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| **Figure/table number** | **Description** |
| **Supp. Table 1** | **Summary of the data for all PPIs tested** |
|  | Column 1: DHFR collection plate number. Ranges from 1 to 4 as there are four 1536 plates. |
|  | Column 2: Replicate number. Ranges from 1 to 3 as there are three replicates. |
|  | Column 3: Picture name. |
|  | Column 4: Column number. |
|  | Column 5: Row number. |
|  | Column 6: X position of the center of the analyzed area. |
|  | Column 7: Y position of the center of the analyzed area. |
|  | Column 8: Area covered by the analzed particle. |
|  | Column 9: Mean Pixel density of the particle. |
|  | Column 10: Integrated Pixel density of the particle. |
|  | Column 11: Mean of the background surrounding the particle. |
|  | Column 12: Mean pixel density of the particle after background subtraction. |
|  | Column 13: Integrated pixel density after background subtraction. |
|  | Column 14: Minimal value of pixel density before background subtraction |
|  | Column 15: Maximal value of pixel density before background subtraction |
|  | Column 16: Circularity of the particle |
|  | Column 17: Log2 conversion of the IntDenBackSub (column 13) |
|  | Column 18: Median Log2(IntDenBackSub) for each plate. |
|  | Column 19: Log2(IntDenBackSub) normalized by plate median (Column 17 – Column18). |
|  | Column 20: Prey’s ORF name. |
|  | Column 21: Prey’s standard name. |
| **Supp. Table 2** | **Summary statistics for all Preys tested** |
|  | Column 1: Prey’s ORF name |
|  | Column 2: Prey’s standard name |
|  | Column 3: average score (log2IntDenBackSub) of the three replicates |
|  | Column 4: Standard deviation of the three replicates |
|  | Column 5: Prey’s rank |
|  | Column 6: Hit? (1=Yes, 0=No) |
|  | Column 7: Filtered promiscuous prey protein (1=Yes, 0=No) |
|  | Column 8: Reported physical interactor in BioGRID 3.2.111 (1=Yes, 0=No) |