

Accession Number	Protein Description
gi 61744475 ref NP_001012679.1	4F2 cell-surface antigen heavy chain isoform a [Homo sapiens]
gi 31542947 ref NP_002147.2	60 kDa heat shock protein, mitochondrial [Homo sapiens]
gi 4506597 ref NP_000967.1	60S ribosomal protein L12 [Homo sapiens]
gi 4506597 ref NP_000967.1	60S ribosomal protein L12 [Homo sapiens]
gi 47271406 ref NP_062552.2	7SK snRNA methylphosphate capping enzyme isoform A [Homo sapiens]
gi 47271406 ref NP_062552.2	7SK snRNA methylphosphate capping enzyme isoform A [Homo sapiens]
gi 4502015 ref NP_003479.1	A-kinase anchor protein 1, mitochondrial precursor [Homo sapiens]
gi 4502015 ref NP_003479.1	A-kinase anchor protein 1, mitochondrial precursor [Homo sapiens]
gi 301171467 ref NP_001180345	ATP-dependent RNA helicase DDX3X isoform 2 [Homo sapiens]
gi 46255026 ref NP_057205.2	BTB/POZ domain-containing protein KCTD3 [Homo sapiens]
gi 17978489 ref NP_001775.2	CD97 antigen isoform 2 precursor [Homo sapiens]
gi 14150015 ref NP_115675.1	DCN1-like protein 5 [Homo sapiens]
gi 4504191 ref NP_000170.1	DNA mismatch repair protein Msh6 [Homo sapiens]
gi 4504191 ref NP_000170.1	DNA mismatch repair protein Msh6 [Homo sapiens]
gi 61676188 ref NP_113584.3	E3 ubiquitin-protein ligase HUWE1 [Homo sapiens]
gi 21361472 ref NP_056092.2	E3 ubiquitin-protein ligase NEDD4-like isoform 3 [Homo sapiens]
gi 256818821 ref NP_064550.3	E3 ubiquitin-protein ligase RAD18 [Homo sapiens]
gi 33620716 ref NP_061173.1	E3 ubiquitin-protein ligase RBBP6 isoform 2 [Homo sapiens]
gi 33620716 ref NP_061173.1	E3 ubiquitin-protein ligase RBBP6 isoform 2 [Homo sapiens]
gi 226371723 ref NP_620137.2	FCH domain only protein 2 isoform a [Homo sapiens]
gi 50962882 ref NP_001002909.1	G patch domain-containing protein 8 [Homo sapiens]
gi 4504063 ref NP_002068.1	Golgin subfamily A member 1 [Homo sapiens]
gi 289577134 ref NP_001166184	Golgin subfamily A member 4 isoform 1 [Homo sapiens]
gi 6715600 ref NP_002069.2	Golgin subfamily A member 4 isoform 2 [Homo sapiens]
gi 21396500 ref NP_003600.2	HIRA-interacting protein 3 [Homo sapiens]
gi 21396500 ref NP_003600.2	HIRA-interacting protein 3 [Homo sapiens]
gi 21396500 ref NP_003600.2	HIRA-interacting protein 3 [Homo sapiens]
gi 21361437 ref NP_055315.2	HIV Tat-specific factor 1 [Homo sapiens]
gi 21361437 ref NP_055315.2	HIV Tat-specific factor 1 [Homo sapiens]
gi 8923427 ref NP_060300.1	OCIA domain-containing protein 1 isoform 1 [Homo sapiens]
gi 221139764 ref NP_065952.2	PHD and RING finger domain-containing protein 1 [Homo sapiens]
gi 20127479 ref NP_005667.2	RNA-binding protein 10 isoform 1 [Homo sapiens]
gi 117676384 ref NP_004710.2	SRSF2-interacting protein [Homo sapiens]
gi 117676384 ref NP_004710.2	SRSF2-interacting protein [Homo sapiens]
gi 117676384 ref NP_004710.2	SRSF2-interacting protein [Homo sapiens]
gi 54124343 ref NP_001005751.1	WASH complex subunit FAM21A [Homo sapiens]
gi 31657094 ref NP_061155.2	actin-binding protein anillin [Homo sapiens]
gi 20127553 ref NP_057321.2	anaphase-promoting complex subunit 5 isoform a [Homo sapiens]
gi 156071474 ref NP_003031.3	anion exchange protein 2 [Homo sapiens]
gi 109150425 ref NP_060559.2	ankyrin repeat and zinc finger domain-containing protein 1 [Homo sapiens]
gi 134152708 ref NP_060481.3	arginine and glutamate-rich protein 1 [Homo sapiens]
gi 13129094 ref NP_076998.1	ashwin [Homo sapiens]
gi 171543895 ref NP_002964.3	ataxin-2 [Homo sapiens]
gi 167830411 ref NP_000897.3	atrial natriuretic peptide receptor 1 precursor [Homo sapiens]
gi 4503579 ref NP_001422.1	band 4.1-like protein 2 isoform a [Homo sapiens]
gi 30795231 ref NP_006308.3	brain acid soluble protein 1 [Homo sapiens]
gi 19718731 ref NP_490597.1	bromodomain-containing protein 4 isoform long [Homo sapiens]
gi 21361331 ref NP_001866.2	carbamoyl-phosphate synthase [ammonia], mitochondrial isoform 1 [Homo sapiens]
gi 10835010 ref NP_001322.1	catenin delta-1 isoform 1B [Homo sapiens]
gi 23238226 ref NP_689449.1	cdc42 effector protein 1 [Homo sapiens]
gi 11067747 ref NP_001244.1	cell division cycle 5-like protein [Homo sapiens]

gi|11067747|ref|NP_001244.1| cell division cycle 5-like protein [Homo sapiens]
gi|157817073|ref|NP_055898.1|; cell division protein kinase 12 isoform 2 [Homo sapiens]; cell divis
gi|157817073|ref|NP_055898.1|; cell division protein kinase 12 isoform 2 [Homo sapiens]; cell divis
gi|145309300|ref|NP_112557.2| cell division protein kinase 13 isoform 2 [Homo sapiens]
gi|145309300|ref|NP_112557.2| cell division protein kinase 13 isoform 2 [Homo sapiens]
gi|145309300|ref|NP_112557.2| cell division protein kinase 13 isoform 2 [Homo sapiens]
gi|145309300|ref|NP_112557.2| cell division protein kinase 13 isoform 2 [Homo sapiens]
gi|71274107|ref|NP_006491.2| cell surface glycoprotein MUC18 [Homo sapiens]
gi|51599156|ref|NP_001264.2| chromodomain-helicase-DNA-binding protein 4 [Homo sapiens]
gi|122937392|ref|NP_001074012| chromosome 19 open reading frame 29 [Homo sapiens]
gi|150417989|ref|NP_001092872| cyclin-K [Homo sapiens]
gi|7657683|ref|NP_055146.1| cystine/glutamate transporter [Homo sapiens]
gi|23943920|ref|NP_077734.1| cytosolic phospholipase A2 [Homo sapiens]
gi|23943920|ref|NP_077734.1| cytosolic phospholipase A2 [Homo sapiens]
gi|23943920|ref|NP_077734.1| cytosolic phospholipase A2 [Homo sapiens]
gi|23943920|ref|NP_077734.1| cytosolic phospholipase A2 [Homo sapiens]
gi|23943920|ref|NP_077734.1| cytosolic phospholipase A2 [Homo sapiens]
gi|21361368|ref|NP_002851.2| delta-1-pyrroline-5-carboxylate synthase isoform 1 [Homo sapien
gi|21361368|ref|NP_002851.2| delta-1-pyrroline-5-carboxylate synthase isoform 1 [Homo sapien
gi|116534898|ref|NP_001934.2| desmoglein-2 preproprotein [Homo sapiens]
gi|58530840|ref|NP_004406.2| desmoplakin isoform I [Homo sapiens]
gi|19115954|ref|NP_001360.1| dynein heavy chain 5, axonemal [Homo sapiens]
gi|7706687|ref|NP_057421.1| ena/VASP-like protein [Homo sapiens]
gi|29725609|ref|NP_005219.2| epidermal growth factor receptor isoform a precursor [Homo sap
gi|29725609|ref|NP_005219.2| epidermal growth factor receptor isoform a precursor [Homo sap
gi|29725609|ref|NP_005219.2| epidermal growth factor receptor isoform a precursor [Homo sap
gi|41350201|ref|NP_037465.2| epsin-1 isoform c [Homo sapiens]
gi|45387945|ref|NP_065779.1| extended synaptotagmin-2 [Homo sapiens]
gi|45387945|ref|NP_065779.1| extended synaptotagmin-2 [Homo sapiens]
gi|118918395|ref|NP_001073141| fibronectin type-III domain-containing protein 3A isoform 1 [Hom
gi|118918395|ref|NP_001073141| fibronectin type-III domain-containing protein 3A isoform 1 [Hom
gi|281182404|ref|NP_060830.2| gamma-taxilin isoform 1 [Homo sapiens]
gi|281182404|ref|NP_060830.2| gamma-taxilin isoform 1 [Homo sapiens]
gi|67782311|ref|NP_008860.4| helicase SKI2W [Homo sapiens]
gi|42741655|ref|NP_000236.2| hepatocyte growth factor receptor isoform b precursor [Homo sa
gi|14249158|ref|NP_116020.1| hepatoma-derived growth factor-related protein 2 isoform 2 [Hoi
gi|197313748|ref|NP_054878.5| histone-lysine N-methyltransferase SETD2 [Homo sapiens]
gi|197313748|ref|NP_054878.5| histone-lysine N-methyltransferase SETD2 [Homo sapiens]
gi|149363685|ref|NP_056140.1| hypothetical protein LOC23379 [Homo sapiens]
gi|145977194|ref|NP_001078844| hypothetical protein LOC400793 isoform 2 [Homo sapiens]
gi|54607035|ref|NP_000204.3| integrin beta-4 isoform 1 precursor [Homo sapiens]
gi|8393638|ref|NP_058642.1| junctional adhesion molecule A precursor [Homo sapiens]
gi|8393638|ref|NP_058642.1| junctional adhesion molecule A precursor [Homo sapiens]
gi|21735575|ref|NP_065698.1| junctophilin-1 [Homo sapiens]
gi|21735575|ref|NP_065698.1| junctophilin-1 [Homo sapiens]
gi|55741641|ref|NP_065789.1| kinase D-interacting substrate of 220 kDa [Homo sapiens]
gi|223890147|ref|NP_001138787| kinetochore-associated protein DSN1 homolog isoform 1 [Homo :
gi|223890147|ref|NP_001138787| kinetochore-associated protein DSN1 homolog isoform 1 [Homo :
gi|39725634|ref|NP_056130.2| la-related protein 1 isoform 1 [Homo sapiens]
gi|27363458|ref|NP_076941.2| leucine-rich repeat and fibronectin type-III domain-containing pro
gi|4758332|ref|NP_004449.1|; gi long-chain-fatty-acid--CoA ligase 4 isoform 1 [Homo sapiens]; lon
gi|258614003|ref|NP_001158243| low affinity cationic amino acid transporter 2 isoform 3 [Homo sa
gi|291621647|ref|NP_006311.2| membrane-associated progesterone receptor component 2 [Horr

gi|94681046|ref|NP_064569.3| metal transporter CNNM4 [Homo sapiens]
gi|33188445|ref|NP_036222.3| microtubule-actin cross-linking factor 1 isoform a [Homo sapiens]
gi|197276600|ref|NP_001127836| microtubule-associated protein 4 isoform 4 [Homo sapiens]
gi|45120119|ref|NP_055790.1| microtubule-associated serine/threonine-protein kinase 1 [Homo sapiens]
gi|29789409|ref|NP_777549.1| mimitin, mitochondrial [Homo sapiens]
gi|4759112|ref|NP_004198.1| monocarboxylate transporter 4 [Homo sapiens]
gi|134142335|ref|NP_063955.2| multidrug resistance-associated protein 1 isoform 5 [Homo sapiens]
gi|4506357|ref|NP_003944.1| myelin protein zero-like protein 1 isoform a [Homo sapiens]
gi|7305053|ref|NP_038479.1| myoferlin isoform a [Homo sapiens]
gi|61743954|ref|NP_001611.1| neuroblast differentiation-associated protein AHNAK isoform 1 [Homo sapiens]
gi|61743954|ref|NP_001611.1| neuroblast differentiation-associated protein AHNAK isoform 1 [Homo sapiens]
gi|5032093|ref|NP_005619.1| neutral amino acid transporter B(0) isoform 1 [Homo sapiens]
gi|33356172|ref|NP_002476.2| nibrin [Homo sapiens]
gi|24430146|ref|NP_005115.2| nuclear pore complex protein Nup153 [Homo sapiens]
gi|22538461|ref|NP_006302.2| nuclear receptor corepressor 1 isoform 1 [Homo sapiens]
gi|116256445|ref|NP_001070729| nuclear receptor corepressor 2 isoform 2 [Homo sapiens]
gi|55956788|ref|NP_005372.2| nucleolin [Homo sapiens]
gi|114155142|ref|NP_003283.2| nucleoprotein TPR [Homo sapiens]
gi|33354281|ref|NP_877499.1| orphan sodium- and chloride-dependent neurotransmitter transporter 1 isoform a [Homo sapiens]
gi|33354281|ref|NP_877499.1| orphan sodium- and chloride-dependent neurotransmitter transporter 1 isoform a [Homo sapiens]
gi|14149704|ref|NP_056365.1| oxysterol-binding protein-related protein 3 isoform a [Homo sapiens]
gi|14149704|ref|NP_056365.1| oxysterol-binding protein-related protein 3 isoform a [Homo sapiens]
gi|14149704|ref|NP_056365.1| oxysterol-binding protein-related protein 3 isoform a [Homo sapiens]
gi|14149704|ref|NP_056365.1| oxysterol-binding protein-related protein 3 isoform a [Homo sapiens]
gi|157743252|ref|NP_115599.2| pecanex-like protein 3 [Homo sapiens]
gi|115430209|ref|NP_076412.3| phosphatase and actin regulator 4 isoform 2 [Homo sapiens]
gi|13559514|ref|NP_060895.1| phosphatidylinositol 4-kinase type 2-alpha [Homo sapiens]
gi|6005830|ref|NP_009114.1| plakophilin-3 [Homo sapiens]
gi|48255945|ref|NP_001673.2| plasma membrane calcium-transporting ATPase 1 isoform 1b [Homo sapiens]
gi|4505611|ref|NP_002573.1| poly(A)-specific ribonuclease PARN isoform 1 [Homo sapiens]
gi|7661672|ref|NP_056399.1| polymerase delta-interacting protein 2 [Homo sapiens]
gi|40254978|ref|NP_112179.2| pre-mRNA 3'-end-processing factor FIP1 isoform 1 [Homo sapiens]
gi|33620745|ref|NP_056969.2| pre-mRNA cleavage complex 2 protein Pcf11 [Homo sapiens]
gi|27436946|ref|NP_733821.1| prelamin-A/C isoform 1 precursor [Homo sapiens]
gi|291190787|ref|NP_055872.4| probable E3 ubiquitin-protein ligase MYCBP2 [Homo sapiens]
gi|148839292|ref|NP_078800.3| probable cation-transporting ATPase 13A3 [Homo sapiens]
gi|187761317|ref|NP_001120680| probable methylcytosine dioxygenase TET2 isoform a [Homo sapiens]
gi|41152072|ref|NP_056272.2| probable palmitoyltransferase ZDHHC5 [Homo sapiens]
gi|41152072|ref|NP_056272.2| probable palmitoyltransferase ZDHHC5 [Homo sapiens]
gi|153792074|ref|NP_065770.1| proline-rich protein 12 [Homo sapiens]
gi|115298682|ref|NP_055987.2| protein BAT2-like 2 [Homo sapiens]
gi|115298682|ref|NP_055987.2| protein BAT2-like 2 [Homo sapiens]
gi|262359929|ref|NP_056261.4| protein ELYS [Homo sapiens]
gi|13654270|ref|NP_112483.1| protein LAS1 homolog isoform 1 [Homo sapiens]
gi|223555917|ref|NP_848927.2| protein LYRIC [Homo sapiens]
gi|209862789|ref|NP_056056.2| protein MICAL-3 isoform 1 [Homo sapiens]
gi|45827729|ref|NP_056171.2| protein scribble homolog isoform b [Homo sapiens]
gi|4505685|ref|NP_000275.1| pyruvate dehydrogenase E1 component subunit alpha, somatic form [Homo sapiens]
gi|34147513|ref|NP_004628.4| ras-related protein Rab-7a [Homo sapiens]
gi|4759012|ref|NP_004242.1| ras-related protein Rab-9A [Homo sapiens]
gi|183396804|ref|NP_056018.2| regulation of nuclear pre-mRNA domain-containing protein 2 [Homo sapiens]
gi|24431933|ref|NP_722550.1| reticulon-4 isoform B [Homo sapiens]

gi|54860079|ref|NP_001006635.1| rho GTPase-activating protein 17 isoform 1 [Homo sapiens]
gi|8923579|ref|NP_060377.1| rhoA activator C11orf59 [Homo sapiens]
gi|4502285|ref|NP_001672.1| sarcoplasmic/endoplasmic reticulum calcium ATPase 2 isoform 2
gi|4505571|ref|NP_003891.1| sequestosome-1 isoform 1 [Homo sapiens]
gi|42542379|ref|NP_005830.2| serine/arginine repetitive matrix protein 1 [Homo sapiens]
gi|42542379|ref|NP_005830.2| serine/arginine repetitive matrix protein 1 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|118572613|ref|NP_057417.3| serine/arginine repetitive matrix protein 2 [Homo sapiens]
gi|4759100|ref|NP_004759.1| serine/arginine-rich splicing factor 11 isoform 1 [Homo sapiens]
gi|20127499|ref|NP_006266.2| serine/arginine-rich splicing factor 6 [Homo sapiens]
gi|20127499|ref|NP_006266.2| serine/arginine-rich splicing factor 6 [Homo sapiens]
gi|166295192|ref|NP_001265.2| serine/threonine-protein kinase Chk1 [Homo sapiens]
gi|89276756|ref|NP_003904.3| serine/threonine-protein kinase PRP4 homolog [Homo sapiens]
gi|58331218|ref|NP_056992.4| serrate RNA effector molecule homolog isoform a [Homo sapiens]
gi|134288865|ref|NP_003606.3| sodium bicarbonate cotransporter 3 [Homo sapiens]
gi|117168275|ref|NP_109599.3| sodium-coupled neutral amino acid transporter 1 [Homo sapiens]
gi|27777632|ref|NP_003038.2| sodium/hydrogen exchanger 1 [Homo sapiens]
gi|40316845|ref|NP_005107.4| solute carrier family 23 member 2 [Homo sapiens]
gi|39777594|ref|NP_057438.3| solute carrier organic anion transporter family member 4A1 [Homo sapiens]
gi|154759259|ref|NP_003118.2| spectrin alpha chain, brain isoform 2 [Homo sapiens]
gi|28557788|ref|NP_006742.2| sperm-specific antigen 2 isoform 2 [Homo sapiens]
gi|154146193|ref|NP_116259.2| splicing factor, arginine/serine-rich 18 [Homo sapiens]
gi|226509740|ref|NP_067051.2| splicing factor, arginine/serine-rich 19 [Homo sapiens]
gi|170932494|ref|NP_003560.2| syntaxin-7 [Homo sapiens]
gi|38679909|ref|NP_060939.3| testis-expressed sequence 2 protein [Homo sapiens]
gi|38679909|ref|NP_060939.3| testis-expressed sequence 2 protein [Homo sapiens]
gi|4507555|ref|NP_003267.1|; gi| thymopoietin isoform alpha [Homo sapiens]; thymopoietin isoform
gi|167234419|ref|NP_005110.2| thyroid hormone receptor-associated protein 3 [Homo sapiens]
gi|167234419|ref|NP_005110.2| thyroid hormone receptor-associated protein 3 [Homo sapiens]
gi|291045225|ref|NP_596869.4| titin isoform N2-A [Homo sapiens]
gi|47419909|ref|NP_003843.3| transcription intermediary factor 1-alpha isoform b [Homo sapiens]
gi|5032179|ref|NP_005753.1| transcription intermediary factor 1-beta [Homo sapiens]
gi|189458817|ref|NP_003225.2| transferrin receptor protein 1 [Homo sapiens]
gi|9558733|ref|NP_037425.1| transformer-2 protein homolog alpha [Homo sapiens]
gi|6005942|ref|NP_009057.1| transitional endoplasmic reticulum ATPase [Homo sapiens]
gi|262399371|ref|NP_001124396| transmembrane protein 201 isoform 1 [Homo sapiens]
gi|5032189|ref|NP_005648.1| tumor suppressor p53-binding protein 1 isoform 3 [Homo sapiens]
gi|5032189|ref|NP_005648.1| tumor suppressor p53-binding protein 1 isoform 3 [Homo sapiens]
gi|37577122|ref|NP_057105.2| ubiquitin-conjugating enzyme E2 J1 [Homo sapiens]
gi|94429050|ref|NP_004883.2| vesicle-trafficking protein SEC22b [Homo sapiens]
gi|62414289|ref|NP_003371.2| vimentin [Homo sapiens]

gi|62414289|ref|NP_003371.2| vimentin [Homo sapiens]
gi|62414289|ref|NP_003371.2| vimentin [Homo sapiens]
gi|62414289|ref|NP_003371.2| vimentin [Homo sapiens]
gi|224994203|ref|NP_005996.2| wolframin [Homo sapiens]
gi|116008442|ref|NP_055885.3| zinc finger CCCH domain-containing protein 13 [Homo sapiens]
gi|116008442|ref|NP_055885.3| zinc finger CCCH domain-containing protein 13 [Homo sapiens]
gi|27477136|ref|NP_064504.2| zinc finger CCCH-type antiviral protein 1 isoform 1 [Homo sapiens]
gi|27477136|ref|NP_064504.2| zinc finger CCCH-type antiviral protein 1 isoform 1 [Homo sapiens]

Peptide Sequence	Variable Modification: Protein-Relative Modification	
FTGLSK	S5: Phospho	S196: Phospho
TVIIQSWGSPK	S7: Phospho	S67: Phospho
ELSGTIK	T5: Phospho	T128: Phospho
IGPLGLSPK	S7: Phospho	S38: Phospho
CAPSAGSPAAAVGR	S4: Phospho	S57: Phospho
ESPGAAATSSSGPQAQHR	S2: Phospho	S69: Phospho
SESSGILPNTTDMR	S3: Phospho	S107: Phospho
LLSSPTK	S5: Phospho	S445: Phospho
FSGGFGAR	S2: Phospho	S593: Phospho
LLDQCDSLTSR	T9: Phospho	T603: Phospho
YSEFTSTTSGTGHNQTR	S9: Phospho	S725: Phospho
LISGEEHFSSK	S3: Phospho	S41: Phospho
VHVQFFDSDPTR	S9: Phospho	S137: Phospho
VHVQFFDSDPTR	T11: Phospho	T139: Phospho
LGSSGLGSASSIQAAVR	S4: Phospho	S3753: Phospho
TSPQELSEELSR	S2: Phospho	S303: Phospho
NHLLQFALESPAK	S10: Phospho	S99: Phospho
LEVTEIVKPSPK	S10: Phospho	S1145: Phospho
LSSDLTR	S3: Phospho	S1592: Phospho
NLSNEELTK	S3: Phospho	S403: Phospho
SQSPHYFR	S3: Phospho	S1035: Phospho
GSIRPSISNPR	S8: Phospho	S760: Phospho
TSSFTEQLDEGTPNR	S3: Phospho	S41: Phospho
VPSVESLFR	S3: Phospho	S71: Phospho
EVSDSEAGGGPQGER	S3: Phospho	S370: Phospho
EVSDSEAGGGPQGER	S5: Phospho	S372: Phospho
TLDSDEERPRPAPPDWSHMR	S4: Phospho	S530: Phospho
HFSEHPSTSK	S9: Phospho	S409: Phospho
HFSEHPSTSK	T8: Phospho	T408: Phospho
LENSPLGEALR	S4: Phospho	S108: Phospho
ECSPTSSLER	S3: Phospho	S1123: Phospho
LASDDRPSPPR	S8: Phospho	S723: Phospho
FHSPSTTWSPNK	S3: Phospho	S796: Phospho
FHSPSTTWSPNK	S5: Phospho	S798: Phospho
FHSPSTTWSPNK	T7: Phospho	T800: Phospho
SRPTSFADLAAR	S1: Phospho; S5: Phospho	S284: Phospho; S288: Phospho
QPLSEASNQQPLSGGEEK	S13: Phospho	S54: Phospho
EELDVSVR	S6: Phospho	S195: Phospho
TSPSSPAPLPHQEATPR	S5: Phospho	S173: Phospho
LHSPQTHWK	S3: Phospho	S361: Phospho
LSFSLK	S2: Phospho	S266: Phospho
SPPLSPVGTTPVK	S1: Phospho	S189: Phospho
TSPSGGTWSSVSGVPR	T7: Phospho	T672: Phospho
ENSSNILDNLLSR	S3: Phospho	S809: Phospho
EISPGSGPGEIR	S6: Phospho	S718: Phospho
SDGAPASDSKPGSSEAAPSSK	S1: Phospho	S164: Phospho
IHSPIIR	S3: Phospho	S1117: Phospho
EWPSNLDLR	S4: Phospho	S835: Phospho
GSLASLDSLR	S5: Phospho	S349: Phospho
SDSLLSFR	S3: Phospho	S192: Phospho
LVLPAQISDAELQEVVK	S9: Phospho	S303: Phospho

SGTTPKPVINSTPGR
SSSPFLSK
SSSPFLSK
HSSISPSTLTLK
ILELTPEPDRPR
SLSPLGGR
SPYSPVLR
SELVVEVK
SAIDLTPIVVEDK
SWSPSSASSASPGR
AVVVSPK
LPSLGNK
CSVLSNVEAR
CSVLSNVEAR
CSVLSNVEAR
VLGVSGSQSR
LGSVVTR
LSLSTSK
VVPSFLPVDQGGSLVGR
SMSFQGIR
NTLEAIR
SNSVEKPVSSILSR
ELVEPLTPSGEAPNQALLR
MHLPSPTDSNFYR
TPLLSLSATSNNSTVACIDR
TALPTSGSSAGELELLAGEVPAR
SSSLLASPGHISVK
SSSLLASPGHISVK
MSSPPSSPQK
WGEGTPK
NLVSPAYCTQESR
NLVSPAYCTQESR
ASSLEDLVLK
DLGSELVR
SEGFMDR
CCSPPNELGFR
LNDSPTLK
TLSTSTLR
LSLSPISLAESWEDGSPPPQAR
LLELQEVDSLLR
QTSSFLV
VIYSQPSAR
ESPHFYR
TSLASLR
TPSTVTLNNSAPANR
IHLGSSPK
IHLGSSPK
SLPTTVPESPNYR
SCSLDLGDAGCYGYAR
LSPEPWPETGLVTDFAK
NLSSPFIFHEK
DFSLEQLR

T4: Phospho
S1: Phospho
S3: Phospho
S2: Phospho; S5: Phospho
T5: Phospho
S1: Phospho; S3: Phospho
S1: Phospho; S4: Phospho
S1: Phospho
T6: Phospho
S13: Phospho
S5: Phospho
S3: Phospho
S2: Phospho
S2: Phospho; S4: Phospho
S4: Phospho
S7: Phospho
S3: Phospho
S4: Phospho
S13: Phospho
S3: Phospho
T2: Phospho
S3: Phospho
T7: Phospho
S5: Phospho
S6: Phospho
S8: Phospho
S1: Phospho
S3: Phospho; S4: Phospho
S3: Phospho
T5: Phospho
S12: Phospho
S4: Phospho
S3: Phospho
S4: Phospho
S1: Phospho
S3: Phospho
S4: Phospho
S3: Phospho
S16: Phospho
S9: Phospho
S3: Phospho
S7: Phospho
S2: Phospho
S5: Phospho
S3: Phospho
S5: Phospho
S6: Phospho
S9: Phospho
S3: Phospho
T7: Phospho
S3: Phospho; S4: Phospho
S3: Phospho
T430: Phospho
S332: Phospho
S334: Phospho
S436: Phospho; S439: Phospho
T1186: Phospho
S315: Phospho; S317: Phospho
S397: Phospho; S400: Phospho
S606: Phospho
T1653: Phospho
S120: Phospho
S340: Phospho
S26: Phospho
S727: Phospho
S727: Phospho; S729: Phospho
S729: Phospho
S410: Phospho
S79: Phospho
S429: Phospho
S680: Phospho
S2209: Phospho
T977: Phospho
S333: Phospho
T693: Phospho
S991: Phospho
S1037: Phospho
S393: Phospho
S708: Phospho
S710: Phospho; S711: Phospho
S203: Phospho
T975: Phospho
S105: Phospho
S97: Phospho
S256: Phospho
S966: Phospho
S454: Phospho
S532: Phospho
S624: Phospho
S1838: Phospho
S249: Phospho
S1069: Phospho
S295: Phospho
S284: Phospho
S452: Phospho
S165: Phospho
S1681: Phospho
S57: Phospho
S58: Phospho
S697: Phospho
S585: Phospho
T638: Phospho
S686: Phospho; S687: Phospho
S128: Phospho

SASLSYPDR
MLSSSDAITQEFMDLR
DVTPPPETEVLK
SSLFR
GHASAPYFGK
LHKPPADSGVDLR
QLSSSSSYSGDISR
SESVVYADIR
SLGPPGPPFNITPR
LQGGVSLASK
VSVGAPDLSLEASEGSIK
SELPLDPLPVPTTEGNPLK
NHAVLTANFSVTNLSQTDEIPVLT
NTSLPPLWSPEAER
VSPENLVDK
ANASPQKPLDLK
VVVSPTK
AADSQNSGEGNTGAAESSFSQEVSR
IPSEMPSPNFGK
QSGSPTLDTAPNGR
IHAESLLDSPAVALK
LHSSNPNLSTLDFGEEK
LHSSNPNLSTLDFGEEK
LHSSNPNLSTLDFGEEK
WSLGGR
SSSPVQVEEPPVR
VAAAAGSGPSPGSPGHDR
LSSGFDDIDLPSAVK
SSIHNFMTHPFR
NNSFTAPSTVGK
IFLSGTLETVR
DHSPTPSVFNSDEER
SPIIHSPK
SVGGSGGSGFDNLVTR
VNSGDTEVGSSLLR
LVHDSLEDLQMTR
VSPDFTQESR
SFHFDPLSSGSR
TIVIRPPFLRPEVSDGQITVK
HPPLYQAGLTPPLSPPK
LPDLSPVENK
SESSDFEVVVK
ISFVEEDVHPK
MEVGPFGSTGQESPTAENAR
WNSVSPASAGK
SSLFSPR
NSLESISSDR
YHGHSMSDPGVSRY
FQSLGVAFYR
SDHLIQTDTVNLHR
ASIGQSPGLPSTTFK
GSSGVSVDLLYWR

S3: Phospho
S3: Phospho
T8: Phospho
S2: Phospho
S4: Phospho
S8: Phospho
S3: Phospho; S4: Phospho
S3: Phospho
T12: Phospho
S4: Phospho
S16: Phospho
S1: Phospho
T17: Phospho
S3: Phospho
S2: Phospho
S4: Phospho
S4: Phospho
S7: Phospho
S7: Phospho
S4: Phospho
S10: Phospho
S3: Phospho
S4: Phospho
T10: Phospho
S2: Phospho
S3: Phospho
S10: Phospho; S14: Phospho
S3: Phospho
S2: Phospho
S3: Phospho
T7: Phospho
S11: Phospho
S1: Phospho; S6: Phospho
S5: Phospho
S3: Phospho
S5: Phospho
S2: Phospho
S11: Phospho
T1: Phospho
S14: Phospho
S5: Phospho
S4: Phospho
S2: Phospho
S12: Phospho
S3: Phospho
S5: Phospho
S7: Phospho
S5: Phospho
S3: Phospho
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S6: Phospho
S3: Phospho
S664: Phospho
S1376: Phospho
T526: Phospho
S1093: Phospho
S134: Phospho
S436: Phospho
S915: Phospho; S916: Phospho
S260: Phospho
T1781: Phospho
S5851: Phospho
S5400: Phospho
S503: Phospho
T60: Phospho
S203: Phospho
S2120: Phospho
S939: Phospho
S67: Phospho
S2037: Phospho
S687: Phospho
S701: Phospho
S410: Phospho
S303: Phospho
S304: Phospho
T310: Phospho
S1937: Phospho
S128: Phospho
S47: Phospho; S51: Phospho
S314: Phospho
S1140: Phospho
S557: Phospho
T292: Phospho
S500: Phospho
S489: Phospho; S494: Phospho
S632: Phospho
S3505: Phospho
S817: Phospho
S75: Phospho
S425: Phospho
T261: Phospho
S1308: Phospho
S2105: Phospho
S1249: Phospho
S1241: Phospho
S617: Phospho
S306: Phospho
S1704: Phospho
S1225: Phospho
S293: Phospho
S72: Phospho
S179: Phospho
S614: Phospho
S182: Phospho

SSGTNFQGLPSK
LAVLSSSLTHWK
EFDELNPSAQR
LTPVSPESSTEK
LSPSASPPR
VSHSPPPK
QSHSEPSLQSK
QSHSEPSLQSK
QSHSEPSLQSK
QSHSGSISPYPK
SLSGSSPCPK
SPGMLEPLGSSR
SPLAIR
SPQRPGWSR
SPSSPELNK
SSSPVTELASR
TPLISR
TPLLPR
TSPAPWK
LNHVAAGLVSPSLK
SNSPLPVPPSK
SNSPLPVPPSK
VTSGGVSESPSGFSK
SPSPDDILER
FSPPR
SFADIGK
SLTNSHLEK
IGSDPLAYEPK
SSLAETLDSTGSLDPQR
ASPGTPLSPGSLR
SLQQLAEER
SLASIEAK
SPIALPVK
VPSTPPP
VSGSFPEDSSK
SLSTEVEPK
TAPSSPLTSPSDTR
EPTPVLGSGAAAAGR
SPSELFAQHIVTIVHHVK
SPSELFAQHIVTIVHHVK
EPPSFVK
QESDEESRPQNANYPR
SGEGEVSGLMR
FSLAR
SPSPYYSR
GFGSFR
ALSLGTIPSLTR
AADISLDNLVEGK
EQYGLGYPYAVTPLTK
QISFK
GEALSALDSK
ISLPLPNFSSLNLR

S2: Phospho
S7: Phospho
S8: Phospho
S5: Phospho
S4: Phospho; S6: Phospho
S4: Phospho
S2: Phospho
S4: Phospho
S8: Phospho
S8: Phospho
S5: Phospho
S1: Phospho
S1: Phospho
S1: Phospho
S1: Phospho
T1: Phospho
T1: Phospho
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S10: Phospho
S1: Phospho
S3: Phospho
S3: Phospho
S3: Phospho
S2: Phospho
S1: Phospho
S1: Phospho; S5: Phospho
S3: Phospho
S12: Phospho
S11: Phospho
S1: Phospho
S4: Phospho
S1: Phospho
S3: Phospho
S4: Phospho
S3: Phospho
S5: Phospho
T3: Phospho
S1: Phospho
S3: Phospho
S4: Phospho
S3: Phospho
S1: Phospho
S2: Phospho
S1: Phospho; S3: Phospho
S4: Phospho
S3: Phospho
S5: Phospho
T12: Phospho
S3: Phospho
S9: Phospho
S10: Phospho
S162: Phospho
S98: Phospho
S663: Phospho
S272: Phospho
S391: Phospho; S393: Phospho
S638: Phospho
S1079: Phospho
S1081: Phospho
S1085: Phospho
S994: Phospho
S782: Phospho
S2132: Phospho
S2046: Phospho
S536: Phospho
S1499: Phospho
S1101: Phospho
T1880: Phospho
T2034: Phospho
S1857: Phospho
S207: Phospho
S301: Phospho
S303: Phospho
S280: Phospho
S580: Phospho
S67: Phospho
S233: Phospho
S52: Phospho; S56: Phospho
S703: Phospho
S81: Phospho
S43: Phospho
S1217: Phospho
S668: Phospho
S211: Phospho
S975: Phospho
S131: Phospho
S196: Phospho
S266: Phospho
T74: Phospho
S622: Phospho
S624: Phospho
S3738: Phospho
S710: Phospho
S473: Phospho
S24: Phospho
S260: Phospho; S262: Phospho
S770: Phospho
S454: Phospho
S1618: Phospho
T1609: Phospho
S184: Phospho
S168: Phospho
S420: Phospho

ISLPLPNFSSLNLR
QVQSLTCEVDALK
SLYASSPGGVYATR
LNATASLEQER
LSPPSLR
TLTPPLR
ASLEDAPVDDLTR
SCTPSPDQISHR

S2: Phospho
S4: Phospho
S6: Phospho
S6: Phospho
S4: Phospho
T3: Phospho
S2: Phospho
S5: Phospho

S412: Phospho
S325: Phospho
S56: Phospho
S32: Phospho
S209: Phospho
T364: Phospho
S284: Phospho
S275: Phospho

Peptide	Score	FDR	Scan Type	Found in Other Scan?	Rep116/Rep114	pval	Rep116/Rep114
25.23	0.0004	HCD	No		1.89	0.00E+00	
53.27	0.0000	HCD	Yes		1.23	1.89E-03	
23.9	0.0004	HCD	No		1.35	1.24E-06	
56.25	0.0000	HCD	No		1.58	1.11E-15	
103.95	0.0000	HCD	Yes		1.25	7.51E-03	
94.3	0.0000	HCD	Yes		1.43	4.70E-02	
37.01	0.0000	HCD	Yes		1.22	2.36E-02	
34.28	0.0000	HCD	No		1.12	1.39E-02	
32.23	0.0003	HCD	Yes		1.77	0.00E+00	
38.93	0.0000	CID	Yes		1.27	5.08E-03	
43.22	0.0000	HCD	No		1.30	1.36E-02	
33.57	0.0000	HCD	No		1.25	1.90E-02	
74.14	0.0000	HCD	Yes		1.27	4.67E-04	
27.59	0.0003	HCD	Yes		1.30	2.28E-04	
25.94	0.0003	HCD	No		1.36	2.97E-02	
85.86	0.0000	HCD	Yes		1.25	8.37E-03	
50.42	0.0000	HCD	No		1.40	4.36E-03	
29.18	0.0003	HCD	Yes		1.32	1.71E-04	
21.85	0.0003	HCD	No		1.42	6.48E-07	
47.97	0.0000	HCD	No		1.41	6.91E-12	
32.09	0.0003	HCD	No		1.22	2.74E-02	
31.29	0.0000	CID	No		1.29	1.67E-02	
49.37	0.0000	CID	Yes		1.60	6.25E-04	
44.94	0.0000	HCD	Yes		1.34	1.10E-07	
66.14	0.0000	CID	No		2.78	0.00E+00	
34.08	0.0000	CID	No		3.84	8.24E-05	
17.67	0.0004	HCD	No		1.44	4.07E-02	
19.69	0.0004	HCD	Yes		2.36	2.94E-13	
39.87	0.0000	CID	Yes		1.91	7.84E-14	
65.77	0.0000	HCD	Yes		1.27	1.97E-04	
24.59	0.0004	HCD	Yes		1.35	1.25E-04	
17.26	0.0004	HCD	No		1.20	3.41E-02	
22.36	0.0003	HCD	Yes		1.37	4.12E-04	
31.36	0.0003	HCD	No		1.45	1.40E-04	
18.42	0.0004	HCD	Yes		1.64	7.61E-04	
58.82	0.0000	HCD	No		1.42	3.49E-03	
67.79	0.0000	HCD	Yes		1.26	2.36E-02	
45.22	0.0000	HCD	No		1.33	7.94E-05	
83.44	0.0000	HCD	Yes		1.29	8.19E-03	
15.71	0.0006	HCD	No		1.44	9.68E-03	
44.06	0.0000	HCD	No		1.50	1.02E-08	
19.17	0.0004	HCD	Yes		1.20	1.01E-02	
23.98	0.0004	HCD	Yes		1.65	4.09E-02	
52.82	0.0000	CID	Yes		1.36	2.70E-03	
86.7	0.0000	HCD	Yes		1.39	8.77E-04	
61.93	0.0000	HCD	Yes		1.41	2.60E-03	
40.17	0.0000	CID	Yes		1.65	0.00E+00	
28.23	0.0003	HCD	Yes		1.22	7.33E-03	
39.94	0.0000	HCD	No		1.18	2.34E-02	
44.26	0.0000	HCD	No		1.40	3.92E-04	
28.23	0.0003	HCD	No		1.87	2.14E-03	

19.04	0.0004	HCD	No	1.52	2.19E-02
15.42	0.0006	HCD	No	1.45	2.17E-03
55.62	0.0000	HCD	Yes	1.14	1.42E-02
43.18	0.0000	HCD	Yes	1.31	9.78E-04
54.31	0.0000	HCD	Yes	1.32	1.21E-03
31.47	0.0003	HCD	Yes	1.41	3.26E-08
27.58	0.0003	HCD	No	1.29	1.66E-02
47.67	0.0000	HCD	Yes	2.00	0.00E+00
29.57	0.0003	HCD	No	1.77	1.17E-05
73.12	0.0000	HCD	No	1.24	2.67E-02
46.98	0.0000	HCD	Yes	1.22	2.87E-05
35.04	0.0000	HCD	No	1.22	4.91E-05
63.53	0.0000	CID	Yes	1.35	2.80E-04
60.5	0.0000	HCD	Yes	1.42	1.21E-03
56.55	0.0000	HCD	Yes	1.57	3.75E-11
50.04	0.0000	HCD	Yes	1.38	7.42E-03
27.84	0.0003	HCD	Yes	1.25	4.34E-02
43.77	0.0000	HCD	No	1.23	5.21E-04
67.95	0.0000	HCD	Yes	1.22	4.81E-02
40.59	0.0000	HCD	Yes	1.30	4.17E-05
16.79	0.0060	CID	No	1.36	3.60E-02
28.87	0.0003	CID	No	1.29	4.21E-03
63.39	0.0000	CID	Yes	1.31	1.34E-02
54.33	0.0000	HCD	No	1.41	1.43E-05
105.94	0.0000	HCD	Yes	1.51	1.18E-02
79.82	0.0000	HCD	Yes	1.66	1.27E-02
54.31	0.0000	HCD	Yes	1.44	3.77E-05
50.05	0.0000	HCD	Yes	1.53	9.71E-05
47.97	0.0000	HCD	No	1.25	1.72E-03
22.67	0.0004	HCD	No	1.34	2.35E-07
57.79	0.0000	HCD	Yes	2.28	0.00E+00
50.07	0.0000	HCD	Yes	1.32	2.32E-03
42.7	0.0000	HCD	No	1.20	1.31E-02
39.06	0.0000	HCD	No	1.60	2.74E-05
24.31	0.0004	HCD	No	1.24	1.51E-02
23.83	0.0016	CID	Yes	1.55	4.98E-05
45.46	0.0000	HCD	Yes	1.12	4.99E-02
21.22	0.0003	HCD	No	1.24	3.30E-02
75.18	0.0000	HCD	Yes	1.68	4.32E-02
84.84	0.0000	CID	Yes	1.55	1.28E-03
28.01	0.0003	HCD	No	1.62	1.67E-03
29.05	0.0003	HCD	No	1.33	2.25E-04
19.68	0.0004	HCD	No	1.27	5.18E-03
36.33	0.0000	HCD	Yes	1.25	8.69E-03
28.31	0.0003	CID	No	2.48	8.51E-03
38.06	0.0000	HCD	No	2.13	0.00E+00
33.21	0.0000	HCD	No	1.74	4.30E-07
47.68	0.0000	HCD	Yes	1.17	2.28E-02
45.63	0.0000	CID	Yes	1.55	3.11E-03
65.28	0.0000	HCD	Yes	1.45	9.67E-04
30.15	0.0003	HCD	No	1.68	1.38E-06
40.34	0.0000	HCD	Yes	1.23	1.41E-02

45.5	0.0000	HCD	No	1.17	5.76E-03
30.49	0.0003	HCD	Yes	2.31	1.59E-02
29.48	0.0003	HCD	Yes	1.34	2.34E-03
19.09	0.0004	HCD	No	1.29	1.63E-02
24.77	0.0004	HCD	No	1.41	7.77E-03
36.29	0.0000	HCD	Yes	2.82	0.00E+00
19	0.0004	HCD	Yes	1.39	3.85E-02
12.5	0.0136	CID	Yes	1.81	1.51E-12
84.73	0.0000	HCD	Yes	1.27	3.47E-02
66.73	0.0000	HCD	Yes	1.33	1.24E-03
60.11	0.0000	HCD	Yes	1.70	2.59E-04
63.44	0.0000	HCD	Yes	2.20	1.67E-03
55.42	0.0000	HCD	Yes	2.62	7.26E-04
32.65	0.0002	HCD	No	1.45	5.55E-03
56.55	0.0000	HCD	Yes	1.18	4.80E-03
24.33	0.0004	HCD	Yes	1.23	3.30E-02
41.63	0.0000	HCD	No	1.11	4.03E-02
93.77	0.0000	HCD	Yes	2.19	1.39E-02
34.83	0.0000	HCD	No	1.33	3.92E-04
45.88	0.0000	HCD	No	1.37	2.73E-03
62.47	0.0000	HCD	Yes	1.30	1.18E-02
43.34	0.0000	CID	No	1.85	2.80E-06
40.41	0.0000	CID	No	1.50	4.13E-03
29.85	0.0000	CID	No	1.67	3.99E-03
16.05	0.0005	HCD	No	1.45	4.43E-03
78.48	0.0000	HCD	No	1.43	5.26E-05
81.7	0.0000	HCD	Yes	1.69	7.12E-06
71.2	0.0000	CID	No	1.34	1.41E-03
63.73	0.0000	HCD	No	1.81	2.70E-05
69.07	0.0000	HCD	No	1.23	4.05E-02
85	0.0000	HCD	No	1.22	1.76E-03
38.95	0.0000	CID	No	2.37	4.59E-07
24.83	0.0004	HCD	No	1.73	8.25E-08
69.7	0.0000	HCD	Yes	1.27	3.44E-02
51.2	0.0000	HCD	Yes	1.30	4.92E-03
34.34	0.0000	CID	No	1.55	4.79E-04
17.04	0.0056	CID	No	1.25	1.94E-02
20.53	0.0003	HCD	No	1.71	2.63E-05
11.46	0.0169	CID	Yes	1.55	1.45E-02
44.4	0.0000	HCD	Yes	1.42	2.60E-02
29.56	0.0003	HCD	Yes	1.16	2.59E-02
19.84	0.0023	CID	No	1.39	2.36E-02
45.26	0.0000	CID	No	1.43	4.61E-05
102.05	0.0000	HCD	Yes	1.65	4.06E-05
28.16	0.0003	HCD	No	1.27	1.45E-02
32	0.0003	HCD	Yes	1.21	2.56E-02
51.97	0.0000	CID	Yes	1.25	8.68E-03
60.44	0.0000	HCD	Yes	2.39	0.00E+00
48.33	0.0000	HCD	No	1.37	2.11E-04
61.54	0.0000	HCD	No	1.87	6.58E-09
33.04	0.0002	HCD	Yes	1.32	6.04E-05
36.89	0.0000	CID	Yes	1.73	1.91E-02

44.78	0.0000	HCD	Yes	1.69	5.50E-07
34.24	0.0000	HCD	No	2.08	2.33E-10
63.13	0.0000	HCD	Yes	1.20	2.09E-02
69.85	0.0000	CID	Yes	1.38	1.02E-04
45.14	0.0000	HCD	Yes	1.15	1.41E-02
25.04	0.0007	CID	Yes	1.16	3.60E-02
70.18	0.0000	CID	Yes	1.66	1.13E-05
21.48	0.0003	HCD	Yes	1.25	6.41E-03
28.61	0.0003	HCD	Yes	1.72	8.06E-10
30.41	0.0003	HCD	Yes	2.01	0.00E+00
72.59	0.0000	HCD	Yes	1.21	2.58E-03
48.56	0.0000	HCD	Yes	1.54	9.31E-05
16.01	0.0072	CID	No	1.22	4.34E-03
10.77	0.0011	HCD	Yes	1.32	1.18E-04
56.13	0.0000	HCD	Yes	1.31	1.39E-03
47.3	0.0000	HCD	Yes	1.33	3.05E-08
24.48	0.0004	HCD	Yes	1.15	1.12E-02
37.72	0.0000	HCD	Yes	1.36	7.96E-08
39.96	0.0000	HCD	Yes	1.47	4.59E-10
65.5	0.0000	HCD	Yes	1.34	7.97E-04
38.82	0.0000	HCD	Yes	1.23	7.72E-03
17.39	0.0004	HCD	Yes	1.93	4.36E-13
19.57	0.0028	CID	No	1.16	4.53E-02
49.2	0.0000	HCD	Yes	1.65	3.83E-06
18.83	0.0036	CID	Yes	1.11	4.42E-02
50.61	0.0000	HCD	Yes	1.35	2.31E-07
49.43	0.0000	HCD	No	1.40	1.75E-05
19.19	0.0031	CID	Yes	1.19	1.63E-02
67.6	0.0000	CID	No	1.42	1.05E-02
107.28	0.0000	HCD	Yes	1.71	2.26E-14
51.01	0.0000	HCD	Yes	1.68	6.36E-11
47.6	0.0000	HCD	No	1.16	4.97E-03
69.55	0.0000	HCD	Yes	1.94	0.00E+00
25.43	0.0004	HCD	No	1.26	3.74E-02
53.61	0.0000	HCD	No	1.34	5.04E-06
46.36	0.0000	HCD	Yes	1.40	2.11E-07
46.26	0.0000	HCD	Yes	1.29	1.65E-02
87.24	0.0000	HCD	Yes	3.22	0.00E+00
66.79	0.0000	HCD	Yes	1.56	4.92E-04
66.29	0.0000	HCD	No	1.47	1.09E-02
19.87	0.0023	CID	No	1.88	2.81E-09
34.44	0.0000	HCD	No	1.74	2.10E-04
56.95	0.0000	CID	Yes	1.23	7.60E-03
29.66	0.0000	CID	Yes	1.95	0.00E+00
14.87	0.0086	CID	Yes	1.42	4.64E-03
21.35	0.0003	HCD	No	1.13	4.33E-02
67.3	0.0000	HCD	No	1.20	1.95E-02
40.03	0.0000	HCD	Yes	1.53	2.54E-04
32.08	0.0000	CID	No	1.49	1.25E-02
23.6	0.0004	HCD	No	1.13	9.12E-03
69.51	0.0000	HCD	Yes	1.46	3.67E-05
26.04	0.0008	CID	No	1.64	2.74E-04

22.24	0.0021	CID	Yes	2.97	3.11E-15
41.83	0.0000	HCD	Yes	1.48	4.20E-02
36.91	0.0000	CID	Yes	1.49	1.84E-04
93.32	0.0000	HCD	No	1.40	3.13E-05
33.45	0.0000	HCD	Yes	1.25	9.82E-05
28.21	0.0003	HCD	Yes	1.23	1.87E-04
33.37	0.0000	CID	No	1.51	8.56E-04
21.22	0.0003	HCD	No	1.46	1.85E-05