Row,Col	ID	Sequence	Tyr	SpotC	UniprotAccession	Description
1,1	EFS_246_258	GGTDEGIYDVPLL	[253]	500	O43281	Embryonal Fyn-associated substrate (HEFS).
1,2	41_654_666	LDGENIYIRHSNL	[660]	1000	P11171	Protein 4.1 (Band 4.1) (P4.1) (EPB4.1) (4.1R).
1,3	ACHD_383_395	YISKAEEYFLLKS	[383, 390]	1000	Q07001	Acetylcholine receptor subunit delta precursor.
						Glutamyl aminopeptidase (EC 3.4.11.7) (EAP) (Aminopeptidase A)
1,4	AMPE_5_17	EREGSKRYCIQTK	[12]	1000	Q07075	(APA)(Differentiation antigen gp160) (CD249 antigen).
						Annexin A2 (Annexin-2) (Annexin II) (Lipocortin II) (Calpactin I heavychain)
1,5	ANXA2_17_29	HSTPPSAYGSVKA	[24]	1000	P07355	(Chromobindin-8) (p36) (Protein I) (Placental anticoagulantprotein IV) (PAP-IV).
4.6	ART OOA FAIVAARFAKKKK	EALVA A DEALVIV		4000	.	,,,
1,6	ART_004_EAIYAAPFAKKKXC	EAIYAAPFAKKK	NA	1000	NA	NA
4 7	D2AT 20 54	TE A TA TOWN THE COLUMN	[46]	4,000	B02720	Band 3 anion transport protein (Anion exchange protein 1) (AE 1)(Solute carrier
1,7	B3AT_39_51	TEATATDYHTTSH	[46]	1000	P02730	family 4 member 1) (CD233 antigen).
						Complement City subsempenent productor (FC 2.4.21.41)
						Complement C1r subcomponent precursor (EC 3.4.21.41) (Complementcomponent 1, r subcomponent) [Contains: Complement C1r
1 0	C1D 100 311	TEACCVICEI EVD	[204 210]	1000	D00726	
1,8	C1R_199_211	TEASGYISSLEYP	[204, 210]		P00736 P0DP23	subcomponentheavy chain; Complement C1r subcomponent light chain].
1,9	CALM_93_105	FDKDGNGYISAAE	[100]			Calmodulin (CaM).
1,10	CALM_95_107	KDGNGYISAAELR	[100]	1000	PODP23	Calmodulin (CaM).
						E3 ubiquitin-protein ligase CBL (EC 6.3.2) (Signal transductionprotein CBL)
						(Proto-oncogene c-CBL) (Casitas B-lineage lymphoma proto-oncogene) (RING
1,11	CBL_693_705	EGEEDTEYMTPSS	[700]	1000	P22681	finger protein 55).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
1,12	CD3Z_116_128	KDKMAEAYSEIGM	[123]	1000	P20963	chain) (CD247 antigen).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
1,13	CD3Z_146_158	STATKDTYDALHM	[153]	1000	P20963	chain) (CD247 antigen).
	ART_003_EAI(pY)AAPFAKKK					
1,14	XC	EAI(pY)AAPFAKKK	NA	30	NA	NA
						Cyclin-dependent kinase 2 (EC:2.7.11.22) Cell division protein kinase 2 (EC
2,1	CDK2_8_20	EKIGEGTYGVVYK	[15, 19]	1000	P24941	2.7.11.22) (p33 protein kinase).
						Cyclin-dependent kinase 7 (EC:2.7.11.22, EC:2.7.11.23) Cell division protein
						kinase 7 (EC 2.7.11.22) (EC 2.7.11.23) (CDK-activating kinase) (TFIIH basal
2,2	CDK7_157_169	GLAKSFGSPNRAY	[169]		P50613	transcription factor complexkinase subunit) (39 kDa protein kinase) (P39 Mo15)
2,3	CRK_214_226	GPPEPGPYAQPSV	[221]		P46108	Proto-oncogene C-crk (p38) (Adapter molecule crk).
2,4	CTNB1_79_91	VADIDGQYAMTRA	[86]	1000	P35222	Catenin beta-1 (Beta-catenin).
2.5	DCV 67 70	GIVYAVSSDRFRS	[70]	1000	O43602	Nouvenal migration protein double certin (Licenseanbellin VV (Lic VV/Doublin)
2,5	DCX_67_79	GIVYAVSSDRFRS	[70]	1000	043602	Neuronal migration protein doublecortin (Lissencephalin-X) (Lis-X)(Doublin).
						Enithelial dissaidin demain containing recentor 1 procursor/FC 2.7.10.1)
						Epithelial discoidin domain-containing receptor 1 precursor(EC 2.7.10.1)
						(Epithelial discoidin domain receptor 1) (Tyrosinekinase DDR) (Discoidin receptor
2.6	DDD4 506 540	LILICANDAVBILLA	[542]	4000	000345	tyrosine kinase) (Tyrosine-proteinkinase CAK) (Cell adhesion kinase) (TRK E)
2,6	DDR1_506_518	LLLSNPAYRLLLA	[513]	1000	Q08345	(Protein-tyrosine kinaseRTK 6) (HGK2) (CD167a antigen).
						Dual specificity tyrosine-phosphorylation-regulated kinase 1A(EC 2.7.12.1)
	DVD44 242 224	IVI IDTEN ALOOMA (* **	[240, 226]	4000	043637	(Protein kinase minibrain homolog) (MNBH) (HP86) (Dualspecificity YAK1-related
2,7	DYR1A_212_224	KHDTEMKYYIVHL	[219, 220]	1000	Q13627	kinase) (hMNB).

				I	I	Dual specificity tyrosine-phosphorylation-regulated kinase 1A(EC 2.7.12.1)
						(Protein kinase minibrain homolog) (MNBH) (HP86) (Dualspecificity YAK1-related
2,8	DYR1A_312_324	CQLGQRIYQYIQS	[319, 321]	1000	Q13627	kinase) (hMNB).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,9	EGFR_1062_1074	EDSFLQRYSSDPT	[1069]	1000	P00533	protein kinase ErbB-1).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,10	EGFR_1103_1115	GSVQNPVYHNQPL	[1110]	1000	P00533	protein kinase ErbB-1).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,11	EGFR_1118_1130	APSRDPHYQDPHS	[1125]	1000	P00533	protein kinase ErbB-1).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,12	EGFR_1190_1202	STAENAEYLRVAP	[1197]	1000	P00533	protein kinase ErbB-1).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,13	EGFR_862_874	LGAEEKEYHAEGG	[869]	1000	P00533	protein kinase ErbB-1).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
2,14	EGFR_908_920	MTFGSKPYDGIPA	[915]	1000	P00533	protein kinase ErbB-1).
						Ephrin type-A receptor 1 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,1	EPHA1_774_786	LDDFDGTYETQGG	[781]	1000	P21709	receptor EPH).
						Ephrin type-A receptor 2 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,2	EPHA2_581_593	QLKPLKTYVDPHT	[588]	1000	P29317	receptor ECK) (Epithelial cell kinase).
						Ephrin type-A receptor 2 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,3	EPHA2_765_777	EDDPEATYTTSGG	[772]	1000	P29317	receptor ECK) (Epithelial cell kinase).
						Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
						receptor SEK) (Receptor protein-tyrosine kinase HEK8)(Tyrosine-protein kinase
3,4	EPHA4_589_601	LNQGVRTYVDPFT	[596]	1000	P54764	TYRO1).
						Ephrin type-A receptor 4 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
						receptor SEK) (Receptor protein-tyrosine kinase HEK8)(Tyrosine-protein kinase
3,5	EPHA4_921_933	QAIKMDRYKDNFT	[928]	1000	P54764	TYRO1).
						Ephrin type-A receptor 7 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
						receptor EHK-3) (EPH homology kinase 3) (Receptor protein-tyrosine kinase
3,6	EPHA7_607_619	TYIDPETYEDPNR	[608, 614]	1000	Q15375	HEK11).
l						Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,7	EPHB1_771_783	DDTSDPTYTSSLG	[778]	1000	P54762	receptor EPH-2) (NET) (HEK6) (ELK).
			raaa)			Ephrin type-B receptor 1 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,8	EPHB1_921_933	SAIKMVQYRDSFL	[928]	1000	P54762	receptor EPH-2) (NET) (HEK6) (ELK).
	EDUDA 502 505	ICH CTIA AUDDET	[500]	1000	DE 4760	Ephrin type-B receptor 4 precursor (EC 2.7.10.1) (Tyrosine-proteinkinase
3,9	EPHB4_583_595	IGHGTKVYIDPFT	[590]		P54760	receptor HTK) (Tyrosine-protein kinase TYRO11).
3,10	EPOR_361_373	SEHAQDTYLVLDK	[368]	1000	P19235	Erythropoietin receptor precursor (EPO-R).
						Receptor tyrosine-protein kinase erbB-2 precursor (EC 2.7.10.1)(p185erbB2) (C-
2 11	EDDD2 070 002	LDIDETEVILABGE	[077]	1000	D04636	erbB-2) (NEU proto-oncogene) (Tyrosine kinase-type cellsurface receptor HER2)
3,11	ERBB2_870_882	LDIDETEYHADGG	[877]	1000	P04626	(MLN 19) (CD340 antigen).
						Receptor tyrosine-protein kinase erbB-4 precursor (EC 2.7.10.1)(p180erbB4)
3,12	ERBB4 1181 1193	QALDNPEYHNASN	[1188]	1000	Q15303	(Tyrosine kinase-type cell surface receptor HER4).
3,12	EFS 246 258 Y253F	GGTDEGIFDVPLL	[1100]		043281	Embryonal Fyn-associated substrate (HEFS).
٥,1٥	LI 3_240_230_1233F	Iggiprgilpskrr	[LJ	300	043201	Embryonari yn-associateu substrate (NEFS).

1,14							Fatty acid-binding protein, heart (H-FABP) (Heart-type fatty acid-binding protein)
FAKI_569_581 RYMEDSTYYKASK S77] 1000 Q05397 Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrkinase 2).							(Muscle fatty acid-binding protein) (M-FABP)(Mammary-derived growth
4.1 FAKI_569_581 RYMEDSTYYKASK 577] 1000_Q05397 kinase 2]. FORTITY TYPOSINE KINASE 2] FORTITY TYPOSINE KINASE 2] FORTITY TYPOSINE KINASE 2] (Cell adhesion kinase 2) [573, 579, 580] 1000 Q14289 (FORTITY Prosine KINASE) (CADTK) (Relatedadhesion focal tyrosine kinase 2) [674, 674] (RAFTQ). FER_707_719	3,14	FABPH_13_25	DSKNFDDYMKSLG	· ·	1000	P05413	
Protein tyrosine kinase 2 (Eq. 27.10.2) (Focal adhesion kinase 2) (Froiline-rich tyrosine kinase 2) (Cell adhesion kinase bata) (Cak beta) (Cell adhesion kinase bata) (Cak beta) (Cell adhesion kinase bata) (Cak beta) (Cell adhesion kinase bata) (Cell adhesion kinase) (Cell adhesio				[570, 576,			Focal adhesion kinase 1 (EC 2.7.10.2) (FADK 1) (pp125FAK) (Protein-tyrosine
4.2 FAK2_572_584 RYIEDEDYYKASV S80] 1000 Q14289 (Proline-rich tyrosine kinase) (CADTK) (Relatedahdesion focal tyrosine kinase) (RATK). 4.3 FER_707_719 RQEDGVYSSSGL [714] 1000 P16591 Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (p94-FER) (c- (Tyrosine kinase) (CADTK) (Relatedahdesion focal tyrosine kinase) (RATK). 4.4 FES_706_718 REEADGVYAASGG [713] 1000 P07332 Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (p94-FER) (c- (Tyrosine kinase) 3. 4.5 FGFR3_641_653 DVHNLDYYKKTTN [647, 648] 1000 P22607 Introduced protein kinase FRK (EC 2.7.10.2) (FVN-related kinase) (Nuclear protein kinase FRK (EC 2.7.10.1) (IR) (CD220 antigen) (Contains: receptor subunit alpha; insulin receptor subunitbeta). 4.7 INSR_1348_1360 SLGFKRSYEEHIP [1355] 1000 P06213 Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) (Contains: receptor subunit alpha; insulin receptor subunitbeta). 4.8 INSR_992_1004 YASSNPEYLSASD [992_999] 1000 P06213 Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) (Contains: receptor subunit alpha; insulin receptor subunitbeta). 4.9 JAK1_1027_1039 AIETOKEYTYVED [034,1035] 1000 P021488 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4.10 JAK2_563_577 VRREVGDYGGLHETE [570] 1000 P066074 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 1) (JAK-2). 4.11 K2C68_51_65 GAGFGSRSLYGLG [62] (JAC 2.7.100) P07678 Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK-8) (Kebkeratin). 4.12 K2C8_425_437 SAGGLISPGLSY [427, 437] 1000 P07686 Were the protein (JAC 2.7.10.2) (Janus kinase 2) (JAK-2). 4.13 LAT_194_206 MESIDDYVNVPES [200] 1000 P07686 Were the protein (JAC 2.7.10.2) (J	4,1	FAK1_569_581	RYMEDSTYYKASK	577]	1000	Q05397	kinase 2).
4.2 FAK2_572_584 RYIEDEDYYKASV 580] 1000 Q14289 (RAFTK). FAK2_572_584 RYIEDEDYYKASV 580] 1000 Q14289 (RAFTK). RAFTK]. REE_TOT_719 REEDGGYYSSSGL 714 1000 P16591 (Tyrosine kinase 3). FEE_TOT_719 REEDGGYYSSSGL 714 1000 P16591 (Tyrosine kinase 3). 4.4 FES_TOE_718 REEADGYYAASGG 713 1000 P07332 Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (C-Pes). FIBRODIST growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR3)(CI antigen). 4.5 FGFR3_641_653 DVHNLDYYKKTTN 647, 648 1000 P22607 Integen). 4.6 FRK_380_392 KVDNEDIYESRHE 387 1000 P22607 Tyrosine-protein kinase FFK (EC 2.7.10.2) (FYN-related kinase)(Nuclear protein kinase FFK (EC 2.7.10.2) (FYN-related kinase)(Nuclear protein kinase FFK (EC 2.7.10.1) (IR) (CD220 antigen)(Contains: receptor subunit alpha; insulin receptor subunitabeta). 4.7 INSR_1348_1360 SLGFKRSYEEHIP 1355 1000 P06213 receptor subunit alpha; insulin receptor subunitabeta]. 4.8 INSR_992_1004 YASSNPEYLSASD 1992, 999 1000 P06213 receptor subunit alpha; insulin receptor subunitabeta]. 4.9 JAK1_1027_1039 AIETDKEYYTYKD 1034,1035 1000 P02458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 2) (JAK-1). 4.10 JAK2_563_575 VYRREVORYGQLHETE 570 1000 P06213 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 2) (JAK-1). 4.11 K2C68_53_65 GAGFGSRSIVGIG 6[2] 1000 P0259 Keratin, type II cytoskeletal 6B (Cytokeratin-8) (CK 6B) (K6bkeratin). 4.11 K2C68_53_65 GAGFGSRSIVGIG 6[2] 1000 P0259 Keratin, type II cytoskeletal 6B (Cytokeratin-8) (CK 6B) (K6bkeratin). 4.12 K2C8_42_437 SAYGGLTSPGLSY (427, 437) 1000 P0259 Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK 6B) (K6bkeratin). 4.13 LAT_194_206 MESIDDYNYVPES (203) 1000 P0259 Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK 8) (K6bkeratin-8) (CK 8) (K6bk							Protein tyrosine kinase 2 beta (EC 2.7.10.2) (Focal adhesion kinase 2)(FADK 2)
FAK2_572_584 RYIEDEDYYKASV 580 1000 014289 IRAFTK). IRAFTK).							(Proline-rich tyrosine kinase 2) (Cell adhesion kinase beta)(CAK beta) (Calcium-
RQEDGGVYSSGL [714] 1000 P16591 Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (p94-FER) (c (Tyrosine kinase 3)).				[573, 579,			dependent tyrosine kinase) (CADTK) (Relatedadhesion focal tyrosine kinase)
4.4 FES_706_718 REEADGVYAASGG [713] 1000 P07332 Proto-oncogene tyrosine-protein kinase Fes/Fps (EC 2.7.10.2) (C-Fes). 4.5 FGFR3_641_653 DVHNLDYYKKTTN [647, 648] 1000 P22607 antigen). 4.6 FRK_380_392 KVDNEDIYESRHE [387] 1000 P42685 Proto-oncogene tyrosine-protein kinase Fek (EC 2.7.10.2) (FVN-related kinase) (Nuclear protein kinase FRK (EC 2.7.10.2) (FVN-related kinase) (Nuclear protein kinase FRK (EC 2.7.10.2) (FVN-related kinase) (Nuclear protein kinase FRK (EC 2.7.10.1) (IR) (CD220 antigen) (Contains: receptor subunit alpha; insulin receptor subunitable). 4.7 INSR_1348_1360 SLGFKRSYEEHIP [1355] 1000 P06213 receptor subunit alpha; insulin receptor subunitable). 4.8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunitable), insulin receptor subunitable). 4.9 JAK1_1027_1039 AIETDKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4.10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 G66674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4.11 X2C6B_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4.12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4.13 LAT_194_206 MESIDDYNNVPES [200] 1000 O43561 adapter protein) (pp36) (p36-38). 4.14 LAT_249_261 EEGAPDYENLQEL [255] 1000 P06239 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4.15 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4.16 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4.17 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4.18 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Linker for	4,2	FAK2_572_584	RYIEDEDYYKASV	580]	1000	Q14289	(RAFTK).
4.4 FES_706_718 REEADGVYAASGG [713] 1000 P07332 Proto-oncogene tyrosine-protein kinase Fex/Fps (EC 2.7.10.2) (C-Fes). Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3)(CI antigen). 4.5 FGFR3_641_653 DVHNLDYYKKTTN [647, 648] 1000 P22607 antigen). 4.6 FRK_380_392 KVDNEDIYESRHE [387] 1000 P42685 protein kinase FRK (EC 2.7.10.2) (FYN-related kinase)(Nuclear protein kinase FRK (EC 2.7.10.1) (IR) (CD220 antigen)(Contains: receptor subunit alpha; Insulin recep							Proto-oncogene tyrosine-protein kinase FER (EC 2.7.10.2) (p94-FER) (c-FER)
Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3)(CI antigen).	4,3	FER_707_719	RQEDGGVYSSSGL	[714]	1000	P16591	(Tyrosine kinase 3).
Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3)(CI antigen).	4,4	FES 706 718	REEADGVYAASGG	[713]	1000	P07332	Proto-oncogene tyrosine-protein kinase Fes/Fps (EC 2.7.10.2) (C-Fes).
4.5 FGFR3_641_653 DVHNLDYYKKTTN [647,648] 1000 P22607 antigen). 4.6 FRK_380_392 KVDNEDIYESRHE [387] 1000 P42685 protein kinase FRK (EC 2.7.10.2) (FYN-related kinase)(Nuclear protein kinase FRK (EC 2.7.10.1) (IR) (CD220 antigen)[Contains: receptor subunit alpha; Insulin receptor subunitation; Insulin receptor subunit alpha; Insulin receptor subunitation; Insulin							Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3)(CD333
4,6 FRK_380_392 KVDNEDIYESRHE [387] 1000 P42685 Tyrosine-protein kinase FRK (EC 2.7.10.2) (FYN-related kinase)(Nuclear protein kinase RAK). 4,7 INSR_1348_1360 SLGFKRSYEEHIP [1355] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,9 JAK1_1027_1039 AIETOKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 060674 Tyrosine-protein kinase JAK (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C6B_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6Bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 8 (Cytokeratin-6B) (CK 6B) (K6Bkeratin). 4,14 LAT_249_261 MESIDDYVNVPES [200] 1000 043561 adapter protein (Jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (jnp36) (jn36-38). Linker for activation of T-cells family member 1 (jn36 kDa phospho-tyros adapter protein (jnp36) (jn36-38). Linker for activation	4,5	FGFR3 641 653	DVHNLDYYKKTTN	[647, 648]	1000	P22607	
4,6 FRK_380_392 KVDNEDIYESRHE [387] 1000 P42685 protein kinase RAK). Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) [Contains: receptor subunit alpha; Insulin receptor subunitbeta]. Insulin receptor subunit alpha; Insulin receptor subunitbeta].				, ,			Tyrosine-protein kinase FRK (EC 2.7.10.2) (FYN-related kinase)(Nuclear tyrosine
Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) Contains: receptor subunit alpha; Insulin receptor subunitalpha; Insulin receptor subunit	4.6	FRK 380 392	KVDNEDIYESRHE	[387]	1000	P42685	
4,7 INSR_1348_1360 SLGFKRSYEEHIP [1355] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,9 JAK1_1027_1039 ALETDKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 060674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C6B_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 68 (Cytokeratin-68) (CK 6B) (K6bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 81 (Cytokeratin-8) (CK-8) (Keratin-8)(K8). 4,13 LAT_194_206 MESIDDYVNVPES [200] 1000 043561 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4,14 LAT_249_261 EEGAPDYENLQEL [255] 1000 043561 adapter protein) (pp36) (p36-38). 5,1 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein-tyrosine ki							
4,7 INSR_1348_1360 SLGFKRSYEEHIP [1355] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,9 JAK1_1027_1039 ALETDKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 060674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C6B_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 8 (Cytokeratin-6B) (CK 6B) (Keratin-8)(K8). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). LAT_194_206 MESIDDYVNVPES [200] 1000 043561 adapter protein) (pp36) (p36-38). LAT_249_261 EEGAPDYENLQEL [255] 1000 043561 adapter protein) (pp36) (p36-38). Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein-tyrosine ki							Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen)[Contains: Insulin
Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen) Contains: receptor subunit alpha; Insulin receptor subunitbeta].	4.7	INSR 1348 1360	SLGFKRSYEEHIP	[1355]	1000	P06213	
4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,9 JAK1_1027_1039 AIETDKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 D60674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C68_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 8 (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,13 LAT_194_206 MESIDDYVNVPES [200] 1000 O43561 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4,14 LAT_249_261 EEGAPDYENLQEL [255] 1000 O43561 Adapter protein) (pp36) (p36-38). 5,1 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine	-7-			[
4,8 INSR_992_1004 YASSNPEYLSASD [992, 999] 1000 P06213 receptor subunit alpha; Insulin receptor subunitbeta]. 4,9 JAK1_1027_1039 AIETDKEYYTVKD [1034,1035] 1000 P23458 Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1). 4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 D60674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C68_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 8 (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,13 LAT_194_206 MESIDDYVNVPES [200] 1000 O43561 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). 4,14 LAT_249_261 EEGAPDYENLQEL [255] 1000 O43561 Adapter protein) (pp36) (p36-38). 5,1 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine							Insulin receptor precursor (EC 2.7.10.1) (IR) (CD220 antigen)[Contains: Insulin
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4,10 JAK2_563_577 VRREVGDYGQLHETE [570] 1000 060674 Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2). 4,11 K2C6B_53_65 GAGFGSRSLYGLG [62] 1000 P04259 Keratin, type II cytoskeletal 6B (Cytokeratin-6B) (CK 6B) (K6bkeratin). 4,12 K2C8_425_437 SAYGGLTSPGLSY [427, 437] 1000 P05787 Keratin, type II cytoskeletal 8 (Cytokeratin-8) (CK-8) (Keratin-8)(K8). 4,13 LAT_194_206 MESIDDYVNVPES [200] 1000 O43561 Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein-tyrosine kinase)							
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4,13 LAT_194_206 MESIDDYVNVPES [200] 1000 O43561 adapter protein) (pp36) (p36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine kinase) (LSK) (T				, ,			Linker for activation of T-cells family member 1 (36 kDa phospho-tyrosine
Linker for activation of T-cells family member 1 (36 kDa phospho-tyros adapter protein) (pp36) (p36-38). Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein-tyrosine kinase) (LSK) (4,13	LAT 194 206	MESIDDYVNVPES	[200]	1000	O43561	
4,14 LAT_249_261 EEGAPDYENLQEL [255] 1000 O43561 adapter protein) (pp36) (p36-38). Proto-oncogene tyrosine-protein kinase LCK (EC 2.7.10.2) (p56-LCK)(Ly cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein (MBP) (Myelin A1 protein) (Myelin Specific protein-tyrosine kinase) (LSK) (T cell-specific protein (MBP) (Myelin A1 protein) (Myelin Specific protein (MBP) (Myelin A1 protein) (M							
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5,1 LCK_387_399 RLIEDNEYTAREG [394] 1000 P06239 cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein) (Myelin and protein) (Myelin basic protein (MBP) (Myelin A1 protein) (Myelin membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin membraneencephalitogenic protein). Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFrecept (Scatter factor receptor) (SF receptor) (Met proto-on)							, , , , , , , , , , , , , , , , , , , ,
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Myelin basic protein (MBP) (Myelin A1 protein) (Myelin 5,2 MBP_198_210 ARTAHYGSLPQKS [203] 1000 P02686 membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin A5,3 MBP_259_271 FGYGGRASDYKSA [261, 268] 1000 P02686 membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin Myelin B1) (Myelin B1)	5.1	LCK 387 399	RLIEDNEYTAREG	[394]	1000	P06239	cell-specific protein-tyrosine kinase) (LSK) (T cell-specific protein-tyrosine kinase).
5,2 MBP_198_210 ARTAHYGSLPQKS [203] 1000 P02686 membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin Sylvania Potein) (Myelin Sylvani							
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5,3 MBP_259_271 FGYGGRASDYKSA [261, 268] 1000 P02686 membraneencephalitogenic protein). Myelin basic protein (MBP) (Myelin A1 protein) (Myelin Myelin Myeli							
Myelin basic protein (MBP) (Myelin A1 protein) (Myelin S,4 MBP_263_275 GRASDYKSAHKGF [268] 1000 P02686 membraneencephalitogenic protein). Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFrecept (Scatter factor receptor) (SF receptor) (HGF/SF receptor) (Met proto-on	5.3	MBP 259 271	FGYGGRASDYKSA	[261, 268]	1000	P02686	
5,4 MBP_263_275 GRASDYKSAHKGF [268] 1000 P02686 membraneencephalitogenic protein). Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFrecept (Scatter factor receptor) (SF receptor) (HGF/SF receptor) (Met proto-on)	- /-			, 200,		,	
Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFrecept (Scatter factor receptor) (FF receptor) (HGF/SF receptor) (Met proto-on	5.4	MBP 263 275	GRASDYKSAHKGF	[268]	1000	P02686	
[1230, 1234, (Scatter factor receptor) (SF receptor) (HGF/SF receptor)(Met proto-on	-,.		5.2.25 moralitor	[]		. 52000	
				[1230, 1234			
	5.5	MFT 1227 1239	RDMADKEAAZAHN		1000	P08581	P · · · · · · · · · · · · · · · · · · ·
(5) MET_TET_TET_	5,5	MET_1227_1239	RDMYDKEYYSVHN	1235]	1000	P08581	tyrosine kinase) (c-Met).

5,6	MK01_180_192	HTGFLTEYVATRW	[187]	1000	P28482	Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2) (p42-MAPK) (ERT1).
			, ,	1		Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated
						kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2)
5,7	MK01_198_210	IMLNSKGYTKSID	[205]	1000	P28482	(p42-MAPK) (ERT1).
						Miles and interest in the contribution of 750 2744 24V/5 to coll the circular and the
r 0	M4/07 242 224	A FLIOVENATEVA A T	[24.6.224]	1000	013164	Mitogen-activated protein kinase 7 (EC 2.7.11.24) (Extracellularsignal-regulated
5,8	MK07_212_224	AEHQYFMTEYVAT	[216,221]	1000	Q13164	kinase 5) (ERK-5) (ERK4) (BMK1 kinase).
						Mitogen-activated protein kinase 10 (EC 2.7.11.24) (Stress-activated protein
5,9	MK10_216_228	TSFMMTPYVVTRY	[223, 228]	1000	P53779	kinase JNK3) (c-Jun N-terminal kinase 3) (MAP kinase p49 3F12).
5,10	NCF1_313_325	QRSRKRLSQDAYR	[324]	1000	P14598	Neutrophil cytosol factor 1 (NCF-1) (Neutrophil NADPH oxidase factor1) (47 kDa neutrophil oxidase factor) (p47-phox) (NCF-47K) (47 kDaautosomal chronic granulomatous disease protein) (Nox organizer 2)(Nox-organizing protein 2) (SH3 and PX domain-containing protein 1A).
						Sodium-dependent phosphate transport protein 2A
						(Sodium/phosphatecotransporter 2A) (Na(+)/Pi cotransporter 2A) (Sodium-
			l			phosphatetransport protein 2A) (Na(+)-dependent phosphate cotransporter
5,11	NPT2A_501_513	AKALGKRTAKYRW	[511]	1000	Q06495	2A)(NaPi-2a) (Solute carrier family 34 member 1) (NaPi-3).
						High affinity nerve growth factor receptor precursor (EC 2.7.10.1)(Neurotrophic
F 12	NITDI/1 400 F01	LUIENDOVECDAC	[406]	1,000	P04629	tyrosine kinase receptor type 1) (TRK1-transformingtyrosine kinase protein)
5,12	NTRK1_489_501	HIIENPQYFSDAC	[496]	1000	P04629	(p140-TrkA) (Trk-A).
						BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1)(Neurotrophic
5,13	NTRK2_509_521	PVIENPQYFGITN	[516]	1000	Q16620	tyrosine kinase receptor type 2) (TrkB tyrosine kinase)(GP145-TrkB) (Trk-B).
			[702 706			DDNI /NT 2 grouth factors recentor procures /FC 2.7.10.1\/Neurotraphic
5,14	NTRK2 696 708	GMSRDVYSTDYYR	[702, 706, 707]	1000	Q16620	BDNF/NT-3 growth factors receptor precursor (EC 2.7.10.1)(Neurotrophic tyrosine kinase receptor type 2) (TrkB tyrosine kinase)(GP145-TrkB) (Trk-B).
3,14	NTINZ_030_708	GIVISIOVISIOTII	707]	1000	Q10020	Pyruvate dehydrogenase E1 component subunit alpha, testis-specificform,
6,1	ODPAT_291_303	SMSDPGVSYRTRE	[299]	1000	P29803	mitochondrial precursor (EC 1.2.4.1) (PDHE1-A type II).
6,2	PAXI_111_123	VGEEEHVYSFPNK	[118]		P49023	Paxillin.
6,3	PAXI_24_36	FLSEETPYSYPTG	[31, 33]	1000	P49023	Paxillin.
6,4	PDPK1_2_14	ARTTSQLYDAVPI	[9]	1000	O15530	3-phosphoinositide-dependent protein kinase 1 (EC 2.7.11.1) (hPDK1).
-,-			1-1	1		Platelet endothelial cell adhesion molecule precursor (PECAM-1)(EndoCAM)
6,5	PECA1_706_718	KKDTETVYSEVRK	[713]	1000	P16284	(GPIIA') (CD31 antigen).
6,6	PERI_458_470	QRSELDKSSAHSY	[470]	1000	P41219	Peripherin.
						Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
6,7	PGFRB_1002_1014	LDTSSVLYTAVQP	[1009]	1000	P09619	R-beta) (CD140b antigen).
						Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
6,8	PGFRB_709_721	RPPSAELYSNALP	[716]	1000	P09619	R-beta) (CD140b antigen).
			[771, 775,			Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
6,9	PGFRB_768_780	SSNYMAPYDNYVP	778]	1000	P09619	R-beta) (CD140b antigen).

			[771, 775,			Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
6,10	PGFRB_771_783	YMAPYDNYVPSAP	778]	1000	P09619	R-beta) (CD140b antigen).
						1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1(EC
						3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-1)(Phospholipase C-
6,11	PLCG1_1246_1258	EGSFESRYQQPFE	[1253]	1000	P19174	gamma-1) (PLC-II) (PLC-148).
						1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1(EC
						3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-1)(Phospholipase C-
6,12	PLCG1_764_776	IGTAEPDYGALYE	[771, 775]	1000	P19174	gamma-1) (PLC-II) (PLC-148).
6,13	PRGR_545_557	LRPDSEASQSPQY	[557]	1000	P06401	Progesterone receptor (PR) (Nuclear receptor subfamily 3 group Cmember 3).
6,14	PRGR_786_798	EQRMKESSFYSLC	[795]	1000	P06401	Progesterone receptor (PR) (Nuclear receptor subfamily 3 group Cmember 3).
						Serine/threonine-protein phosphatase 2A catalytic subunit beta isoform(EC
7,1	PP2AB_297_309	EPHVTRRTPDYFL	[307]	1000	P62714	3.1.3.16) (PP2A-beta).
						Paired mesoderm homeobox protein 2 (PRX-2) (Paired-related homeoboxprotein
7,2	PRRX2_202_214	WTASSPYSTVPPY	[208, 214]	1000	Q99811	2).
						Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48)(Protein-
7 2	PTN11 539 551	SKRKGHEYTNIKY	[546, 551]	1000	Q06124	tyrosine phosphatase 2C) (PTP-2C) (PTP-1D) (SH-PTP3) (SH-PTP2) (SHP-2) (Shp2).
7,3 7,4	RB 804 816	IYISPLKSPYKIS	[805, 813]		P06400	Retinoblastoma-associated protein (PP110) (P105-RB) (RB).
7,4	KD_004_010	ITISFERSFIRIS	[803, 813]	1000	F00400	Retinoblastoma-like protein 2 (130 kDa retinoblastoma-associatedprotein)
7,5	DDI 2 00 111	VPTVSKGTVEGNY	[111]	1000	Q08999	(p130) (PRB2) (RBR-2).
7,5	RBL2_99_111	VPTV3KGTVEGINT	[111]	1000	Q08999	W / V / V
7,6	RET_1022_1034	TPSDSLIYDDGLS	[1029]	1000	P07949	Proto-oncogene tyrosine-protein kinase receptor ret precursor(EC 2.7.10.1) (Cret).
						Macrophage-stimulating protein receptor precursor (EC 2.7.10.1) (MSPreceptor)
						(p185-Ron) (CD136 antigen) (CDw136) [Contains: Macrophage-stimulating
						protein receptor alpha chain; Macrophage-stimulatingprotein receptor beta
7,7	RET 680 692	AQAFPVSYSSSGA	[687]	1000	P07949	chain].
7,8	RON 1346 1358	SALLGDHYVQLPA	[1353]		Q04912	Signal transducer and activator of transcription 5A.
,-			1			Signal transducer and activator of transcription 1-alpha/beta(Transcription factor
7,9	STAT1_694_706	DGPKGTGYIKTEL	[701]	1000	P42224	ISGF-3 components p91/p84).
7.40	CTAT2 COO 740	DDCC A A DVI VTVE	[705]	4000	D40763	
7,10	STAT3_698_710	DPGSAAPYLKTKF	[705]	1000	P40763	Signal transducer and activator of transcription 3 (Acute-phaseresponse factor).
	CTATA COC COO	TED OD (O) (100) (5	16001	1,000	04.4765	Proto-oncogene tyrosine-protein kinase receptor ret precursor(EC 2.7.10.1) (C-
7,11	STAT4_686_698	TERGDKGYVPSVF	[693]		Q14765	ret).
7,12	STAT4_714_726	PSDLLPMSPSVYA	[725]		Q14765	Signal transducer and activator of transcription 4.
7,13	STA5A_687_699	LAKAVDGYVKPQI	[694]		P42229	Signal transducer and activator of transcription 4.
7,14	STAT6_634_646	MGKDGRGYVPATI	[641]	1000	P42226	Signal transducer and activator of transcription 6 (IL-4 Stat).
8,1	RAF1_332_344	PRGQRDSSYYWEI	[340, 341]	1000	P04049	RAF proto-oncogene serine/threonine-protein kinase (EC 2.7.11.1) (Raf-1) (C-RAF) (cRaf).
J,1	1001 1_332_344	T NGQND3311WLI	[370, 341]	1000	. 54043	Ras GTPase-activating protein 1 (GTPase-activating protein) (GAP) (Rasp21
8,2	RASA1_453_465	TVDGKEIYNTIRR	[460]	1000	P20936	protein activator) (p120GAP) (RasGAP).
8,3	TNNT1_2_14	SDTEEQEYEEEQP	[9]	1000	P13805	Troponin T, slow skeletal muscle (TnTs) (Slow skeletal muscle troponinT) (sTnT).

		1		I		Tyrosine-protein kinase receptor TYRO3 precursor (EC 2.7.10.1)(Tyrosine-protein
			[681, 685,			kinase RSE) (Tyrosine-protein kinase SKY) (Tyrosine-protein kinase DTK) (Protein-
8,4	TYRO3_679_691	KIYSGDYYRQGCA	686]	1000	Q06418	tyrosine kinase byk).
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
8,5	VGFR1_1040_1052	DFGLARDIYKNPD	[1048]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
-,-			[== :=]			= / (· / · · · · · · · · · · · · · · · ·
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
8,6	VGFR1_1046_1058_Y1048F	DIFKNPDYVRKGD	[1053]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
			1			
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
8,7	VGFR1_1049_1061	KNPDYVRKGDTRL	[1053]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
8,8	VGFR1_1162_1174	VQQDGKDYIPINA	[1169]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
8,9	VGFR1_1206_1218	GSSDDVRYVNAFK	[1213]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
						Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1)(VEGFR-2)
						(Kinase insert domain receptor) (Protein-tyrosine kinasereceptor Flk-1) (CD309
8,10	VGFR2_1046_1058	DFGLARDIYKDPD	[1054]	1000	P35968	antigen).
						Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1)(VEGFR-2)
l						(Kinase insert domain receptor) (Protein-tyrosine kinasereceptor Flk-1) (CD309
8,11	VGFR2_1207_1219_C1208S	VSDPKFHYDNTAG	[1214]	1000	P35968	antigen).
						Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1)(VEGFR-2)
l						(Kinase insert domain receptor) (Protein-tyrosine kinasereceptor Flk-1) (CD309
8,12	VGFR2_944_956	RFRQGKDYVGAIP	[951]	1000	P35968	antigen).
						Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1)(VEGFR-2)
0.43	VCED2 000 1001	FEADEDLYKDELT	[00.6]	1000	D350C0	(Kinase insert domain receptor) (Protein-tyrosine kinasereceptor Flk-1) (CD309
8,13	VGFR2_989_1001	EEAPEDLYKDFLT	[996]	1000	P35968	antigen). Vascular endothelial growth factor receptor 3 precursor (EC 2.7.10.1)(VEGFR-3)
0 1 /	VGED2 1061 1072	DIYKDPDYVRKGS	[1063, 1068]	1,000	P35916	
8,14 9,1	VGFR3_1061_1073 VINC 815 827	KSFLDSGYRILGA	[822]		P18206	(Tyrosine-protein kinase receptor FLT4). Vinculin (Metavinculin).
9,1	VIIVC_613_627	KSFLDSGTKILGA	[022]	1000	P18200	Tyrosine-protein kinase ZAP-70 (EC 2.7.10.2) (70 kDa zeta-associatedprotein)
9,2	ZAP70 485 497	ALGADDSYYTARS	[492, 493]	1000	P43403	(Syk-related tyrosine kinase).
- , <u>-</u>			[.52, 155]	1000	5 103	(6) A related efforms minorefi
						Zinc finger and BTB domain-containing protein 16 (Zinc finger proteinPLZF)
9,3	ZBT16_621_633	LRTHNGASPYQCT	[630]	1000	Q05516	(Promyelocytic leukemia zinc finger protein) (Zinc fingerprotein 145).
			1			
1						Basic fibroblast growth factor receptor 1 precursor (EC 2.7.10.1)(FGFR-1) (bFGF-
9,4	FGFR1_761_773	TSNQEYLDLSMPL	[766]	1000	P11362	R) (Fms-like tyrosine kinase 2) (c-fgr) (CD331antigen).

						Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
9,5	PGFRB_1014_1028	PNEGDNDYIIPLPDP	[1021]	1000	P09619	R-beta) (CD140b antigen).
						Receptor tyrosine-protein kinase erbB-2 precursor (EC 2.7.10.1)(p185erbB2) (C-
						erbB-2) (NEU proto-oncogene) (Tyrosine kinase-type cellsurface receptor HER2)
9,6	ERBB2_1241_1253	PTAENPEYLGLDV	[1248]		P04626	(MLN 19) (CD340 antigen).
9,7	KSYK_518_530	ALRADENYYKAQT	[525, 526]	1000	P43405	Tyrosine-protein kinase SYK (EC 2.7.10.2) (Spleen tyrosine kinase).
						Mitogen-activated protein kinase 12 (EC 2.7.11.24) (Extracellularsignal-regulated
						kinase 6) (ERK-6) (ERK5) (Stress-activated proteinkinase 3) (Mitogen-activated
9,8	MK12_178_190	ADSEMTGYVVTRW	[185]	1000	P53778	protein kinase p38 gamma) (MAP kinase p38gamma).
-,-			[]			processing processing (with a minute programme).
						Mitogen-activated protein kinase 14 (EC 2.7.11.24) (Mitogen-activated protein
						kinase p38 alpha) (MAP kinase p38 alpha) (Cytokine suppressiveanti-
						inflammatory drug-binding protein) (CSAID-binding protein) (CSBP)(MAX-
9,9	MK14_173_185	RHTDDEMTGYVAT	[182]	1000	Q16539	interacting protein 2) (MAP kinase MXI2) (SAPK2A).
						Beta-type platelet-derived growth factor receptor precursor(EC 2.7.10.1) (PDGF-
9,10	PGFRB_572_584	VSSDGHEYIYVDP	[579, 581]	1000	P09619	R-beta) (CD140b antigen).
9,11	TEC_512_524	RYFLDDQYTSSSG	[513, 519]	1000	P42680	Tyrosine-protein kinase Tec (EC 2.7.10.2).
						Very least delicated and the first and the f
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
						(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt
9,12	VGFR1_1235_1247	ATSMFDDYQGDSS	[1242]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
						Vascular endothelial growth factor receptor 2 precursor (EC 2.7.10.1)(VEGFR-2)
						(Kinase insert domain receptor) (Protein-tyrosine kinasereceptor Flk-1) (CD309
9,13	VGFR2_1168_1180	AQQDGKDYIVLPI	[1175]	1000	P35968	antigen).
						Annexin A1 (Annexin-1) (Annexin I) (Lipocortin I) (Calpactin II)(Chromobindin-9)
9,14	ANXA1_14_26	IENEEQEYVQTVK	[21]	1000	P04083	(p35) (Phospholipase A2 inhibitory protein).
						Epidermal growth factor receptor precursor (EC 2.7.10.1) (Receptortyrosine-
10,1	EGFR_1165_1177	ISLDNPDYQQDFF	[1172]		P00533	protein kinase ErbB-1).
10,2	EPOR_419_431	ASAASFEYTILDP	[426]	1000	P19235	Erythropoietin receptor precursor (EPO-R).
						Receptor tyrosine-protein kinase erbB-4 precursor (EC 2.7.10.1)(p180erbB4)
10,3	ERBB4_1277_1289	IVAENPEYLSEFS	[1284]	1000	Q15303	(Tyrosine kinase-type cell surface receptor HER4).
						Fibroblast growth factor receptor 2 precursor (EC 2.7.10.1) (FGFR-
10,4	FGFR2_762_774	TLTTNEEYLDLSQ	[769]	1000	P21802	2)(Keratinocyte growth factor receptor 2) (CD332 antigen).
						Fibroblast growth factor receptor 3 precursor (EC 2.7.10.1) (FGFR-3)(CD333
10,5	FGFR3_753_765	TVTSTDEYLDLSA	[760]	1000	P22607	antigen).
						Phosphatidylinositol 3-kinase regulatory subunit alpha (PI3-kinase p85subunit
10,6	P85A_600_612	NENTEDQYSLVED	[607]	1000	P27986	alpha) (Ptdlns-3-kinase p85-alpha) (PI3K).
	DDDV4 050 551	DED 01/01/17 11/17	[272 273]	422-	045500	
10,7	PDPK1_369_381	DEDCYGNYDNLLS	[373, 376]		015530	3-phosphoinositide-dependent protein kinase 1 (EC 2.7.11.1) (hPDK1).
10,8	AKT1_170_182	KATGRYYAMKILK	[175, 176]		P31749	RAC-alpha serine/threonine-protein kinaseá(EC:2.7.11.1)(PKB, RAC)
10,9	AKT1_309_321_C310S	FSGTPEYLAPEVL	[315]		P31749	RAC-alpha serine/threonine-protein kinaseá(EC:2.7.11.1)(PKB, RAC)
10,10	AKT1_320_332	VLEDNDYGRAVDW	[326]	1000	P31749	RAC-alpha serine/threonine-protein kinaseá(EC:2.7.11.1)(PKB, RAC)
10,11	ARAF_297_307	RDSGYYWEVPP	[301, 302]	1000	P10398	Serine/threonine-protein kinase A-Rafá(EC:2.7.11.1),(ARAF1, PKS, PKS2)

10,12	BTLA_252_262	KPGIVYASLNH	[257]	1000	Q7Z6A9	B- and T-lymphocyte attenuator,B- and T-lymphocyte-associated protein,CD272
10,13	CD28_185_197	RLLHSDYMNMTPR	[191]	1000	áP10747	T-cell-specific surface glycoprotein CD28, TP44, CD28
10,14	CD28_203_215	RKHYQPYAPPRDF	[206, 209]	1000	áP10747	T-cell-specific surface glycoprotein CD28, TP44, CD28
						T-cell surface glycoprotein CD3 epsilon chain, T-cell surface antigen T3/Leu-4
11,1	CD3E_182_194	PVPNPDYEPIRKG	[188]	1000	P07766	epsilon chain, CD3e
						T-cell surface glycoprotein CD3 epsilon chain, T-cell surface antigen T3/Leu-4
11,2	CD3E_193_205	KGQRDLYSGLNQR	[199]	1000	P07766	epsilon chain, CD3e
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
11,3	CD3Z_135_147	KGHDGLYQGLSTA	[142]	1000	P20963	chain) (CD247 antigen).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
11,4	CD3Z_147_159	TATKDTYDALHMQ	[153]	1000	P20963	chain) (CD247 antigen).
11,5	CD70_9_21_C17S	SVRRRPYGSVLRA	[15]	1000	P32970	CD70 antigen, CD27 ligand , Tumor necrosis factor ligand superfamily member 7
						C. dis described bisses 4/(EC.2.7.44.22 (EC.2.7.44.22) Cell di ister contri
44.6			[45, 40]	4000	200400	Cyclin-dependent kinase 1á(EC:2.7.11.22,áEC:2.7.11.23), Cell division protein
11,6	CDK1_9_21	KIGEGTYGVVYKG	[15, 19]	1000	P06493	kinase 1, Cell division control protein 2 homolog, (p34 protein kinase)(CDK1)
11,7	CDK4_11_23	EIGVGAYGTVYKA	[17, 21]	1000	P11802	Cyclin-dependent kinase 4á(EC:2.7.11.22) ,Cell division protein kinase 4 (PSK-J3)
,			, ,			
						Receptor tyrosine-protein kinase erbB-3 (EC:2.7.10.1), Proto-oncogene-like
11,8	ERBB3_1283_1295	PASEQGYEEMRAF	[1289]	1000	áP21860	protein c-ErbB-3 , Tyrosine kinase-type cell surface receptor HER3
						Tyrosine-protein kinase Fyná(EC:2.7.10.2), Proto-oncogene Syn, Proto-oncogene
11,9	FYN_525_537	TATEPQYQPGENL	[531]	1000	P06241	c-Fyn, Src-like kinase
						GRB2-associated-binding protein 2, GRB2-associated binder 2, Growth factor
11,10	GAB2_638_648	DEKVDYVQVDK	[643]	1000	Q9UQC2	receptor bound protein 2-associated protein 2
			[216, 221,			Glycogen synthase kinase-3 beta (EC:2.7.11.26), Serine/threonine-protein kinase
11,11	GSK3B_210_222_C218S	GEPNVSYISSRYY	222]	1000	P49841á	GSK3B (EC:2.7.11.1)
11,12	IRS2_626_638	HPYPEDYGDIEIG	[628, 632]		Q9Y4H2á	Insulin receptor substrate 2
11,13	JAK1_214_226	DISYKRYIPETLN	[217, 220]		P23458	Tyrosine-protein kinase JAK1 (EC 2.7.10.2) (Janus kinase 1) (JAK-1).
11,14	JAK2_1001_1013	LPQDKEYYKVKEP	[1007,		O60674	Tyrosine-protein kinase JAK2 (EC 2.7.10.2) (Janus kinase 2) (JAK-2).
12,1	JAK3_974_986	LPLDKDYYVVREP	[980, 981]		P52333áá	Tyrosine-protein kinase JAK3 (EC:2.7.10.2) (Janus kinase 3) (JAK-3).
12,2	KIT_930_942_C942S	ESTNHIYSNLANS	[936]		áP10721á	Mast/stem cell growth factor receptor Kit (EC:2.7.10.1), CD117
12,3	LYN_391_403	VIEDNEYTAREGA	[397]		P07948á	Tyrosine-protein kinase Lyn (EC:2.7.10.2)
12,4	LYN_501_512	YTATEGQYQQQP	[501, 508]	1000	P07948á	Tyrosine-protein kinase Lyn (EC:2.7.10.2)
12,5	MAPK3_198_210_C203S	ALQTPSYTPYYVA	[204, 207, 208]	1000	Q16644	MAP kinase-activated protein kinase 3 (EC:2.7.11.1)
						Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFreceptor)
			[1230, 1234,			(Scatter factor receptor) (SF receptor) (HGF/SF receptor)(Met proto-oncogene
12,6	MET_1228_1240	DMYDKEYYSVHNK	1235]	1000	P08581	tyrosine kinase) (c-Met).
						Hepatocyte growth factor receptor precursor (EC 2.7.10.1) (HGFreceptor)
						(Scatter factor receptor) (SF receptor) (HGF/SF receptor)(Met proto-oncogene
12,7	MET_1360_1370_C1361S	KSVAPYPSLLS	[1365]	1000	P08581	tyrosine kinase) (c-Met).
						Mitogen-activated protein kinase 1 (EC 2.7.11.24) (Extracellular signal-regulated
						kinase 2) (ERK-2) (Mitogen-activated protein kinase 2) (MAP kinase 2) (MAPK 2)
12,8	MK01_200_209	LNSKGYTKSI	[205]	1000	P28482	(p42-MAPK) (ERT1).

12.0			[204]	4000	207064	Mitogen-activated protein kinase 3 (EC:2.7.11.24), (Extracellular signal-regulated kinase 1) (ERK-1)(Mitogen-activated protein kinase 3) (MAP kinase 3)(MAPK 3)
12,9	MK03_199_208	GFLTEYVATR	[204]	1000	P27361	(p44-MAPK) (ERT2)
12,10	MK08_181_191	MMTPYVVTRYY	[185, 190, 191]	1000	P45983	Mitogen-activated protein kinase 8 (EC 2.7.11.24) (MAP kinase 8)(MAPK 8)
12,11	MK12 180 189 M182B	SEBTGYVVTR	[185]	1000	P53778	Mitogen-activated protein kinase 12 (EC 2.7.11.24) (Extracellularsignal-regulated kinase 6) (ERK-6) (ERK5) (Stress-activated protein kinase 3) (Mitogen-activated protein kinase p38 gamma) (MAP kinase p38 gamma).
		0251011111	[200]	1000	. 50776	protein milese pee gamma, (mm milese peegamma).
						Mitogen-activated protein kinase 14 (EC 2.7.11.24) (Mitogen-activated protein kinase p38 alpha) (MAP kinase p38 alpha) (Cytokine suppressive anti-inflammatory drug-binding protein) (CSAID-binding protein) (CSBP)(MAX-
12,12	MK14_177_187	DEMTGYVATRW	[182]	1000	Q16539	interacting protein 2) (MAP kinase MXI2) (SAPK2A).
	PDCD1_221_229_FS219_22					
12,13	ОКК	KKVDYGELDFQ	[223]	1000	Q15116	Programmed cell death protein 1, (Protein PD-1) (CD279)
						Platelet endothelial cell adhesion molecule precursor (PECAM-1)(EndoCAM)
12,14	PECA1_708_718	DTETVYSEVRK	[713]	1000	P16284	(GPIIA') (CD31 antigen).
						1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1(EC
l	l				l	3.1.4.11) (Phosphoinositide phospholipase C) (PLC-gamma-1)(Phospholipase C-
13,1	PLCG1_777_789	GRNPGFYVEANPM	[783]	1000	P19174	gamma-1) (PLC-II) (PLC-148).
						1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
12.2	DI CC2 1211 1222	NNO FLYDTHON	[4247]	1000	D1600F	(EC:3.1.4.11) (Phosphoinositide phospholipase C-gamma-2) (PLC-IV)
13,2	PLCG2_1211_1223	NNQLFLYDTHQNL	[1217]	1000	P16885	(Phospholipase C-gamma-2)(PLC-gamma-2)
						Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48)(Protein-
13,3	PTN11_541_551	RKGHEYTNIKY	[546, 551]	1000	Q06124	tyrosine phosphatase 2C) (PTP-2C) (PTP-1D) (SH-PTP3) (SH-PTP2) (SHP-2) (Shp2).
						Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48)(Protein-
13,4	PTN11_57_67	QNTGDYYDLYG	[62, 63, 66]		Q06124	tyrosine phosphatase 2C) (PTP-2C) (PTP-1D) (SH-PTP3) (SH-PTP2) (SHP-2) (Shp2).
13,5	PTN6_531_541	GQESEYGNITY	[536, 541]		P29350	Tyrosine-protein phosphatase non-receptor type 6 (EC:3.1.3.48)
13,6	PTN6_558_570	KHKEDVYENLHTK	[564]		P29350	Tyrosine-protein phosphatase non-receptor type 6 (EC:3.1.3.48)
13,7	SHC1_309_321	ELRFKQYLRNPPK	[315]	1000	P29353	SHC-transforming protein 1
13,8	SRC 524 536	TSTEPQYQPGENL	[530]	1000	P12931	Proto-oncogene tyrosine-protein kinase Src (EC:2.7.10.2) (Proto-oncogene c-
13,8	STAT2 684 696	LQERRKYLKHRLI	[690]		P52630á	Src)(pp60c-src)(p60-Src) Signal transducer and activator of transcription 2 (p113)
13,10	TIE2 986 998	SRGQEVYVKKTMG	[992]		áQ02763	Angiopoietin-1 receptor (EC:2.7.10.1)
13,11	TYK2 1048 1060	VPEGHEYYRVRED	[1054,		áP29597	Non-receptor tyrosine-protein kinase TYK2 (EC:2.7.10.2)
13,11	11K2_1040_1000	VIEGILITIKVILD	[1034,	1000	ai 23337	Non-receptor tyrosine-protein kinase FFR2 (EC.2.7.10.2)
						Vascular endothelial growth factor receptor 1 precursor (EC 2.7.10.1)(VEGFR-1)
	VGFR1_1320_1332_C1320K/					(Vascular permeability factor receptor) (Tyrosine-proteinkinase receptor FLT) (Flt-
13,12	C1321K	KKSPPPDYNSVVL	[1327]	1000	P17948	1) (Tyrosine-protein kinase FRT) (Fms-liketyrosine kinase 1).
13,13	VISTA_260_270	RHPLSYVAQRQ	[265]	1000	Q9H7M9	V-type immunoglobulin domain-containing suppressor of T-cell activation
13,14	YES_420_432	LIEDNEYTARQGA	[426]	1000	P07947	Tyrosine-protein kinase Yes (EC:2.7.10.2)(Proto-oncogene c-Yes)(p61-Yes)

		I	T	1	I	
						B-cell antigen receptor complex-associated protein alpha-chainprecursor (Igalpha) (MB-1 membrane glycoprotein) (Surface IgM-associated protein)
14,1	CD79A_181_193	EYEDENLYEGLNL	[182, 188]	1000	P11912	(Membrane-bound immunoglobulin-associated protein)(CD79a antigen).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
14,2	CD3Z_77_89	LGRREEYDVLDKR	[83]	1000	P20963	chain) (CD247 antigen).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
14,3	CD3Z_105_117	NPQEGLYNELQKD	[111]	1000	P20963	chain) (CD247 antigen).
						T-cell surface glycoprotein CD3 zeta chain precursor (T-cell receptorT3 zeta
14,4	CD3Z_117_129	DKMAEAYSEIGMK	[123]	1000	P20963	chain) (CD247 antigen).
14,5	MUSK_548_560	LHPNPMYQRMPLL	[554]	1000	O15146	Muscle, skeletal receptor tyrosine-protein kinase (EC:2.7.10.1)
						2-oxoisovalerate dehydrogenase subunit alpha, mitochondrial (EC:1.2.4.4)
14,6	ODBA_340_352_D340K	KDSSAYRSVDEVN	[345]	1000	P12694	(BCKDE1A)
						GRB2-associated-binding protein 1, GRB2-associated binder 1, Growth factor
14,7	GAB1_622_632	DKQVEYLDLDL	[627]	1000	Q13480	receptor bound protein 2-associated protein 1
						Hepatitis A virus cellular receptor 2, T-cell immunoglobulin and mucin domain-
14,8	HAVR2_257_267	GIRSEENIYTI	[265]	1000	Q8TDQ0	containing protein 3,T-cell membrane protein 3
14,9	IRS1_890_902	PKSPGEYVNIEFG	[896]	1000	P35568	Insulin receptor substrate 1
						Tyrosine-protein kinase ZAP-70 (EC 2.7.10.2) (70 kDa zeta-associatedprotein)
14,10	ZAP70_313_325	SVYESPYSDPEEL	[315, 319]	1000	P43403	(Syk-related tyrosine kinase).
14,11	MPZL1_236_246	QGPVIYAQLDH	[241]	1000	O95297	Myelin protein zero-like protein 1
						1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
						(EC:3.1.4.11) (Phosphoinositide phospholipase C-gamma-2) (PLC-IV)
14,12	PLCG2_1191_1203_C1200S	ESEEELYSSSRQL	[1197]	1000	P16885	(Phospholipase C-gamma-2)(PLC-gamma-2)
						Transition material phone hat a second and the second and second as a second a
1111	DTN44 500 500	CA DVA/ENIVICIAA	[504]	1,000	005434	Tyrosine-protein phosphatase non-receptor type 11 (EC 3.1.3.48)(Protein-
14,13	PTN11_580_590	SARVYENVGLM	[584]	1000	Q06124	tyrosine phosphatase 2C) (PTP-2C) (PTP-1D) (SH-PTP3) (SH-PTP2) (SHP-2) (Shp2).
 .			ļ.,.,	1.000		Gamma-enolase (EC 4.2.1.11) (2-phospho-D-glycerate hydro-lyase)(Neural
14,14	ENOG_37_49	SGASTGIYEALEL	[44]	1000	P09104	enolase) (Neuron-specific enolase) (NSE) (Enolase 2).