| Accession  | Name                                      | Species               |
|-----------|-------------------------------------------|-----------------------|
| sp|P04264|K2C1_HUMAN | Keratin, type II cytoskeletal 1 OS=Homo sapiens GN=KRT1 PE=1 SV=6 |
| sp|P07355|ANXA2_HUMAN | Annexin A2 OS=Homo sapiens GN=ANXA2 PE=1 SV=2 |
| sp|P13645|K1C10_HUMAN | Keratin, type I cytoskeletal 10 OS=Homo sapiens GN=KRT10 PE=1 SV=6 |
| sp|P22626|ROA2_HUMAN | Heterogeneous nuclear ribonucleoproteins A2/B1 OS=Homo sapiens GN=HNRNPA2B1 PE=1 SV=2 |
| sp|P14923|PLAK_HUMAN | Junction plakoglobin OS=Homo sapiens GN=JUP PE=1 SV=3 |
| sp|P15924|DESP_HUMAN | Desmoplakin OS=Homo sapiens GN=DSP PE=1 SV=3 |
| sp|P09651|ROA1_HUMAN | Heterogeneous nuclear ribonucleoprotein A1 OS=Homo sapiens GN=HNRNPA1 PE=1 SV=5 |
| sp|P03790|KRT86_HUMAN | Keratin, type II cuticular Hb6 OS=Homo sapiens GN=KRT86 PE=1 SV=1 |
| sp|P62873|GBB1_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1 OS=Homo sapiens GN=GNB1 PE=1 SV=3 |
| sp|P13647|K2C5_HUMAN | Keratin, type II cytoskeletal 5 OS=Homo sapiens GN=KRT5 PE=1 SV=3 |
| sp|P35908|K22E_HUMAN | Keratin, type II cytoskeletal 2 epidermal OS=Homo sapiens GN=KRT2 PE=1 SV=2 |
| sp|P68363|TB1A_HUMAN | Tubulin alpha-1B chain OS=Homo sapiens GN=TUBA1B PE=1 SV=1 |
| sp|P35527|K1C9_HUMAN | Keratin, type I cytoskeletal 9 OS=Homo sapiens GN=KRT9 PE=1 SV=3 |
| sp|P62879|GBB2_HUMAN | Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-2 OS=Homo sapiens GN=GNB2 PE=1 SV=3 |
| sp|P14928|HSP7C_HUMAN | Heat shock cognate 71 kDa protein OS=Homo sapiens GN=HSPA8 PE=1 SV=1 |
| sp|P03835|PKP1_HUMAN | Plakophilin-1 OS=Homo sapiens GN=PKP1 PE=1 SV=2 |
| sp|P68285|H4_HUMAN | Histone H4 OS=Homo sapiens GN=HIST1H4A PE=1 SV=2 |
| sp|P03885|TB2A_HUMAN | Tubulin beta-2A chain OS=Homo sapiens GN=TUB2A PE=1 SV=1 |
| sp|P05787|K2C8_HUMAN | Keratin, type II cytoskeletal 8 OS=Homo sapiens GN=KRT8 PE=1 SV=7 |

Table S3. The list of WFDC21P-interacting proteins identified by mass spectrometry.
| Accession | Description | Source | Species | Reference |
|-----------|-------------|--------|---------|-----------|
| sp|Q5VTE0|EF1A3_HUMAN|Putative elongation factor 1-alpha-like 3|Homo sapiens|GN=EEF1A1P5 PE=5 SV=1|
| sp|Q99880|H2B1L_HUMAN|Histone H2B type 1-L|Homo sapiens|GN=HIST1H2BL PE=1 SV=3|
| sp|P07195|LDHB_HUMAN|L-lactate dehydrogenase B chain|Homo sapiens|GN=LDHB PE=1 SV=2|
| sp|Q71D3|H32_HUMAN|Histone H3.2|Homo sapiens|GN=HIST2H3A PE=1 SV=3|
| sp|P04792|HSPB1_HUMAN|Heat shock protein beta-1|Homo sapiens|GN=HSPB1 PE=1 SV=2|
| sp|Q9NS84|KRT82_HUMAN|Keratin, type II cuticular Hb2|Homo sapiens|GN=KRT82 PE=1 SV=3|
| sp|P31942|1433Z_HUMAN|14-3-3 protein zeta/delta|Homo sapiens|GN=YWHAZ PE=1 SV=1|
| sp|P13987|CD59_HUMAN|CD59 glycoprotein|Homo sapiens|GN=CD59 PE=1 SV=1|
| sp|Q63104|TBB4B_HUMAN|Tubulin beta-4B chain|Homo sapiens|GN=TUBB4B PE=1 SV=1|
| sp|P68371|1433T_HUMAN|14-3-3 protein theta|Homo sapiens|GN=YWHAQ PE=1 SV=1|
| sp|P62906|RL10A_HUMAN|60S ribosomal protein L10a|Homo sapiens|GN=RPL10A PE=1 SV=2|
| sp|Q9BTM1|H2AJ_HUMAN|Histone H2A.J|Homo sapiens|GN=H2AFJ PE=1 SV=1|
| sp|Q99880|H2B1L_HUMAN|Histone H2B type 1-L|Homo sapiens|GN=HIST1H2BL PE=1 SV=3|
| sp|P63014|1433Z_HUMAN|14-3-3 protein zeta/delta|Homo sapiens|GN=YWHAZ PE=1 SV=1|
| sp|P13987|CD59_HUMAN|CD59 glycoprotein|Homo sapiens|GN=CD59 PE=1 SV=1|
| sp|Q63104|TBB4B_HUMAN|Tubulin beta-4B chain|Homo sapiens|GN=TUBB4B PE=1 SV=1|
| sp|P68371|1433T_HUMAN|14-3-3 protein theta|Homo sapiens|GN=YWHAQ PE=1 SV=1|
| sp|P62906|RL10A_HUMAN|60S ribosomal protein L10a|Homo sapiens|GN=RPL10A PE=1 SV=2|
| sp|Q9BTM1|H2AJ_HUMAN|Histone H2A.J|Homo sapiens|GN=H2AFJ PE=1 SV=1|
| sp|Q99880|H2B1L_HUMAN|Histone H2B type 1-L|Homo sapiens|GN=HIST1H2BL PE=1 SV=3|
| Gene ID | Name | Description |
|---------|------|-------------|
| sp|P51149|RAB7A_HUMAN| Ras-related protein Rab-7a OS=Homo sapiens GN=RAB7A PE=1 SV=1 |
| sp|P48147|PPCE_HUMAN| Prolyl endopeptidase OS=Homo sapiens GN=PREP PE=1 SV=2 |
| sp|Q98YU5|KRA21_HUMAN| Keratin-associated protein 2-1 OS=Homo sapiens GN=KRTAP2-1 PE=2 SV=2 |
| sp|P9810|PDC10_HUMAN| Programmed cell death protein 10 OS=Homo sapiens GN=PDCD10 PE=1 SV=1 |
| sp|Q15366|PCBP2_HUMAN| Poly(rC)-binding protein 2 OS=Homo sapiens GN=PCBP2 PE=1 SV=1 |
| sp|P28838|AMPI_HUMAN| Cytoplasmic aminopeptidase OS=Homo sapiens GN=LAP3 PE=1 SV=3 |
| sp|P26641|EF1G_HUMAN| Elongation factor 1-gamma OS=Homo sapiens GN=EEF1G PE=1 SV=3 |
| sp|P14618|KPYM_HUMAN| Pyruvate kinase PKM OS=Homo sapiens GN=PKM PE=1 SV=4 |
| sp|P12004|PCNA_HUMAN| Proliferating cell nuclear antigen OS=Homo sapiens GN=PCNA PE=1 SV=1 |
| sp|P07477|TRY1_HUMAN| Trypsin-1 OS=Homo sapiens GN=PRSS1 PE=1 SV=1 |
| sp|Q10589|BST2_HUMAN| Bone marrow stromal antigen 2 OS=Homo sapiens GN=BST2 PE=1 SV=1 |
| sp|Q3LI64|KRA61_HUMAN| Keratin-associated protein 6-1 OS=Homo sapiens GN=KRTAP6-1 PE=2 SV=1 |
| sp|P37837|TALDO_HUMAN| Transaldolase OS=Homo sapiens GN=TALDO1 PE=1 SV=2 |
| sp|P23396|RS3_HUMAN| 40S ribosomal protein S3 OS=Homo sapiens GN=RPS3 PE=1 SV=2 |
| sp|P12273|PIP_HUMAN| Prolectin-inducible protein OS=Homo sapiens GN=PIL PE=1 SV=1 |
| sp|P18669|PGAM1_HUMAN| Phosphoglycerate mutase 1 OS=Homo sapiens GN=PGAM1 PE=1 SV=2 |
| sp|P40925|MDHC_HUMAN| Malate dehydrogenase, cytoplasmic OS=Homo sapiens GN=MDH1 PE=1 SV=4 |
| sp|Q53RT3|APRV1_HUMAN| Retroviral-like aspartic protease 1 OS=Homo sapiens GN=ASPRV1 PE=1 SV=1 |
| sp|P17931|LEG3_HUMAN| Galectin-3 OS=Homo sapiens GN=LGALS3 PE=1 SV=5 |
| sp|P08238|HS90B_HUMAN| Heat shock protein HSP 90-beta OS=Homo sapiens GN=HSP90AB1 PE=1 SV=4 |
| sp|P22392|NDK6_HUMAN| Nucleoside diphosphate kinase B OS=Homo sapiens GN=NME2 PE=1 SV=1 |
| sp|P35030|TRY3_HUMAN| Trypsin-3 OS=Homo sapiens GN=PRSS3 PE=1 SV=2 |
| sp|P21291|CSRP1_HUMAN| Cysteine and glycine-rich protein 1 OS=Homo sapiens GN=CSRP1 PE=1 SV=3 |
| sp|Q05137|DTNA_HUMAN| Dystrobrevin alpha OS=Homo sapiens GN=DTNA PE=1 SV=2 |
| sp|Q70508|WDR1_HUMAN| WD repeat-containing protein 1 OS=Homo sapiens GN=WDR1 PE=1 SV=4 |
| sp|P25311|ZA2G_HUMAN| Zinc-alpha-2-glycoprotein OS=Homo sapiens GN=A2GPI PE=1 SV=2 |
| sp|Q5FWF4|ZRAB3_HUMAN| DNA annealing helicase and endonuclease ZRANB3 OS=Homo sapiens GN=ZRANB3 PE=1 SV=2 |
| sp|Q092688|AN32B_HUMAN| Acidic leucine-rich nuclear phosphoprotein 32 family member B OS=Homo sapiens GN=ANP32B PE=1 SV=1 |
| sp|P00403|COX2_HUMAN| Cytochrome c oxidase subunit 2 OS=Homo sapiens GN=MT-CO2 PE=1 SV=1 |
| sp|P07947|YES_HUMAN| Tyrosine-protein kinase Yes OS=Homo sapiens GN=YES1 PE=1 SV=3 |