

Table S2

Additional proteins in CD2BP2/52K-GYF or U5-15K precipitates. The list comprises all remaining proteins identified by mass spectrometry not shown in Table S1. Columns and symbols are as in Table S1. As for Table S1, for each protein in the list the accession number, the number of unique peptides and the sequence coverage (in %) are given in Supplementary Tables S6 to S8, corresponding to the three pulldown experiments GYF +/- PD1, GYF/GYF-mutant and U5-15K +/- PD1.

| Protein | GYF +/-PD1 | GYF / GYF-mutant | U5 15K +/- PD1 | | | |
|-------------|------------|------------------|----------------|-----------------------|---|-----|
| | | | | CALU_HUMAN | | ○ ◎ |
| | | | | CALX_HUMAN | | ○ |
| | | | | CASPE_HUMAN | | ○ |
| | | | | CATD_HUMAN | ○ | |
| 1433F_HUMAN | ○ | | | C2D1A_HUMAN | ● | ● |
| 4F2_HUMAN | | ○ | ○ | CD2B2_HUMAN (endogen) | ● | ● |
| ABCF1_HUMAN | | ● | | CH60_HUMAN | ● | ◎ ◎ |
| ACL6A_HUMAN | ● | ● | | CLH1_HUMAN | | ○ |
| ACLY_HUMAN | | | ◎ | CLUS_HUMAN | | ○ |
| ACOT9_HUMAN | | | ○ | CO4A2_HUMAN | ● | ● |
| ADT3_HUMAN | | | ● | COCA1_HUMAN | ● | ● |
| AIP_HUMAN | ● | | | COF1_HUMAN | | ◎ |
| ALBU_HUMAN | ○ | | ○ | COX2_HUMAN | | ○ |
| ANXA1_HUMAN | ○ | | | CPSF2_HUMAN | ● | |
| AP2M1_HUMAN | ● | | | CPSF5_HUMAN | ● | ● |
| APOD_HUMAN | | | ○ | CPSF6_HUMAN | ● | ● |
| ARF4_HUMAN | | ◎ | ○ | CPSF7_HUMAN | ● | ● |
| ARHG2_HUMAN | | | ◎ | CPSM_HUMAN | ● | ◎ ◎ |
| ARHG7_HUMAN | | | ◎ | MED14_HUMAN | ● | |
| ARI1A_HUMAN | ● | ● | | CSK21_HUMAN | ● | |
| ARI1B_HUMAN | ● | | | CSKI2_HUMAN | ● | |
| ASSY_HUMAN | ● | ● | ○ | CSRP2_HUMAN | | ◎ |
| ATD3A_HUMAN | ● | ● | ○ | CT004_HUMAN | ● | |
| ATD3B_HUMAN | | ● | | CTGE5_HUMAN | ● | ● |
| ATN1_HUMAN | ● | ● | 3 | CUL1_HUMAN | | ○ |
| ATP5H_HUMAN | ● | | ○ | CYTA_HUMAN | | ○ |
| ATPA_HUMAN | ● | ◎ | ○ | DCD_HUMAN | ○ | ○ ○ |
| ATPB_HUMAN | ● | ◎ | ○ | DDB1_HUMAN | | ○ ◎ |
| ATPG_HUMAN | | ◎ | | DDX3Y_HUMAN | | ● ○ |
| ATPO_HUMAN | | | ○ | DDX47_HUMAN | ● | |
| ATX2_HUMAN | ● | ● | | IF4A3_HUMAN | ● | |
| ATX2L_HUMAN | ● | ● | | DEK_HUMAN | | ● |
| BCL7A_HUMAN | | ● | | DESP_HUMAN | ◎ | ○ ◎ |
| BCLF1_HUMAN | ● | | | CBR3_HUMAN | | ● |
| C4BPA_HUMAN | | | ◎ | CBR1_HUMAN | ◎ | ◎ ◎ |
| RPAP2_HUMAN | | | ● | DHX29_HUMAN | ● | |
| CALM_HUMAN | | ○ | ○ | DHX30_HUMAN | ● | ○ |

| | | | | | | | |
|-------------|---|---|---|-------------|---|---|---|
| MRLC3_HUMAN | | ⊙ | ⊙ | RL22L_HUMAN | | ○ | |
| MOV10_HUMAN | ● | ● | ○ | RL23_HUMAN | ● | ⊙ | |
| MPCP_HUMAN | | | ○ | RL23A_HUMAN | ● | ● | ⊙ |
| MYCB2_HUMAN | | | ○ | RL24_HUMAN | ● | ● | ⊙ |
| MYH9_HUMAN | ⊙ | ○ | ⊙ | RL26_HUMAN | ● | ● | ⊙ |
| MYL6_HUMAN | ⊙ | ○ | ⊙ | RL26L_HUMAN | | ● | |
| MYO1C_HUMAN | | ○ | | RL27_HUMAN | ● | ● | ⊙ |
| MYO1E_HUMAN | ● | ● | | RL27A_HUMAN | ● | ● | ⊙ |
| NH2L1_HUMAN | ● | | | RL28_HUMAN | ● | ● | ⊙ |
| NUCL_HUMAN | ● | ● | ⊙ | RL29_HUMAN | | ● | ⊙ |
| NUFP2_HUMAN | ● | ● | | RL3_HUMAN | ● | ● | ⊙ |
| P80C_HUMAN | | ● | | RL30_HUMAN | ● | ● | ⊙ |
| PABP4_HUMAN | ● | ● | ⊙ | RL31_HUMAN | ● | ● | ⊙ |
| PAIRB_HUMAN | | ● | ○ | RL32_HUMAN | | ● | ⊙ |
| PERM_HUMAN | ○ | | | RL34_HUMAN | ● | | ⊙ |
| PHB2_HUMAN | | ⊙ | | RL35_HUMAN | ● | ● | ⊙ |
| PIP_HUMAN | | | ○ | RL35A_HUMAN | ● | ● | ⊙ |
| PKP1_HUMAN | ○ | | | RL36_HUMAN | ● | ● | ○ |
| PKP2_HUMAN | | | ⊙ | RL37A_HUMAN | ● | | ⊙ |
| PKP3_HUMAN | | | ⊙ | RL38_HUMAN | ● | ● | ○ |
| PLAK_HUMAN | ○ | | ○ | RL4_HUMAN | ● | ● | ⊙ |
| PLEC1_HUMAN | ● | ⊙ | ⊙ | RL5_HUMAN | ● | ● | |
| PLOD1_HUMAN | ● | ● | ⊙ | RL6_HUMAN | ● | ● | |
| PLOD2_HUMAN | | | ⊙ | RL7_HUMAN | | | ⊙ |
| PLOD3_HUMAN | ● | ● | | RL7A_HUMAN | | | ⊙ |
| MED1_HUMAN | ● | | | RL8_HUMAN | | | ⊙ |
| PRDX1_HUMAN | ○ | | ○ | RLA0_HUMAN | ● | ● | |
| RBM33_HUMAN | ● | ● | | RLA1_HUMAN | ● | | ⊙ |
| PSMD3_HUMAN | | ● | | RLA2_HUMAN | ● | ● | ⊙ |
| PTN11_HUMAN | | | ○ | RM12_HUMAN | | ● | |
| PYR1_HUMAN | | | ○ | RBM39_HUMAN | ● | | |
| RAPH1_HUMAN | ● | ● | | RPAC1_HUMAN | ● | | |
| RBM16_HUMAN | ● | | 1 | RPB1_HUMAN | | | ● |
| RBM3_HUMAN | | | ⊙ | RPB2_HUMAN | | | ● |
| RBM4B_HUMAN | ● | | | RS10_HUMAN | ● | ● | ⊙ |
| RBP56_HUMAN | ● | ● | ○ | RS11_HUMAN | ● | ● | ⊙ |
| RCC2_HUMAN | | | ⊙ | RS14_HUMAN | ● | ● | ⊙ |
| RCN1_HUMAN | | | ○ | RS15_HUMAN | ● | ● | ⊙ |
| REQU_HUMAN | ● | ● | | RS15A_HUMAN | ● | ● | ⊙ |
| RIOK1_HUMAN | | ● | | RS16_HUMAN | ● | ● | ⊙ |
| RL10A_HUMAN | | | ⊙ | RS23_HUMAN | ● | ● | ⊙ |
| RL11_HUMAN | ● | ● | ⊙ | RS24_HUMAN | | ● | |
| RL12_HUMAN | ● | ● | ⊙ | RS26_HUMAN | ● | ● | ⊙ |
| RL13_HUMAN | | | ⊙ | RS27_HUMAN | ● | ● | ⊙ |
| RL13A_HUMAN | | | ⊙ | RS27A_HUMAN | | ● | |
| RL17_HUMAN | ● | ● | ⊙ | RS27L_HUMAN | | | ⊙ |
| RL18A_HUMAN | ● | | ⊙ | RS28_HUMAN | ● | ● | ○ |
| RL19_HUMAN | | | ⊙ | RS29_HUMAN | ● | ● | ⊙ |
| RL21_HUMAN | ● | ● | ⊙ | RS30_HUMAN | | ● | |
| RL22_HUMAN | ● | ● | ⊙ | RS4X_HUMAN | | | ⊙ |

| | | | | | | | | |
|-------------|---|---|---|-------------|---|---|---|---|
| RS8_HUMAN | | | ⊙ | TBB2C, | ● | ⊙ | ⊙ | |
| RS9_HUMAN | | | ⊙ | TBB5_HUMAN | | | | |
| RT17_HUMAN | | | ○ | TBB2C_HUMAN | ● | | ⊙ | |
| RT27_HUMAN | ● | | | TBL2_HUMAN | ● | | | |
| RT28_HUMAN | ● | ● | | TCP4_HUMAN | ● | ● | ⊙ | |
| RT29_HUMAN | ● | | | TCPA_HUMAN | | | ○ | |
| RXRB_HUMAN | ● | | | TCPG_HUMAN | ● | | ○ | |
| S10A4_HUMAN | | | ○ | TFG_HUMAN | ● | ⊙ | ⊙ | |
| SAFB1_HUMAN | | | ⊙ | TFR1_HUMAN | | | ○ | |
| KHDR1_HUMAN | ● | ● | ⊙ | THIO_HUMAN | ○ | ⊙ | ⊙ | |
| SEC13_HUMAN | ● | | | TIF1B_HUMAN | | | ⊙ | |
| SEMG1_HUMAN | ○ | | | TRI33_HUMAN | ● | | | |
| SERA_HUMAN | ● | ○ | ⊙ | TIM14_HUMAN | | | ○ | |
| SFR15_HUMAN | ● | ● | | TM109_HUMAN | ● | ● | | |
| SFRS8_HUMAN | ● | | | TMEDA_HUMAN | | | ○ | |
| SKP1_HUMAN | | | ⊙ | TMOD3_HUMAN | | ○ | | |
| SMC4_HUMAN | ● | | | TPM4_HUMAN | | | ○ | |
| SMCA2_HUMAN | ● | ● | | TR150_HUMAN | ● | | | |
| SMCA4_HUMAN | ● | ● | | TRFL_HUMAN | ○ | | | |
| SMCE1_HUMAN | ● | ● | | TRI25_HUMAN | ● | ● | ⊙ | |
| SMN_HUMAN | ● | ● | | TSSC4_HUMAN | | | ○ | |
| SMRC1_HUMAN | ● | ● | | UBIQ_HUMAN | | ○ | | |
| SMRC2_HUMAN | ● | ● | | UBP2L_HUMAN | ● | ● | | |
| SMRD1_HUMAN | ● | ● | | QCR8, | | | | ⊙ |
| SMRD2_HUMAN | ● | ● | | QCR7_HUMAN | | | | ○ |
| SMRD3_HUMAN | ● | ● | | USP9X_HUMAN | | ○ | ⊙ | |
| SNF5_HUMAN | ● | ● | | VIME_HUMAN | | | | |
| SPT16_HUMAN | ● | | | WIPF1_HUMAN | ● | ● | | |
| SPTA2_HUMAN | | ○ | | WASL_HUMAN | ● | ● | | |
| SRC8_HUMAN | | | ⊙ | WDR23_HUMAN | | | | ⊙ |
| SRP09_HUMAN | ● | ● | ⊙ | WDR33_HUMAN | ● | | | |
| SRP14_HUMAN | ● | ● | ⊙ | WDR5_HUMAN | ● | | | |
| SSBP3_HUMAN | ● | ● | | WDR61_HUMAN | | ● | | |
| SSBP4_HUMAN | ● | ● | | WDR68_HUMAN | ● | ● | | |
| SSRP1_HUMAN | ● | ● | | WIPF2_HUMAN | ● | ● | | |
| STRAP_HUMAN | ● | ● | | WRIP1_HUMAN | ● | ● | | |
| SYEP_HUMAN | ● | | ○ | YLPM1_HUMAN | ● | | | 3 |
| SYIC_HUMAN | | | ○ | YTHD2_HUMAN | ● | ● | | |
| TBA4A_HUMAN | | ⊙ | ○ | ZCCHV_HUMAN | | ● | ⊙ | |
| TBA1B_HUMAN | ● | ⊙ | ⊙ | ZN598_HUMAN | ● | ● | | 2 |