|  |  |  |
| --- | --- | --- |
| Number | Accession | Candidates |
| 1 | AK374808 | Carbon catabolite repression 4 |
| 2 | [YP\_009649021.1](https://www.ncbi.nlm.nih.gov/protein/YP_009649021.1?report=genbank&log$=protalign&blast_rank=1&RID=788AWJXA01R) | ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit |
| 3 | KAE8805896.1 | Elongation factor 1-alpha |
| 4 | YP\_008757384 | ATP synthase subunit 1 |
| 5 | XP\_020147764 | chlorophyll a-b binding protein |
| 6 | YP\_007026453 | photosystem II CP43 chlorophyll apoprotein |
| 7 | AAA62325 | HSP70 |
| 8 | ABG75917 | vacuolar proton ATPase subunit |
| 9 | AHV84766 | histone 4 |
| 10 | KAE8813292 | Histone H2B |
| 11 | KAE8820295 | protoporphyrinogen oxidase |

**Supplementary File 1.** List of the BYSMV P protein interacting barley proteins obtained in IP-MS assays