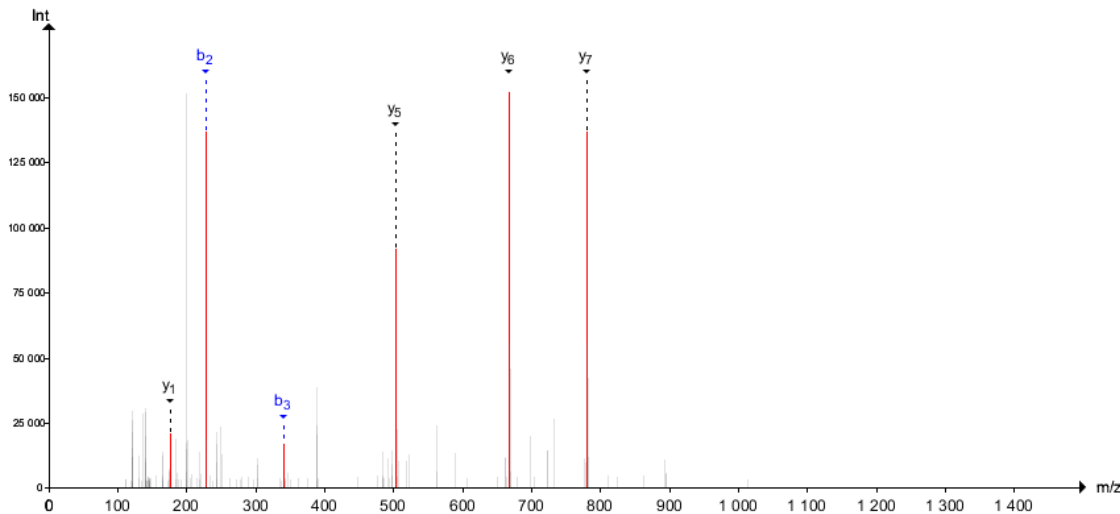
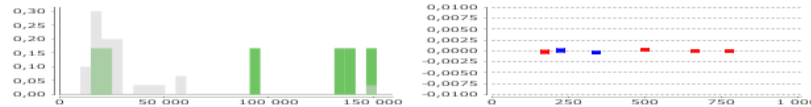
*Protein existence:*  
**PE3**

*Protein name:*  
**Immunoglobulin kappa  
variable 3D-15**

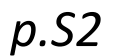
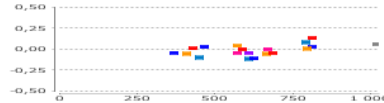
*Gene name:*  
**IGKV3D-15**



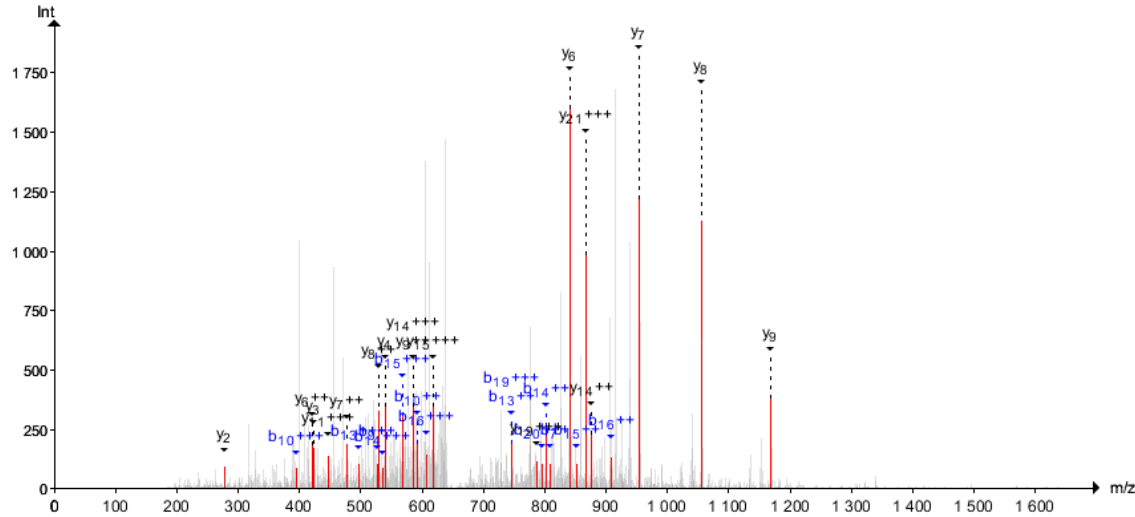
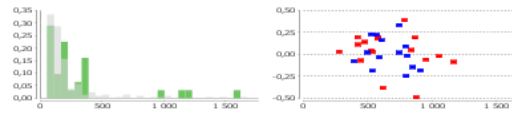
NH<sub>2</sub>-L L I Y G A S I R-COOH



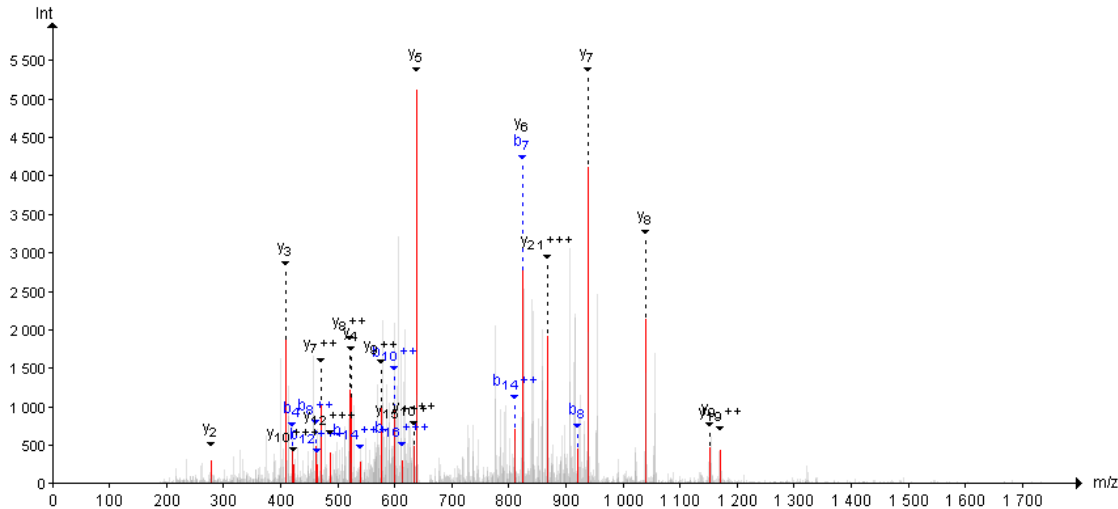
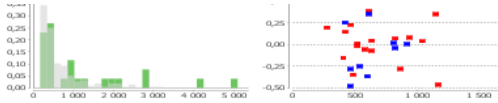
*Gene name:*  
**SPRR2D**



NH<sub>2</sub>-G M L T L K Y P W E H G I I T N W D D E K-COOH



NH<sub>2</sub>-G M L T L K Y P W E H G I I T N W D D M E K-COOH



AC:  
Q9BYX7

*Protein existence:*  
**PE5**

*Protein name:*  
**Putative beta-a  
ctin-like protein 3**

*Gene name:*  
**POTEKP**

AC:  
**Q9BZK3**

Protein existence:  
**PE5**

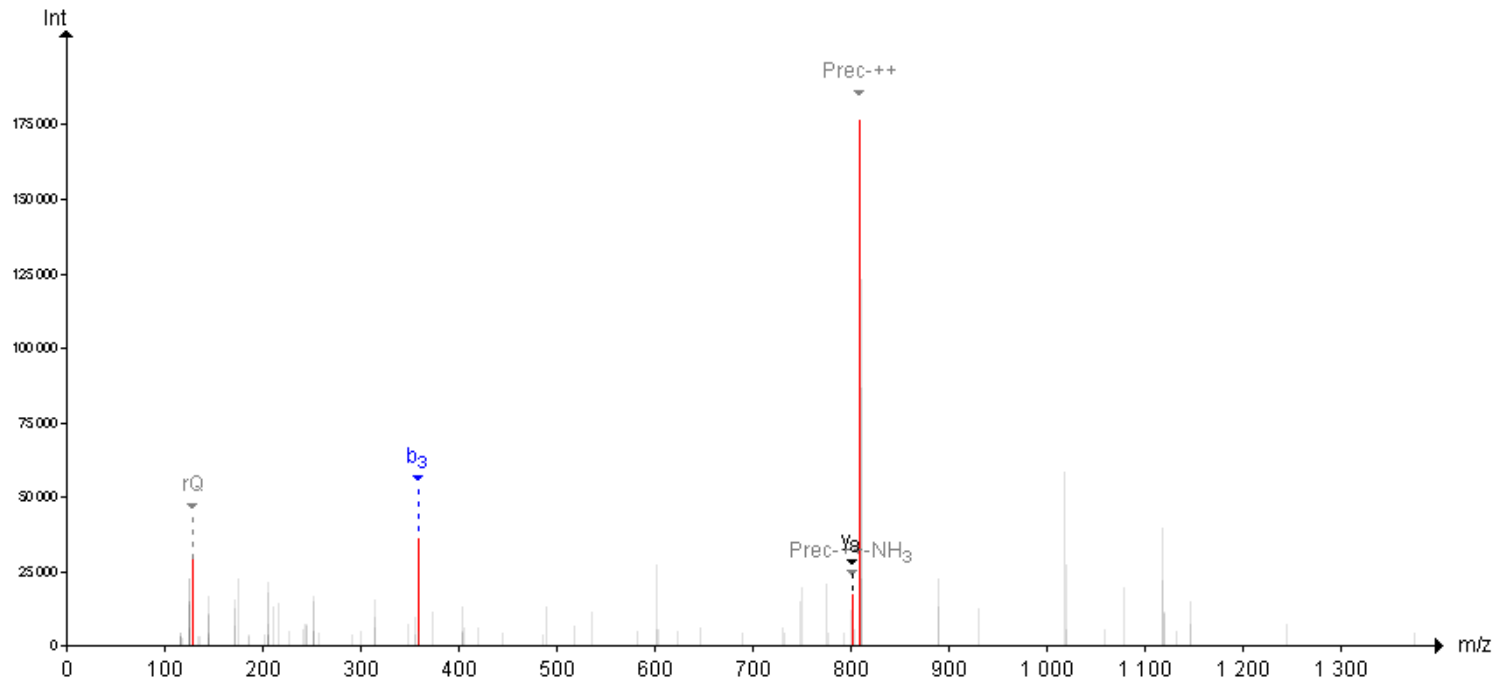
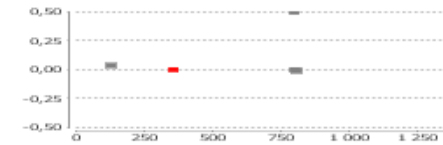
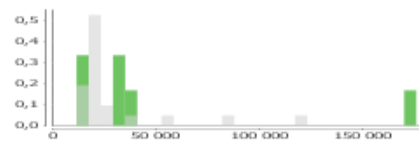
Protein name:

**Putative nascent polypeptide- associated complex subunit alpha-like protein**

Gene name:

**NACA4P**

NH<sub>2</sub>-I E D L S Q E A Q L A A A E K-COOH

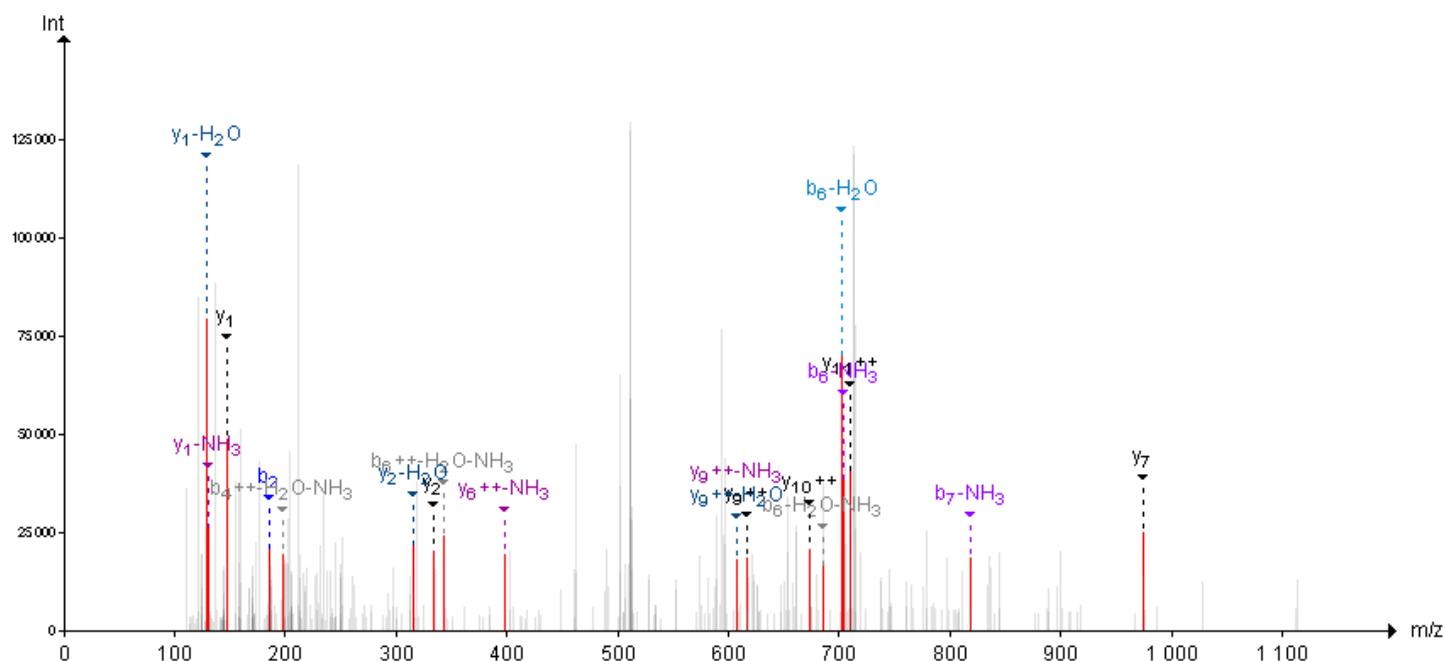
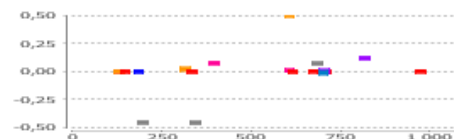
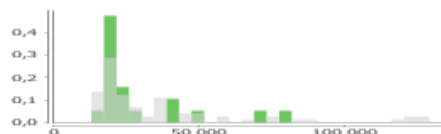
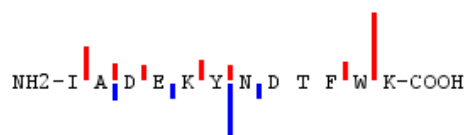


AC:  
Q58FF3

Protein name:  
**Putative endoplasmin-like protein**

Protein existence:  
**PE5**

Gene name:  
**NACA4P**



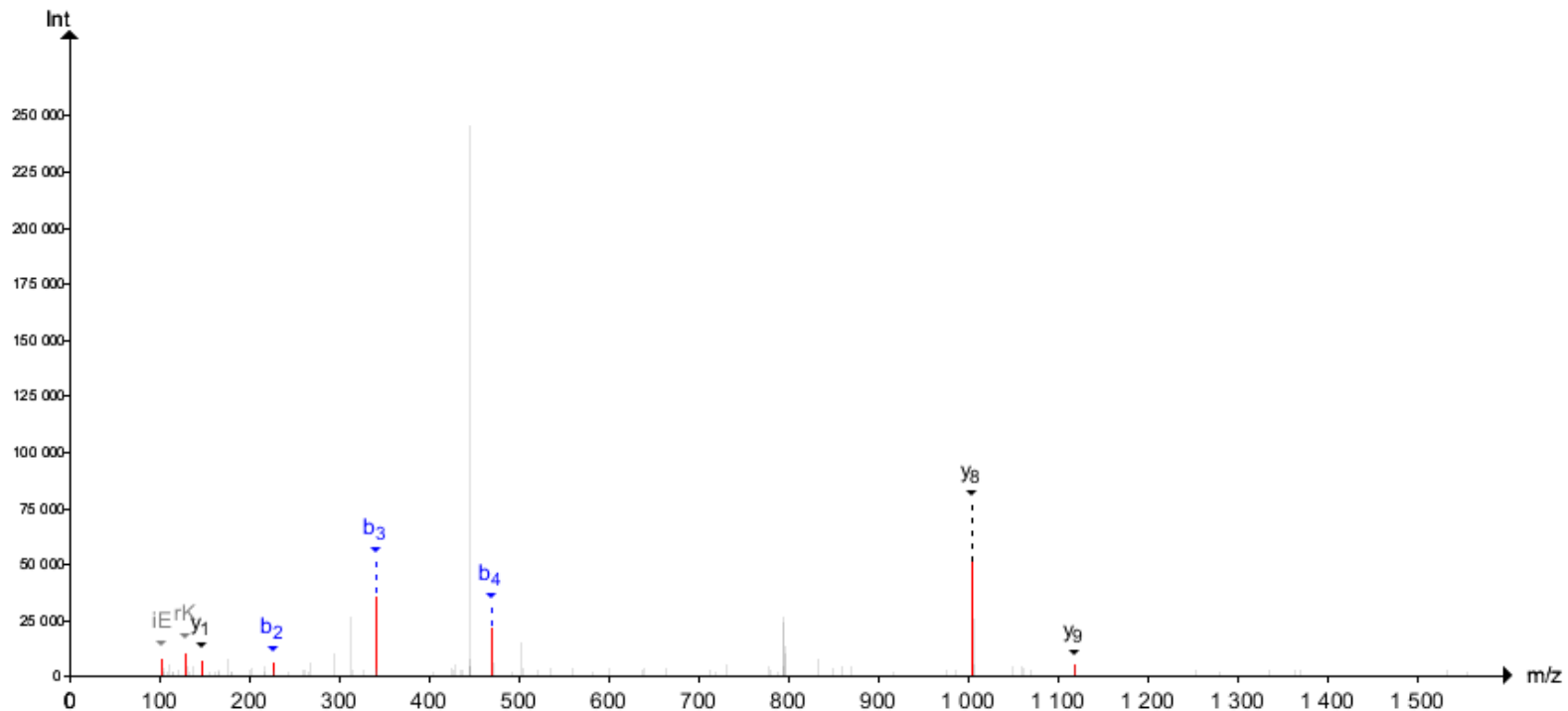
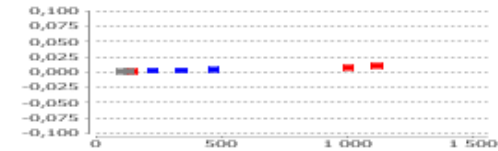
AC:  
**Q58FG1**

*Protein name:*  
**Putative heat shock protein HSP 90-alpha A4**

*Protein existence:*  
**PE5**

*Gene name:*  
**HSP90AA4P**

pyro-E D L E L P E D E E E K K-COOH



AC:  
Q9H853

Protein name:  
Putative tubulin-like protein alpha-4B

Protein existence:  
PE5

Gene name:  
TUBA4B

