




Correction to: R-catcher, a potent molecular tool to unveil the arginylome

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The author would like to correct the errors in the publication of the original article. The corrected details are given below.

- An envelope symbol was missing near the co-author name “Taewook Seo, Jihyo Kim, Ho-Chul Shin, Jung Gi Kim” near affiliation.
- In Table 1, the word in the footnote “PROX4” should read as “PRDX4”. The correct Table 1 with footnote is given below.

The original article can be found online at <https://doi.org/10.1007/s00018-021-03805-x>.

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Table 1 Arginylated ER protein candidates

| Uniprot ID | Gene symbol | Name | Predicted P1' site (signalP) | Location |
|------------|-------------|--|--|--------------|
| P27797 | CALR | Calreticulin | MLLSVPLLLGLLGLAVA EP AVYFKEOFLOGOG- WTSRWIES | E18 Er |
| P50454 | SERPINH1 | Serpin H1 | MRSLLLLSAFCLLEAALAAEVKKPAAAAAPG- TAEKLSPKA | A19 Er |
| P10909 | CLU | Clusterin | MMKTLLLFVGLLLTWESGOVLG GD QTVS- ONELOEMSNOGSK | D23 Er |
| 096AY3 | FKBP10 | Peptidyl-prolyl cis-trans isomerase FKBP10 | MFPAGPPSHSLRLPLLOLLLLVVOAV GR GL- GRASPAGGP | R29 Er |
| 013162 | PRDX4 | Peroxiredoxin-4 | MEALPLLAATTPOHGRHRLLLLPLLLFLLPA- GAVOGWET | W38 Er |
| P14625 | HSP90B1 | Endoplasmic reticulum chaperone BiP | MRALWVLGLCCVLLTFG SVRA DDEVVOGVT- VEEOLGKSRE | D22 Er |
| P11021 | HSPA5 | Endoplasmic reticulum chaperone BiP | MKLSLVAAMLLLLSAARA EEEE OKKEOVGTV- VGIOLGTTY | E19 Er |
| P81605 | OCO | Oermicidin | MRFM T LLFLTALAGALVCAYDPEAASAPGSGN- PCHEASAA | Y20 Secreted |
| 008380 | LGALS3BP | Galectin-3-binding protein | MTPPRLFWVWLLVAGTOG V NOGOMRLAOG- GATNOGRVEIF | V19 Secreted |
| P23142 | FBLN1 | Fibulin-1 | MERAAPSRRVPLPLLLGGLALLAAGVO ADV - LLEACCAOG | D30 Secreted |

10 ER proteins are listed. SignalP was used to predict P1' sites. The predicted P1' site is shown in bold red letters

- **Supplementary File:** The text in the supplementary file contains red mark and it is now corrected

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Supplementary Information The online version contains supplementary material available at <https://doi.org/10.1007/s00018-021-03915-6>.