

Supplementary Table 7. Characterization of human proteins involved in the prostate cancer pathway

Protein	UniProt ID	Protein length (N _{AIBS}) ^a	PONDR-FIT (%) ^b	MobiDB consensus (%) ^c	Location (length) of long disordered regions ^d	Location (length) of AIBSs ^e	N _{int} ^f
BAD, Bcl2-associated agonist of cell death	Q92934	168 (4/70.8)	100.00	84.54	1-105 (105) 122-147 (27) 158-168 (11)	1-53 (53) 57-80 (24) 100-129 (30) 146-157 (12)	66
CREB5; cyclic AMP-responsive element binding protein 5	Q02930	508 (7/67.9)	85.24	75.39	46-59 (14) 86-393 (308) 447-470 (24) 479-508 (31)	66-86 (21) 99-183 (85) 188-358 (171) 362-370 (9) 378-406 (29) 421-444 (24) 503-508 (6)	65
CREB1, cyclic AMP-responsive element-binding protein 1	P16220	341 (7/29.3)	79.47	40.47	1-32 (32) 40-50 (11) 102-132 (33) 138-171 (34) 271-285 (15)	32-44 (13) 89-104 (16) 128-145 (18) 166-191 (26) 265-270 (6) 307-314 (8) 329-341 (13)	169
FOXO1, Forkhead box protein O1	Q12778	655 (19/56.9)	78.63	72.82	1-69 (69) 74-101 (28) 105-160 (56) 199-210 (12) 229-336 (107) 385-450 (66) 463-488 (26) 498-569 (72) 644-655 (12)	1-32 (32) 54-82 (29) 88-118 (31) 160-172 (13) 182-196 (15) 216-226 (11) 258-280 (23) 289-297 (9) 306-314 (9) 323-365 (43) 371-388 (18) 301-409 (8) 447-469 (23) 483-517 (35) 528-545 (18) 550-565 (16) 570-592 (23) 605-612 (8)	68
TCF7L1, transcription factor 7 like 1	Q9HCS4	588 (16/54.5)	77.04	61.90	1-104 (104) 161-183 (23) 192-238 (47) 316-344 (29) 406-512 (107) 524-546 (21)	1-46 (46) 53-74 (22) 94-135 (42) 146-159 (14) 191-201 (11) 234-252 (19) 274-288 (15) 349-371 (23) 373-383 (11) 407-415 (9) 444-463 (20) 470-494 (25) 498-505 (8) 511-529 (19) 541-558 (18) 566-583 (18)	4
p27Kip1 (CDKN1B), cyclin-dependent kinase	P46527	198 (8/58.6)	76.77	90.40	1-37 (37) 50-67 (18)	1-8 (8) 27-37 (11)	100

inhibitor 1B					81-198 (118)	59-67 (9) 80-90 (11) 98-105 (8) 109-134 (26) 140-157 (18) 174-198 (35)	
LEF1, lymphoid enhancer-binding factor 1	Q9UJU2	399 (8/62.7)	74.4	66.92	1-104 (104) 136-148 (13) 161-201 (41) 240-301 (62) 369-399 (31)	1-84 (84) 99-121 (23) 125-131 (7) 142-165 (24) 193-247 (55) 258-269 (12) 276-283 (8) 300-336 (37)	58
IKBKG, inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	Q9Y6K9	419 (6/15.8)	73.03	24.58	15-35 (21) 171-190 (20) 356-396 (41)	1-15 (15) 33-41 (9) 230-242 (13) 304-310 (7) 372-380 (9) 407-419 (13)	440
CREBBP, CREB-binding protein	Q92793	2,442 (34/53.4)	67.12	66.01	1-48 (48) 51-246 (196) 249-323 (75) 441-591 (151) 669-713 (45) 726-1091 (366) 1250-1276 (27) 1551-1619 (69) 1748-1769 (22) 1854-2066 (213) 2109-2442 (334)	1-7 (7) 17-102 (86) 109-140 (32) 145-164 (21) 171-221 (51) 232-247 (16) 254-283 (30) 295-314 (20) 353-365 (13) 479-500 (22) 515-578 (64) 599-613 (15) 628-635 (8) 649-662 (14) 673-683 (11) 707-768 (62) 776-879 (104) 881-898 (18) 902-1004 (103) 1017-1059 (43) 1084-1102 (19) 1121-1127 (7) 1537-1551 (15) 1616-1639 (24) 1844-1851 (8) 1857-1878 (22) 1911-1943 (33) 1952-2028 (77) 2031-2054 (23) 2060-2077 (18) 2084-2114 (31) 2132-2200 (69) 2217-2353 (137) 2361-2442 (82)	386
EP300, E1A binding protein p300, p300 HAT, histone acetyltransferase p300	Q09472	2,414 (30/52.9)	66.49	61.31	1-37 (37) 84-170 (87) 191-269 (79) 282-334 (53) 422-458 (37) 478-569 (02)	1-7 (7) 18-135 (118) 173-203 (31) 212-226 (15) 233-248 (16) 264-295 (32)	554

					649-1054 (406) 1213-1233 (21) 1515-1582 (68) 1715-1739 (25) 1817-2044 (228) 2093-2414 (322)	314-323 (10) 336-349 (14) 456-479 (24) 504-554 (51) 578-592 (15) 608-613 (6) 627-642 (16) 654-668 (15) 687-834 (148) 844-883 (39) 890-988 (99) 994-1010 (17) 1018-1023 (7) 1501-1515 (15) 1579-1603 (25) 1822-1848 (27) 1881-1908 (28) 1914-2063 (150) 2111-2191 (81) 2194-2314 (121) 2324-2414 (91)	
NKX3-1, homeobox protein Nkx-3.1	Q99801	234 (3/50.4)	63.67	59.40	1-133 (133)	1-46 (46) 66-116 (51) 129-149 (21)	36
CDKN1A, cyclin-dependent kinase inhibitor 1	P38936	164 (5/36.0)	62.2	65.9	1-17 (17) 73-115 (43) 117-164 (48)	36-41 (6) 68-79 (12) 100-105 (6) 109-123 (15) 145-164 (20)	284
CREB3L2, cAMP responsive element binding protein 3-like 2	Q70SY1	520 (8/32.3)	61.73	44.04	61-79 (19) 120-139 (20) 149-167 (19) 195-265 (71) 303-327 (25) 433-452 (20)	30-58 (29) 76-88 (13) 109-122 (14) 138-153 (16) 163-202 (40) 217-232 (16) 239-267 (29) 273-283 (11)	14
CREB3L1, cAMP responsive element binding protein 3-like 1	Q96BA8	519 (9/32.4)	60.89	42.77	69-112 (44) 196-261 (66) 300-312 (13) 446-519 (74)	53-61 (9) 115-129 (15) 142-168 (27) 178-204 (27) 230-264 (35) 268-280 (13) 424-435 (12) 479-487 (9) 499-519 (21)	32
MDM2, E3 ubiquitin-protein ligase Mdm2	Q00987	491 (8/21.8)	60.08	57.43	1-21 (21) 112-193 (82) 209-244 (36) 251-295 (45) 331-365 (35) 370-428 (59)	100-108 (9) 189-208 (20) 235-261 (27) 273-284 (12) 296-306 (11) 322-329 (8) 359-367 (9) 399-409 (11)	801
TCF7, transcription factor 7	P36402	384 (7/61.7)	59.63	71.88	1-115 (115) 128-190 (63) 230-271 (42) 332-384 (53)	1-31 (31) 41-133 (93) 156-167 (12) 178-224 (47) 272-305 (34)	5

						328-336 (9) 374-384 (11)	
TCF7L2, Transcription factor 7-like 2	Q9NQB0	619 (13/46.2)	59.13	58.97	1-96 (96)	1-25 (25) 36-52 (17) 88-115 (28) 145-162 (18) 200-209 (10) 243-265 (23) 268-293 (26) 308-317 (10) 351-387 (37) 446-452 (7) 487-492 (6) 531-585 (55) 596-619 (24)	54
p53, cellular tumor antigen p53	P04637	393 (8/39.4)	54.96	50.89	1-23 (23) 33-97 (65) 277-328 (52) 346-393 (46)	11-57 (47) 106-115 (10) 132-141 (10) 232-239 (8) 251-258 (8) 265-277 (13) 322-355 (34) 363-387 (25)	1072
ATF4, activating transcription factor 4	P18848	351 (9/33.6)	52.14	57.55	66-77 (12) 131-149 (19) 168-194 (27) 207-315 (109)	94-102 (9) 115-127 (13) 154-169 (16) 177-187 (11) 196-209 (14) 219-230 (12) 246-257 (12) 267-284 (18) 326-338 (13)	79
RELA, v-rel avian reticuloendotheliosis viral oncogene homolog A	Q04206	551 (12/38.5)	49.36	37.93	39-64 (26) 75-92 (18) 273-348 (76) 376-398 (23) 414-437 (24) 505-530 (26)	1-11 (11) 31-41 (11) 62-76 (15) 98-103 (6) 110-118 (9) 285-290 (6) 305-317 (13) 350-380 (31) 398-414 (17) 433-483 (51) 492-504 (13) 523-551 (29)	397
Transcription factor E2F2	Q14209	437 (10/33.6)	49.20	43.48	1-26 (26) 56-66 (11) 109-130 (22) 196-210 (15) 301-389 (89)	1-9 (9) 37-47 (11) 75-82 (8) 135-145 (11) 228-235 (8) 248-256 (9) 285-307 (23) 319-331 (13) 335-349 (15) 364-403 (40)	28
Transcription factor E2F1	Q01094	437 (10/33.4)	48.08	38.90	37-129 (93) 299-356 (68)	16-39 (24) 57-71 (15) 87-105 (19) 132-143 (12) 245-251 (7)	28

						250-265 (6) 281-305 (25) 325-332 (8) 345-365 (21) 376-384 (9)	
Transcription factor E2F3	O00716	465 (6/28.8)	48.17	40.00	67-180 (114) 350-396 (47) 402-419 (18)	95-122 (28) 132-161 (30) 180-195 (16) 333-253 (21) 386-407 (22) 421-437 (17)	155
IGF1, insulin-like growth factor I	P05019	195 (2/13.8)	47.69	51.28	77-87 (11) 113-195 (83)	166-177 (12) 181-195 (15)	20
PDGFB, platelet-derived growth factor subunit B	P01127	241 (2/12.4)	47.30	33.20	50-65 (16) 67-76 (10) 188-241 (61)	208-216 (9) 221-241 (21)	84
CREB3L3, cAMP responsive element binding protein 3-like 3	Q68CJ9	461 (11/35.6)	46.85	41.87	51-120 (70) 124-139 (16) 251-268 (18) 369-414 (46) 442-461 (20)	20-36 (17) 60-93 (34) 121-127 (7) 140-157 (18) 178-186 (9) 198-204 (7) 356-364 (9) 367-376 (10) 399-412 (14) 416-445 (30) 453-461 (9)	15
AR, androgen receptor	P10275	919 (12/28.1)	42.66	35.80	1-18 (18) 31-167 (137) 183-227 (45) 293-312 (20) 368-388 (21) 415-433 (19) 445-479 (35) 635-659 (25)	1-59 (59) 94-112 (19) 118-150 (33) 155-194 (40) 236-252 (17) 264-273 (10) 342-351 (10) 356-368 (13) 391-412 (22) 429-447 (19) 476-481 (6) 495-504 (10)	353
CREB3L4, cAMP responsive element binding protein 3-like 4	Q8TEY5	395 (8/23.8)	39.24	35.95	43-59 (17) 81-109 (29) 221-241 (21) 318-345 (27) 351-395 (45)	1-13 (13) 20-31 (12) 65-81 (17) 110-121 (12) 135-143 (9) 180-188 (9) 368-377 (10) 384-395 (12)	6
PIK3R5, phosphoinositide 3-kinase regulatory subunit 5	Q8WYR1	880 (7/13.6)	36.7	29.2	312-349 (38) 351-370 (20) 386-418 (33) 437-515 (79) 563-603 (41) 783-793 (11) 838-858 (21)	339-364 (26) 371-387 (17) 420-435 (16) 451-463 (13) 485-495 (11) 516-536 (21) 547-562 (16)	8
NFKBIA, NF-kappa-B inhibitor alpha	P25963	317 (3/9.8)	35.65	26.81	1-42 (42) 52-67 (16) 280-298 (19)	1-6 (6) 76-64 (9) 302-317 (16)	203
PIK3R2, phosphoinositide-3-	O00459	728 (12/)	34.07	27.65	81-120 (40) 140-153 (14)	29-43 (15) 70-84 (15)	148

kinase regulatory subunit 2					189-213 (25) 251-285 (35) 289-324 (36) 544-560 (17) 714-728 (15)	109-118 (10) 122-136 (15) 169-183 (15) 218-231 (14) 241-256 (16) 277-298 (22) 312-320 (9) 325-335 (11) 395-400 (6) 574-581 (8)	
BRAF, B-Raf proto-oncogene, serine/threonine kinase	P15056	766 (8/17.1)	34.07	31.07	1-40 (41) 110-132 (23) 141-156 (16) 305-455 (151)	16-21 (6) 46-67 (22) 78-86 (9) 130-135 (6) 326-332 (7) 339-347 (9) 356-419 (64) 467-474 (8)	83
PDGF-1 (PDGFA), platelet-derived growth factor subunit A	P04085	211 (0/0)	33.18	28.44	61-82 (22) 181-211 (31)	N.P. ^g	19
CREB3, cyclic AMP-responsive element-binding protein 3	O43889	395 (2/4.6)	31.1	12.9	120-131 (12) 182-196 (15)	11-17 (7) 105-115 (11)	158
ARAF, Proto-oncogene A-Raf, serine/threonine-protein kinase A-Raf	P10398	606 (2/11.4)	29.37	29.04	1-17 (17) 156-224 (69) 231-294 (64) 579-595 (17)	193-247 (55) 290-303 (14)	94
PIK3R1, phosphoinositide-3-kinase regulatory subunit 1	P27986	712 (8/8.3)	28.37	12.57	78-112 (35) 301-322 (22) 608-631 (24)	7-12 (6) 26-43 (18) 69-79 (11) 112-119 (8) 131-136 (6) 331-336 (6) 580-585 (6) 657-662 (6)	356
PIK3R3, phosphoinositide-3-kinase regulatory subunit 3	Q92569	461 (3/5.4)	28.42	6.29	39-53 (15)	23-31 (9) 218-226 (9) 257-263 (7)	142
RB1, retinoblastoma-associated protein	P06400	928 (7/10.6)	28.02	25.32	1-48 (48) 246-261 (16) 348-367 (20) 577-590 (14) 609-635 (27) 775-786 (12) 816-827 (12) 859-928 (70)	7-20 (14) 41-49 (9) 57-64 (8) 830-840 (11) 844-860 (17) 872-881 (10) 891-919 (29)	315
BCL2, B-cell CLL/lymphoma 2, apoptosis regulator Bcl-2	P10415	239 (2/10.9)	27.20	25.52	39-87 (49)	13-32 (20) 46-51 (6)	137
SOS1, Son of sevenless homolog 1	Q07889	1,333 (8/16.7)	26.86	26.48	656-665 (10) 744-757 (14) 1019-1120 (102) 1125-1333 (209)	1005-1014 (10) 1027-1037 (11) 1058-1070 (13) 1094-1146 (53) 1166-1181 (16) 1188-1205 (18) 1218-1254 (37)	82

						1269-1333 (65)	
CCNE1, G1/S-specific cyclin-E1	P24864	410 (5/11.2)	26.59	22.93	1-45 (46) 78-87 (10) 377-410 (34)	21-26 (6) 31-42 (12) 64-74 (11) 370-379 (10) 389-395 (7)	83
PDPK1, 3-phosphoinositide-dependent protein kinase 1	O15530	556 (4/11.3)	26.4	18.4	1-10 (10) 24-82 (59) 389-412 (24)	1-29 (29) 48-53 (6) 82-98 (17) 376-386 (11)	92
MAP2K1, dual specificity mitogen-activated protein kinase kinase 1	Q02750	393 (4/7.9)	24.7	17.6	1-28 (28) 281-303 (23) 383-393 (11)	8-16 (9) 30-36 (7) 272-279 (8) 310-316 (7)	121
GSK3B, GSK3 β , glycogen synthase kinase-3 beta	P49841	420 (7/15.0)	24.05	22.38	1-54 (54) 382-420 (39)	9-17 (9) 21-26 (6) 316-321 (6) 333-341 (8) 358-366 (9) 371-388 (17) 411-417 (7)	343
RAF1, Raf-1 proto-oncogene, serine/threonine kinase	P04049	648 (3/6.3)	23.92	26.54	39-55 (17) 218-335 (118) 636-648 (13)	262-289 (28) 291-296 (6) 340-346 (7)	231
SOS2, SOS Ras/Rho guanine nucleotide exchange factor 2	Q07890	1,332 (10/13.7)	23.87	23.12	742-757 (16) 1017-1064 (48) 1075-1100 (26) 1140-1332 (193)	460-465 (6) 1003-1012 (10) 1030-1035 (6) 1063-1074 (12) 1098-1141 (44) 1155-1168 (14) 1188-1200 (13) 1223-1255 (33) 1270-1285 (16) 1302-1329 (28)	29
MAP2K2, dual specificity mitogen-activated protein kinase kinase 2	P36507	400 (5/14.0)	22.75	18.50	1-10 (10) 13-34 (22) 282-311 (30)	1-16 (16) 251-250 (10) 315-325 (11) 342-351 (10) 379-387 (9)	55
Enpl (HSP90B1), endoplasmic	P14625	803 (4/10.2)	22.29	17.81	30-50 (21) 286-326 (41) 598-608 (11) 747-803 (57)	331-338 (8) 646-651 (6) 711-753 (43) 779-803 (24)	188
HSP90AA1, heat shock protein HSP 90-alpha	P07900	732 (3/4.9)	21.90	23.2	1-18 (18) 166-181 (16) 223-288 (66) 547-565 (19) 698-732 (35)	208-223 (16) 594-602 (9) 688-698 (11)	892
HSP90AB1, heat shock protein 90kDa alpha family class B member 1	P08238	724 (3/4.8)	21.82	20.99	218-278 (61) 239-255 (17) 693-724 (32)	205-218 (14) 585-594 (10) 681-691 (11)	694
FGFR1, fibroblast growth factor receptor 1	P11362	822 (8/9.6)	20.32	18.98	23-33 (11) 80-89 (10) 105-160 (56) 777-822 (46)	93-106 (14) 110-122 (13) 150-155 (6) 165-177 (13) 208-216 (9) 754-760 (7) 766-773 (8)	108

						812-820 (9)	
NFKB1, nuclear factor NF-kappa-B p105 subunit	P19838	968 (5/6.7)	20.25	20.14	1-10 (11) 66-78 (13) 359-405 (47) 420-453 (34) 463-480 (18) 892-924 (33) 946-968 (23)	369-374 (6) 403-421 (19) 454-463 (10) 781-787 (7) 931-953 (23)	590
PTEN, phosphatidylinositol 3,4,5-trisphosphate 3-phosphatase and dual-specificity protein phosphatase PTEN	P60484	403 (2/5.5)	19.60	16.63	351-403 (53)	336-350 (15) 397-403 (7)	241
IKKB, inhibitor of nuclear factor kappa-B kinase subunit beta	O14920	756 (4/5.7)	18.78	13.10	1-9 (10) 400-409 (10) 549-562 (14) 572-586 (15) 666-706 (41)	384-392 (9) 655-664 (10) 709-723 (15) 734-742 (9)	195
PDGFC, platelet-derived growth factor subunit C	Q9NRA1	345 (0/0)	18.60	11.88	20-31 (12) 33-46 (14)	N.P.	8
AKT3, RAC-gamma serine/threonine-protein kinase	Q9Y243	479 (2/4.2)	17.1	16.7	109-140 (32) 445-479 (35)	72-82 (11) 469-477 (9)	34
TGFA, transforming growth factor alpha	P01135	160 (0/0)	16.88	5.00	N.P.	N.P.	18
BCL-1 (CCND1), G1/S-specific cyclin-D1	P24385	295 (0/0)	16.61	13.90	258-295 (38)	N.P.	124
Insulin	P01308	110 (0/0)	16.36	0.91	N.P.	N.P.	27
AKT1, RAC-alpha serine/threonine-protein kinase	P31749	480 (3/6.0)	16.33	19.38	111-140 (30) 424-433 (10) 449-480 (32)	73-84 (12) 441-447 (7) 471-480 (10)	366
CCNE2, G1/S-specific cyclin-E2	O96020	404 (2/3.7)	16.10	16.58	1-49 (49) 387-404 (18)	1-9 (9) 26-31 (6)	21
CASP9, Caspase-9	P55211	416 (2/3.1)	15.11	13.46	117-133 (17) 294-321 (28)	71-77 (7) 281-286 (6)	59
CTNB1, Catenin beta-1	P35222	781 (8/14.7)	14.98	18.18	17-27 (11) 30-59 (30) 547-557 (11) 709-724 (16) 727-773 (47)	1-14 (14) 22-38 (17) 60-75 (16) 96-101 (6) 133-140 (8) 695-702 (8) 719-739 (12) 748-781 (34)	452
FGFR2, fibroblast growth factor receptor 2	P21802	821 (4/4.3)	14.25	14.01	31-45 (15) 142-156 (15) 405-414 (10) 429-450 (22) 776-821 (46)	117-126 (10) 171-178 (8) 488-498 (11) 756-761 (6)	92
IGF1R, insulin-like growth factor 1 receptor	P08069	1,367 (8/6.6)	14.05	11.85	1-10 (10) 466-483 (18) 737-768 (32) 1284-1367 (84)	521-527 (7) 720-732 (13) 793-803 (11) 815-823 (9) 862-867 (6) 1308-1316 (9)	112

						1330-1352 (23) 1356-1367 (12)	
PDGFRB; platelet derived growth factor receptor beta	P09619	1,106 (5/8.5)	13.47	13.56	66-78 (13) 422-438 (15) 463-477 (15) 701-712 (12) 1019-1106 (88)	447-452 (6) 1003-1013 (11) 1017-1027 (11) 1035-1066 (32) 1073-1106 (34)	133
PDGFD, platelet-derived growth factor subunit D	Q9GZP0	370 (0/0)	11.89	5.95	190-200 (11)	N.P.	20
MAPK3, Mitogen-activated protein kinase 3	P27361	379 (0/0)	11.87	9.23	1-27 (27)	N.P.	276
PDGFRA, PDGFR- α (CD140 α), platelet-derived growth factor receptor alpha	P16234	1,089 (4/5.0)	11.11	9.27	61-71 (11) 1017-1089 (73)	133-139 (7) 1013-1025 (13) 1052-1061 (10) 1066-1089 (24)	61
AKT2, RAC-beta serine/threonine-protein kinase	P31751	481 (1/2.5)	11.02	10.81	41-50 (10) 113-137 (25)	73-84 (12)	75
INSRR, insulin receptor-related receptor	P14616	1,297 (3/3.3)	10.72	12.10	462-477 (16) 664-696 (33) 732-762 (31) 1074-1087 (14) 1265-1297 (33)	707-730 (24) 799-805 (7) 1253-1264 (12)	4
PIK3CG, phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit gamma	P48736	1,102 (1/1.2)	10.71	8.44	21-31 (11) 440-455 (16) 490-510 (21) 528-547 (20)	516-528 (13)	40
EGFR, epidermal growth factor receptor	P00533	1,210 (6/9.7)	9.1	12.4	1024-1038 (15) 1070-1082 (13) 1094-1139 (46) 1157-1181 (25) 1201-1210 (10)	1016-1023 (8) 1048-1069 (22) 1080-1095 (16) 1105-1112 (8) 1132-1180 (49) 1197-1210 (14)	1031
GSTP1, glutathione S-transferase pi 1	P09211	210 (0/0)	9.05	4.29	N.P.	N.P.	61
GRB2, growth factor receptor-bound protein 2	P62993	212 (0/0)	9.0	3.7	N.P.	N.P.	998
MTOR, mechanistic target of rapamycin, serine/ threonine-protein kinase mTOR	P42345	2,549 (4/1.3)	8.9	8.0	1-18 (18) 910-930 (21) 1815-1866 (52) 2437-2491 (55)	19-27 (9) 263-272 (10) 298-304 (7) 1748-1754 (7)	175
HRAS (p21ras), Harvey rat sarcoma viral oncogene homolog	P01112	189 (1/3.2)	8.47	9.52	170-181 (12)	78-83 (6)	165
SRD5A2, 3-oxo-5-alpha-steroid 4-dehydrogenase 2	P31213	254 (0/0)	8.27	3.54	N.P.	N.P.	N.P.
MAPK1, mitogen-activated protein kinase 1	P28482	360 (0/0)	8.1	5.3	N.P.	N.P.	329
PK3CD,	O00329	1,044	7.76	6.99	285-313 (29)	N.P.	22

phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit delta		(0/0)			404-414 (11) 448-461 (14)		
IKKA (CHUK), inhibitor of nuclear factor kappa-B kinase subunit alpha	O15111	745 (2/2.6)	7.38	6.31	1-15 (16)	713-723 (11) 738-745 (8)	186
CDK2, cyclin-dependent kinase 2	P24941	298 (0/0)	7.05	4.36	N.P.	N.P.	710
EGF, pro-epidermal growth factor	P01133	1,207 (4/5.4)	6.96	11.18	1062-1094 (33) 1108-1136 (29) 1168-1207 (40)	1093-1104 (12) 1135-1155 (20) 1157-1172 (16) 1181-1197 (17)	26
KRAS, Kirsten rat sarcoma viral oncogene homolog	P01116	189 (1/3.7)	6.34	1.06	N.P.	78-84 (7)	95
NRAS, neuroblastoma RAS viral (v-ras) oncogene homolog	P01111	189 (0/0)	3.70	5.29	172-178 (7)	N.P.	72
PIK3CB, PI3K- β , phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform	P42338	1,070 (0/0)	3.36	2.06	N.P.	N.P.	53
PIK3CA, PI3K- α , phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform	P42336	1,068 (0/0)	3.00	2.06	N.P.	N.P.	101
PSA, prostate-specific antigen or KLK3, kallikrein related peptidase 3	P07288	261 (0/0)	2.68	1.53	N.P.	N.P.	20

^a N_{AIBS} (A/B) represents the number of potential disorder-based binding sites identified by the ANCHOR algorithm (A) and the percentage of residues involved in disorder-based interactions (B).

^b Content of disordered residues (i.e., residues with the disorder propensity ≥ 0.5) in a protein based on the PONDR-FIT disorder prediction.

^c Content of predicted disordered residues in a protein based on the MobiDB consensus score.

^d Information on long disordered regions (i.e., disordered regions of at least 10 residues) was obtained based on the MobiDB consensus profile.

^e AIBSs are potential disorder-based binding sites identified by the ANCHOR algorithm.

^f N_{int} , number of interactions as found using the Agile Protein Interactomes DataServer (<http://cicblade.dep.usal.es:8080/APID/init.action>).

^g N.P., not present. This annotation is used for proteins that do not have predicted AIBSs or long disordered regions.