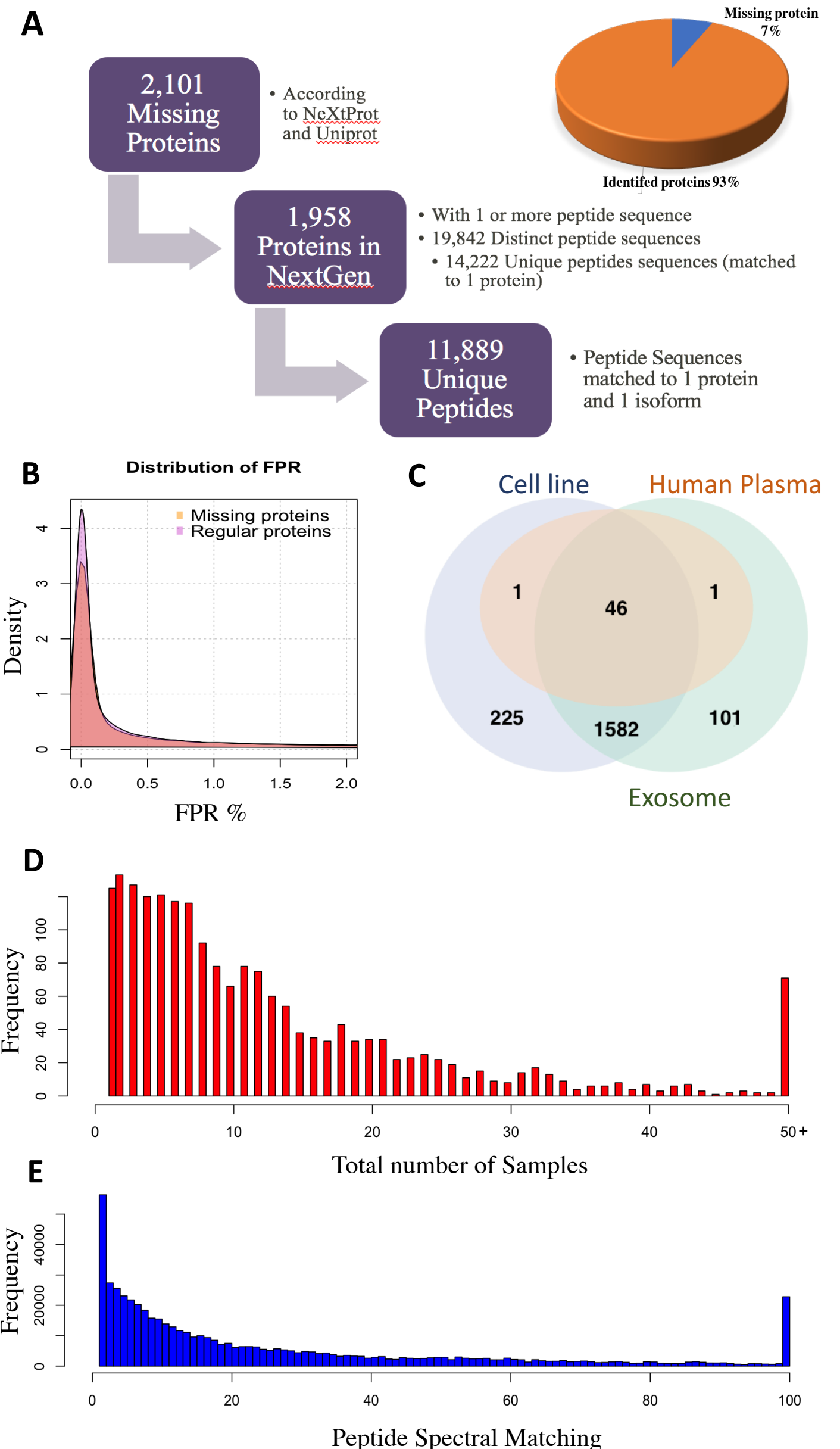


# Meta Analysis of the Pan Cancer Proteome Reveals Protein Evidence of 1,958 Proteins without any prior translational evidence

Figure 1



Protein existence	Accession	Protein Name	Protein Description	Gene names	N Samples Detected (Total 513 Cell Line and Patient Samples)	Length	Percent Coverage	Non Unique Peptide Count	Unique Peptide Count	Protein Residue Count
Uncertain	A6NMY6	sp A6NMY6 AXA2L_HUMAN	Putative annexin A2-like protein OS=Homo sapiens OX=9606 GN=ANXA2P2 PE=5 SV=2	ANXA2P2 ANX2L2 ANX2P2 LPC2B	471	339	100	376	376	339
Uncertain	O60361	sp O60361 NDK8_HUMAN	Putative nucleoside diphosphate kinase OS=Homo sapiens OX=9606 GN=NME2P1 PE=5 SV=1	NME2P1	455	137	100	113	113	137
Uncertain	Q58FF6	sp Q58FF6 H90B4_HUMAN	Putative heat shock protein HSP 90-beta 4 OS=Homo sapiens OX=9606 GN=HSP90AB4P PE=5 SV=1	HSP90AB4P	447	505	98.812	300	235	505
Uncertain	P01893	sp P01893 HLAH_HUMAN	Putative HLA class I histocompatibility antigen, alpha chain H OS=Homo sapiens OX=9606 GN=HLA-H PE=5 SV=3	HLA-H HLAH	425	362	99.724	205	205	362
Uncertain	Q9BYX7	sp Q9BYX7 ACTBM_HUMAN	Putative beta-actin-like protein 3 OS=Homo sapiens OX=9606 GN=POTEKP PE=5 SV=1	POTEKP ACTBL3 FKSG30	385	375	100	181	181	375
Uncertain	Q58FG1	sp Q58FG1 HS904_HUMAN	Putative heat shock protein HSP 90-alpha A4 OS=Homo sapiens OX=9606 GN=HSP90AA4P PE=5 SV=1	HSP90AA4P HSP90AD HSPCAL2	361	418	95.933	204	170	418
Uncertain	P0C7P4	sp P0C7P4 UCRIL_HUMAN	Putative cytochrome b-c1 complex subunit Rieske-like protein 1 OS=Homo sapiens OX=9606 GN=UQCRFS1P1 PE=5 SV=1	UQCRFS1P1 UQCRFSL1	355	283	100	145	145	283
Uncertain	Q58FF7	sp Q58FF7 H90B3_HUMAN	Putative heat shock protein HSP 90-beta-3 OS=Homo sapiens OX=9606 GN=HSP90AB3P PE=5 SV=1	HSP90AB3P HSP90BC	349	597	99.832	456	375	597
Uncertain	Q92928	sp Q92928 RAB1C_HUMAN	Putative Ras-related protein Rab-1C OS=Homo sapiens OX=9606 GN=RAB1C PE=5 SV=2	RAB1C	347	201	100	138	135	201
Uncertain	Q9BZK3	sp Q9BZK3 INACP4_HUMAN	Putative nascent polypeptide-associated complex subunit alpha-like protein OS=Homo sapiens OX=9606 GN=NACA4P PE=5 SV=1	NACA4P NACAP1 FKSG17	342	213	90.61	39	39	213
Uncertain	B2RPK0	sp B2RPK0 HGB1A_HUMAN	Putative high mobility group protein B1-like 1 OS=Homo sapiens OX=9606 GN=HMGB1P1 PE=5 SV=1	HMGB1P1 HMG1L1 HMGB1L1	337	211	89.1	138	138	211
Uncertain	Q5T1J5	sp Q5T1J5 CHCH9_HUMAN	Putative coiled-coil-helix-coiled-coil-helix domain-containing protein CHCHD2P9, mitochondrial OS=Homo sapiens OX=9606 GN=CHCHD2P9 PE=5 SV=1	CHCHD2P9 C9orf49 CHCHD9	333	151	96.026	51	51	151
Uncertain	P48741	sp P48741 HSP77_HUMAN	Putative heat shock 70 kDa protein 7 OS=Homo sapiens OX=9606 GN=HSPA7 PE=5 SV=2	HSPA7 HSP70B	327	367	99.728	169	169	367
Uncertain	Q8NHW5	sp Q8NHW5 IRLA0L_HUMAN	60S acidic ribosomal protein P0-like OS=Homo sapiens OX=9606 GN=RPLP0P6 PE=5 SV=1	RPLP0P6	323	317	100	165	165	317
Uncertain	Q9H853	sp Q9H853 TBA4B_HUMAN	Putative tubulin-like protein alpha-4B OS=Homo sapiens OX=9606 GN=TUBA4B PE=5 SV=2	TUBA4B TUBA4	311	241	100	79	79	241
Evidence at transcript level	A6NHG4	sp A6NHG4 DDTL_HUMAN	D-dopachrome decarboxylase-like protein OS=Homo sapiens OX=9606 GN=DDTL PE=2 SV=1	DDTL	289	134	100	64	64	134
Uncertain	Q8NFI4	sp Q8NFI4 F10A5_HUMAN	Putative protein FAM10A5 OS=Homo sapiens OX=9606 GN=ST13P5 PE=5 SV=1	ST13P5 FAM10A5	288	369	90.244	166	131	369
Uncertain	Q6DRA6	sp Q6DRA6 H2B2D_HUMAN	Putative histone H2B type 2-D OS=Homo sapiens OX=9606 GN=H2BC19P PE=5 SV=3	H2BC19P HIST2H2BD	279	164	87.805	80	51	164
Uncertain	Q5VTE0	sp Q5VTE0 EF1A3_HUMAN	Putative elongation factor 1-alpha-like 3 OS=Homo sapiens OX=9606 GN=EEF1A1P5 PE=5 SV=1	EEF1A1P5 EEF1AL3	273	462	98.052	497	497	462
Uncertain	Q81ZP2	sp Q81ZP2 ST134_HUMAN	Putative protein FAM10A4 OS=Homo sapiens OX=9606 GN=ST13P4 PE=5 SV=1	ST13P4 FAM10A4	273	240	92.5	175	140	240
Evidence at transcript level	Q9C0K3	sp Q9C0K3 ARP3C_HUMAN	Actin-related protein 3C OS=Homo sapiens OX=9606 GN=ACTR3C PE=2 SV=1	ACTR3C ARP11	266	210	100	76	76	210
Inferred from homology	Q5SRD0	sp Q5SRD0 WAC2D_HUMAN	WASH complex subunit 2D OS=Homo sapiens OX=9606 GN=WASHC2D PE=3 SV=2	WASHC2D FAM21D	257	308	95.779	68	68	308

Figure 2

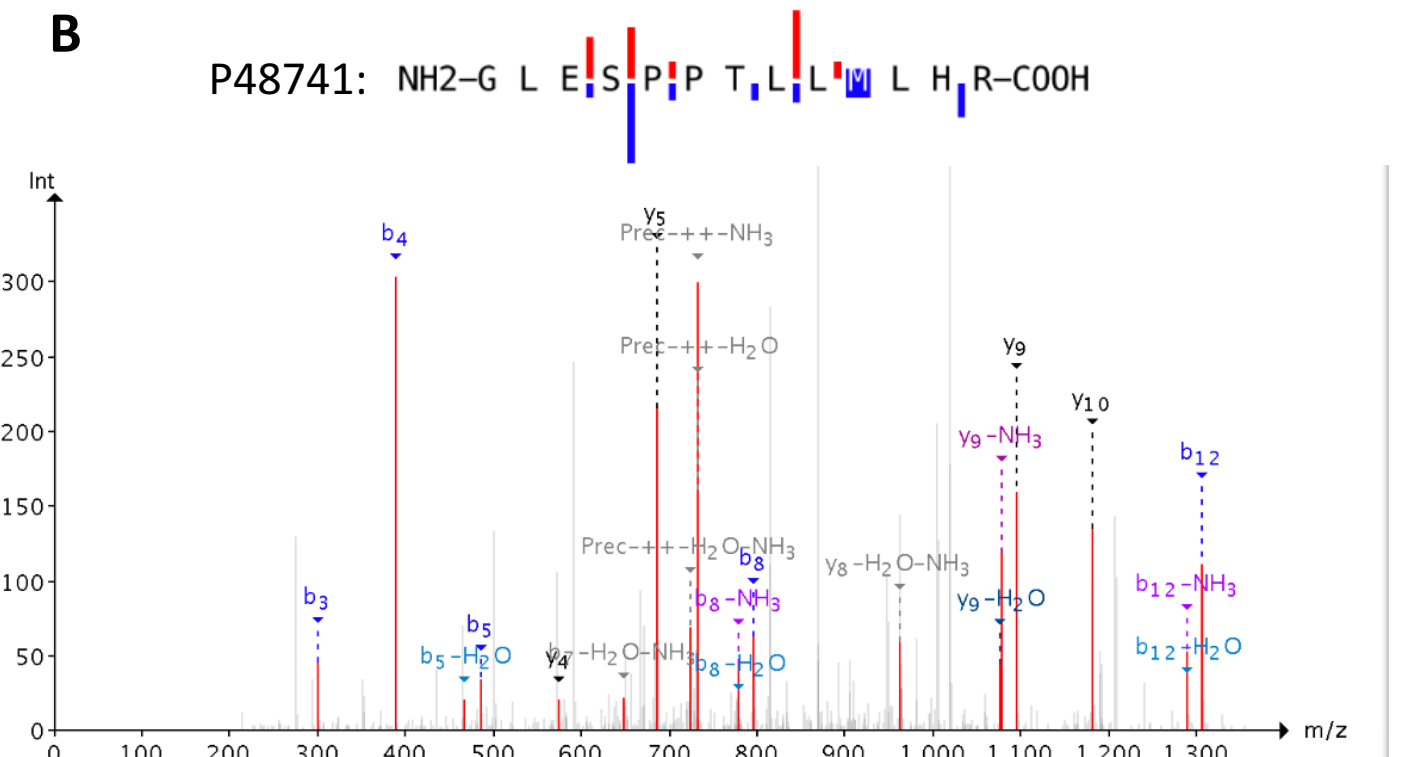
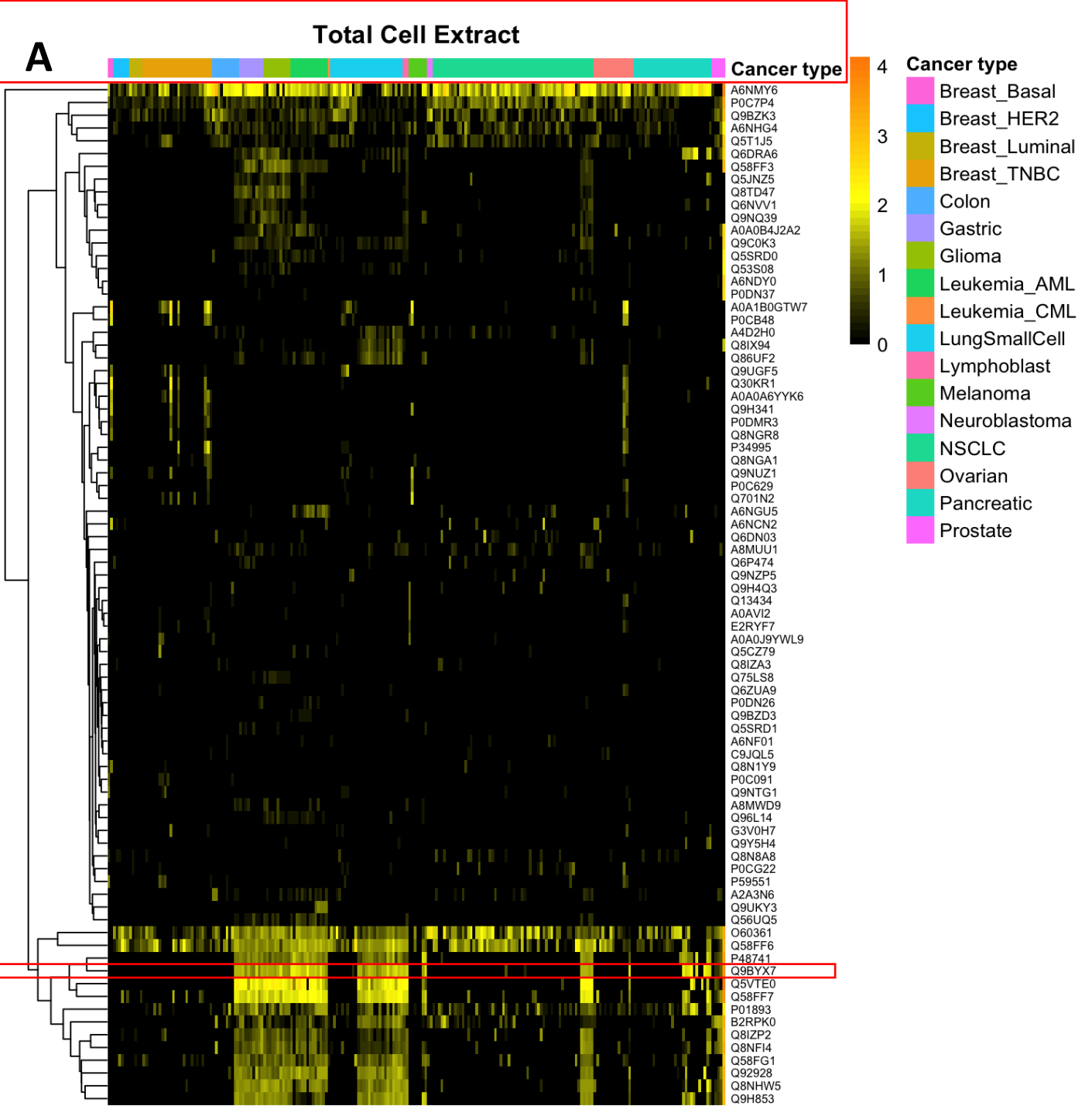
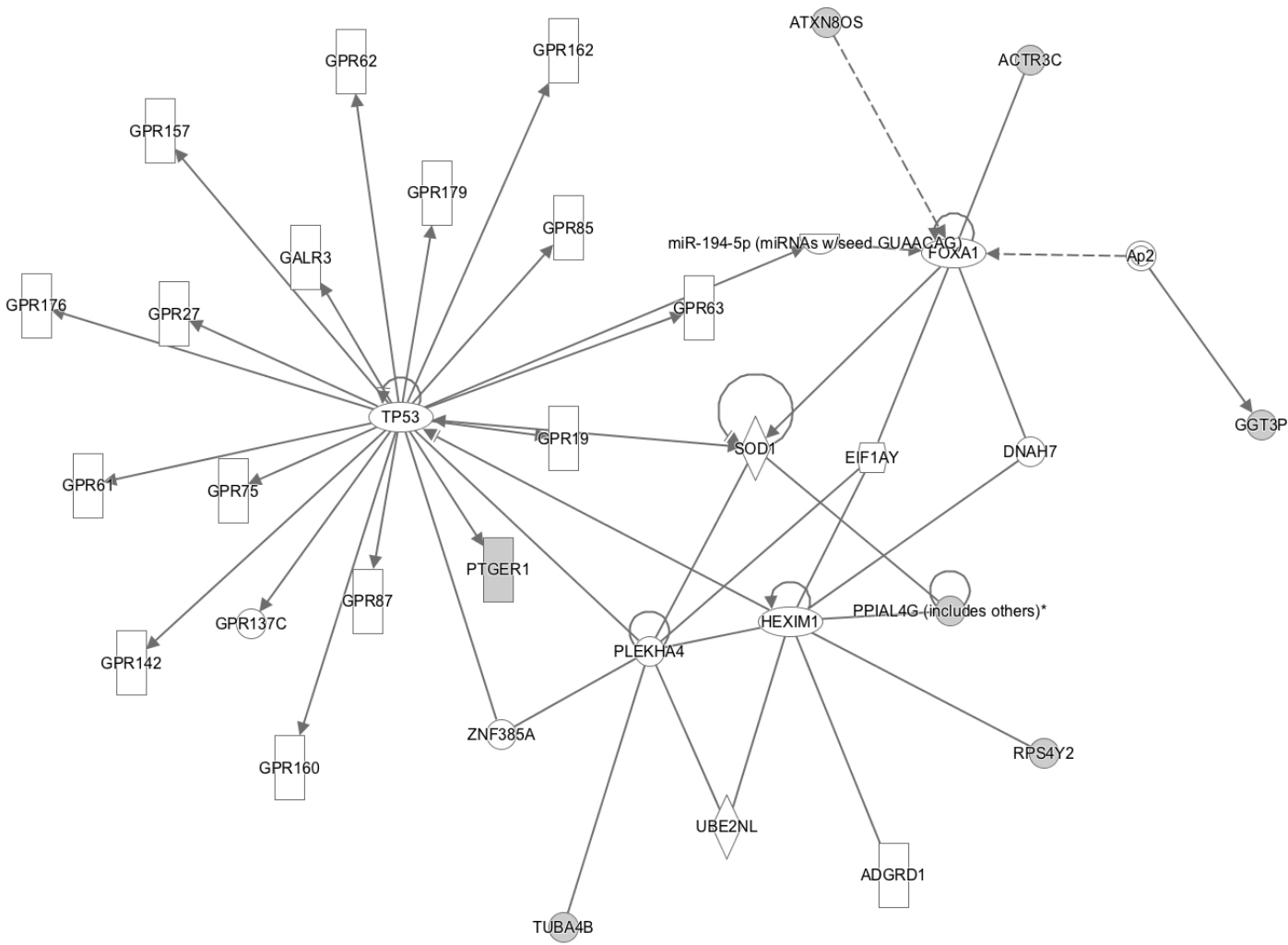



Figure 3

A

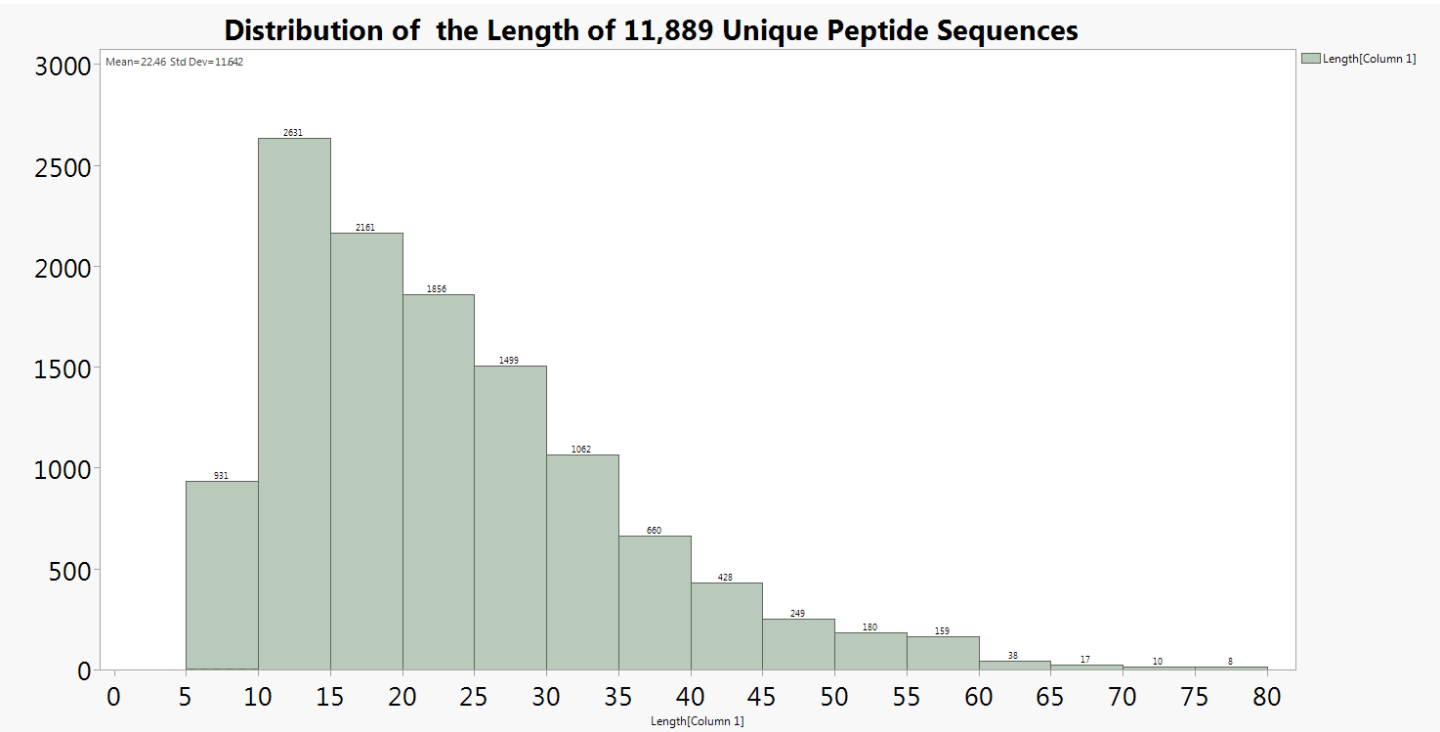


B

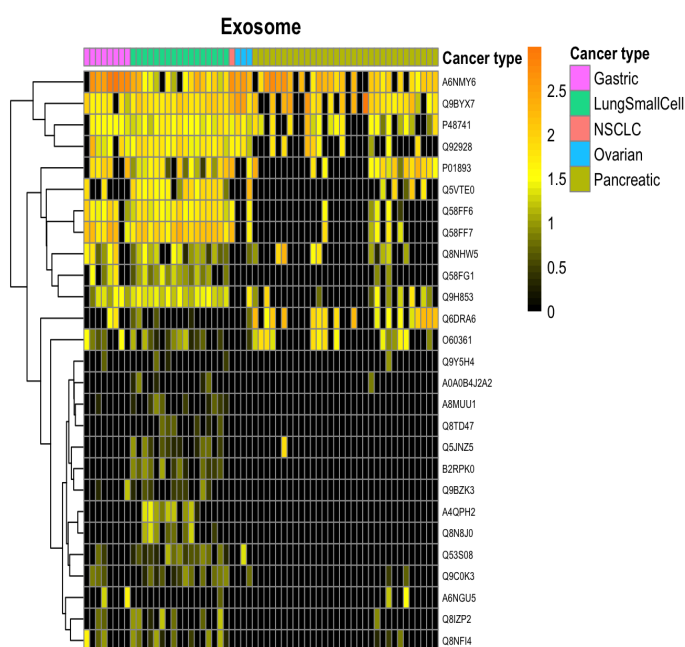
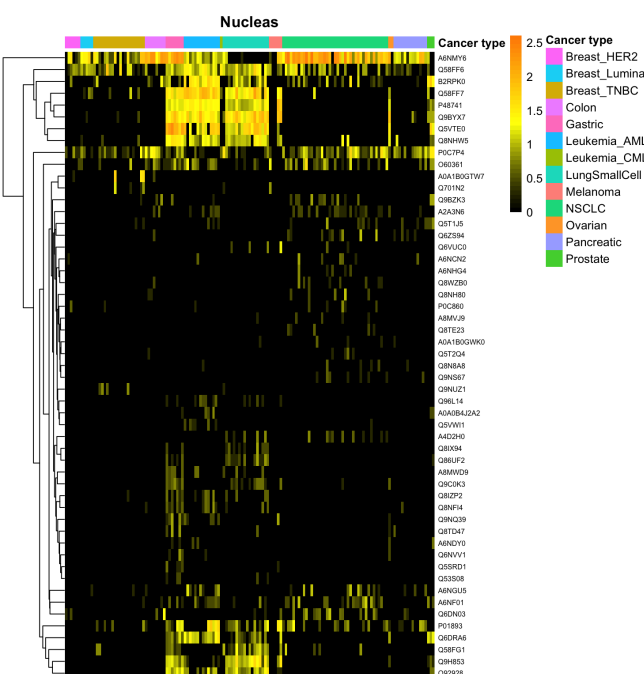
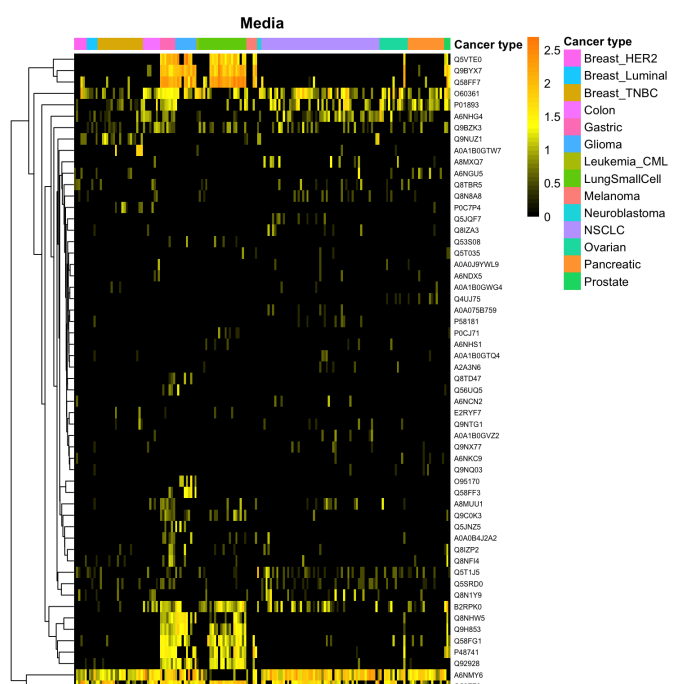
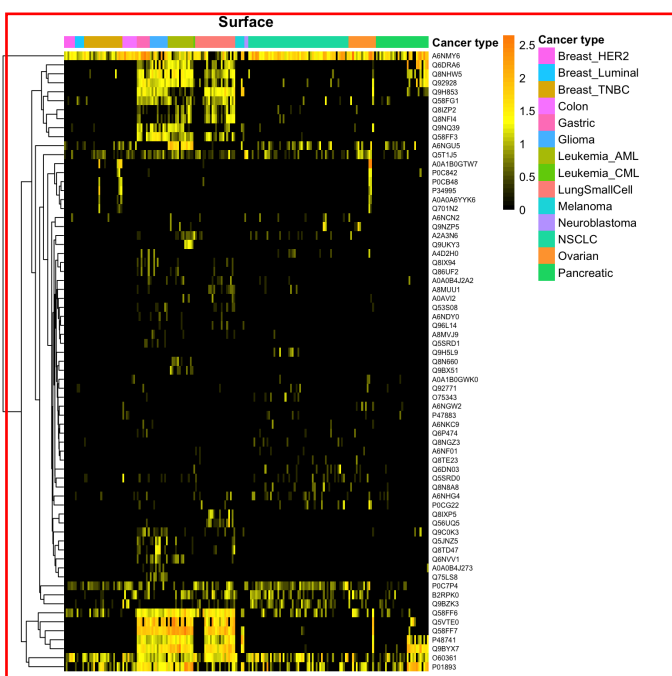
Diseases and Disorders

Name	p-value range	
Cancer		4.37E-02 – 1.16E-03
Dermatological Diseases and Conditions		3.05E-02 – 1.16E-03
Organismal Injury and Abnormalities		4.68E-02 – 1.16E-03
Hereditary Disorder		4.22E-03 – 1.41E-03
Neurological Disease		2.09E-02 – 1.41E-03

# Supplementary Figure 1



## Supplementary Figure 2



Supplementary Figure 3

