

Table S2. Peptide Sequences and protein coverage obtained in the LC-MS/MS analysis of hepatocytes-derived exosomes.

Entry Name	Peptide Sequences Matched	Coverage Sequence	Protein Size(aas.)
ALBU_RAT	SEIAHR LVQEVTDFAK FPNAEFAEITK APQVSTPTLVEAAR	7%	608
APOA1_RAT	MRVNADALR WNEEVEAYR	6%	259
APOA5_RAT	VSTDGADNR DSLDPQALSDEV QLQQELEEVS	9%	367
APOE_RAT	AQALSDR AGAQEGAER NRLGQYR DRLEEV EQMEEV LGPLVEQGR LEEVG DRAQALSDR LGADMEDLR QWANLMEK LQAEIFQAR MEEQTQQIR GRLEEVGNQAR TANLGAGAAQPLR SKMEEQTQQIR GWFEP ELEEQLGPVAEETR NEVNTMLGQSTEELR IQASVATNSIASTTVPLENQ	54%	312
PON3_RAT	YVYVADV IQDPLSDNPR	5%	354
PON1_RAT	LNAFR ALCCYL SFDPSKPGK ILLMDLNEK IQSILSEDPK IFFYDSENPPGSEVLR	15%	355
RELN_RAT	GEGLR LSPLWYK	1%	3462

FINC_RAT	GGQPK EKTGPMK CTETGKSK VGDTYERPK HHAEHSAGRPR GLAFTDVDVDSIK	2%	2477
FIBB_RAT	IRPVFPQQ DNENVINEYSSILEDQK NSIAELNSNINSVSETSSVTFQYLTLK	11%	479
CO3_RAT	EGIPDAR CRNALK AGQYTDK DSCVGLTVVK AGQYTDKGLR ILKVVPEGMR SGSDEVQAGQER	3%	1663
CO4_RAT	GHMRIQQFR DSSTWLTAFVLK	1%	1737
THRB_RAT	YGFYTHVFR ENLDRDIALLK GDACEGDSGGPFVMK TLSKYQNFDPVK SPQELLCGASLISDR RGDACEGDSGGPFVMK KSPQELLCGASLISDR ITDNMFCAGFKVNDTK	13%	617
HBA_RAT	VDPVNFK LRVDPVNFK FLASVSTVLTSK	14%	142
HBB1_RAT	LHVDPENFR LLVVYPWTQR	13%	147
ARTS1_RAT	DLINK GFPLITITVR	2%	930
CLUS_RAT	SGSGLVGR MKGQCEK EGALDDTR FMDTVAEK IDSLLESDR SLLNSLEEAK ASGIIDTLFQDR VSTVTTHSSDSEVPSR QQSQVLDAMQDSFTR LTQQYNELLHSLQSK	24%	447
PIGR_RAT	SSVTFECDLGR EIQNAGDQAQENR	3%	769

KNG1_RAT	LDDLK ATSQVVAGTK VLDMTSVIR KATSQVVAGTK LISDFPEATSHK FSIATQICNITPGK SGNQFVLYQVTEGTK SGNQFVLYQVTEGTKK	10%	639
PDZD2_RAT	LVIGR NGPRGSGR NGDPRIR LLPEQGANSR GLSGPSKGLGTK TSAGLGLSLDGGK GLGFSIAGGRDCIR	2%	2766
TRFE_RAT	TVLPADGPR EGVCPEGSIDSAPVK	3%	698
DPP4_RAT	AGAVNPTVK VLEDNSALDK WVSDSEYLYK LGTLEVEDQIEAAR	6%	767
CD81_RAT	MGVEGCTKCIK QFYDQALQQA VMDDDANNAK	13%	236
CD82_RAT	YIHSEDYSK EEAWDYVQAQVK	8%	266
LAMP1_RAT	ALQASVGNSYK GPDTV DSTTDIK	6%	407
LAMP2_RAT	TFQINTFNLK	2%	411
HA12_RAT	DYIALNEDLK EGPEYWEQQTR	6%	371
4F2_RAT	VAEDEAEAGVK IGDLQAFVGPPEAR	5%	527
SDC4_RAT	ETEVIDPQDLLEGR	7%	202
CSF1R_RAT	AVSLGQSK NVL LTSGHVAK	2%	978
FPRP_RAT	SILALSHEGR YIISLDQDSVVK	2%	879
PGRC1_RAT	DFTPAELR YDGVQDPR GDQPGASGDNDDEPPPLPR	18%	195
ABCBB_RAT	IAIAR FSSSK SLNIR ILLLDEATSALDTESEK	2%	1321
REEP6_RAT	NVATDALGALEAR	6%	211
GRIA1_RAT	GLSVLQR EEVIDFSKPFMSLGISIMIK	3%	907

GRIA4_RAT	HVKGYHYIIANLGFK EEVIDFSKPFMSLGISIMIK	4%	902
MOT1_RAT	SDANTDLIGGSPK	3%	494
GTR1_RAT	FLLINR VTILELFR TFDEIASGFR	4%	492
GTR2_RAT	SFDEIAAEFR VSVIQLFTDPNYR	4%	522
NTCP_RAT	AAATEDATPAALEK	4%	362
MRP9_RAT	QVENISR AVAEASVSLR	1%	1366
AT1A1_RAT	AAEILAR AAVPDAVGK DMDELKK GIVVYTGDR LIIVEGCQR IVEIPFNSTNK LNIPVNQVNPR NMVPQQALVIR SPDFTNENPLETR	10%	1023
AT1A2_RAT	GVGIISEGNETVEDIAAR AAVPDAVGK DHTEIVFAR LIIVEGCQR AGQENISVSKR NMVPQQALVIR	7%	1020
AT1A3_RAT	GVGIISEGNETVEDIAAR RNPGGWVEK DVAGDASESALLK DGNALTPPPTTPEWVK	3%	1013
SO1A4_RAT	TDHAEMK VATHGVRCFAK GITKDFVFMK EGLQENVDTENAK	6%	661
SO1A3_RAT	SLGIGIHAF CIR EGLQENVDTENAK	3%	670
BASI_RAT	YTV DADDR VLQEDTLPDLQMK	5%	388
XKR2_RAT	YFGVK LVENVIMVLVFK	3%	448
ASGR1_RAT	WVCETELGK WVDGTDYETGFK	7%	284

TBA2_RAT	DVNAAIATIK EIIDLVLDR YMACCLLYR QLFHPEQLITGK LISQIVSSITASLR SIQFVDWCPTGFK AVFVDLEPTVIDEVR NLDIERPTYTNLNR IHFPLATYAPVISA EK VGINYQPPTVVPGGDLAK TIGGGDDSFNTFFSETGAGK FDGALNVDLTEFQTNLVPYPR	38%	451
TBA3_RAT	EDAANNYAR EIVDLVLDRIR NLDIERPTYTNLNR VGINYQPPTVVPGGDLAK TIGGGDDSFNTFFSETGAGK	16%	450
TBA6_RAT	DVNAAIATIK EIIDLVLDR YMACCLLYR QLFHPEQLITGK LISQIVSSITASLR TIQFVDWCPTGFK AVFVDLEPTVIDEVR NLDIERPTYTNLNR IHFPLATYAPVISA EK TIGGGDDSFNTFFSETGAGK FDGALNVDLTEFQTNLVPYPR	33%	449
TBB2A_RAT	YLTVA AIFR IREEYPDR FPGQLNADLR LAVNMVPFPR ISEQFTAMFR INVYYNEAAGNK EVDEQMLNVQNK AILVDLEPGTMDSVR NSSYFVEWIPNNVK EIVHIQAGQCGNQIGAK MSATFIGNSTAIQELFK GHYTEGAELVDSVLDVVR LTTPTYGDLNHLVSATMSGVTTCLR SGPFGQIFRPDNFVFGQSGAGNNWAK	40%	445

TBB2C_RAT	YLTVAAVFR IREEYPDR FPGQLNADLR LAVNMVPPFR ISEQFTAMFR INVYYNEATGGK IMNTFSVVPSPK EVDEQMLNVQNK AVLVDLEPGTMDSVR NSSYFVEWIPNNVK EIVHLQAGQCGNQIGAK MSATFIGNSTAIQELFK GHYTEGAELVDSVLDVVR SGPFGQIFRPDNFVFGQSGAGNNWAK	43%	445
TBB3_RAT	VAVCDIPPR FPGQLNADLR LAVNMVPPFR ISEQFTAMFR IMNTFSVVPSPK AILVDLEPGTMDSVR ALTVPELTQQMFDKAK NSSYFVEWIPNNVK	21%	450
TBB5_RAT	YLTVAAVFR IREEYPDR FPGQLNADLR LAVNMVPPFR ISEQFTAMFR ISVYYNEATGGK IMNTFSVVPSPK EVDEQMLNVQNK AILVDLEPGTMDSVR ALTVPELTQQVFDAK NSSYFVEWIPNNVK EIVHIQAGQCGNQIGAK GHYTEGAELVDSVLDVVR LTTPTYGDLNHLVSATMSGVTTCLR SGPFGQIFRPDNFVFGQSGAGNNWAK	47%	444

ACTB_RAT	LDLAGR GILTLK IIAPPER AGFAGDDAPR DLTDYLMK GYSFTTTAER EITALAPSTMK HQGVMVGMGQK DSYVGDEAQSK QEYDESGPSIVHR SYELPDGQVITIGNER VAPEEHPVLLTEAPLNPK DLYANTVLSGGTTMYPGIADR	39%	375
ARP2_RAT	LDIAGR LNIDTRSCK DLMVGDEASELR	7%	394
ACTN1_RAT	ISNVNK YLDIPK EALERTEK TINEVENQILTR FAIQDISVEETSAK	5%	892
ADIP_RAT	EQLEASRR LAKSLPTSPSDFCPSR	3%	613
MYH9_RAT	VVFQEFR VISGVLQLGNIVFK QLLQANPILEAFGNAK IIGLDQVAGMSETALPGAFK ELETQISELQEDLESER KLEGDSTDLSQIAELQAQIAELK	5%	1961
MYH11_RAT	AGGRR EEAIK KAFTK QADLEK EKQAATK KLQAQMK NTDQASMPDNTAAQK QLLQANPILEAFGNAK	5%	1327
MOES_RAT	VSQLEMAR QLFDQVVK ALTSELANAR TTEAEKNER EDAVLEYLK IGFPWSEIR AQMVEDLEK AQQELEEQTR	13%	577

EZRI_RAT	KVSAQEV EKEQMLR QLFDQVVK IGFPWSEIR QRIDEFEAM	7%	586
COF1_RAT	YALYDATYETK	7%	166
DYHC_RAT	ILDDDTIITLENLKR	1%	4644
MAP1B_RAT	KDKPGK KEEKPK LMITDAAR MYVLNPVKSSK QDVDLCLVSSCEFK	2%	2459
CLAP2_RAT	AGGTSK SVPVR GIHDADAEAR NGSIPTYMR LSTPLVAVGNAK SSGSVASLPQSDR EGLLGLQNLLKNQR	5%	1286
KIF1B_RAT	QSGTAK EGANINK VGQADAER CPSQPKY ISPPRSLR EDGGTLGVFSPK VTGIYELSLCK	3%	1816
KLC3_RAT	VLGADHPDVAK LAQENTWLR	4%	505
TSC2_RAT	YTEFLTGLGRLELK	1%	1809
SPTN2_RAT	VYTPR ELGLTK FSFFK ASPPGKDR LTALEER ALEEEIR TLGEEVTR IKALADER VGDLYSDLR	6%	2388
ROCK2_RAT	NGVEEIK ENDAIQTR DSDIEQLR CLMQNDLK GAFGEVQLVR NLICAFLTDR MNLEKQNAELR	4%	1379

RAI14_RAT	LLQYK VASLLGK TMAKEMEEK EKAHSEVAQVR	3%	978
RHOA_RAT	QVELALWDTAGQEDYDR	8%	193
RAB1A_RAT	MGPGATAGGAEK LLLIGDSGVGK QWLQEIDR LQIWDTAGQER	20%	205
RAB1B_RAT	LLLIGDSGVGK QWLQEIDR LQIWDTAGQER MGPGAASGGERPNLK	22%	201
RAB2A_RAT	IQEGVFDINNEANGIK	7%	212
RAB3A_RAT	MASATDSR LQIWDTAGQER	9%	220
RAB7_RAT	ATIGADFLTK NNIPYFETSAK DPENFPFVVLGNK	16%	207
RB11A_RAT	VVLIGDSGVGK HLTYENVER AQIWDTAGQER	14%	216
RAB12_RAT	IGSRGVGK LQIWDTAGQER	10%	197
RAB13_RAT	TVEIEGK LLLIGDSGVGK	9%	203
RAB14_RAT	AVTRSYR LTSEPQQR LQIWDTAGQER	13%	215
RAB35_RAT	KDNLAK LLIIGDSGVGK LQIWDTAGQER	13%	201
RAB43_RAT	LQIWDTAGQER	5%	210
RAP1B_RAT	EQGQNLAR LVVLGSGGVGK YDPTIEDSYR YDPTIEDSYRK DTDDVPMILVGNK VKDTDDVPMILVGNK	24%	184
RP3A_RAT	ASEAR TQIKK LETMR IGRLVDR IGDIEER NFNICLER	5%	684
RAB3D_RAT	ASASEPPASPR LQIWDTAGQER	10%	219

ARF1_RAT	MLAEDEL GNIFANLFK NISFTVWDVGGQDK QDLPNAMNAAEITDK	25%	181
ARF3_RAT	GNIFGNLLK MLAEDEL NISFTVWDVGGQDK QDLPNAMNAAEITDK	25%	181
RASN_RAT	SFADINLYR QGVEDAFYTLVR	11%	189
RASH_RAT	TVESRQAQDLAR QGVEDAFYTLVR	12%	189
GBLP_RAT	QEVISTSSK VWNLANCKLK DETNYGIPQR LWDLTTGTTTR TEQMTLRGTLK DVLSVAFSSDNR IIVDELKQEVISTSSK	22%	317
GBB4_RAT	LLVSASQDGK LIIWDSYTTNK	6%	340
GBB2_RAT	LLVSASQDGK TFVSGACDASIK LIIWDSYTTNK	9%	340
GNAS1_RAT	AAAAR DIIQR DEFLR KEAMEMR LLLLGAGESGK	3%	1144
GNAI2_RAT	AAREVK LLLLGAGESGK AVVYSNTIQSIMAIVK IAQSDYIPTQQDVLR	13%	355
GNA12_RAT	ILLGAGESGK GIVEHDFVIK GIVEHDFVIKK	8%	379
GNAO1_RAT	LLLLGAGESGK	3%	354
1433B_RAT	LAEQAER NLLSVAYK YLSEVASGDN DSTLIMQLLR MTMDKSELVQK AVTEQGHELSNEER	24%	246

1433E_RAT	LAEQAER NLLSVAYK DSTLIMQLLR EAAENSLVAYK YLAEFATGNDR	18%	255
1433G_RAT	LAEQAER NLLSVAYK TSADGNEKK EQLVQKAR YLAEVATGEK DSTLIMQLLR NVTELNEPLSNEER	27%	247
1433Z_RAT	LAEQAER VVSSIEQK NLLSVAYK YLAEVAAGDDK DSTLIMQLLR YLAEVAAGDDKK SVTEQGAELSNEER GIVDQSQQAYQEAFEISK	31%	245
IL6RB_RAT	GPTVR GSLLESK TSVGKEMVVR	2%	918
ILK_RAT	LLQYK ELLRER GTTRTRPR DFNEECPR YGEMPVDKAK FDMIVPILEK	10%	452
KCC2A_RAT	DLINK MATITCTR QETVDCLKK	5%	478
AAKB2_RAT	IPLIK AEGGGHGPGK	5%	271
AKAP6_RAT	QEKEGTSAEK LYLETHLSFK DLLSPESGSLVR	1%	2314
SND1_RAT	TDAVDSVVR VADISGDTQK QFLPFLQR FVDGEWYR LGALPPAFSTR SDISSHPPVEGAYAPR	9%	909
RGN_RAT	NLPGLVQEGEPFSEEATLFTK QSGGYVATIGTK VGVDAPVSSVALR YFAGTMAEETAPAVLER	14%	299

MVP_RAT	VLFAPVR TRDALQR ALLDFEDK AQLELEVSK EMELIYAR GPLEYVPSAK SFFLQPGER VTGEEWLVR IEGEGSVLQAK GTAKPLQPSAPR DLAVAGPEMQVK HYCIVANPVS GAVASVTFDDFHK VSHQAGDCWLIR LFSVPDFVGDACK ALQPLEEGESEEK AQALAIETEAELER EVEVVEIIQATVIK DTQSSVLFDITGQVR LAQDPFPLYPGEVLEK DITPLQVVLNPTALHLK GIQDVYVLSEQQGLLLK QAIPLDQNEGIYVQDVK ELPSGVEELNLGHDPLADR	34%	861
PHB2_RAT	DLAGR FNASQLITQR IVQAEGEAEAAK	9%	299
IRS1_RAT	VSLPR ASTLPRVR KVDTAAQTNSR	2%	1235
CALM_RAT	DTDSEEEIR EAFSLFDKDGDTITTK	17%	149
MFGM_RAT	AEYLK VAYSLDGR VTGIITQGAR VSGVMTQGASR INAWTAQSNSAK EWLQVDLGTQK VFQGNLDNNSHK EFMGNQDNNSLK INMFNPTLEAQYIR	22%	427
ANXA2_RAT	DALNIETAIK QDIAFAYQR TPAQYDASELK TNQELQEINR QDIAFAYQRR GVDEVTIVNILTNR	16%	339

ANXA4_RAT	ETKGGTVK GLGTDDSTLIR FLSILCSRNR QDAQDLYEAGEK AEIDMLDIPANFK	17%	319
ANXA5_RAT	TPEELR GDTSGDYKK VLTEIIASR SELTGKFEK LIVALMKPSR GAGTDDHTLIR	17%	319
ANXA6_RAT	SEISGDLAR AMEGAGTDEK SEIDLLNIR STPEYFAER SELDMLDIR QTFKSHFGR SNVQRQQIR TTGKPIEASIR TNEQIHQLVAAYK GIGTDEATIIDIITQR	15%	673

CLH_RAT	AYEFAER RIAAYLFK YIEIYVQK AHIAQLCEK HDVVFLITK VANVELYYK LLLPWLEAR DAMQYASESK EVCFACVDGK EHLELFSWR QLPLVKPYLR VDKLDASESLR TLQIFNIEMK LLYNNVSNFGR NNLAGEELFAR LEKHELIEFR IYIDSNNNPER VVGAMQLYSVDR NLQNLLILTAIK CNEPAVWAQLAK IVLDNSVFSEHR SVDPTLALSVYLR ALEHFTDLYDIK VGYTPDWIFLLR WLLLTGISAQQNR GQFSTDELVAEVEK LTDQLPLIIVCDR RPISADSAIMNPASK ESYVETELIFALAK ALEHFTDLYDIKR GQFSTDELVAEVEKR VSQPIEGHAASFAQFK KFNALFAQGNYSEAAK TSIDAYDNFDNISLAQR LHIIEVGTPTGNQPFK AFMTADLPNELIELLEK LASTLVHLGEYQAAVDGAR KDPELWGSVLLESNPYR LPVVIGGLLDVDCSESVIK GQCDLELINVCNENSLFK FDVNTSAVQVLIHIGNLDR ISGETIFVTAPHEATAGIIGVNR SVNESLNNLFITEEDYQALR KFDVNTSAVQVLIHIGNLDR LAELEEFGPNNAHIQQVGDR RPLIDQVVQTALSETQDPEEVSVTVK LLEMNLMHAPQVADAILGNQMFTHYDR	38%	1675
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FQSVPAQPGQTSPLLQYFGILLDQGQLNK

CLCA_RAT	ELEEWYAR WREEQTER	6%	248
COPB_RAT	VLSTPDLEVR VLQDLVMDILR	2%	953
COPB2_RAT	LPEAAFLAR VWCVASLR VFNYNTLER AAESLADPTEYENLFPGLK	4%	905
YIPF5_RAT	TLTVLHPLR	3%	257
TMEDA_RAT	LKPLEVELR IPDQLVILDMK ITDSAGHILYAK	15%	219
TMED2_RAT	LEEMINELAVAMTAVK	7%	201
SCAM1_RAT	KAAELDR QEELERK	4%	338
LMAN1_RAT	QLDMILDEQR YVSSLTEEISR	4%	517

FLOT1_RAT	DAGIR IGEAQAK IGEAQAKR QKFSEQVFK VTGEVLDILSR	8%	428
FLOT2_RAT	DAGIR IPLIK DVYDK SAFSEEVNIK QVLLAQAEAEK	8%	428
PDC6I_RAT	AEGAK EGLNDLK FYNELTEILVR	6%	401
VP33B_RAT	AFPHR IIEQVLDLR	2%	617
CEAM1_RAT	IDPIKR VTTTGLNSEIAR QFNPIQTSVQFR	6%	519
TMM27_RAT	AALGDK AMVAFSMR	6%	222
MPRD_RAT	AVVMISCNR GVGDDQLGEESEER	8%	278
SSRG_RAT	QQSEEDLLLQDFSR	7%	185
TERA_RAT	ACKLAIR VVRNNLR LAGESESNLR GILLYGPPGTGK EVDIGIPDATGR WALSQSNPSALR	7%	806
GRAP1_RAT	ESSAIPAR NGVELSSLR ETLFNDSR MQTQLELR ELRELHEDK	5%	837
RSSA_RAT	LLVVTDP FAAATGATPIAGR AIVAIENPADVSVISSR	12%	295
RS3_RAT	ACYGVLR AELNEFLTR TQNVLGKGR GCEVVVSGKLR ELAEDGYSGVEVR	26%	243
RS4X_RAT	DEILPTTPISEQK VAAPK MARGPK TDITYPAGFMDVISIDK	10%	263

RS6_RAT	DIPGLTDTTVPR	10%	249
	MKLNISFPATGCQK		
RLA2_RAT	NIEDVIAQGVGK	50%	115
	ILDSVGIEADDER		
	LASVPAGGAVAVSAAPGSAAPAAGSAPAAAEE		
	K		
RL4_RAT	NIPGITLLNVSK	3%	421
RL6_RAT	KSSSK	14%	298
	KYSAAK		
	AVPQLQGYLR		
	EKYEITEQR		
	AVDSQILPKIK		
RL7_RAT	LNKASVNMLR	8%	260
	IALTDNSLVAR		
RL7A_RAT	GALAK	9%	266
	AILYKR		
	AGVNTVTTLVENK		
RL11_RAT	AQDQGEK	19%	178
	LCLNICVGESGDR		
	VLEQLTGQTPVFSK		
EF1A1_RAT	AERER	13%	462
	LPLQDVYK		
	IGGIGTVPVGR		
	STTTGHLIYK		
	VETGVLKPGMVVTFAPVNVTTTEVK		
EF1A2_RAT	AERER	9%	463
	GNVCGDSK		
	LPLQDVYK		
	IGGIGTVPVGR		
	STTTGHLIYK		
EF2_RAT	FSVSPVVR	13%	858
	GGGQIPTAR		
	VNFTVDQIR		
	VFSGVVSTGLK		
	STLTDSLVCCK		
	VFDAIMNFR		
	TFCQLILDPIFK		
	IWCFGPDGTGPNILTDITK		
	RWLPAGDALLQMITIHLPSVTAQK		
SYPM_RAT	ASDLTCKSQR	5%	475
	LVRVIDQEMQAIGGQK		
SYV_RAT	LSATVTEAFVR	2%	1264
	LLSPFMPFVTEELFQR		
SYTC_RAT	NELSGALTGLTR	4%	695
	VVWDLDRPLETDCTLELLK		
MA2A1_RAT	LLAENNEIISNIR	2%	489
RIB1_RAT	AVTSEIAVLQSR	2%	605

RIB2_RAT	TGQEVVFVAEPDNK	2%	631
GLCNE_RAT	VAIVSMK	6%	722
	ETGENVLHVR		
	TLVLFPNIDAGSK		
	EVGAFGTPVINLGTR		
HS70L_RAT	SAVGDEGLK	16%	641
	DAGVIAGLNVL		
	VEIANDQGNR		
	NALESYAFNMK		
	TTPSYVAFTDTER		
	AFYPEEISSMVLTK		
	IINEPTAAAIAYGLDK		
	ATAGDTHLGGEDFDNR		
HSP71_RAT	REELER	16%	641
	LLQDFFNQR		
	YKAEDEVQR		
	DAGVIAGLNVL		
	VEIANDQGNR		
	NALESYAFNMK		
	TTPSYVAFTDTER		
	NQVALNPQNTVFDK		
	ATAGDTHLGGEDFDNR		
TRAP1_RAT	GVVDSEDIPLNLSR	2%	706
HSP7C_RAT	DISENKR	23%	646
	INDEDKQK		
	DAGTIAGLNVL		
	ATVEDEKLQK		
	VEIANDQGNR		
	FDDAVVQSDMK		
	NSLESYAFNMK		
	TTPSYVAFTDTER		
	IINEPTAAAIAYGLDK		
	NQVAMNPTNTVFDK		
	STAGDTHLGGEDFDNR		
	IINEPTAAAIAYGLDKK		
	TVTNAVVTVPAYFNDSQR		

GRP78_RAT	LTPEEIER ALSSQHQAR ITITNDQNR VYEGERPLTK VEIANDQGNR DAGTIAGLNVMR NELESYAYSLK ELEEIVQPIISK TWNDPSVQQDIK TFAPEEISAMVLTK ITPSYVAFTPEGER IINEPTAAAIA YGLDK NQLTSNPENTVFDK IINEPTAAAIA YGLDKR SQIFSTASDNQPTVTIK VTHAVVTVPAYFNDAQR	28%	654
HS90A_RAT	LSELLR TLVSVTK YESLTDPSK YIDQEELNK ELISNSSDALDK EDQTEYLEER TLTIVDTGIGMTK EGLELPEDEEEK GVVDSIDLPLNISR	13%	733
HS90B_RAT	LSELLR ADHGPIGR YESLTDPSK VEKVTISNR YIDQEELNK EQVANSFAFVER ELISNASDALDK EDQTEYLEER TLTLVDTGIGMTK EGLELPEDEEEK GVVDSIDLPLNISR	16%	724
TCPA_RAT	SLHDALCVVK EQLAIAEFAR FATEAAITILR VLCELADLQDK YINENLIINTDELGR EVGDGTTSVVIAAELLK SLLVIPNTLAVNAAQDSTDLVAK SVVPGGAVEAALSIIYLENYATSMGSR	22%	556

TCPB_RAT	GATQQILDEAER GSGNLEAIHVIKK QVLLSAAEAAEVILR LGGSLADSYLDEGFLLDKK VQDDEVGDGTTSVTVLAAELLR	15%	535
TCPD_RAT	VIDPATATSVDLR DALSDLALHFLNK	4%	539
TCPE_RAT	LMGLEALK IADGYEQAAR EKFEEMIAQIK ESNPALGIDCLHK WVGGPEIELIAIATGGR	10%	541
TCPG_RAT	ISTPVDVNNR AVAQALEVIPR TAVETAALLR ELGIWEPLAVK IVLLDSSLEYK TLIQNCGASTIR	12%	545
CALX_RAT	GLVLMSR EIEDPEDR APVPTGEVYFADSFDR	5%	591
PDIA1_RAT	VLVGK QLAPIWDK DHENIVIAK NFEEVAFDEK MDSTANEVEAVK ALLCLALAWAAR YKPESDELTAEK VDATEESDLAQQYGVR	16%	509
PDIA3_RAT	DPNIVIAK TFLDAGHK TADGIVSHLK YGVSGYPTLK NTKGSNYWR FVMQEEFSR LAPEYEEAATR FAHTNVEESLVK SEPIPETNEGPVK ELNDFISYLQR EATNPPIIQEEKPK MDATANDVPSPYEVK VVVAESFDDIVNAEDK	29%	505

PDIA4_RAT	DYVVK TFDAIVMDPK VDATEQTDLAK IDATSASMLASK RFDVSGYPTLK MDATANDITNDR	9%	643
PDIA6_RAT	SGGYSSGKQGR GESPVYDGGGR DVVELTDDTFDK NLEPEWAAAATEVK GSTAPVGGGSFPNITPR	14%	440
CALR_RAT	AAEKQMK GLQTSQDAR EQFLDGDAWTNR IKDPDAAKPEDWDER	10%	416
PPIB_RAT	VLEGMDVVR TVDNFVALATGEK DTNGSQFFITTVK	17%	208
AMPN_RAT	EDNSATGFGSGTR VVATTQMQAADAR ESALVFDQPSSSISNK ALGDTPAPNIDTTELV	6%	965
MEP1A_RAT	LVSPR TRNALR DLTHLR GAILNAFEMFR	4%	748
ZPI_RAT	GLMNHYINK AVKVPMMYR	4%	436
PSB4_RAT	MEAFWESR QPVLSQTEAR	7%	263
PRS6A_RAT	QTYFLPVIGLVDAEK	3%	439
UBIQ_RAT	TLTGK ESTLHLVLR TLSDYNIQK TITLEVEPSDTIENVK	51%	76
RN190_RAT	RRPNLGR TSVTEPTTK	2%	790
CAND1_RAT	LTLIDPETLLPR DLLDSVLPFLYNETK	2%	1230

ACLY_RAT	LLVGVDEK EILIPVFK GGPNYQEGLR DGVYILDAAK LGLVGVNLSLDGVK WGDIEFPPPFGR SGGMSNELNNIISR IGNTGGMLDNILASK TIAIIAEGIPEALTR AFDSGIIPMEFVNK DLVSSLTSGLLTIGDR EAYPEEAZIADLDAK GVTIIGPATVGGIKPGCFK SAYDSTMETMNYAQIR QHFPATPLLDYALEVEK	19%	1100
FAS_RAT	FLEIGK LTQGEVYK AVAHILGIR TGTVPLEVR VLEALLPLK VAAAVDLITR VFTTVGSAEK QVQPEGPYR EAVLAAYWR EHDLVLP AVAHGDGEAQR AEAVVAVLLTK QQEQLVPTLEK SFYGTALFLCR GVDLVLNSLAEEK DNLEFFLTNLGK TMEAVQGLLEQGR GVKPSCTIPLMK RQQEQLVPTLEK FPQLDDTSFANSR ACIDTALENLSTLK LGPVGGVFNLAMVLR VTAIYIDPATHLQK CILLSNLSSTSHVPK VLFPGTGYYLYLVWK DTSFEQHVVLLHTGGK SYIITGGLGGFGLRLAR MTVPGLEDLPQHGLPR DHKDNLEFFLTNLGK GNAGQSNYGFANSTMER GLESIIIIHSSLAEP WLSTSIPEAQWQSSLAR	26%	2505

LFDHPEVPIPAESESVSR
 LLLPEDPLISGLLNSQALK
 LTPGCEAEAEAEICFFIK
 EEEPEAMLPGAQPTLISAISK
 DAMLENQTPELFDVFNKPK
 FVFTPHVEPECLSESAILQK
 TGGLAFHSYFMEGIAPDLLQALK
 SLYQPGGVAPESLEYIEAHGTGTK
 VHLTGIDINPNALFPPVEFPVPR
 LSPQDKPIFLPVEDTSFQWVDSLK
 SLSLSLEETPVVFENVTFHQATILPR
 LPESENLQEFWANLIGGVDMVTDDDRR
 LSVPTYGLQCTQAAPLDSIPNLAAYYIDCIK

FABPL_RAT	LTITYGSK YQVQSQENFEPFMK	17%	127
ACADL_RAT	KLTDIGIR QLLGINIAEK AQDTAELFFEDVR	7%	430
ACSL1_RAT	CGVEIIGLK LLEGVENK IGFFQGDIR LAQGEYIAPEK NAGLKPFEQVK SQIDELYSTIK GFQGSFEELCR VLQPTIFPVVPR	12%	699

ACSL5_RAT	EGGLK RNSLWDK IGFFQGDIR ATMLIENVEK LAQGEYIAPEK AEYLGSCLLHK	8%	683
ACSL6_RAT	ALRPTIFPVVPR	1%	697
ECHP_RAT	VVGVPVALDLITSGK VGLPEVTLGILPGAR	4%	722
ACOX2_RAT	EAFDLLPLIR	1%	681
LPP60_RAT	LYPGIPASLVR	1%	564
THIM_RAT	DFTATDLTEFAAR	3%	397
COA1_RAT	AIGIGAYLVR GVINDILDWK VDPVYIRLAER LLETESFQLNR LGGIPVGVVAVETR NSISNFLHSLER IGSFGPQEDLLFLR EVFFMNTQSIVQLVQR	4%	2345
HMCS2_RAT	APLVLEQGLR LEVGTETIIDK	4%	508
MET7B_RAT	VTCVDPNPNFEK	4%	244
PYGL_RAT	DFSELEPDK VLYPNDNFFEGK	2%	850
PYGB_RAT	SSKFGCR VLYPNDNFFEGK	2%	838
ENOA_RAT	AGAVEK AGKYDLDFK YITPDQLADLYK DATNVGDEGGFAPNILENK	11%	434
F16P1_RAT	DFDPAINIYIQR AGGLATTGNEDILDIVPTEIHQK	9%	363
ALDOA_RAT	QLLLTADDR DGADFAKWR GILAADESTGSIK	8%	364
ALDOB_RAT	ATQEAFMK LDQGGAPLAGTNK ALQASALAAWGGK ETTIQGLDGLSER GILAADESVGTMGNR YTPEQVAMATVTALHR	21%	364

G3P_RAT	GGAKR AGAHLK TVDGPSGK VVDLMAYMASK VVDLMAYMASKE GAAQNIPASTGAAK LISWYDNEYGYSNR VIISAPSADAPMFVMGVNHEK	24%	333
PPCKC_RAT	TVIITQEQR FLWPGFGENSR VIQGLDLSLPQEV MGTSVLEALGDGEFIK EIIISFGSGYGGNSLLGK AINPENGGFGVAPGTSVK TMYVIPFSMGPLGSPLAK	17%	622
KPYR_RAT	QLFEELR KASDVLAVR DALGPEGQNIK GDLGIEIPAEK GSQVLVTVDPK STSIATIGPASR SAQLLSQYRPR EPPEAIWADDVDR IYIDDGLISLVVQK DPTEVTAIGAVEASF K TGVLQGGPESEVEIVK FGVQHNVDIIFASFVR IGPEGLVTEVEHGGILGSR EATESFATSPLSYRPVAIALDTK GVNLPNTEVDLPGLSEQDLLDLR KGVNLPNTEVDLPGLSEQDLLDLR DPTEVTAIGAVEASF KCCAAAIIVLTK	39%	574
KPYM_RAT	GIFVLCK GDLGIEIPAEK	3%	531
PYC_RAT	FIGPSPEVVR GQIGAPMPGKVIDVK ELIPNIPFQMLLR GLAPVQAYLHIPDIIK	5%	1178
PGK1_RAT	DLMAK KELNYFAK NNQITNNQR	5%	417
GCKR_RAT	TVDQGVVSSQR VIPTALLSLLLR CIESLLQAIHFPQPLSDDVR	6%	627

GLPK_RAT	KVQEAVEENR LGQLNIDISNIK TGLPLSTYFSAVK	6%	524
AL7A1_RAT	ETFAPILYVFK	4%	228
AL9A1_RAT		46%	494
	CQVLLEAAR EVNLAVENAK IGDPLEDTR GIKPITLELGGK VSFTGSVPTGMK VTIEYYSQLK MGPLINAPHLER IKIGDPLEDTR SPLIIFSDCNMK ANDTTFGLAAGVFTR GALLANFLTQGVCCNGTR EEIFGPVMSILTFETEAEVLER AGAPNGLFNVVQGAATGQFLCQHR VAAELQAGTCYINNYNVSPVELPFGGYK SAPALACGNAMIFKPSPTVPSALLLAEIYTK		
AL3A2_RAT	SGRSRPLR IAFGGETDEATR YIAPTILTDVDPNSK VMQEEIFGPILPIVSVK	11%	484
AL1B1_RAT	VAEQTPLSALYLASLIK	3%	519
ALDH2_RAT	LLCGGGAAADR GYFIQPTVFGDVK VAEQTPLTALYVANLIK	8%	519
LDHA_RAT	VTLTPDEEAR QVVDSAYEVIK SLNPQLGTDADK	10%	332
DHSA_RAT	LGANSLLDLVVFR	2%	656
XYLB_RAT	VVAFTGDNPASLAGMR VWSQAACLDACAPHLK	5%	536
MDHC_RAT	EKMDLTAK GEFITTVQQR FVEGLPINDFSR	8%	334
MMSA_RAT	TLADAEGDVFR AFPAWADTSILSR	4%	535

UGDH_RAT	LAANAFLAQR VTVVDVNEAR VLIGGETPEGQR ILTTNTWSSELSK AVQALCAVYEHVVPK INAWNSPTLPIYEPGLK DVLNLVYLCEALNLPEVAR VLDGLHNELQTIGFQIETIGK IFDANTKPNLNLQVLSNPEFLAEGTAIK	29%	493
CISY_RAT	IVPNILLEQGK	2%	466
CGL_RAT	AVAALDGAK MEKHFR ACAQIVHK ATLGISDTLIR LLEAAITPQTK AVVLPISLATTFK LVWIETPTNPTLK QDSPGQSSGFVYSR	21%	398
ADK_RAT	SLVANLAAANCYK	3%	361
SARDH_RAT	DPSGGPVSLDFVK	1%	919
C1TC_RAT	VLLSALDR KFSDIQIR DCFIPCTPK TPVPSDIAISR GVPTGFVLPPIR QPSQGPTFGIK DVDGLTSINAGK AYTEEDLDLVEK TDPAALTDDEINR LDIDPETITWQR MFGVPVVVAMNAFK YVVVTGITPTPLGEGK ASQAPSSFQLLYDLK IYGADDIELLPEAQNK LGIEKTDPAALTDDEINR	18%	935

FTHFD_RAT	IGNPLER LSDHPDVR FLFPEGIK GQALPEVVAK YFAGWCDK TDVAAPFGGFK MMPASQFFK EAFENGLWGK DLGEAALNEYLR EESFGPIMIISR SPLIIFADC DLNK ANATEFGLASGVFTR GVVNILPGSGSLVGQR DTNHGPQNHEAHLR ILPNVPEVEDSTDFFK INWDQP AEAIHNWIR ECEVL PDDTVSTLYNR GSASSDLEL TEAELATAEAVR	25%	902
FTCD_RAT	ISSLLQEAK AFAACLGAIK TCALQEGLR AGEYEALPEK L FVLEEEHR LGLDSLAPFDPK VQGIGWYLEEK TQAALVLGSLEAR MGALDVCPFIPVR EAQELNLPVVGSQLVGLVPLK TVYTFVGQPECVVEGALSAAR IIEYLPDSGPEQSLLDASLR QAEWVPDFGPSSFVPSWGATVTGAR SAAPGGGSVAAAVAALGAALASMVGQMTYGR NLAQVSTNLLDFEVTALHTVYEEAR LAETVSQLWPALQELAQC GNLSCLSDLQVAAK	50%	541
CBS_RAT	VWISPDTPSR CEFFNAGGSV SNDDDSFAFAR	5%	561
SAHH_RAT	ESLIDGIKR VADIGLAAWGR VAVVAGYGDVGK	7%	432
BHMT1_RAT	ALFEK EATTEQQLR AIAEELAPER AGPWTPEAAVEHPEAVR	10%	407

BHMT2_RAT	AGANIIGVNCR	5%	363
	AIAEELAPER		
CSAD_RAT	IDQAFALTR	19%	493
	ALPPLALFTSK		
	GAAFLGLGTDSVR		
	TLDGDPVAVEALLR		
	LLAAGLQCSALLLR		
	FFNQLFSGLDPHALAGR		
	FYNVALDTGDKVVQCGR		
ARGI1_RAT	VMEETFSYLLGR	15%	323
	TGLLSGLDIMEVNPTLGK		
	DHGDLAFVDVPNDSPFQIVK		
ASSY_RAT	GQVYILGR	21%	412
	VFIEDVSK		
	KQVEIAQR		
	KVFIEDVSK		
	NQAPPGLYTK		
	QHGIPIPVTPK		
	APNTPDVLEIEFK		
	FELTCYSLAPQIK		
	EQGYDVIAYLANIGQK		
ARLY_RAT	NPDSLELIR	13%	461
	NDQVVTDLR		
	VAEEWAQGIFK		
	HLWNVDLQGSK		
	SRNDQVVTDLR		
	INVLPLGSGAIAGNPLGVDR		

CPSM_RAT	IYAIK TSINVVR VVAVDCGIK ELSEPSSTR APMFSWPR SVGEVMAIGR EIEYEVVR LRDADPILR VPAIYGVDTR EWPANLDR FVHDNYVIR IALGIPLPEIK SLGQWLQEEK SIFSAVLDELK ATGYPLAFIAAK VSQEHPVVLTK IMGTSPLQIDR TLGVDFIDVATK EVEMDAVGKEGR AADTIGYPVMIR GQNQPVLNITNR AQTAHIVLEDGTK AFAMTNQILVER LTSIDKWFLYK GLNSESVTEETLR ALENNMSLDEIVK SAYALGGLGSGICPNK QLFSDKLNEINEK FLGVAEQLHNEGFK IAPSFAVESMEDALK VLGTSVESIMATEDR AFAISGPFNVQFLVK GTTITSVLPKALVASR IEFEGQSVDFVDPNK DGSIDLVINLPNNNTK TAVDSGIALLTNFQVTK EPLFGISTGNIITGLAAGAK RTAVDSGIALLTNFQVTK TVLMNPNIASVQTNEVGLK QADAVYFLPITPQFVTEVIK SLGQWLQEEKVPAIYGVDTR VLILGSGLSIGQAGEFDYSGSQAVK AERPDGLILGMGGQTALNCGVELFK IEFEGQSVDFVDPNKQNLIAEVSTK	36%	1500
GGLO_RAT	TYGCSPEVYYQPTSVVEVR	4%	440
PH4H_RAT	VEVLDNTQQLK NDIGATVHELRSR	5%	453

KMO_RAT	KVINR	5%	478
	MIHSLSGK		
	EDIRVANFMR		
ATPA_RAT	VHGLR	10%	553
	LELAQYR		
	NLHASNTR		
	AVDSLVPGR		
	ISVREPMQTGIK		
	TGTAEMSSILEER		
ATPB_RAT	IPVGPETLGR	12%	529
	TIAMDGTEGLVR		
	IMNVIGEPIDER		
	VALVYQMNPPGAR		
	IMDPNIVGSEHYDVAR		
KCRS_RAT	AGVHVRIPK	5%	419
	GLSLPPACSR		
COX41_RAT	SEDYALPSYVDR	7%	169
NDUS1_RAT	QDLPK	3%	727
	DLLNK		
	AVEDKNIGPLVK		
CYB5_RAT	YYTLEEIQK	41%	134
	TYIIGELHPDDR		
	FLEEHPGGEEVLR		
	EQAGGDATENFEDVGHSTDAR		
ETFA_RAT	MFRAAAPGQLR	12%	333
	LNVAPVSDIIEIK		
	APSSSSAGISEWLDQK		
3BHS5_RAT	GDIVDAQFLR	6%	373
	DLGYEPLVSWEEAK		
DHB12_RAT	LGEWAVVTGGTDGIGK	5%	312
DHB13_RAT	ALTAELDTLGK	13%	300
	LWPVLEPDEVAR		
	TSCLCPVFNVTGFTK		
DHRS8_RAT	ALTDELAALGCTGVR	5%	298
AK1D1_RAT	TQAQIVLR	25%	326
	DELLTSLGK		
	SLGVSNFNR		
	HIDGAYVYR		
	NEHEVGEAIR		
	EEMKDIEALNK		
	QLEVILNKPGLK		
	NPLWVNVSSPPLLK		
DIDH_RAT	IAIDNGFR	12%	322
	QTPALVALR		
	VALNDGNFIPVLGFGTTVPEK		

DHI1_RAT	KVIVTGASK IMEFLSLR KDEVYYDK FALDGFFSTIR ETSGIILSQAAPK MTQPLIASYSASK SSWTPLLLGNPGR	26%	288
PERT_RAT	DILGGK GLLARPAK	2%	914
RDH3_RAT	TNVTNMER VAIIEPGGFK VVNIASTMGR LETVILDVTK YGVEAFSDSLR LWDQTTEEVK TESIVAATQWVK KLWDQTTEEVK YGVEAFSDSLRR LWDQTTEEVKEIYGEK	24%	317
RDH7_RAT	TNVTNMER VAIIEPGGFK VVNIASTMGR LETVILDVTK YGVEAFSDSLR TESIVAATQWVK KLWDQATEEVK YGVEAFSDSLRR	23%	317
RETST_RAT	ATVQSVLLDSAGR	2%	609
VKGC_RAT	TKLQDIK GLSSLDRK KLQEIER AAPASDKVQK Iron Metabolism	4%	758
FRIH_RAT	DDVALKNFAK ELGDHVTNLR SVNQSLLELHK QNYHQDSEAINR MGAPESGMAEYLFDK	32%	182
FRIL1_RAT	TLEAMEAALALEK QNYSTEVEAAVNR ALFQDVQKPSQDEWGK	22%	183

IREB1_RAT	FEFLK GPFLGK DFESCLGAK AVLAESYER SWNALAAPSEK YQQAGLPLIVLAGK TSLSPGSGVVTYYLR ANYLASPPLVIAYAIAGTVR VILQDFTGVPAVVDFEAMR IIPPGSGIIHQVNLEYLAR	14%	889
CP2A1_RAT	YLPGPQQQIIK DVYSSITQLSER EALVDQAEFEFSGR	7%	492
CP2A2_RAT	RFCLGDSLAK YLPGPQQQIIK DVYSSITQLSER EALVDQAEFEFSGR	9%	492
CP4A2_RAT	LYSPVPSVSR ELSSPVTFPDGR ACQIAHEHTDGVK	7%	504
CP2B3_RAT	ATLDPNAPR EIDQVIGSQR	4%	491
CP2CB_RAT	VQEEIER ICAGEALAR DFIDCFLNK IQEEAQCLVEELR	7%	500
CP2CN_RAT	EALLQQGDEFGLR	2%	494
CP2D1_RAT	FSVSTLR CLGVKPR RFSVSTLR ACLGEPLAR SLEEWVTK YGDVFSLQK TTWDPAQPPR FGDIAPLNLPR FEYEDPYLIR NLTAFLAEVEK ALCNVIASLIFAR GNPESSFNDENLR VQQEIDEVIGQVR SQGVILASYGPEWR TFMALLDNLLAENR FHPEHFLDAQGNFVK	32%	504

CP2D3_RAT	IPGLADK FSVSTLR TWDPDQPPR HEAFMPFSAGR DETVWEKPLR GTTLIPNLSSVLK GVVLAPYGPEWR DLTDAFLAEIEK FADIVPMNLPHK GNPESSFNDANLR VQQEIDEVIGQVR	24%	500
CP2D4_RAT	RPEMADQAR HEAFMPFSAGR DETVWEKPLR GNPESSFNDENLR VQQEIDEVIGQVR MPFTNAVIHEVQR	14%	500
CP2DA_RAT	IPGLADK FSVSTLR TTWDPAQPPR FGDIAPLNLR HEAFMPFSAGR DETVWEKPLR FEYEDPYLIR NLTDAFLAEVEK GNPESSFNDENLR VQQEIDEVIGQVR	21%	504
CP2DQ_RAT	FSVSTLR SWDPAQPPR RPEMADQAR LNSFIALVDK HEAFMPFSAGR DETVWEKPLR GTTLIPNLSSVLK GVVLAPYGPEWR AVSNVIASLVYAR DMTDAFLAEMQK GNPESSFNDENLR VHEEIDEVIGQVR MPFTNAVIHEVQR FADIVPTNIPHMTSR	32%	500
UD16_RAT	NTILVK ACLLPAAR MACLLPAAR DSATLSFLR AMEIAEALGR YDFVFEYPRPVMNMFIFGGTNCK	10%	529

UD18_RAT	NTILVK AMEIAEALGR VWNHLSYMK	5%	530
UDB1_RAT	TPLVYSLR IVMNDPSYK ANVVASALAQIPQK	6%	529
UDB2_RAT	TPATLGPNTR IILDELVQR LLDVWTYELPR ANAIAWALAQIPQK FILPPSYVPVILSGLAGK	12%	530
UDB3_RAT	TPATLGPNTR TILDELVQR LVDVWTYELQR ANAIAWALAQIPQK	8%	530
UDB5_RAT	TILDELVQR ANAIAWALAQIPQK	4%	530
NCPR_RAT	LEQLGAQR IQTTAPPVK SDEDYLYR NPFLAAVTANR EVGETLLYYGCR	7%	678
ADH1_RAT	AHEVR GAIFGGFK GALLDGTSR LVADFMAK IDAAAPLDK INEAFDLLR	12%	376
CES3_RAT	IGASTQAAQR TPEEILAEK TEDELLETSLK DGASEEETNLSK TTTSAVMVHCLR QKTEDELLETSLK	9%	565

HYEP_RAT	LLAQDIR NEFDWR ASPPLEGSR IPLLTPDK KGLNSVATAR ELEDGGLER VETSDEEIK EDESIRPFK DIELLYPYK LISYSYMER GGHFAAFEEPK ENLGQGIMVHK SFYTMTPLLGQR VfVPTGFSAFPSELLHAPEK	30%	455
AAAD_RAT	TPTPGSLELAQK	3%	398
ARK72_RAT	QVETELLPCR	2%	367
ARK73_RAT	AAPMFGK TLKPADVR MDVTSSSASVR FYAFNPLAGLLTGR	12%	327
MGST1_RAT	VFANPEDCAGFGK	8%	155
GSTA1_RAT	QIEEAR FLQPGSQR AILNYIATK FIQSPEDLEK	15%	222
GSTA2_RAT	QIEEAR FLQPGSQR AILNYIATK LIQSPEDLEK	15%	222
GSTK1_RAT	ETTGAACK DEDITESQNILSAAEK	11%	226
GSTM1_RAT	FEGLK ADIVENQVMDNR	8%	218
GSTM2_RAT	FEGLK QPWFAGNK VDVLENQAMDTR HNLCGETEEERIR	17%	218
TPST1_RAT	DCLTKWNR ASVHSMISRK	5%	370
ST1A1_RAT	NTFTVAQNER	3%	291
THTR_RAT	ATLNR SGKVGPSLR VHQVLYR TVSVLNGGFR VLDASWYSPGTR TYEQVLENLQSK YLGTQPEPDAVGLDSGHIR	24%	297

FMO3_RAT	NAILTQWDR LQEYITSFATEK ASIYQSVFTNSSK SCLEEGLEPTCFER	9%	531
FMO5_RAT	GYPIDILLSSR	2%	533
CAH3_RAT	VVFDDTFDR GDNQSPIELHTK HDPSLQPWSVSYDPGSAK	15%	260
CATA_RAT	QWKEQR ARVANYQR LAQEDPDYGLR DAMLFPSFIHSQK EAETFPFNPFDLTK	10%	527
PRDX1_RAT	LVQAFQFTDK QITINDLPVGR	11%	199
ADO_RAT	HIQDIVAATLK MTWISPVTLLEELVEAK DLEPLILTIEEAIQHK	3%	1333
COMT_RAT	GQIMDAVIR YLPDTLLLEK	7%	264
GABT_RAT	NLLLAEVINIIK IDIPSFWDWPIAPFPR	5%	500
H2A1_RAT	AGLQFPVGR NDEELNKLLGK VTIAQGGVLPNIQAVLLPK	30%	130
H2A1C_RAT	AGLQFPVGR VTIAQGGVLPNIQAVLLPK	21%	130
H2AZ_RAT	AGKDSGK AVSRSQR AGLQFPVGR GDEELDSLIIK	25%	128
H2B1_RAT	EIQTA VR HAVSEGTK LLPGELAK ESYSVYVYK QVHPDTGISSK AMGIMNSFVNDIFER	44%	125
H2B1A_RAT	EIQTA VR HAVSEGTK LLPGELAK QVHPDTGISSK	28%	127
H4_RAT	VFLENVIR DAVITYTEHAK ISGLIYEETR DNIQGITKPAIR	38%	103

H12_RAT	AKKPAGAAK KATGTATPK ATGTATPKK AKKPAAAAGAK ALAAAGYDVEK GTGASGSFKLNK ASGPPVSELITK	33%	219
H33_RAT	STELLIR LPFQRLVR	11%	136
NUCB2_RAT	AATADLEQYDR QEYQQAVQQLEQK EVWEETDGLDPNDFDPK	10%	420
DNL1_RAT	GISLR QPLSR AARGMVDK LTGSASMAK GISLRFPR AVPESDSPVK	4%	918
XPO1_RAT	YYGLQILENVIK	1%	1071
IMB1_RAT	AAVENLPTFLVELSR	1%	875
TRI69_RAT	LPLLK ELQSLR WYWEIEVAK	4%	499
CK065_RAT	QEMAARIQK HIEDLCANSR	6%	305
LRC46_RAT	ATSSTQMASSSK	3%	323
RENBP_RAT	VALTIK QVWMYCR	3%	419
TSPY1_RAT	VTEVVDVK CSGAFARIK	5%	334
