

Supplementary Table 1. List of proteins on common of serine phosphoproteins of CC group compared to non-phosphorylated proteins of control group.

NCBI-IP	Proteins CC (Phospho)/ Control (No phospho)	Peptides count	Coverage (%)	Confidence score
P60709 P63261 A0A2R8Y793 I3L1U9 I3L3I0 I3L4N8 P63267-2 A0A2R8YGF8 E7EVS6 G5E9R0 I3L3R2 J3KT65 K7EM38 A0A2R8YEA7 B8ZZJ2 C9JTX5 C9JUM1 C9JZR7 F8WB63 A0A2R8YFE2 F8WCH0 Q9BYX7	Actin_ cytoplasmic 1	68	2.933	272.4554
Q01518 Q01518-2 Q5T0R1	Adenylyl cyclase-associated protein 1	15	5.89	75.7606

Q5T0R9				
Q5T0R2				
Q5T0R3				
Q5T0R4				
Q5T0R5				
Q5T0R6				
Q5T0R7				
P01011	Alpha-1-antichymotrypsin	31	2.364	139.9043
G3V3A0				
G3V595				
P01011-2				
O43707	Alpha-actinin-4	36	8.56	250.2948
O43707-2				
H9KV75				
P12814				
P12814-2				
P12814-3				
P12814-4				
F5GXS2				
O43707-3				
H7C144				
G3V2W4				
H0YJ11				
H0YJW3				
H7C5W8				
K7EJH8				
G3V2N5				
A0A087WSZ2				
G3V2E8				
G3V2X9				
G3V5M4				

Q08043				
P06733 A0A2R8Y6G6 P06733-2 K7EM90 A0A2R8Y798 A0A2R8Y879 A0A2R8YEG5 A0A2R8YEM5 K7ERS8 P13929-3	Alpha-enolase	30	6.91	189.5342
P12429 D6RA82 D6RFG5 D6RCA8 D6RAZ8	Annexin A3	27	3.096	126.0585
P04114	Apolipoprotein B-100	61	3.15	256.5224
P13929 E5RG95 E5RGZ4 E5RI09 K7EKN2 K7EPM1 P13929-2	Beta-enolase	10	6.91	61.902
P00915 E5RFE7 E5RHP7 E5RJI8 E5RG81	Carbonic anhydrase 1	36	9.19	138.346

E5RH81				
E5RJF6				
H0YBE2				
P08311	Cathepsin G	25	8.23	73.2588
Q5VT06	Centrosome-associated protein 350	15	1.155	54.7112
H0Y7F7				
H0Y6Q4				
A2A4F6				
E9PIK0				
H0YD38				
P00450				
E9PFZ2				
H7C5R1				
D6RE86				
P10909	Clusterin	7	5.12	31.2289
P10909-2				
P10909-4				
P10909-5				
P10909-3				
H0YAS8				
H0YC35				
E7ERK6				
H0YLK8				
E5RG36				
E5RGB0				
E5RH61				
E5RJZ5				
E7ETB4				
P23528				
E9PK25				
E9PP50				

G3V1A4 E9PLJ3 E9PQB7 E9PS23 Q9Y281 Q9Y281-3				
P12111 E7ENL6 P12111-2 P12111-3 P12111-4 P12111-5 C9JNG9	Collagen alpha-3(VI) chain	14	1.10	49.3082
A8TX70 A8TX70-2 E9PAL5 H0Y935	Collagen alpha-5(VI) chain	18	0.42	76.5644
Q8IVF4 A0A1C7CYW8 A0A0J9YY17	Dynein heavy chain 10_ axonemal	21	0.25	86.0591
Q8TD57 Q8TD57-3 Q8TD57-2	Dynein heavy chain 3_ axonemal	16	0.85	52.6606
Q9NYC9	Dynein heavy chain 9_ axonemal	40	0.95	147.4929
P02675 D6REL8	Fibrinogen beta chain	44	3.66	257.9515
P06396 A0A0A0MS51 A0A0A0MT01 P06396-2	Gelsolin	13	5.498	84.8484

P06396-3 P06396-4				
P04792 F8WE04 C9J3N8	Heat shock protein beta-1	29	4.87	137.4486
P0DOY2 P0DOY3 A0M8Q6 P0CF74 A0A0B4J231 B9A064 P0CG04	Immunoglobulin lambda constant 2	18	16.98	63.314
P13645	Keratin_ type I cytoskeletal 10	60	7.36	333.4504
P02533 K7ENW6 Q7Z3Y9	Keratin_ type I cytoskeletal 14	63	11.86	295.7665
P19012 A8MT21 P19012-2 C9JTG5 Q04695 F5GWP8 K7EPJ9	Keratin_ type I cytoskeletal 15	98	6.789	415.8429
P08779	Keratin_ type I cytoskeletal 16	47	13.74	377.219
P08727 C9JM50 K7EMS3	Keratin_ type I cytoskeletal 19	73	2	450.5063
P04264 A0A1W2PQU7 A0A1W2PRT3 A0A1W2PS58	Keratin_ type II cytoskeletal 1	110	6.36	412.4752

K7EPI4 Q6KB66 Q6KB66-2 Q6KB66-3				
P19013 H0YIC5	Keratin_ type II cytoskeletal 4	134	2.43	518.8999
P02538	Keratin_ type II cytoskeletal 6A	90	6.737	708.9958
P48668 Q01546 Q9NSB2 A0A087X106 B4DIR1 F8VS61 H0YHD9 K7EKH9 K7ELP4 O43790 P78385 Q14533 Q14CN4 Q14CN4-2 Q14CN4-3 U3KPR1	Keratin_ type II cytoskeletal 6C	150	4.96	700.0887
O95678	Keratin_ type II cytoskeletal 75	52	2.54	293.3287
Q5XKE5 H0YID6	Keratin_ type II cytoskeletal 79	38	6.542	172.8744
P05787 P05787-2 F8VUG2 F8W1U3 A0A1W2PR46	Keratin_ type II cytoskeletal 8	44	7.45	274.6775

A0A1X7SBR3 A0A1X7SCE1 K7EJU1 K7EMP8 P14136 P14136-2 P14136-3 F8VP67				
P02788 E7EQB2 E7ER44 P02788-2 C9JCF5	Lactotransferrin	75	3.098	290.4927
P30740 P30740-2	Leukocyte elastase inhibitor	37	3.43	163.1504
P13796 P13796-2 Q5TBN3 A0A0A0MSQ0 P13797 P13797-2 P13797-3 U3KQI3	Plastin-2	44	8.77	247.5619
Q15149;Q15149- 2;Q15149- 3;Q15149- 4;Q15149- 5;Q15149- 6;Q15149- 7;Q15149-	Plectin	40	0.469	167.2703

8;Q15149- 9;E9PMV1 H0YDN1				
Q07954	Prolow-density lipoprotein receptor-related protein 1	15	1.25	66.4491
A0A1B0GUS7	Protein unc-13 homolog B	8	0.967	30.6686
A0A087WVP1 Q14517	Protocadherin Fat 1	9	0.545	27.2938
Q6WKZ4 Q6WKZ4-1	Rab11 family-interacting protein 1	2	1.247	7.1718
P29508 P29508-2 H0Y5H9 C9JZ65	Serpin B3	39	9.487	310.5015
P04179 P04179-2 P04179-4 P04179-3 F5GYZ5 F5H3C5 F5H4R2 G8JLJ2	Superoxide dismutase [Mn]_ mitochondrial	6	15.765	42.06