**Table S1. NS1-BP binding partners**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Band (kDa)** | **Accession No.** | **Protein Name** | **Score** | **Theoretical MW (kDa)** | **No. Masses Matched** | **Sequence Coverage%** |
| #1  170-220 | gi|4758416  gi|12667788 | Golgi-specific brefeldin A resistance factor 1  Myosin, heavy polypeptide 9, non-muscle | 1255  246 | 206.3  226.4 | 101  39 | 23.6  14.3 |
| #2  130-170 | gi|17380291  gi|31621305  gi|100913206  gi|119582037  gi|4827040  gi|20336290 | Regulator of nonsense transcripts 1  Leucine-rich PPR motif-containing protein  DEAH (Asp-Glu-Ala-His) box polypeptide 9  La ribonucleoprotein domain family, member 1  Thyroid hormone receptor associated protein 3  DEAH (Asp-Glu-Ala-His) box polypeptide 30, isoform 2 | 471  421  373  203  187  173 | 124.3  157.8  140.9  129.2  108.6  129.4 | 40  39  57  35  15  19 | 29.2  27.4  25.7  26.5  14.4  13.5 |
| #3  120-130 | gi|74136883  gi|5762315  gi|119599167  gi|119590191 | Heterogeneous nuclear ribonucleoprotein U isoform a  Nuclear factor associated with dsRNA NFAR-2  DEAH (Asp-Glu-Ala-His) box polypeptide 36, isoform CRA\_a  Poly (ADP-ribose) polymerase | 884  224  210  188 | 90.5  95.3  114.7  113.0 | 140  19  17  12 | 31.8  18.1  14.8  13.5 |
| #4  95-120 | gi|38201710  gi|27477136  gi|306891  gi|4505343  gi|50659095  gi|3319956 | DEAD box polypeptide 17 isoform 1  Zinc finger antiviral protein isoform 1  90kDa heat shock protein  Nuclear cap binding protein subunit 1, 80kDa  DEAD (Asp-Glu-Ala-Asp) box polypeptide 21  E1B-55kDa-associated protein | 309  216  166  161  159  99 | 80.2  101.4  83.2  91.8  87.3  95.8 | 30  9  19  16  28  14 | 26.5  12.2  17.1  14.7  26.9  16.7 |
| #5  72-95  **Band (kDa)** | gi|4504715  gi|56237027  gi|5729877  gi|119589327  gi|24475847  gi|5031755  **Accession No.** | Poly(A) binding protein, cytoplasmic 4  Insulin-like growth factor 2 mRNA binding protein 1  heat shock 70kDa protein 8 isoform 1  Heterogeneous nuclear ribonucleoprotein M, isoform CRA\_c  Influenza virus NS1A binding protein (NS1-BP)  Heterogeneous nuclear ribonucleoprotein R isoform 2  **Protein Name** | 607  495  474  398  209  165  **Score** | 70.7  63.4  70.9  77.6  71.7  70.9  **Theoretical MW (kDa)** | 73  67  49  72  53  25  **No. Masses Matched** | 43.6  44.9  38.5  40.8  24.8  24.5  **Sequence Coverage%** |
| #6  55-72 | gi|11527777  gi|14165437  gi|5805295  gi|4335947 | Heterogeneous nuclear ribonucleoprotein L  Heterogeneous nuclear ribonucleoprotein K, isoform a  RNA-binding protein isoform G3BP-2a  Staufen protein | 493  469  159  141 | 60.1  51.0  54.1  55.0 | 74  82  26  11 | 42.4  44.4  31.1  23 |
| #7  45-50 | gi|181486  gi|14110417  gi|532313  gi|14249959  gi|4826760  gi|4503571  gi|3256007 | DNA-binding protein B  Heterogeneous nuclear ribonucleoprotein D, isoform b  NF45 protein  Heterogeneous nuclear ribonucleoprotein C (C1/C2)  Heterogeneous nuclear ribonucleoprotein F  Enolase 1  Heterogeneous nuclear ribonucleoprotein G | 644  563  366  331  251  234  219 | 40.0  36.2  44.7  32.4  45.6  47.1  42.4 | 43  68  34  15  13  13  36 | 49.2  37.8  36.5  34.1  25.8  27.2  43.7 |
| #8  40-45 | gi|55956921  gi|38201714  gi|4501885 | Heterogeneous nuclear ribonucleoprotein AB isoform b  ELAV-like 1  beta actin | NA  NA  NA | 30.6  36.1  41.7 | NA  NA  NA | NA  NA  NA |