acid phosphatase 1 isoform b/c
QLIIEDPpYYGNDSDFETVYQQCV (3+)
activated p21cdc42Hs kinase (Ack1)

VSSTHpYpYLLPERPSYLER (4+)
activated p21cdc42Hs kinase (Ack1)

VSSTHpYYLLPERPSYLER (4+)
annexin A2

ApYTNFDAERDALNIAIK (4+)
Crk-associated substrate p130Cas
DVPDGPLLREEPYDVPPAFA (4+)
Crk-associated substrate p130Cas
HLLAPGPQDIpYDVPPVR (3+)
+TOF Product (663.8): Experiment 2, 20.725 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 70.0 counts.

c-Cbl
DLPPPPPPDRPpYSVGAESRPQR (4+)
catenin (cadherin-associated protein), delta 1

LRSYEDMIGEEVPSDQpYYWAPLAQHER (4+)
catenin (cadherin-associated protein), delta 1
LRSpYEDMIGEEVPSDQpYYWAPLAQHER (4+)
caveolin 1

YVDSEGLHpYTVPIR (3+)
caveolin 1
YVDSEGHLpYTVPIR (4+)
caveolin 1

pYVDESEGHLpYTVPIREQGNIpYKPNK (5+)
Max. 118.0 counts.

cell division cycle 2 protein isoform 1
IGEGT\text{pYGVVYK} (2+)
cell division cycle 2 protein isoform 1
IGEGTpYGVVYK (3+)
chromosome 20 open reading frame 18 (HOIL-1)
NSQEAEVSCPFIDNTpYSQSGK (3+)

Max. 160.0 counts.
chromosome 20 open reading frame 18 (HOIL-1)
NSQEAEVSCPFIDNTpYSCSGK (4+)
chromosome 3 open reading frame 6 (Ymer)
AYADSYpYYEDGGMKPR (3+)
chromosome 3 open reading frame 6 (Ymer)
AYADSYpYYEDGGMKPR (4+)
Max. 189.0 counts.

Cortactin

GPVSGTEPEPVpYSMEAADYR (3+)
enolase 1
AAVPSGASTGlpYEALELR (3+)

Max. 38.0 counts.
+TOF Product (855.7): Experiment 4, 85.772 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 43.0 counts.

ephrin B2
VSGDYGHPVYIVQEMPPQSPANIpYYKV (4+)
+TOF Product (607.9): Experiment 2, 25.763 min from iTRAQ_0825_051030_2X_1013.wiff
a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 61.0 counts.

ephrin B2
TADSVFCPHpYEK (3+)
+TOF Product (627.3): Experiment 2, 80.254 min from iTRAQ_0825_051030_2X_1013.wiff
a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 103.0 counts.

ephrin receptor EphA1
LLDDFDGTpYETQGKIPIR (4+)
ephrin receptor EphA2
VLEDDEATpYTTSGGKIPIR (4+)
TOF Product (590.3): Experiment 2, 40.244 min from iTRAQ_0825_051030_2X_1013.wiff

a = 3.55904047954970440e-004, t0 = -4.19968771564240840e+001

Max. 72.0 counts.

The diagram shows a mass spectrum with m/z values and corresponding intensities. The peak at 723.30 amu is highlighted, representing the ephrin receptor EphA2 peptide sequence TYVDPHTpYEDPNQAVLK (4+).
TOF Product (913.2): Experiment 5, 55.741 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 36.0 counts.

ephrin receptor EphA2

SEQLKPLKTpYVDPTHpYEDPNQAVLK (4+)
ephrin receptor EphB1
IYIDPFTpYEDPNEAVR (3+)
ephrin receptor EphB3
VYIDPFTpYEDPNEAVR (3+)
TOF Product (713.6): Experiment 2, 110.764 min from iTRAQ_0825_051030_2X_1013.wiff

\[ a = 3.55904047954970440 \times 10^{-4}, t_0 = -4.19968771564240840 \times 10^1 \]

Max. 64.0 counts.

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ephrin receptor EphB3
VpYIDPFTpYEDPNEAVREFAK (4+)
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TOF Product (596.9): Experiment 2, 56.859 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 60.0 counts.

epidermal growth factor receptor
MHLPSPTDSNFpYR (3+)
+TOF Product (868.7): Experiment 4, 70.294 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 269.0 counts.

epidermal growth factor receptor
GSHQISLDNPDpYQQDFFPK (3+)
epidermal growth factor receptor
GSHQIpSLDNPDpYQQDFFPK (4+)
TOF Product (942.4): Experiment 2, 116.671 min from iTRAQ_0825_051030_2X_1013.wiff

Max. 111.0 counts.

Epidermal growth factor receptor
YSSDPTGALTEDSIDDTFLPVPEpYNQSVPK (4+)
+TOF Product (962.4): Experiment 2, 123.372 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 90.0 counts.

epidermal growth factor receptor
pYSSDPTGALTEDSIDDTFLPVEpYINQSVPK (4+)
epidermal growth factor receptor pathway substrate 15 (Eps15)
EADPSNFANFSApYPSEEDMIEWAK (4+)
tyrosine-protein kinase FRK
WKLEDYFETDSSpYSDANNFIR(4+)
G protein-coupled receptor kinase-interactor 1 (GIT1)
LQPFHSTELEDAlpYSVHVPAGLYR(4+)
+TOF Product (502.6): Experiment 2, 29.293 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 37.0 counts.

glycogen synthase kinase 3 alpha
GEPNVSpYICSR (3+)
holographic protein FLJ14564
VAQQLSLVGCEVVPDPSPDHLpYSFR (4+)
hypothetical protein FLJ21610
SELPpYEELWLEEGKPSHQPLTR (5+)
hypothesis protein FLJ30532 (MARVELD2)
RYDEVPSDLPPYQDTTIR (3+)
inositol polyphosphate phosphatase-like 1 (SHIP-2)
NSFNNPApYYVLEGVPHQLLPPEPPpSPARAPVPSATK (3+)
inositol polyphosphate phosphatase-like 1 (SHIP-2)

NSFNNPApYYVLEGVPQHLPPPEPpSPARAPVPSATK (5+)
insulin receptor
DIYETDpYYRK (3+)
extracellular signal-regulated kinase 2 (Erk2)
VADPDHDHTGFLTEpYVATR (4+)
extracellular signal-regulated kinase 1 (Erk1)
IADPEHDHTGFLTEpYVATR (4+)
Paxillin

VGEEEHVpYSFPNK (4+)
Phosphatidylinositol 3-kinase regulatory alpha subunit (PI3-kinase p85-alpha subunit) isoform 1/2/3
LNEWLGNENTEDQpYSLVEDDEDLPDHDEK (5+)
phosphoinositol 3-phosphate-binding protein-2
ERPISMINEASpYNVTSDpYAVHPMSPVGR (4+)
phosphoinositol 3-phosphate-binding protein-3
SEDIPYADPAAYVMR (3+)
phospholipase C gamma 1 isoform a

IGTAEPDYGALpYEGRNPGFYVEANPMPTFK (4+)
phospholipase C gamma 1 isoform a
IGTAEPMGYGAPYEGRNPFPYVEANPMPTFK (4+)
plakophilin 3
LGPGGLDDRpYSLVSEQLEPAATSTYR (4+)
plakophilin 3
GQpYHTLQAGFSSR (3+)
protein tyrosine phosphatase, non-receptor type 11
IQNTGDpYYDLYGGEK (3+)
Max. 58.0 counts.

protein tyrosine phosphatase, non-receptor type 18 (BDP1)
SAEEAPLpYSK (3+)
protein tyrosine phosphatase, receptor type, A isoform 1
VVQEYIDAFSdpYANFK (3+)
focal adhesion kinase 1
YMEDSTpYYK (3+)
+TOF Product (783.4): Experiment 2, 36.991 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 41.0 counts.

ras inhibitor RIN1
EKPAQDPLpYDVPNASGQAGGPQRPGR (4+)
Max. 73.0 counts.

retinoic acid induced 3
AYSQEEITQGFEETGDTLpYAPYSTHFQLQNQPPQK (5+)
Rho guanine nucleotide exchange factor 5
LINSSQLLpYQEpYSKVNLK (4+)
Rho guanine nucleotide exchange factor 5
LINSSQLLpYQEYSDVVLNK (4+)
S-adenosylhomocysteine hydrolase-like 1
EIEDAEKpYSFMATVTK (4+)
serine/threonine-protein kinase PRP4K
LCDFGSASHVADNDITPpYLVSR (3+)
SHC (Src homology 2 domain containing) transforming protein 1
ELFDDPSpYVNVQNLDK (3+)
SHC (Src homology 2 domain containing) transforming protein 1
MAGFDGSAWDEEEEPDDHQpYYNDFPGKEPPLGGVVDMR (5+)
SHC (Src homology 2 domain containing) transforming protein 1
MAGFDGSAWDEEEEPPDHQpYpYNDFPGKEPPLGGVVDMR (4+)
signal transducer and activator of transcription 3 isoform 1

YCRPESQEHPEADPGSAAPpYLK (4+)
signal transducer and activator of transcription 3 isoform 2
YCRPESQEHPADPGAAPpYLK (5+)
signal transducing adaptor molecule 1
LMNEDPMPYSMYAK (3+)
signal transducing adaptor molecule 2
LVNEAPVYSVpYSK (3+)
similar to FLJ00269 protein
EATQPEPIpYAESTKR (3+)
+TOF Product (702.3): Experiment 2, 92.932 min from iTRAQ_0825_051030_2X_1013.wiff
a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 56.0 counts.

similar to KIAA0606 protein
HYQLDQLPDpYYDTPL (3+)
similar to KIAA1217 protein
NEGFpYADPYLYHEGR (3+)
solute carrier family 38, member 2; amino acid transporter 2
FSISPDEDSSSpYSSNSDFNYSYPTK (4+)
target of myb1-like 2
TSAGSpYSSPPAPpYSAPQAPALSVTGPITANSEQIAR (5+)
tensin-like SH2 domain-containing 1
KLpSLGQpYDNDAGGQLPFSK (4+)
+TOF Product (850.6): Experiment 2, 91.244 min from iTRAQ_0825_051030_2X_1013.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 49.0 counts.

tensin-like SH2 domain-containing 1
WDpSYENLSADGEVLHTQGPVDGSLpYAK (3+)
transferrin receptor (p90, CD71)
SAFSNLFGGEPLSpYTR (3+)
v-erb-b2 erythroblastic leukemia viral oncogene homolog 2 (HER2)

GTPTAENPEpYLGLDVPV (3+)
c-Cbl
VTQEYELpYCEMGSTFQLCK (4+)
catenin (cadherin-associated protein), delta 1
LNGPQDHSHLLpYSTIPR (4+)
caveolin 1
pYVDSEGHLpYTVPpR (3+)
cell division cycle 2 protein isoform 1
IGEGTYGVVpYK (3+)
chromosome 3 open reading frame 6 (Ymer)
ApYADSYpYYEDGGMKPR (4+)
Max. 119.0 counts.

desmocollin 2 isoform Dsc2a preproprotein

YTPYSEWHSFTQPR (3+)
endothelial and smooth muscle cell-derived neuropilin-like protein
AGKPGLPAPDELVpYQVPQSTQEVSAG (4+)
engulfment and cell motility 2
EVCDGWSLPNPEpYYTLR (3+)
TOF Product (642.6): Experiment 5, 84.518 min from iTRAQ_0908_101030550.IMAC.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 54.0 counts.

ephrin receptor EphA2
MQPpYTEHMAMAAGpYTAIEK (4+)
glucose-6-phosphate dehydrogenase
VGFQYEGTPYK (3+)
insulin receptor
DlpYETDpYYRK (3+)
intersectin 2 isoform 1
LipYLVPEK (3+)
junction plakoglobin; gamma-catenin
VTEWQQT\textsubscript{p}YTYD\textsubscript{S}G\textsubscript{H}SG\textsubscript{A}NTCV\textsubscript{P}SVSSK (4+)
LIM domain containing preferred translocation partner in lipoma

YYEGYpYAAGPGYGGR & YYEGpYYAAGPGYGGR (3+)
+TOF Product (483.3): Experiment 2, 36.442 min from iTRAQ_0908_101030550.IMAC.wiff

\[ a = 3.55904047954970440 \times 10^{-4}, \quad t_0 = -4.19968771564240840 \times 10^1 \]

Max. 58.0 counts.

Oncogene LCK
LIEDNEpYTAR(3+)
Max. 79.0 counts.

NCK tyrosine kinase

LpYDLNMPAYVK (3+)
atypical PKC isotype-specific interacting protein
EGHMMDALpYAQVK (4+)
phosphoinositide-3-kinase, regulatory subunit, polypeptide 2 (p85 beta)

EYDQLpYEEYTR (3+)
+TOF Product (559.3): Experiment 2, 21.386 min from iTRAQ_0908_101030550_IMAC_2ndIP.wiff

$a=3.55904047954970440e-004$, $t0=-4.19968771564240840e+001$

Max. 24.0 counts.

plakophilin 3

GQpYHTLQAGFSSR (3+)_

m/z, amu
+TOF Product (686.6): Experiment 2, 54.348 min from iTRAQ_0908_101030550_IMAC_2ndIP.wiff

$a=3.55904047954970440e-004$, $t_0=-4.19968771564240840e+001$

Max. 67.0 counts.

plakophilin 4

NNYALNTTATpYAEPYRPIQYR (4+)
plectin 1, intermediate filament binding protein 500kDa
GpYYSPYSVSGSGSTAGSR (3+)
polymerase I and transcript release factor
SFTPDHVpYAR (3+)
protein-tyrosine kinase BRK
LSSFTSpYENPT (2+)
TOF Product (635.6): Experiment 6, 63.726 min from iTRAQ_0908_101030550_IMAC_2ndIP.wiff

a=3.55904047954970440e-004, t0=-4.19968771564240840e+001

Max. 63.0 counts.

SHB (Src homology 2 domain containing) adaptor protein B
VTIADDpYSDFPDAKNDLK (4+)
signal transducing adaptor molecule 2
LVNEAPVpYSVYSK (3+)

Max. 133.0 counts.
signal transducing adaptor molecule 2
LVNEAPV\textit{p}YSV\textit{p}YSK (3+)
ubiquitin associated protein 2 isoform 1
LPVDpYYGIPFAAPTALASR (3+)