

Supplementary table 1*14-3-3 proteins*

14-3-3 protein beta/alpha	14-3-3 protein beta/alpha
14-3-3 protein epsilon	14-3-3 protein epsilon
14-3-3 protein gamma	14-3-3 protein gamma
14-3-3 protein theta	14-3-3 protein theta
14-3-3 protein zeta/delta	14-3-3 protein zeta/delta

Actins

actin, cytoplasmic 2	Actin, cytoplasmic 1*
actin-related protein	Actin-related protein 2
actin-related protein 2/3 complex subunit 4 isoform a	Actin-related protein 2/3 complex subunit 4

Annexins

annexin A1	Annexin A1
annexin A11	Annexin A11
annexin A2 isoform 2	Annexin A2
annexin A3	Annexin A3
annexin A7 isoform 1	Annexin A7

CD-Antigens

CD63 antigen isoform A	CD63 antigen
CD81 antigen	CD81 antigen
CD9 antigen	CD9 antigen
dipeptidyl peptidase 4	Dipeptidyl peptidase 4 (CD26)
leukocyte surface antigen CD47 isoform 1 precursor	Leukocyte surface antigen CD47
basigin (Ok blood group), isoform CRA_d	Basigin (CD147)

GTP-binding proteins

GTP-binding protein alpha q	GTP-binding nuclear protein Ran
	GTP-binding protein Rheb
guanine nucleotide-binding protein alpha-i subunit	Guanine nucleotide-binding protein G(i) subunit alpha-1
	Guanine nucleotide-binding protein G(i) subunit alpha-2
	Guanine nucleotide-binding protein G(I)/G(S)/G(T) subunit beta-1
	Guanine nucleotide-binding protein

	G(I)/G(S)/G(T) subunit beta-2
guanine nucleotide-binding protein G(k) subunit alpha	Guanine nucleotide-binding protein G(k) subunit alpha
guanine nucleotide-binding regulatory protein 2	Guanine nucleotide-binding protein G(s) subunit alpha isoforms short*
guanine nucleotide-binding regulatory protein alpha-inhibitory subunit	Guanine nucleotide-binding protein subunit alpha-11 Guanine nucleotide-binding protein subunit alpha-13
<i>HSP-proteins</i>	
heat shock 90kDa protein 1, alpha	
heat shock cognate 71 kDa protein isoform 1	Heat shock cognate 71 kDa protein
heat shock protein beta-1	Heat shock protein beta-1
heat shock protein gp96 precursor	
heat shock-induced protein	
HSP70-2	Heat shock 70 kDa protein 1A/1B
HSP90AB1 protein	Heat shock protein HSP 90-alpha
HSPA2 protein	Heat shock protein HSP 90-beta
HSPC027	Heat shock protein 105 kDa
HSPC137	
<i>Histone proteins</i>	
histone H2A	
histone H2A type 1	
histone H2A.2	
histone H2B type 1-A	Histone H2B type 1-K*
histone H2B type 1-D	Histone H4
<i>Keratins</i>	
keratin	
keratin 1	Keratin, type I cytoskeletal 9
keratin 6B, isoform CRA_a	Keratin, type II cytoskeletal 1
keratin 9 (epidermolytic palmoplantar keratoderma)	Keratin, type II cytoskeletal 6A*
<i>Myosins</i>	

myosin I beta	Myosin-Ib
	Myosin-Ic
myosin 5c	Myosin-Id
myosin-9	Myosin-9
<i>Peroxiredoxins</i>	
peroxiredoxin-1	Peroxiredoxin-1
	Peroxiredoxin-2
	Peroxiredoxin-5, mitochondrial
peroxiredoxin-6	Peroxiredoxin-6
<i>S100 proteins</i>	
protein S100-A11	Protein S100-A10
	Protein S100-A13
	Protein S100-A14
	Protein S100-A16
<i>Ras proteins</i>	
ras GTPase-activating-like protein IQGAP1	Ras GTPase-activating-like protein IQGAP1
ras homolog gene family, member C	Ras-related C3 botulinum toxin substrate 1
ras-like protein	Ras-related C3 botulinum toxin substrate 2
Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	Ras-related protein Rab-10
ras-related protein Rab-10	Ras-related protein Rab-11A*
ras-related protein Rab-13	Ras-related protein Rab-12
ras-related protein Rab-14	Ras-related protein Rab-13
ras-related protein Rab-18	Ras-related protein Rab-14
ras-related protein Rab-1A isoform 1	Ras-related protein Rab-1A
ras-related protein Rab-1B	Ras-related protein Rab-1B
ras-related protein Rab-27A	Ras-related protein Rab-22A
ras-related protein Rab-27B	Ras-related protein Rab-27B
ras-related protein Rab-2A	Ras-related protein Rab-35
ras-related protein Rab-33B	Ras-related protein Rab-5A
ras-related protein Rab-35 isoform 1	Ras-related protein Rab-5B

ras-related protein Rab-39B	Ras-related protein Rab-7a
ras-related protein Rab-3A	Ras-related protein Rab-8A
ras-related protein Rab-3B	Ras-related protein Rab-8B
ras-related protein Rab-3C	Ras-related protein Ral-A
ras-related protein Rab-3D	Ras-related protein Ral-B
ras-related protein Rab-5B	Ras-related protein Rap-1A
ras-related protein Rab-6A isoform a	Ras-related protein Rap-1b-like protein*
ras-related protein Rab-8A	Ras-related protein Rap-2a
ras-related protein Ral-B precursor	Ras-related protein Rap-2b
ras-related protein Rap-1b precursor	Ras-related protein Rap-2c
ras-related protein R-Ras precursor	Ras-related protein R-Ras
<i>Tubulins</i>	
tubulin alpha-1B chain	Tubulin alpha-1B chain*
tubulin alpha-8 chain isoform 1	Tubulin beta chain
tubulin beta	
tubulin beta-1 chain	
tubulin beta-2A chain	
tubulin beta-6 chain	
Tubulin, beta 2C	
tubulin, beta 4, isoform CRA_b	Tubulin beta-4 chain*
<i>Ubiquitins</i>	
ubiquitin activating enzyme E1	Ubiquitin-conjugating enzyme E2 N*
ubiquitin B, isoform CRA_d	Ubiquitin-conjugating enzyme E2 variant 1*
ubiquitin carboxyl-terminal hydrolase 14 isoform a	Ubiquitin-like protein ISG15
ubiquitin isopeptidase T	
ubiquitin-conjugating enzyme E2 N	
polyubiquitin	Polyubiquitin-B*
<i>Other common proteins</i>	
2',3'-cyclic-nucleotide 3'-phosphodiesterase	2',3'-cyclic-nucleotide 3'-phosphodiesterase
5'-nucleotidase precursor	5'-nucleotidase

ADP-ribosylation factor 4	ADP-ribosylation factor 4
ADP-ribosylation factor 6	ADP-ribosylation factor 6
brain acid soluble protein 1	Brain acid soluble protein 1
calpain 1, (mu/I) large subunit, isoform CRA_c	Calpain small subunit 1
CDC42 GTPase-activating protein	Cell division control protein 42 homolog (cdc42)
clathrin heavy chain 1	Clathrin heavy chain 1
cofilin-1	Cofilin-1
cytoplasmic dynein 1 heavy chain 1	Cytoplasmic dynein 1 heavy chain 1
destrin isoform a	Destrin
EGF-like repeats and discoidin I-like domains 3	EGF-like repeat and discoidin I-like domain-containing protein 3
elongation factor 1-alpha 2	Elongation factor 1-alpha 1*
elongation factor 2	Elongation factor 2
ENO3, muscle enolase 3 beta	Alpha-enolase
ezrin	Ezrin
F-actin-capping protein subunit alpha-1	F-actin-capping protein subunit alpha-1
fatty acid synthase	Fatty acid synthase
filamin B, beta (actin binding protein 278), isoform CRA_c	Filamin-B
aldolase A	Fructose-bisphosphate aldolase A
glucose-6-phosphate dehydrogenase	Glucose-6-phosphate 1-dehydrogenase
glyceraldehyde-3-phosphate dehydrogenase	Glyceraldehyde-3-phosphate dehydrogenase
GPRC5C	G-protein coupled receptor family C group 5 member C
importin subunit beta-1	Importin subunit beta-1
L-lactate dehydrogenase A chain isoform 1	L-lactate dehydrogenase A chain
L-lactate dehydrogenase B chain	L-lactate dehydrogenase B chain
malate dehydrogenase, cytoplasmic	Malate dehydrogenase, cytoplasmic
moesin	Moesin
myoferlin	Myoferlin
peptidyl-prolyl cis-trans isomerase FKBP4	Peptidyl-prolyl cis-trans isomerase FKBP1A
phosphoglycerate kinase 1	Phosphoglycerate kinase 1
plastin 3 variant	Plastin-3
profilin-1	Profilin-1

programmed cell death protein 6	Programmed cell death protein 6
protein DJ-1	Protein DJ-1
protein-tyrosine phosphatase	Protein tyrosine phosphatase type IVA 2*
proto-oncogene tyrosine-protein kinase Src	Proto-oncogene tyrosine-protein kinase Src
pyruvate kinase	Pyruvate kinase isozymes M1/M2
rab GDP dissociation inhibitor alpha	Rab GDP dissociation inhibitor beta
radixin	Radixin
rho-related GTP-binding protein RhoG precursor	Rho-related GTP-binding protein RhoG
solute carrier family 2, facilitated glucose transporter member 3	Solute carrier family 2, facilitated glucose transporter member 1
synaptic vesicle membrane protein VAT-1 homolog	Synaptic vesicle membrane protein VAT-1 homolog
transgelin-2	Transgelin-2

Supplemental Table 1. Identification of 130 common prostasomal proteins assembled from human seminal plasma (14) and PC3 cells (9).