Figure 4 – figure supplement 1- source data 1: MS table of PHF13 combined interactions

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| --- | --- | --- | --- | --- |
| **Protein Names** | **Gene**  **Names** | **Unique**  **Peptides Cont.** | **Unique**  **Peptides PHF13** | **PEP** |
| **Trypsin Digested** |  |  |  |  |
| Serine-protein kinase ATM | Atm | 0 | 23 | 4,8593E-269 |
| Transcription intermediary factor 1-beta | Trim28 | 3 | 13 | 1,03E-70 |
| DNA-directed RNA polymerase II subunit RPB1 | Polr2a | 0 | 10 | 1,7975E-167 |
| DNA-directed RNA polymerase II subunit RPB2 | Polr2b | 0 | 5 | 2,1498E-57 |
| Histone-binding protein RBBP4 | Rbbp4 | 0 | 4 | 3,2287E-267 |
| Splicing factor U2AF 35 kDa subunit | U2af1 | 0 | 3 | 2,11E-40 |
| Splicing factor 3B subunit 3 | Sf3b3 | 0 | 2 | 1,4307E-33 |
| Cell division cycle 5-like protein | Cdc5l | 0 | 2 | 9,6311E-25 |
| Pre-mRNA-splicing factor SPF27 | Bcas2 | 0 | 1 | 1,1592E-10 |
| Cleavage and polyadenylation specificity factor subunit 1 | Cpsf1 | 0 | 1 | 2,3588E-63 |
| Heterogeneous nuclear ribonucleoprotein R | Hnrnpr | 0 | 1 | 4,3496E-26 |
| Polyadenylate-binding protein 2 | Pabpn1 | 0 | 1 | 1,2539E-09 |
| PHD finger protein 13 | Phf13 | 0 | 1 | 0,000045104 |
| DNA-directed RNA polymerase II subunit RPB3 | Polr2c | 0 | 1 | 0,000053829 |
| DNA-directed RNA polymerases I, II, and III subunit RPABC3 | Polr2h | 0 | 1 | 8,7231E-13 |
| Histone-binding protein RBBP7 | Rbbp7 | 0 | 1 | 2,5399E-204 |
| U2 small nuclear ribonucleoprotein B | Snrpb2 | 0 | 1 | 0,000094054 |
| SNW domain-containing protein 1 | Snw1 | 0 | 1 | 5,674E-18 |
| **LysC Digested** |  |  |  | **Q-value** |
| DNA-directed RNA polymerase II subunit RPB1 | Polr2a | 0 | 4 | 0 |
| Heterogeneous nuclear ribonucleoprotein U | Hnrnpu | 0 | 4 | 0 |
| 116 kDa U5 small nuclear ribonucleoprotein component | Eftud2 | 0 | 3 | 0 |
| Splicing factor 3B subunit 1 | Sf3b1 | 0 | 3 | 0 |
| RNA binding motif protein, X chromosome;RNA-binding motif protein | Rbmx | 0 | 2 | 0 |
| Transcription intermediary factor 1-beta | Trim28 | 0 | 2 | 0 |
| Histone-binding protein RBBP4;RBBP7 | Rbbp4;Rbbp7 | 0 | 2 | 0 |
| Polycomb protein Suz12 | Suz12 | 0 | 1 | 0 |
| RNA binding motif protein, X-linked-like-1;RNA-binding motif protein, X chromosome | Rbmxl1 | 0 | 1 | 0.011628 |
| Heterogeneous nuclear ribonucleoprotein L | Hnrnpl | 0 | 1 | 0.00885 |
| Nuclease-sensitive element-binding protein 1;Y-box-binding protein 3 | Ybx1;Ybx3 | 0 | 1 | 0 |
| Heterogeneous nuclear ribonucleoprotein A3 | Hnrnpa3 | 0 | 1 | 0 |
| Pre-mRNA-processing factor 19 | Prpf19 | 0 | 1 | 0.009434 |
| Serine/arginine-rich splicing factor 5 | Srsf5 | 0 | 1 | 0 |
| RNA-binding proten FUS | Fus | 0 | 1 | 0 |
| Heterogeneous nuclear ribonucleoproteins A2/B1 | Hnrnpa2b1 | 0 | 1 | 0 |
| Serine/arginine-rich splicing factor 3 | Srsf5 | 0 | 1 | 0 |
| Splicing factor 3A subunit 1 | Sf3a1 | 0 | 1 | 0 |
| Pre-mRNA-processing factor 19 | Prpf6 | 0 | 1 | 0 |
| U4/U6.U5 tri-snRNP-associated protein 1 | Sart1 | 0 | 1 | 0 |