

# **Design and construction of hydrophilic coating onto macroporous adsorbent resins for enrichment of glycopeptides**

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## **Experiment details**

### **Digestion of proteins**

Human serum was digested according to the protocol. Firstly, two milligrams of protein were dissolved in 1.0 mL of aqueous solution containing 8 M urea and 50 mM  $\text{NH}_4\text{HCO}_3$  (8.0, pH). The solution was treated with 20 mM DTT at 37 °C for 2 h and then 40 mM IAA at room temperature in darkness for 40 min. Next, the solution was treated with trypsin overnight at 37 °C with an enzyme/protein ratio of 1/25 (w/w) after it was diluted 8 folds by 50 mM Tris-HCl (7.8, pH). The digest was desalted using Oasis HLB SPE column (Waters, MA). Finally, the samples were all lyophilized and stored at -20°C for further analysis.

### **cLC-MS/MS analysis**

The sample was dissolved with water containing 0.1% FA before the cLC-MS/MS analysis. A trap column (4.0 cm × 200 μm i.d.) and a capillary analysis column (25.0 cm × 150 μm i.d.) were prepared in advance, packed with 5 μm and 3 μm C18-silica AQ beads, separately. The sample was firstly automatically injected into the trap column with mobile phase A (H<sub>2</sub>O/0.1% FA) for 10 min and then separated on the analysis column. The elute gradient was set as follows: 0–5% mobile phase B (ACN/0.1% FA) for 2 min; 5–35% B for 93 min; 35–80% B for 18 min; 80% B for 10 min; and finally equilibrating with 100% mobile phase A for 15 min. The flow rate was 600 nL/min. MS spectra were collected in the data-dependent mode. The spray voltage was set at 2.0 kV in the positive ion mode. The scan ranged from *m/z* 400 to 2000. The 20 most intense multiply charged ions were fragmented. System control and data collection were done by an Xcalibur software (Version 2.1, Thermo Fisher Scientific, USA).

The obtained data were searched on Mascot Daemon (version 2.5.1) against a UniProt reviewed human database. Mass tolerance of parent ions was set at 20 ppm and mass deviation of fragment ions at 0.8 Da. The false-discovery rates (FDRs) were controlled lower than 1%. Up to two missed cleavage sites were allowed. Deamidated (NQ) was selected as variable modification. Identification of *N*-glycopeptides was accomplished using the Armone 2.1 software.

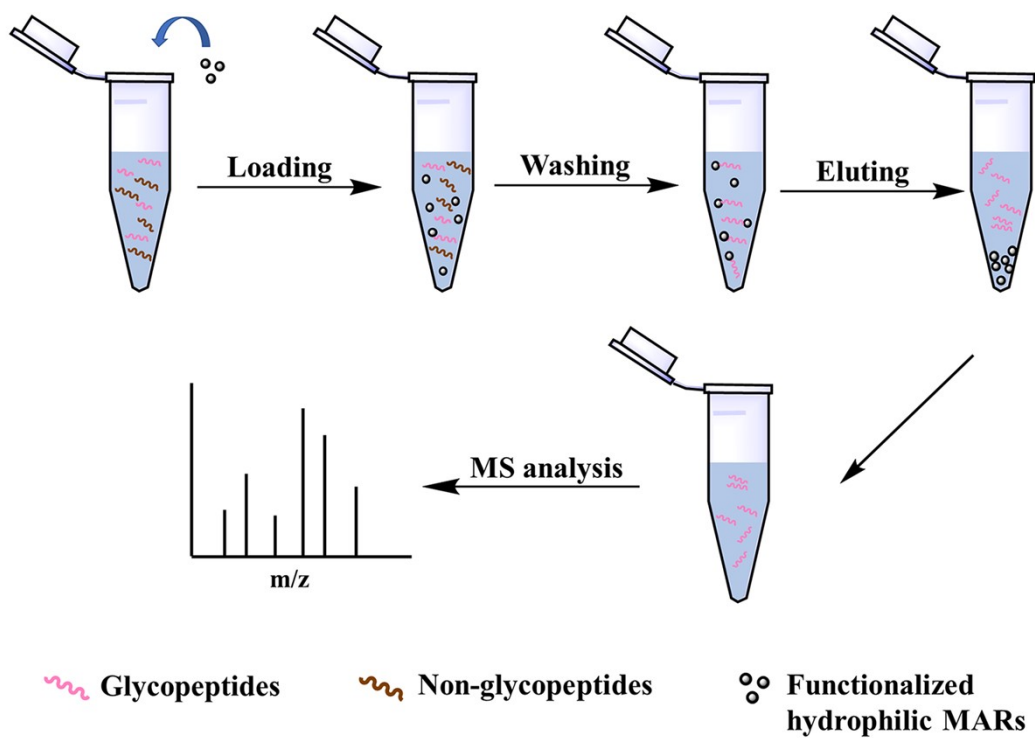


Fig. S1. Schematic diagram of HILIC enrichment of glycopeptides protocol

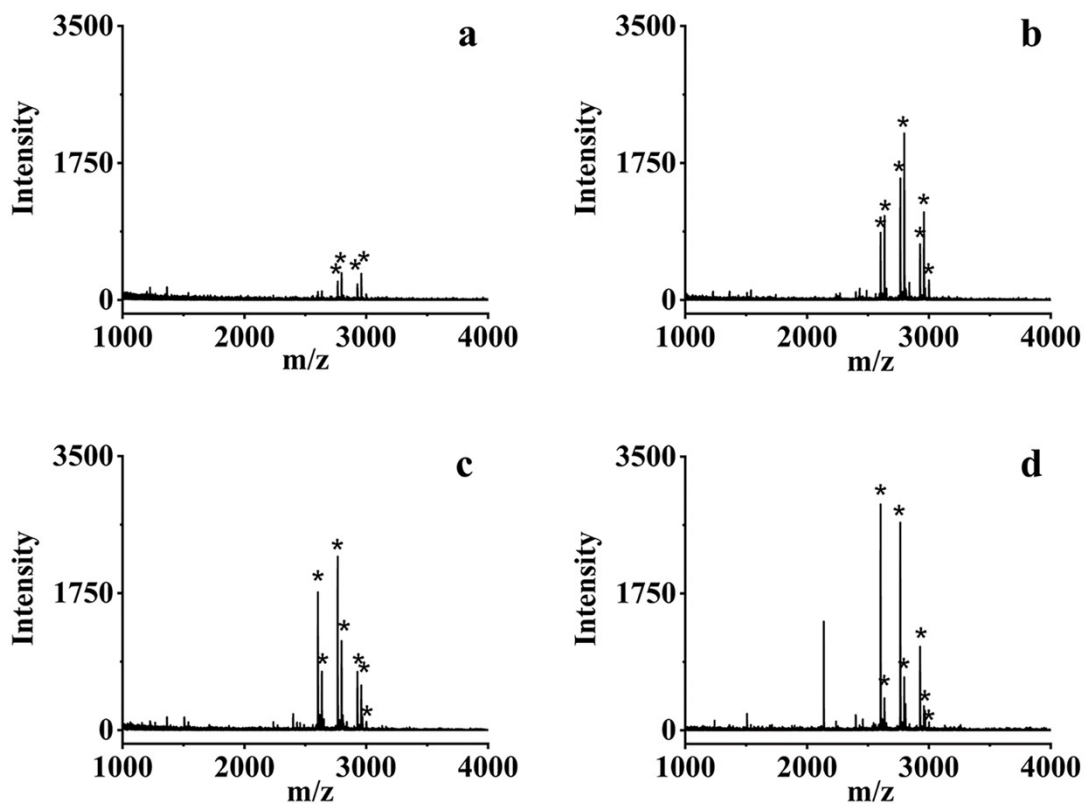


Fig. S2. MALDI-TOF MS analysis of enriched glycopeptides from 10  $\mu\text{g}$  of IgG digest by poly(MT)@MAR with different loading solution. (a) ACN/H<sub>2</sub>O/TFA (80/19/1, v/v/v), (b) ACN/H<sub>2</sub>O/TFA (83/16/1, v/v/v), (c) ACN/H<sub>2</sub>O/TFA (85/14/1, v/v/v) and (d) ACN/H<sub>2</sub>O/TFA (90/9/1, v/v/v). The bullet (\*) indicates glycopeptides

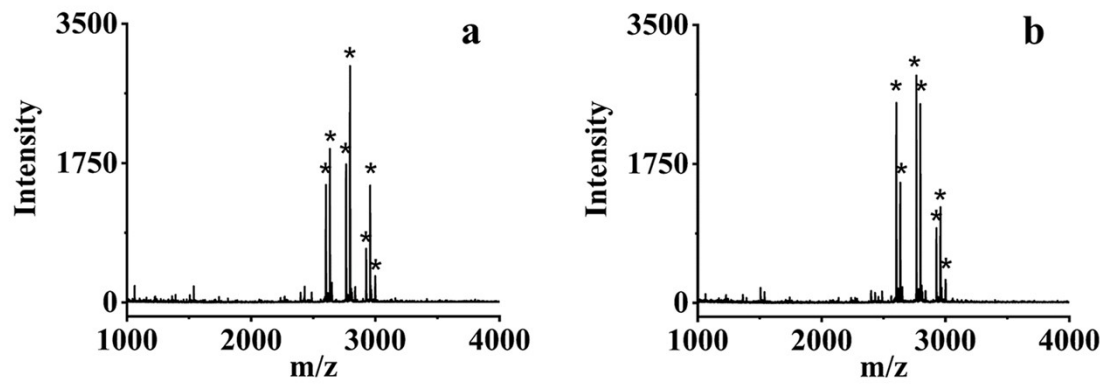


Fig. S3. MALDI-TOF MS analysis of enriched glycopeptides from 10  $\mu$ g of IgG digest by (a) poly(TC)@MAR and poly(IM)@MAR

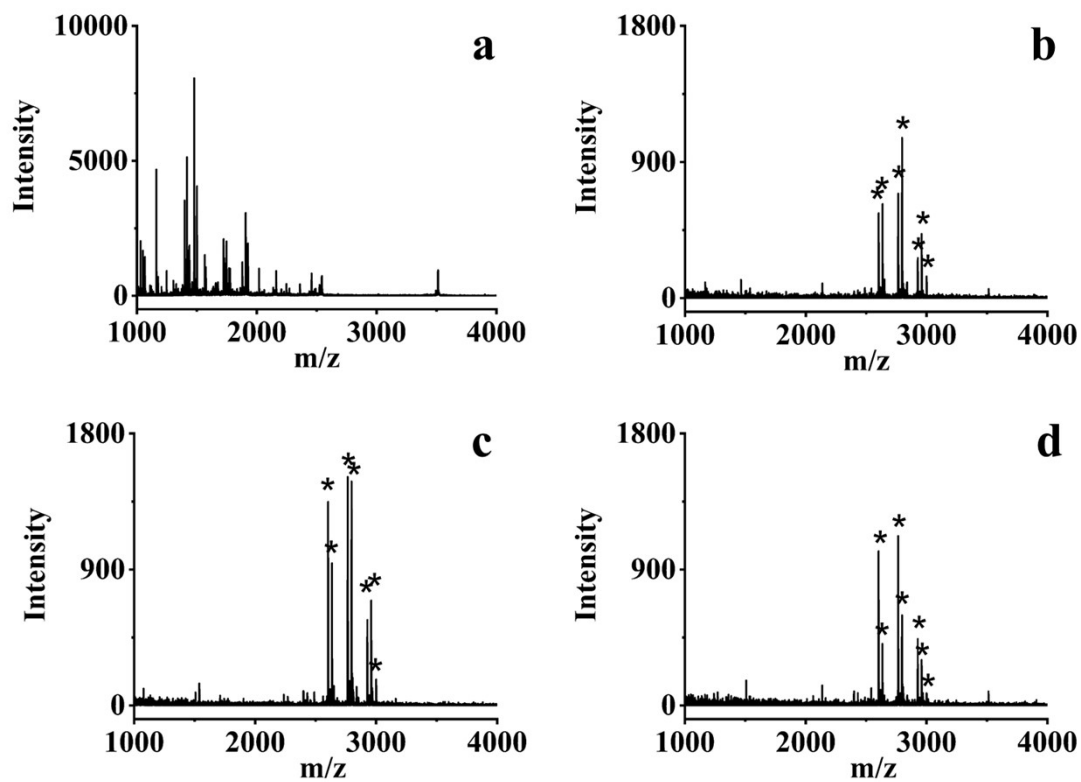


Fig. S4. MALDI-TOF MS analysis of enriched glycopeptides from the mixed digests of BSA and IgG by (a) direct analysis before enrichment (b) poly(MT)@MAR, (c) poly(TC)@MAR, (d) poly(IM)@MAR. The mass ratios of BSA digest to IgG digest were 5:1



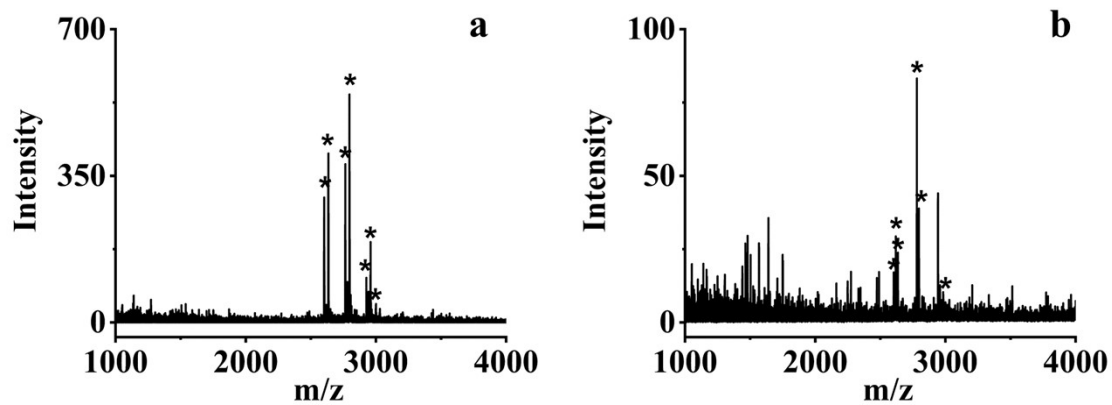


Fig. S5. MALDI-TOF MS analysis of enriched glycopeptides from the mixed digests of BSA and IgG by poly(TC)@MAR. The mass ratios of BSA digest to IgG digest were (a)100:1 and (b)1000:1 (The eluent was concentrated 20 times)

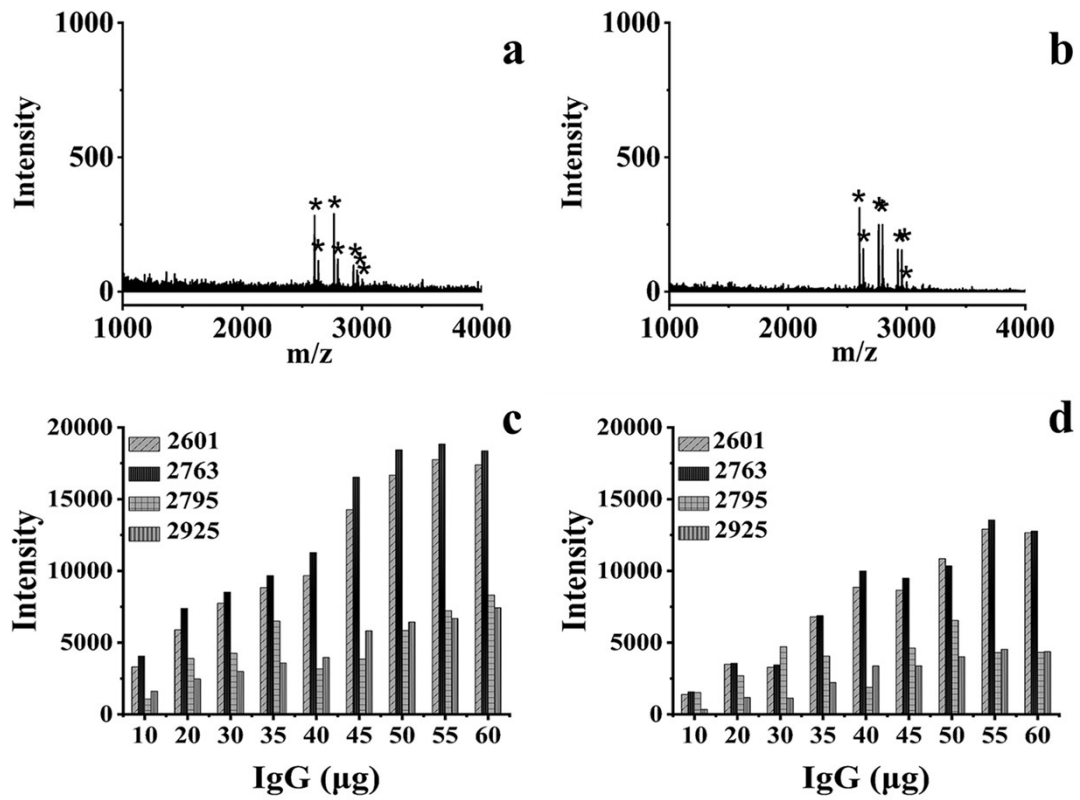


Fig. S6. MALDI-TOF MS analysis of enriched glycopeptides from 10 fmol of IgG digest by (a) poly(TC)@MAR and (b) poly(IM)@MAR, signal intensities of four selected *N*-glycopeptides enriched from different loading amounts of IgG digest by (c) poly(TC)@MAR, (d) poly(IM)@MAR, respectively

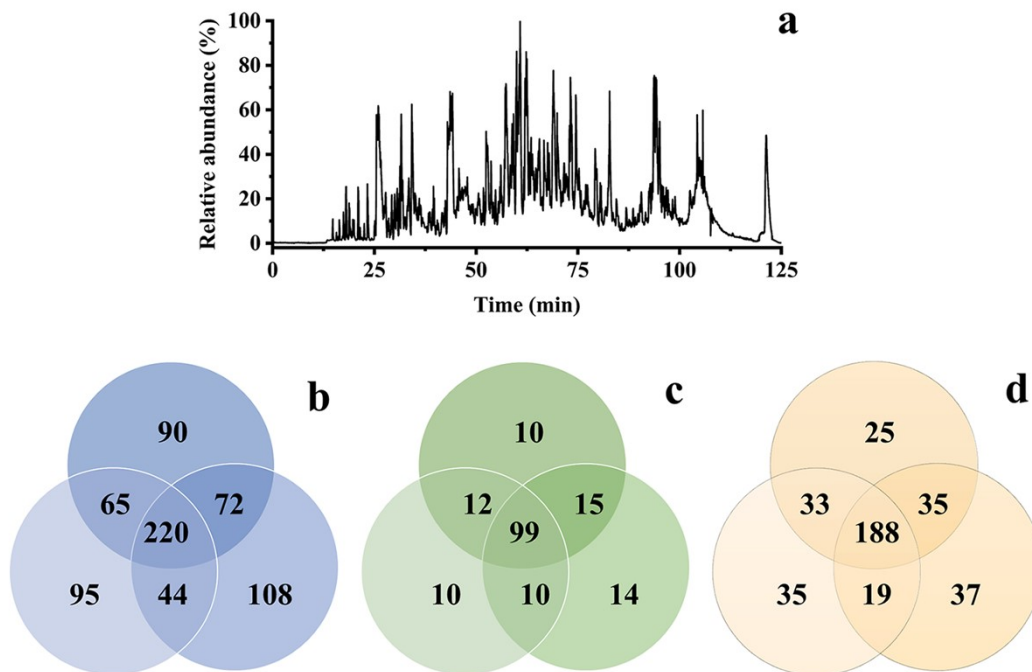


Fig. S7. Identification results of human serum digest after enrichment with poly(TC)@MAR by cLC-MS/MS. (a) Separation chromatogram, Venn diagrams of identified unique (b) *N*-glycopeptides, (c) *N*-glycoproteins and (d) *N*-glycosylation sites for three replicated experiments

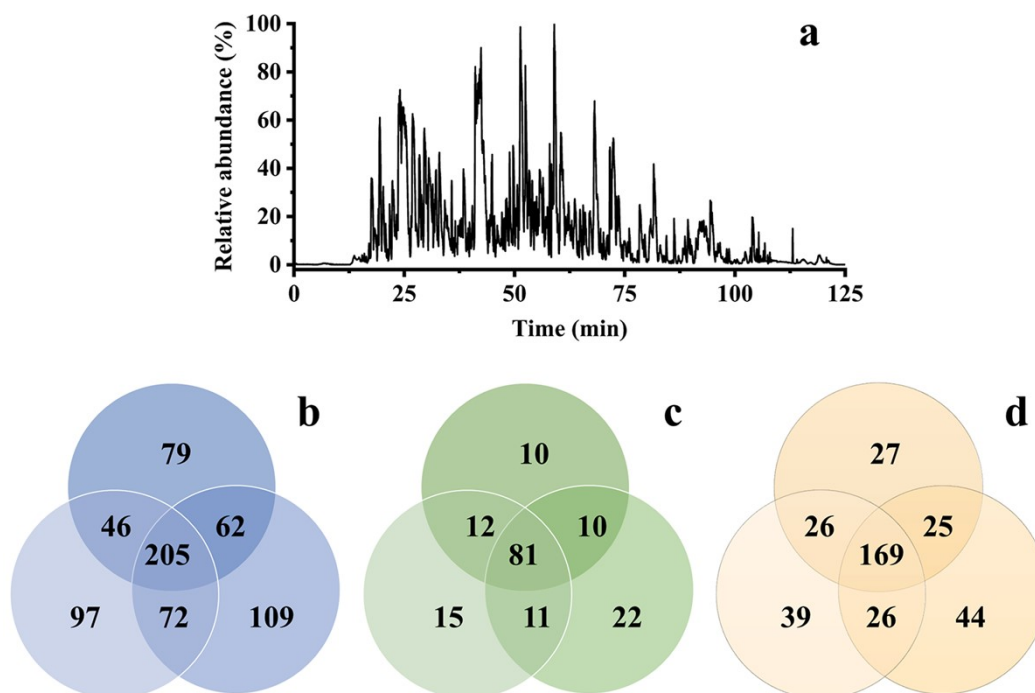


Fig. S8. Identification results of human serum digest after enrichment with poly(IM)@MAR by cLC-MS/MS. (a) Separation chromatogram, Venn diagrams of identified unique (b) *N*-glycopeptides, (c) *N*-glycoproteins and (d) *N*-glycosylation sites.

Table S1. *N*-glycopeptides enriched by poly(MT)MAR from 10 µg of IgG digest

Peak No.	m/z	Glycan composition	Amino acid sequence
I1	2238.077	[Hex]3[HexNAc]2[Fuc]1	EEQFN#STFR
I2	2269.125	[Hex]3[HexNAc]2[Fuc]1	EEQYN#STYR
I3	2399.162	[Hex]3[HexNAc]3[Fuc]1	EEQFN#STFR
I4	2431.260	[Hex]3[HexNAc]3[Fuc]1	EEQYN#STYR
I5	2488.178	[Hex]3[HexNAc]4	EEQYN#STYR
I6	2561.221	[Hex]4[HexNAc]3[Fuc]1	EEQFN#STFR
I7	2593.189	[Hex]4[HexNAc]3[Fuc]1	EEQYN#STFR
I8	2602.288	[Hex]3[HexNAc]4[Fuc]1	EEQFN#STFR
I9	2618.286	[Hex]4[HexNAc]4	EEQFN#STFR
I10	2634.259	[Hex]3[HexNAc]4[Fuc]1	EEQYN#STYR
I11	2650.303	[Hex]4[HexNAc]4	EEQYN#STYR
I12	2764.348	[Hex]4[HexNAc]4[Fuc]1	EEQFN#STFR
I13	2781.326	[Hex]5[HexNAc]4	EEQFN#STFR
I14	2796.347	[Hex]4[HexNAc]4[Fuc]1	EEQYN#STYR

I15	2805.336	[Hex]3[HexNAc]5[Fuc]1	EEQFN#STFR
I16	2812.298	[Hex]5[HexNAc]4	EEQYN#STYR
I17	2837.348	[Hex]3[HexNAc]5[Fuc]1	EEQYN#STYR
I18	2926.417	[Hex]5[HexNAc]4[Fuc]1	EEQFN#STFR
I19	2958.394	[Hex]5[HexNAc]4[Fuc]1	EEQYN#STYR
I20	2967.409	[Hex]4[HexNAc]5[Fuc]1	EEQFN#STFR
I21	2999.410	[Hex]4[HexNAc]5[Fuc]1	EEQYN#STYR
I22	3161.480	[Hex]5[HexNAc]5[Fuc]1	EEQYN#STYR
I23	3250.580	[Hex]5[HexNAc]4[Fuc]1[NeuAc]1	EEQYN#STYR

Table S2. *N*-glycopeptides enriched by poly(TC)MAR from 10 µg of IgG digest

Peak No.	m/z	Glycan composition	Amino acid sequence
I1	2235.922	[Hex]3[HexNAc]2[Fuc]1	EEQFN#STFR
I2	2267.904	[Hex]3[HexNAc]2[Fuc]1	EEQYN#STYR
I3	2397.874	[Hex]3[HexNAc]3[Fuc]1	EEQFN#STFR
I4	2429.896	[Hex]3[HexNAc]3[Fuc]1	EEQYN#STYR
I5	2486.874	[Hex]3[HexNAc]4	EEQYN#STYR
I6	2559.946	[Hex]4[HexNAc]3[Fuc]1	EEQFN#STFR
I7	2591.901	[Hex]4[HexNAc]3[Fuc]1	EEQYN#STFR
I8	2600.953	[Hex]3[HexNAc]4[Fuc]1	EEQFN#STFR
I9	2617.923	[Hex]4[HexNAc]4	EEQFN#STFR
I10	2632.924	[Hex]3[HexNAc]4[Fuc]1	EEQYN#STYR
I11	2648.903	[Hex]4[HexNAc]4	EEQYN#STYR
I12	2762.936	[Hex]4[HexNAc]4[Fuc]1	EEQFN#STFR
I13	2778.009	[Hex]5[HexNAc]4	EEQFN#STFR
I14	2794.926	[Hex]4[HexNAc]4[Fuc]1	EEQYN#STYR

I15	2804.920	[Hex]3[HexNAc]5[Fuc]1	EEQFN#STFR
I16	2810.875	[Hex]5[HexNAc]4	EEQYN#STYR
I17	2835.926	[Hex]3[HexNAc]5[Fuc]1	EEQYN#STYR
I18	2924.932	[Hex]5[HexNAc]4[Fuc]1	EEQFN#STFR
I19	2956.907	[Hex]5[HexNAc]4[Fuc]1	EEQYN#STYR
I20	2965.922	[Hex]4[HexNAc]5[Fuc]1	EEQFN#STFR
I21	2984.851	[Hex]5[HexNAc]5	EEQFN#STFR
I22	2997.883	[Hex]4[HexNAc]5[Fuc]1	EEQYN#STYR
I23	3127.901	[Hex]5[HexNAc]5[Fuc]1	EEQFN#STFR
I24	3159.922	[Hex]5[HexNAc]5[Fuc]1	EEQYN#STYR

Table S3. *N*-glycopeptides enriched by poly(IM)MAR from 10 µg of IgG digest

Peak No.	m/z	Glycan composition	Amino acid sequence
I1	2237.094	[Hex]3[HexNAc]2[Fuc]1	EEQFN#STFR
I2	2269.019	[Hex]3[HexNAc]2[Fuc]1	EEQYN#STYR
I3	2399.105	[Hex]3[HexNAc]3[Fuc]1	EEQFN#STFR
I4	2431.087	[Hex]3[HexNAc]3[Fuc]1	EEQYN#STYR
I5	2456.123	[Hex]3[HexNAc]4	EEQFN#STFR
I6	2488.121	[Hex]3[HexNAc]4	EEQYN#STYR
I7	2602.240	[Hex]3[HexNAc]4[Fuc]1	EEQFN#STFR
I8	2618.244	[Hex]4[HexNAc]4	EEQFN#STFR
I9	2634.222	[Hex]3[HexNAc]4[Fuc]1	EEQYN#STYR
I10	2650.203	[Hex]4[HexNAc]4	EEQYN#STYR
I11	2764.315	[Hex]4[HexNAc]4[Fuc]1	EEQFN#STFR
I12	2778.289	[Hex]5[HexNAc]4	EEQFN#STFR
I13	2796.292	[Hex]4[HexNAc]4[Fuc]1	EEQYN#STYR

I14	2805.330	[Hex]3[HexNAc]5[Fuc]1	EEQFN#STFR
I15	2812.312	[Hex]5[HexNAc]4	EEQYN#STYR
I16	2837.335	[Hex]3[HexNAc]5[Fuc]1	EEQYN#STYR
I17	2926.358	[Hex]5[HexNAc]4[Fuc]1	EEQFN#STFR
I18	2958.360	[Hex]5[HexNAc]4[Fuc]1	EEQYN#STYR
I19	2967.425	[Hex]4[HexNAc]5[Fuc]1	EEQFN#STFR
I20	2999.379	[Hex]4[HexNAc]5[Fuc]1	EEQYN#STYR
I21	3161.492	[Hex]5[HexNAc]5[Fuc]1	EEQYN#STYR

Table S4. *N*-glycopeptides enriched by poly(MT)@MAR from 2  $\mu$ L of human serum digest

Site	Protein	Modified Sequence
N271	P01009	K.YLGN*ATAIFFLPDEGK.L
N271	P01009	K.YLGN*ATAIFFLPDEGKLQHLENELTHDIITK.F
N271	P01009	K.YLGN*ATAIFFLPDEGKLQHLEN*ELTHDIITK.F
N107	P01009	K.ADTHDEILEGLNFN*LTEIPEAQIHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLNFN*LTEIPEAQ*IHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQELLR.T
N2982	P04114	R.VNQNLVYESGSLN*FSK.L
N3411	P04114	K.FVEGSHN*STVSLTTK.N
N983	P04114	K.QVFPGLNYCTSGAYSN*ASSTDSASYPLTGDTR.L
N3895	P04114	R.FEVDSPVYN*ATWSASLK.N
N2239	P04114	K.TIHDLHLFIENIDFN*K.S
N3336	P04114	K.ELCTISHIFIPAM#GN*ITYDFSFK.S

Site	Protein	Modified Sequence
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSAN*EAGIAASITAK.G
N2779	P04114	K.IQ*SPLFTLDANADIGN*GTTSANEAGIAASITAK.G
N1523	P04114	R.FN*SSYLQGTN*QITGR.Y
N1523	P04114	R.FN*SSYLQGTNQITGR.Y
N3465	P04114	K.YDFN*SSM#LYSTAK.G
N869	P01023	K.SLGN*VN*FTVSAEAELESQ*ELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGNVN*FTVSAEAELESQELCGTEVPSVPEHGRK
N869	P01023	K.SLGN*VN*FTVSAEAELESQ*ELCGTEVPSVPEHGR.K
N869	P01023	K.SLGNVN*FTVSAEAELESQ*ELCGTEVPSVPEHGR.K
N410	P01023	R.GNEANYYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSINTTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEAN*YYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N55	P01023	K.GCVLLSYLN*ETVTVSASLESVR.G
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSINTTN*VMGTSLTVR.V
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N85	P01024	K.TVLTPATNHMGN*VTFTIPANR.E
N85	P01024	K.TVLTPATN*HMGN*VTFTIPANR.E
N85	P01024	K.TVLTPATNHM#GN*VTFTIPANR.E
N128	P01008	K.LGACN*DTLQQLM#EVFK.F
N128	P01008	K.LGACN*DTLQQLM#EVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQQ*LM#EVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQ*QLM#EVFKFDTISEK.T
N187	P01008	R.LFGDKSLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQQLMEVFK.F
N128	P01008	K.LGACN*DTLQQLMEVFKFDTISEK.T
N187	P01008	K.SLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQQ*LMEVFK.F



Site	Protein	Modified Sequence
N128	P01008	K.LGACN*DTLQQ*LMEVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQ*QLMEVFK.F
N224	P01008	K.WVSN*KTEGR.I
N180	P01857	R.EEQYN*STYR.V
N180	P01857	K.TKPREEQYN*STYR.V
N180	P01857	R.EEQ*YN*STYR.V
N209	P01871	R.GLTFQQN*ASSMCVDPQDTAIR.V
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N209	P01871	R.GLTFQQN*ASSMCVDPQ*DTAIR.V
N209	P01871	R.GLTFQQ*N*ASSMCVDPQDTAIR.V
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N440	P01871	K.STGKPTLYN*VSLVM#SDTAGTCY.-
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N209	P01871	R.GLTFQQ*N*ASSMCVDPQ*DTAIR.V
N440	P01871	K.STGKPTLYN*VSLVMSDTAGTCY.-
N46	P01871	K.YKN*NSDISSTR.G
N46	P01871	K.YKN*N*SDISSTR.G
N209	P01871	R.GLTFQQN*ASSM#CVPDQDTAIR.V
N209	P01871	R.GLTFQQ*N*ASSM#CVPDQDTAIR.V
N209	P01871	R.GLTFQ*QN*ASSM#CVPDQ*DTAIR.V
N118	P02766	K.ALGISPFHEHAEVVFTAN*DSGPR.R
N241	P00738	K.VVLHPN*YSQVDIGLIK.L
N241	P00738	K.VVLHPN*YSQ*VDIGLIK.L
N184	P00738	K.M#VSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQ*WLLTTAK.N
N184	P00738	K.M#VSHHN*LTTGATLIN*EQ*WLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLIN*EQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLIN*EQ*WLLTTAK.N
N211	P00738	K.NLFLNHSEN*ATAK.D
N207	P00738	K.NLFLN*HSENATAK.D
N207	P00738	K.NLFLN*HSEN*ATAK.D
N211	P00738	K.NLFLN*HSEN*ATAK.D
N226	P0C0L4	R.FSDGLESN*SSTQFEVK.K
N1391	P0C0L4	K.N*TTCQDLQIEVTVK.G
N1391	P0C0L4	K.N*TTCQ*DLQIEVTVK.G
N1328	P0C0L4	R.GLN*VTLSSSTGR.N
N1328	P0C0L4	R.GLN*VTLSSSTGRN*GFK.S
N127	P01011	R.TLN*Q*SSDELQLSM#GN*AMFVK.E

Site	Protein	Modified Sequence
N271	P01011	K.YTGN*ASALFILPDQDK.M
N106	P01011	K.FN*LTETSEAEIHQSFQHLLR.T
N271	P01011	K.YTGN*ASALFILPDQDKMEEVEAMLLPETLKR.W
N127	P01011	R.TLN*QSSDELQLSMGNAMFVK.E
N127	P01011	R.TLN*Q*SSDELQLSMGNAMFVK.E
N340	P01876	R.LAGKPTHVN*VSVVM#AEVDGTCY.-
N340	P01876	R.LAGKPTHVN*VSVVMAEVDGTCY.-
N144	P01876	R.LSLHRPALEDLLLGSEAN*LTCTLTGLR.D
N430	P02751	R.GGNSNGALCHFPFLYNN*HN*YTDCTSEGR.R
N430	P02751	R.GGN*SNGALCHFPFLYNNHN*YTDCTSEGR.R
N1007	P02751	K.LDAPTNLQFVN*ETDSTVLVR.W
N1007	P02751	K.LDAPTN*LQFVN*ETDSTVLVR.W
N542	P02751	R.HEEGHM#LN*CTCFGQGR.G
N542	P02751	K.RHEEGHMLN*CTCFGQGR.G
N542	P02751	R.HEEGHMLN*CTCFGQGR.G
N432	P02787	K.CGLVPVLAENYN*K.S
N453	P02790	K.ALPQPQN*VTSLLGCTH.-
N453	P02790	K.ALPQPQ*N*VTSLLGCTH.-
N240	P02790	R.GHGHNR*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.GHGHNR*GTGHGN*STHHGPEYM#R.C
N240	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N240	P02790	R.GHGHNR*GTGHGN*STHHGPEYMR.C
N246	P02790	R.GHGHNR*GTGHGN*STHHGPEYMR.C
N240	P02790	R.N*GTGHGN*STHHGPEYMR.C
N246	P02790	R.N*GTGHGN*STHHGPEYMR.C
N246	P02790	R.NGTGHGN*STHHGPEYM#R.C
N187	P02790	R.SWPAVGN*CSSALR.W
N762	P00450	K.ELHHLQEQN*VSN AFLDKGEFYIGSK.Y
N397	P00450	K.EN*LTAPGSDSAVFFEQGTTR.I
N358	P00450	K.AGLQAFFQVQECN*K.S
N762	P00450	K.ELHHLQ*EQ*N*VSN*AFLDKGEFYIGSK.Y
N397	P00450	K.EN*LTAPGSDSAVFFEQ*GTTR.I
N358	P00450	K.AGLQ*AFFQVQECN*K.S
N138	P00450	K.EHEGAIYPD*TTDFQR.A
N762	P00450	K.ELHHLQEQN*VSN AFLDK.G
N253	P05155	R.VLSN*NSDANLELINTWVAK.N
N352	P05155	K.VGQLQLSHN*LSLVILVPQNLK.H
N238	P05155	R.DTFVN*ASR.T
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQ*SK.G

Site	Protein	Modified Sequence
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQSK.G
N86	P04004	K.N*N*ATVHEQVGGPSLTSDLQAQSK.G
N802	P08603	R.WDPEVN*CSM#AQIQLCPPPPQIPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQIQLCPPPPQIPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVNC SMAQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHNMTTTLN*YR.D
N911	P08603	R.ISEEN*ETTCYM#GK.W
N1029	P08603	K.M#DGASN*VTCINSR.W
N1029	P08603	K.MDGASN*VTCINSR.W
N882	P08603	K.IPCSQPPQIEHGTIN*SSR.S
N911	P08603	R.ISEEN*ETTCYMGK.W
N1029	P08603	K.MDGASN*VTCIN*SR.W
N882	P08603	K.IPCSQPPQ*IEHGTIN*SSR.S
N882	P08603	K.IPCSQ*PPQIEHGTIN*SSR.S
N103	P10909	K.LKELPGVCN*ETMMALWEECKPCLK.Q
N103	P10909	K.ELPGVCN*ETMMALWEECKPCLK.Q
N291	P10909	R.HN*STGCLR.M
N354	P10909	K.M#LN*TSSLLEQLNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQLNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQ*LNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQLN*EQFNWVSR.L
N86	P10909	K.EDALN*ETR.E
N374	P10909	R.LAN*LTQGEDQYYLR.V
N374	P10909	R.LAN*LTQ*GEDQYYLR.V
N183	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N183	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N162	P02749	R.VYKPSAGN*NSLYR.D
N162	P02749	R.VYKPSAGN*N*SLYR.D
N253	P02749	K.LGN*WSAM#PSCK.A
N253	P02749	K.LGN*WSAMPSCK.A
N517	Q14624	K.LPTQN*ITFQTESSVAEQEAEFQSPK.Y
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQ*EAEFQSPK.Y
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQEAEFQSPK.Y
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQEAEFQSPK.Y
N577	Q14624	R.N*Q*ALN*LSLAYSFVTPLTSMVVTKPDDQEQ*SQ*VAEKPMEGESR.N
N517	Q14624	K.LPTQN*ITFQTESSVAEQ*EAEFQSPK.Y
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQEAEFQ*SPK.Y
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQ*EAEFQSPK.Y
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNMNK.N

Site	Protein	Modified Sequence
N285	P19827	K.ICDLLVANNHFAHFFAPQ*N*LTNMNK.N
N285	P19827	R.DKICDLLVAN*N*HFAHFFAPQ*N*LTNMNK.N
N285	P19827	K.ICDLLVAN*N*HFAHFFAPQN*LTNMN*K.N
N125	P04196	R.VIDFN*CTTSSVSSALAN*TK.D
N125	P04196	R.VIDFN*CTTSSVSSALANTK.D
N344	P04196	R.HSHNN*NSSDLHPHK.H
N345	P04196	R.HSHNNN*SSDLHPHK.H
N169	P01042	R.HGIQYFNN*N*TQ*HSSLFMLNEVK.R
N294	P01042	K.LNAENN*ATFYFK.I
N294	P01042	K.LNAEN*N*ATFYFK.I
N205	P01042	R.ITYSIVQTN*CSK.E
N383	O75882	R.EWLPLN*R.S
N428	O75882	R.VFHIHN*ESWVLLTPK.A
N1198	O75882	R.DLDMFIN*ASK.N
N1043	O75882	K.MPSQAPTGNFYQPPLLN*SSMCLEDSR.Y
N1073	O75882	K.CIN*QSICEK.C
N914	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N923	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N264	O75882	K.ISN*SSDTVECECSENWK.G
N731	O75882	R.N*HSCSEGQISIFR.Y
N252	P51884	R.LSHN*ELADSGIPGN*SFN*VSSLVELDLSYNK.L
N160	P51884	K.LGSFEGLVN*LTFIHLQHNR.L
N252	P51884	R.LSHNELADSGIPGN*SFN*VSSLVELDLSYNK.L
N88	P51884	K.AFEN*VTDLQ*WLILDHN*LLENSK.I
N88	P51884	K.AFEN*VTDLQWLILDHNLLENSK.I
N127	P51884	K.KLHINHNN*LTESVGPLPK.S
N127	P51884	K.KLHINHNN*N*LTESVGPLPK.S
N127	P51884	K.LHINHNN*LTESVGPLPK.S
N127	P51884	K.LHIN*HNN*LTESVGPLPK.S
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N221	P04003	R.FSLLGHASISCTVEN*ETIGVWRPSPPTCEK.I
N528	P04003	R.LSVDKDQ*YVEPENVTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N143	P00734	R.SRYPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQ*ENFCR.N

Site	Protein	Modified Sequence
N143	P00734	R.SRYPHKPEIN*STTHPGADLQ*EN*FCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQ*EN*FCR.N
N118	P19823	K.GAFISN*FSM#TVDGK.T
N118	P19823	K.GAFISN*FSMTVDGK.T
N49	P05546	K.N*LSM#PLLPADFHK.E
N49	P05546	K.N*LSMPLLPADFHK.E
N188	P05546	K.DFVN*ASSK.Y
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAKLEVK.F
N65	P05090	R.CIQAN*YSLM#EN GK.I
N65	P05090	R.CIQAN*YSLMENGK.I
N98	P05090	R.ADGTVN*QIEGEATPVN*LTEPAK.L
N65	P05090	R.CIQAN*YSLMEN*GK.I
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAK.L
N308	P00747	R.GNVAVTVSGHTCQHWSAQTPHHTN*R.T
N156	P02765	K.VCQDCPLLAPLN*DTR.V
N176	P02765	K.AALAAFNAQNN*GSNFQLEEISR.A
N156	P02765	R.KVCQDCPLLAPLN*DTR.V
N93	P02763	R.QDQCIYN*TTYLNVQR.E
N56	P02763	K.WFYIASAFRN*EEYN*K.S
N93	P02763	R.QDQCIYN*TTYLN*VQR.E
N109	P43652	K.HN*FSHCCSK.V
N402	P43652	R.YAEDKFN*ETTEK.S
N33	P43652	R.DIENFN*STQK.F
N324	P27169	K.VTQVYAEN*GTVLQGSTVASVYK.G
N324	P27169	K.VTQ*VYAEN*GTVLQ*GSTVASVYK.G
N324	P27169	K.VTQVYAEN*GTVLQ*GSTVASVYK.G
N253	P27169	K.HAN*WTLTPLK.S
N128	P25311	R.FGCEIENN*R.S
N128	P25311	R.FGCEIEN*N*R.S
N109	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N112	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N112	P25311	K.DIVEYYNDSN*GSHVLQGR.F
N109	P25311	K.DIVEYYN*DSNGSHVLQGR.F
N70	P05156	K.N*GTAVCATNR.R
N103	P05156	K.FLNN*GTCTAEGK.F
N103	P05156	K.FLN*N*GTCTAEGK.F
N177	P05156	K.LSDLSIN*STECLHVHCR.G
N146	P02745	R.RNPPM#GGNVVIFDTVITNQEEPYN*HSGR.F
N146	P02745	R.RNPPMGGNVVIFDTVITNQEEPYN*HSGR.F
N146	P02745	R.NPPMGGNVVIFDTVITN*QEEPYN*HSGR.F

Site	Protein	Modified Sequence
N146	P02745	R.RN*PPM#GGNVVIFDTVITNQEEPQ*N*HSGR.F
N406	P09871	R.YTCEEPYYMEN*GGGGEYHCAGN*GSWVN*EVLGPELPK.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPNYPKYPENSR.C
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPN*YPKYPEN*SR.C
N170	P01019	R.LQAILGVPWKDKN*CTSR.L
N580	Q08380	R.TVIRPFYLTN*SSGVD.-
N125	Q08380	R.DAGVVCTN*ETR.S
N551	Q08380	K.AAIPALDTN*SSK.S
N398	Q08380	K.GLN*LTEDTYKPR.I
N192	Q08380	K.EPGSN*VTMSVDAECVPMVR.D
N174	P49908	K.CGN*CSLTTLK.D
N174	P49908	K.KCGN*CSLTTLKDEDFCK.R
N174	P49908	K.CGN*CSLTTLKDEDFCKR.V
N174	P49908	K.CGN*CSLTTLKDEDFCK.R
N83	P49908	K.EGYSN*ISYIVVN*HQ*GISSR.L
N165	P05543	K.TLYETEVFSTDFSN*ISAAK.Q
N36	P05543	K.VTACHSSQPN*ATLYK.M
N437	P07357	R.GGSSGWSGGLAQN*R.S
N453	P03952	R.IYSGILN*LSDITK.D
N308	P03952	K.IYPGVDFGGEELN*VTFVK.G
N396	P03952	R.IVGGTN*SSWGEWPWQVSLQVK.L
N321	P80108	R.NIN*YTER.G
N659	P80108	K.LGTSLSSGHVLM#N*GTLK.Q
N659	P80108	K.LGTSLSSGHVLMN*GTLK.Q
N307	P80108	R.N*LTTSLTESVDR.N
N108	P29622	R.SQILEGLGFN*LTELSESDVHR.G
N157	P29622	K.FLN*DTM#AVYEAK.L
N651	P06681	K.TMFPN*LTDVR.E
N112	P06681	R.LGSYPVGGN*VSFECEDGFILR.G
N621	P06681	K.QSVPAHFVALN*GSK.L
N467	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N471	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N348	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N359	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N359	P22792	K.LYLGSN*NLALHPALFQN*LSK.L
N74	P22792	R.AFGSNPN*LTK.V
N1067	P07996	K.VVN*STTGPEHLR.N
N360	P07996	K.KVSCPIMPCSN*ATVPDGECCPR.C
N360	P07996	K.VSCPIMPCSN*ATVPDGECCPR.C
N135	O95445	K.TELFSSSCPGGIM#LN*ETGQGYQR.F
N135	O95445	K.TELFSSSCPGGIMLN*ETGQGYQR.F

Site	Protein	Modified Sequence
N135	O95445	K.TELFSSSSCPGGIMLN*ETGQGYQ*R.F
N2790	P04275	R.TEPMQ*VALHCTN*GSVVYHEVLNAMECK.C
N2223	P04275	R.HCDGN*VSSCGDHPSEGCF CPPDK.V
N1515	P04275	K.IGEADFN*R.S
N2357	P04275	R.GLQPTLTNPGE CRPN*FTCACR.K
N203	P43251	R.YQFNTNVVFSNN*GTLVDR.Y
N119	P43251	K.DVQIIVFPEDGIHGFN*FTR.T
N349	P43251	K.N*PVGLIGAEN*ATGETDPSHSK.F
N349	P43251	K.NPVGLIGAEN*ATGETDPSHSK.F
N580	Q06033	R.KNAHGEEKEN*LTAR.A
N580	Q06033	K.NAHGEEKEN*LTAR.A
N580	Q06033	K.N*AHGEEKEN*LTAR.A
N369	P08185	K.AVLQLNEEGVDTAGSTGVTLN*LTSKPIILR.F
N369	P08185	K.AVLQLN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N96	P08185	R.AQLLQGLGFN*LTER.S
N64	P20851	K.KTLFCN*ASK.E
N64	P20851	K.TLFCN*ASK.E
N98	P20851	R.LGHCPDPVLVNGEFSSSGPVN*VSDK.I
N98	P20851	R.LGHCPDPVLVN*GEFSSSGPVN*VSDK.I
N285	P00751	K.IVLDPSGSM#N*IYLVLDGSDSIGASN*FTGAK.K
N85	P06276	K.WSDIWN*ATK.Y
N514	P06276	K.YGNPNETQNN*STSWPVFK.S
N369	P06276	K.DN*NSIITR.K
N284	P06276	R.EN*ETEIK.C
N840	Q13201	R.KYQQN*MSHLEEK.L
N431	Q13201	K.VN*ESVVSIAAQK.F
N344	Q13201	K.KIDN*ISLTVNDVR.N
N981	Q13201	K.TQAALSN*LTCCIDR.S
N126	P03951	K.GINYN*SSVAK.S
N491	P03951	K.LETTVN*YTDSQRPICLPSKGDR.N
N491	P03951	K.LETTVN*YTDSQRPICLPSK.G
N450	P03951	R.VYSGILN*QSEIK.E
N444	Q16610	K.HIPGLIHN*MTAR.C
N186	P02750	R.KLPPGLLAN*FTLLR.T
N325	P02750	K.M#FSQN*DTR.C
N325	P02750	K.MFSQN*DTR.C
N367	Q96PD5	R.LEPVHLQLQCM#SQEQLAQVAAN*ATK.E
N485	Q96PD5	R.GFGVAIVGN*YTAALPTEAALR.T
N71	P01591	R.EN*ISDPTSPLR.T
N71	P01591	R.IIVPLNNREN*ISDPTSPLR.T
N324	P13671	K.VLN*FTTK.A

Site	Protein	Modified Sequence
N514	P00736	K.EHEAQSN*ASLDVFLGHTNVEELMK.L
N221	P00736	R.CN*YSIR.V
N75	Q9Y6R7	R.LLISSLSESPASVSILSQ*ADN*TSK.K
N98	P23142	R.CATPHGDN*ASLEATFVK.R
N150	O14786	K.RGPECSQN*YTTPSGVIK.S
N522	O14786	K.IGYSNN*GSDWK.M
N150	O14786	R.GPECSQN*YTTPSGVIK.S
N93	P19652	R.QNQCFYN*SSYLNVR.E
N73	Q96IY4	K.QVHFFVN*ASDVDNVK.A
N189	O75636	R.VELEDFNGN*R.T
N189	O75636	R.VELEDFN*GN*R.T
N396	P04278	R.SHEIWITHSCPQSPGN*GTDASH.-
N380	P04278	R.LDVDQALN*R.S
N196	Q9UHG3	K.LLHALGGDDFLGM#LN*R.T
N196	Q9UHG3	K.LLHALGGDDFLGMLN*R.T
N49	P13473	K.WQMN*FTVR.Y
N257	P13473	K.VASVININPN*TTHSTGSCR.S
N243	P07358	K.EYESYDFERN*VTEK.M
N128	P15144	K.KLN*YTLSQGHR.V
N234	P15144	K.AEFN*ITLIHPK.D
N181	P40197	K.LLDLSGNN*LTHLPK.G
N44	P04180	K.AELSN*HTRPVILVPGCLGNQLEAK.L
N180	Q9UK55	K.ETFFN*LSK.R
N295	Q9UK55	K.LPYQGN*ATMLVVLMEK.M
N162	P05160	K.EHETCLAPELYN*GN*YSTTQK.T
N545	P05160	K.HGVIISSSTVDTYEN*GSSVEYR.C
N104	P14151	K.IGGIWTWVGTN*K.S
N60	P14151	R.FCRDN*YTDLVAIQNK.A
N78	P41222	K.SVVAPATDGGLN*LTSTFLR.K
N51	P41222	R.WFSAGLASN*SSWLR.E
N421	P01833	R.LSLLEEPGN*GTFTVILNQLTSR.D
N110	Q8IUK8	R.STNHEPSEM#SN*R.T
N110	Q8IUK8	R.STNHEPSEMSN*R.T
N143	P55058	K.VSN*VSCQASVSR.M
N31	Q9H079	K.ISN*FTN*KN*MK.E
N845	Q9H8L6	K.FN*TTYINIGSSYPPEHGYFR.A
N368	P35858	K.AGAFLGLTNVAVMN*LSGNCLR.N
N382	Q96KN2	R.LVPHMN*VSAVEK.Q
N108	Q02985	K.FVQGN*STEVACHPGYGLPK.A
N1115	Q7Z7M0	R.GYQGDGISHCN*R.T
N257	P11597	K.N*VSEDLPLPTFSPDLLGDSR.M



Site	Protein	Modified Sequence
N619	Q2TV78	K.GTGN*DTVLNVALLN*VISNQEENIK.H
N153	P13598	R.GN*ETLHYETFGK.A
N160	Q9HDC9	R.AGPN*GTLFVADAYK.G
N592	Q16853	R.YLYLASN*HSNK.W
N241	Q16620	K.HMN*ETSHTQGSLR.I
N282	P08571	R.CMWSSALNSLN*LSFAGLEQVPK.G
N116	P17936	R.GLCVN*ASAVSR.L
N433	P00748	R.N*HSCEPCQTLAVR.S
Site		Modified Sequence
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAMLSLGTK.A
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQ*ELLR.T
N185	P04114	K.QVLFLDVTYGN*CSTHFTVK.T
N983	P04114	K.QVFPGLN*YCTSGAYSN*ASSTDSASYYPPLTGDTR.L
N2779	P04114	K.IQSPLFTLDANADIGN*GTTSANEAGIAASITAK.G
N4431	P04114	K.DFHSEYIVSASN*FTSQLSSQVEQFLHR.N
N4237	P04114	K.VHN*GSEILFSYFQDLVITLPEL.R
N869	P01023	K.SLGNVN*FTVSAEALQELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGN*VN*FTVSAEALQELCGTEVPSVPEHGRK
N410	P01023	R.GN*EAN*YYSNATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N128	P01008	K.LGACN*DTLQ*Q*LMEVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQ*QLMEVFKFDTISEK.T
N209	P01871	R.GLTFQ*Q*N*ASSMCVPDQ*DTAIR.V
N209	P01871	R.GLTFQ*Q*N*ASSMCVPDQDTAIR.V
N279	P01871	K.THTNISESHPN*ATFSAVGEASICEDDWN*SGER.F
N209	P01871	R.GLTFQ*QN*ASSMCVPDQDTAIR.V
N184	P00738	K.M#VSHHN*LTGATLIN*EQWLLTTAK.N
N432	P02787	K.CGLVPVLAEN*YN*K.S
N630	P02787	R.QQQLHFGSN*VTDCSGN*FCLFR.S
N240	P02790	R.N*GTGHGNSTHHGPEYM#R.C
N802	P08603	R.WDPEVN*CSM#AQ*IQLCPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQ*IQLCPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSM#AQIQLCPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQIQLCPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPQ*IPNSHN#TTTLN.YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPQ*IPNSHNMTTTLN.YR.D
N1095	P08603	R.SPYEMFGDEEVMCLN*GN*WTEPPQCK.D
N1095	P08603	R.SPYEMFGDEEVMCLN*GN*WTEPPQ*CK.D

Site	Protein	Modified Sequence
N217	P08603	K.SPDVIN*GSPISQK.I
N352	P05155	K.VGQLQ*LSHN*LSLVILVPQNLK.H
N253	P05155	R.VLSN*N*SDANLELINTWVAK.N
N106	P01011	K.FN*LTETSEAEIHQ*SFQHLLR.T
N186	P01011	K.LINDYVKN*GTR.G
N517	Q14624	K.LPTQ*N*ITFQ*TESSVAEQEAEFQ*SPK.Y
N81	Q14624	K.KAFITN*FSMIIDGMTYPGIK.E
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQ*EAEFQ*SPK.Y
N517	Q14624	K.LPTQN*ITFQTESSVAEQEAEFQ*SPK.Y
N528	P02751	R.DQCIVDDITYNVN*DTFHK.R
N1007	P02751	K.LDAPTNLQ*FVN*ETDSTVLVR.W
N374	P10909	R.LAN*LTQGEDQ*YYLR.V
N103	P10909	K.ELPGVCN*ETM#MALWEECKPCLK.Q
N86	P10909	K.KKEDALN*ETR.E
N354	P10909	K.M#LN*TSSLLEQ*LNEQFN*WVSR.L
N354	P10909	K.MLN*TSSLLEQLN*EQ*FNWVSR.L
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGNR.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGNR.T
N528	P04003	R.LSVDKDQ*YVEPENVTIQCDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N416	P00734	R.WVLTAAHCLLYPPWDKN*FTEN*DLLVR.I
N143	P00734	R.SRYPHKPEIN*STTHPGADLQEN*FCR.N
N344	P04196	R.HSHN*N*NSSDLHPHK.H
N344	P04196	R.HSHNN*N*SSDLHPHK.H
N183	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N285	P19827	R.DKICDLLVANN*HFAHFFAPQ*N*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQ*N*LTNMNK.N
N285	P19827	K.ICDLLVANN*HFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTNMNK.N
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQAQ*SK.G
N252	P51884	R.LSHN*ELADSGIPGNSFN*VSSLVELDLSYNK.L
N88	P51884	K.AFEN*VTDLQ*WLILDHNLENSK.I
N127	P51884	K.LHINHN*N*LTESVGPLPK.S
N294	P01042	K.LN*AENN*ATFYFK.I
N98	P05090	R.ADGTVNQ*IEGEATPVN*LTEPAKLEVK.F
N65	P05090	R.CIQAN*YSLM#EN*GK.I
N98	P05090	R.ADGTVN*Q*IEGEATPVN*LTEPAK.L
N65	P05090	R.CIQ*AN*YSLMENGK.I
N93	P02763	R.QDQ*CIYN*TTYLVNQR.E

Site	Protein	Modified Sequence
N33	P43652	R.DIENFN*STQ*K.F
N300	O75882	R.GICN*SSDVR.G
N324	P27169	K.VTQ*VYAEN*GTVLQGSTVASVYK.G
N146	P02745	R.NPPM#GGNVVIFDTVITNQ*EOPYQN*HSGR.F
N146	P02745	R.NPPMGGNVVIFDTVITNQEOPYQN*HSGR.F
N157	P29622	K.FLN*DTMAVYEA.K
N238	P29622	K.DFYVDEN*TTVR.V
N494	P03952	K.LQAPLN*YTEFQKPICLPSK.G
N367	Q96PD5	R.LEPVHLQLQCM#SQEQ*LAQ*VAAN*ATK.E
N367	Q96PD5	R.LEPVHLQLQCMSQEQLAQVAAN*ATK.E
N203	P43251	R.YQ*FNTNVVFSNN*GTLVDR.Y
N203	P43251	R.YQFNTN*VVFSNN*GTLVDR.Y
N119	P43251	K.DVQ*IIVFPEDGIHGFN*FTR.T
N150	P43251	R.FN*DTEVLQR.L
N111	P22792	R.LEDLEVTGSSFLN*LSTNIFSN*LTSLGK.L
N119	P22792	R.LEDLEVTGSSFLN*LSTNIFSN*LTSLGK.L
N415	P02748	R.AVN*ITSENLIDDVVSLIR.G
N162	P05160	R.KEHETCLAPELYNGN*YSTTQK.T
N162	P05160	K.EHETCLAPELYNGN*YSTTQK.T
N406	P09871	R.YTCEEPYYMENGGGGEYHCAGN*GSWVN*EVLGPELPK.C
N83	P49908	K.EGYSN*ISYIVVNHQGISSR.L
N285	P00751	K.IVLDPSGSMN*IYLVDGSDSIGASN*FTGAK.K
N73	Q96IY4	K.KQVHFFVN*ASDVDNVK.A
N135	O95445	K.TELFSSSCP GGIMLN*ETGQ*GYQR.F
N509	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N514	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N154	P20851	R.DCDPPGNPVHGYFEGNN*FTLGSTISYYCEDR.Y
N211	P04275	R.ASPSSSCN*ISSGEMQK.G
N363	P04217	R.FQ*SPAGTEALFELHN*ISVADSANYSCVYVDLKPFFGGSAPSER.L
N90	P01833	R.ANLTNFPEN*GTFVVN*IAQLSQDDSGR.Y
N541	Q13201	K.NAPAAESVSNN*VTEYMSTLHENIK.K
N431	Q13201	K.VN*ESVVSIAAQ*QK.F
N125	P00736	K.MLLTFHTDFSNEEN*GTIMFYK.G
N64	P55058	K.EGHFYYN*ISEVK.V
N468	Q04756	R.DSVSVVLGQHFFN*R.T
N290	Q04756	R.CFLGN*GTGYR.G
N686	P02671	R.MDGSLNFN*R.T
N282	P08571	R.CMWSSALN*SLN*LSFAGLEQVPK.G
N151	P08571	R.N*VSWATGR.S
N5186	Q9Y6R7	R.YLPVN*SSLLTSDCSER.C
N63	P55056	R.MKELLETVVN*R.T

Site	Protein	Modified Sequence
N63	P55056	K.ELLETVVN*R.T
N619	Q2TV78	K.GTGN*DTVLNVALLNVISNQECNIK.H
N638	P55290	K.IN*NTHALVSLQLNLK.A
N136	P17936	R.AYLLPAPPAPGN*ASESEEDR.S
N433	P00748	R.RN*HSCEPCQTLAVR.S
N108	Q02985	R.KFVQGN*STEVACHPGYGLPK.A
N353	O95497	K.LTGVAGN*YTVCQK.D
N403	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N409	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N101	Q16609	R.WEYCN*LTR.C
N117	Q6EMK4	R.LHEITN*ETFR.G
N88	Q9UJJ9	K.YEFCPFHN*VTQHEQTFR.W
N999	Q12840	K.AN*MDN*GN*ATDINDNR.S
N1159	Q92954	R.N*GTLVAFR.G
N85	P80188	K.SYN*VTSVLFR.K
N285	P36955	K.VTQN*LTLIEESLTSEFIHDIDR.E
N3465	P04114	K.YDFN*SSMLYSTAK.G
N2239	P04114	K.TIHDLHLFIENIDFN*KSGSSTASWIQ*NVDTK.Y
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSANEAGIAASITAK.G
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQELLR.T
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAM#LSLGTK.A
N869	P01023	K.SLGNVN*FTVSAAELESQ*ELCGTEVPSVPEHGRK.D
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N1424	P01023	K.VSN*QTLSLFFTVLQDVPVR.D
N128	P01008	K.LGACN*DTLQ*Q*LM#EVFKFDTISEK.T
N209	P01871	R.GLTFQ*QN*ASSMCVPDQ*DTAIR.V
N279	P01871	K.THTNISESHPN*ATFSAVGEASICEDDWSNGER.F
N630	P02787	R.QQHLFGSN*VTDCSGNFCLFR.S
N226	P0C0L4	R.FSDGLESN*SSTQ*FEVK.K
N453	P02790	K.ALQ*PQN*VTSLLGCTH.-
N802	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQ*IPN*SHN*MTTTLN.YR.D
N822	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQ*IPN*SHN*MTTTLN.YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVNC SMAQIQLCPPPPQIPN*SHN*MTTTLN.YR.D
N1095	P08603	R.SPYEMFGDEEVMCLNGN*WTEPPQCK.D
N762	P00450	K.ELHHLQEQN*VSN*AFLDKGEFYIGSK.Y
N762	P00450	K.ELHHLQ*EQN*VSNAFLDK.G

Site	Protein	Modified Sequence
N106	P01011	K.GLKFN*LTETSEAEIHQSFQHLLR.T
N106	P01011	K.FN*LTETSEAEIHQSFQ*HLLR.T
N127	P01011	R.TLN*QSSDELQLSMGN*AMFVK.E
N127	P01011	R.TLN*QSSDELQLSM#GNAM#FVK.E
N430	P02751	R.GGNSNGALCHFPFLYNNHN*YTDCTSEGR.R
N352	P05155	K.VGQ*LQLSHN*LSLVILVPQNLK.H
N253	P05155	R.VLSN*N*SDANLELIN*TWVAK.N
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQEAEFQ*SPK.Y
N81	Q14624	K.AFITN*FSMIIDGMTYPGIK.E
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNM#NK.N
N285	P19827	R.DKICDLLVANN*HFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTNMN*K.N
N285	P19827	R.DKICDLLVAN*NHFAHFFAPQN*LTNMNK.N
N285	P19827	K.ICDLLVAN*N*HFAHFFAPQ*N*LTNMNK.N
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQ*AQSK.G
N86	P04004	K.N*N*ATVHEQ*VGGPSLTSDLQ*AQ*SK.G
N86	P04004	K.N*N*ATVHEQ*VGGPSLTSDLQAQSK.G
N354	P10909	K.M#LN*TSSLLEQ*LNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQLNEQFN*WVSR.L
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N193	P02749	R.DTAVFECLPQ*HAMFGNDTITCTTHGN*WTKLPECR.E
N183	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTKLPECR.E
N193	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTKLPECR.E
N252	P51884	R.LSHNELADSGIPGNSFN*VSSLVELDLSYNK.L
N93	P02763	R.Q*DQ*CIYN*TTYLNVQ*R.E
N72	P02763	K.SVQEIQATFFYFTPN*KTEDTIFLR.E
N33	P43652	R.DIEN*FN*STQK.F
N360	P07996	K.KVSCPIM#PCSN*ATVPDGECCPR.C
N324	P27169	K.VTQVYAEN*GTVLQ*GSTVASVYKGL.L
N98	P05090	R.ADGTVN*QIEGEATPVN*LTEPAKLEVK.F
N169	P01042	R.HGIQYFNN*NTQHSSLFMLNEVK.R
N367	Q96PD5	R.LEPVHLQLQ*CM#SQEQLAQVAAN*ATK.E
N146	P02745	R.NPPM#GGN*VVIFDTVITNQEOPYQN*HSGR.F
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPN*YPKYPENS.R.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPN*YPKYPEN*SR.C
N345	P04196	R.HSHN*NN*SSDLHPHK.H
N621	P06681	K.Q*SVPAHFVALN*GSK.L
N203	P43251	R.YQFNTNVVFSN*N*GTLVDR.Y
N2546	P04275	R.N*VSCPQLEVPVCPSGFQLSCK.T
N2790	P04275	R.TEPMQVALHCTN*GSVVYHEVLNAMECK.C

Site	Protein	Modified Sequence
N933	Q13201	K.TLHEVLTMCHN*ASTSVSELN*ATIPK.W
N942	Q13201	K.TLHEVLTMCHN*ASTSVSELN*ATIPK.W
N840	Q13201	R.KYQQ*N*MSHLEEK.L
N816	Q13201	R.DEKLN*Q*SNFQK.M
N359	P22792	K.LYLGSNNLTALHPALFQ*N*LSK.L
N369	P08185	K.AVLQ*LN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N69	Q08380	R.ALGFEN*ATQALGR.A
N469	P01833	K.VPGN*VTAVLGETLK.V
N296	P26927	R.GTAN*TTTAGVPCQR.W
N818	P15144	R.N*ATLVNEADKLR.A
N339	Q99551	K.IDCLMEEN*ISISQIENPR.V
N82	Q16890	K.QN*FSKSWHDMQ*TTTAYKK.T
N296	P04180	R.MAWPEDHVFISTPSFN*YTGR.D
N442	P33151	R.EVYPWYN*LTVEAK.E
N92	P0DP01	R.N*TSISTAYMELSSLR.S
N365	P08195	K.DASSFLAEWQN*ITK.G
N494	Q12860	R.GKAN*STGTLVITDPTR.I

Table S5. The identified amounts of *N*-glycopeptides, *N*-glycosylation sites and *N*-glycoproteins from 2  $\mu$ L of human serum digest by poly(MT)@MAR, poly(TC)@MAR and poly(IM)@MAR

	<i>N</i> -glycopeptides	<i>N</i> -glycosylation sites	<i>N</i> -glycoproteins
Poly(MT)@MAR	547	286	128
Poly(TC)@MAR	694	372	170
Poly(IM)@MAR	669	355	161

Table S6. *N*-glycopeptides enriched by poly(TC)@MAR from 2  $\mu$ L of human serum digest

<b>Site</b>	<b>Protein</b>	<b>Modified Sequence</b>
N869	P01023	K.SLGN*VN*FTVSAEALESQELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGNVN*FTVSAEALESQELCGTEVPSVPEHGR.K
N869	P01023	K.SLGNVN*FTVSAEALESQELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGN*VN*FTVSAEALESQELCGTEVPSVPEHGR.K
N869	P01023	K.SLGNVN*FTVSAEALESQ*ELCGTEVPSVPEHGR.K
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N869	P01023	K.SLGNVN*FTVSAEALESQ*ELCGTEVPSVPEHGRK.D
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V

Site	Protein	Modified Sequence
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSINTTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N55	P01023	K.GCVLLSYLN*ETVTVSASLESVR.G
N410	P01023	R.GN*EANYYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N1424	P01023	R.TEVSSNHVLIYLDKVSQ*QTLN*VSLVMSDTAGTCY.-
N869	P01023	K.SLGN*VN*FTVSAEALQS*ELCGTEVPSVPEHGR.K
N1424	P01023	R.TEVSSNHVLIYLDKVSQ*QTLN*VSLVMSDTAGTCY.-
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N1424	P01023	R.TEVSSNHVLIYLDKVSQ*Q*TLN*VSLVMSDTAGTCY.-
N1424	P01023	R.TEVSSNHVLIYLDKVSQ*Q*TLN*VSLVMSDTAGTCY.-
N46	P01871	K.YKN*NSDISSTR.G
N440	P01871	K.STGKPTLYN*VSLVMSDTAGTCY.-
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N440	P01871	K.STGKPTLYN*VSLVMSDTAGTCY.-
N46	P01871	K.YKN*NSDISSTR.G
N209	P01871	R.GLTFQQN*ASSMCPDQDTAIR.V
N209	P01871	R.GLTFQQN*ASSM#CVPDQ*DTAIR.V
N209	P01871	R.GLTFQQN*ASSM#CVPDQDTAIR.V
N209	P01871	R.GLTFQ*QN*ASSMCPDQDTAIR.V
N209	P01871	R.GLTFQQN*ASSMCPDQ*DTAIR.V
N209	P01871	R.GLTFQQ*N*ASSMCPDQDTAIR.V
N983	P04114	K.QVFPGLNYCTSGAYSN*ASSTDSASYPLTGDTR.L
N3895	P04114	R.FEVDSVYVY*ATWSASLK.N
N2239	P04114	K.TIHDLHLFIENIDFN*K.S
N185	P04114	K.QVFLDFTVYGN*CSTHFTVK.T
N2779	P04114	K.IQSPLFTLDANADIGN*GTTSANEAGIAASITAK.G
N3336	P04114	K.ELCTISHIFIPAMGN*ITYDFSFK.S
N4431	P04114	K.DFHSEYIVSASN*FTSQ*LSSQVEQ*FLHR.N



Site	Protein	Modified Sequence
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSAN*EAGIAASITAK.G
N2779	P04114	K.IQ*SPLFTLDANADIGN*GTTSANEAGIAASITAK.G
N3411	P04114	K.FVEGSHN*STVSLTTK.N
N1523	P04114	R.FN*SSYLQGTN*QITGR.Y
N1523	P04114	R.FN*SSYLQGTNQ*ITGR.Y
N1523	P04114	R.FN*SSYLQGTNQITGR.Y
N3465	P04114	K.YDFN*SSM#LYSTAK.G
N2982	P04114	R.VNQNLVYESGSLN*FSK.L
N3465	P04114	K.YDFN*SSMLYSTAK.G
N184	P00738	K.M#VSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.M#VSHHN*LTTGATLIN*EQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLIN*EQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQ*WLLTTAK.N
N241	P00738	K.VVLHPN*YSQ*VDIGLIK.L
N184	P00738	K.MVSHHN*LTTGATLIN*EQ*WLLTTAK.N
N211	P00738	K.NLFLNHSEN*ATAK.D
N207	P00738	K.NLFLN*HSENATAK.D
N207	P00738	K.NLFLN*HSEN*ATAK.D
N211	P00738	K.NLFLN*HSEN*ATAK.D
N207	P00738	K.N*LFLN*HSEN*ATAK.D
N211	P00738	K.N*LFLN*HSEN*ATAK.D
N241	P00738	K.VVLHPN*YSQVDIGLIK.L
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQ*IPN*SHN*M#TTTLN.YR.D
N822	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQ*IPN*SHN*M#TTTLN.YR.D
N822	P08603	R.WDPEVNC SMAQIQLCPPPPQ*IPN*SHN*MTTTLN.YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQLCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQ*IQLCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQIQ*LCPPPPQ*IPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQIQ*LCPPPPQ*IPN*SHN*MTTTLN*YR.D
N1095	P08603	R.SPYEM#FGDEEVMCLNGN*WTEPPQ*CK.D
N529	P08603	K.LN*DTLDYEC HDGYESN*TGSTTGSIVCGYN*GWS DLPICYER.E
N1095	P08603	R.SPYEMFGDEEVMCLN*GN*WTEPPQCK.D
N1095	P08603	R.SPYEMFGDEEVMCLNGN*WTEPPQCK.D
N911	P08603	R.ISEEN*ETTCYM#GK.W
N1029	P08603	K.M#DGASN*VTCINSR.W
N1029	P08603	K.MDGASN*VTCIN*SR.W
N1029	P08603	K.MDGASN*VTCINSR.W
N911	P08603	R.ISEEN*ETTCYMGK.W
N882	P08603	K.IPCSQPPQIEHGTIN*SSR.S
N882	P08603	K.IPCSQPPQ*IEHGTIN*SSR.S

Site	Protein	Modified Sequence
N217	P08603	K.SPDVIN*GSPISQK.I
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*M#TTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*M#TTTLN*YR.D
N103	P10909	K.ELPGVCN*ETMM#ALWEECKPCLK.Q
N103	P10909	K.LKELPGVCN*ETMMALWEECKPCLK.Q
N103	P10909	K.ELPGVCN*ETMMALWEECKPCLK.Q
N354	P10909	K.MLN*TSSLLEQLN*EQFNWVSR.L
N354	P10909	K.M#LN*TSSLLEQLNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQLNEQFNWVSR.L
N86	P10909	K.EDALN*ETR.E
N291	P10909	R.HN*STGCLR.M
N86	P10909	K.KKEDALN*ETR.E
N86	P10909	K.KEDALN*ETR.E
N374	P10909	R.LAN*LTQGEDQYYLR.V
N374	P10909	R.LAN*LTQ*GEDQYYLR.V
N103	P10909	K.LKELPGVCN*ETMM#ALWEECKPCLK.Q
N1043	O75882	K.M#PSQAPTGN*FYPQ*PLLN*SSMCLEDSR.Y
N1043	O75882	K.MPSQAPTGNFYPQPLLN*SSMCLEDSR.Y
N1073	O75882	K.CIN*QSICEK.C
N416	O75882	K.IDSTGN*VTNELR.V
N264	O75882	K.ISN*SSDTECECESENWK.G
N914	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N923	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N416	O75882	K.IDSTGN*VTN*ELR.V
N731	O75882	R.N*HSCSEGQISIFR.Y
N1054	O75882	R.YN*WSFIHCPACQCN*GHSK.C
N428	O75882	R.VFHIHN*ESWVLLTPK.A
N65	P05090	R.CIQAN*YSLM#ENGK.I
N65	P05090	R.CIQAN*YSLM#EN*GK.I
N65	P05090	R.CIQ*AN*YSLM#EN*GK.I
N65	P05090	R.CIQAN*YSLMENGK.I
N65	P05090	R.CIQAN*YSLMEN*GK.I
N98	P05090	R.ADGTVNQ*IEGEATPVN*LTEPAK.L
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAK.L
N98	P05090	R.ADGTVNQ*IEGEATPVN*LTEPAKLEVK.F
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAKLEVK.F
N453	P02790	K.ALPQ*PQN*VTSLLGCTH.-
N240	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N240	P02790	R.N*GTGHGN*STHHGPEYMR.C
N246	P02790	R.N*GTGHGN*STHHGPEYMR.C

Site	Protein	Modified Sequence
N64	P02790	R.CSDGWSFDATTLDDN*GTM#LFFK.G
N64	P02790	R.CSDGWSFDATTLDDN*GTMLFFK.G
N187	P02790	R.SWPAVGN*CSSALR.W
N453	P02790	K.ALPQPQN*VTSLLGCTH.-
N271	P01009	K.YLGN*ATAIFFLPDEGK.L
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQELLR.T
N271	P01009	K.YLGN*ATAIFFLPDEGK.LQHLENELTHDIITK.F
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAM#LSLGTK.A
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAMLSLGTK.A
N183	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTKLPECR.E
N193	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTKLPECR.E
N183	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N162	P02749	R.VYKPSAGN*NSLYR.D
N162	P02749	R.VYKPSAGN*N*SLYR.D
N253	P02749	K.LGN*WSAM#PSCK.A
N253	P02749	K.LGN*WSAMPSC.A
N183	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N183	P02749	R.DTAVFECLPQ*HAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAMFGNDTITCTTHGN*WTK.L
N183	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N340	P01876	R.LAGKPTHVN*VSVVMAEVDGTCY.-
N144	P01876	R.LSLHRPALEDLLGSEAN*LTCTLTGLR.D
N340	P01876	R.LAGKPTHVN*VSVVM#AEVDGTCY.-
N358	P00450	K.AGLQAFFQVQECN*K.S
N138	P00450	K.EHEGAIYPD*TTDFQR.A
N762	P00450	K.ELHHLQEQN*VSNAFLDK.G
N762	P00450	K.ELHHLQEQN*VSN*AFLDK.G
N397	P00450	K.EN*LTAPGSDSAVFFEQGTTR.I
N762	P00450	K.ELHHLQEQN*VSNAFLDKGEFYIGSK.Y
N176	P02765	K.AALAAFNAQNN*GSNFQLEEISR.A
N176	P02765	K.AALAAFNAQN*N*GSNFQLEEISR.A
N156	P02765	R.KVCQDCPLLAPLN*DTR.V
N156	P02765	R.KVCQ*DCPLLAPLN*DTR.V
N156	P02765	K.VCQDCPLLAPLN*DTR.V

Site	Protein	Modified Sequence
N125	P04196	R.VIDFN*CTTSSVSSALANTK.D
N125	P04196	R.VIDFN*CTTSSVSSALAN*TK.D
N344	P04196	R.HSHNN*NSSDLHPHK.H
N345	P04196	R.HSHNNN*SSDLHPHK.H
N344	P04196	R.HSHNN*N*SSDLHPHK.H
N285	P19827	K.ICDLLVANN*HFAHFFAPQN*LTNMNK.N
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANN*HFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVAN*NHFAHFFAPQN*LTNM#NK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVAN*N*HFAHFFAPQN*LTNMN*K.N
N577	Q14624	R.NQALN*LSLAYSFVTPLTSMVVTKPDDQEQSQVAEKPMEGESR.N
N81	Q14624	K.AFITN*FSMIIDGM#TYPGIK.E
N517	Q14624	K.LPTQN*ITFQTESSVAEQEAEFQSPK.Y
N81	Q14624	K.AFITN*FSMIIDGMTYPGIK.E
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQ*EAEFQSPK.Y
N517	Q14624	K.LPTQN*ITFQTESSVAEQ*EAEFQSPK.Y
N2790	P04275	R.TEPMQVALHCTN*GSVVYHEVLNAMECK.C
N211	P04275	R.ASPSSSCN*ISSGEM#QK.G
N211	P04275	R.ASPSSSCN*ISSGEMQK.G
N2635	P04275	R.KTTCNPCPLGYKEEN*N*TGECCGR.C
N2223	P04275	R.HCDGN*VSSCGDHPSEGFCPPDK.V
N2635	P04275	K.TTCNPCPLGYKEEN*NTGECCGR.C
N1515	P04275	K.IGEADFN*R.S
N666	P04275	K.GQVYLQCGTPCN*LTCSR.S
N2585	P04275	R.M#EACMLN*GTVIGPGK.T
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQSK.G
N86	P04004	K.N*N*ATVHEQVGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQ*AQSK.G
N224	P01008	K.WVSN*KTEGR.I
N128	P01008	K.LGACN*DTLQQLM#EVFK.F
N128	P01008	K.LGACN*DTLQQLMEVFK.F
N187	P01008	K.SLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQQLM#EVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQQLMEVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQQ*LMEVFK.F
N1007	P02751	K.LDAPTNLQFVN*ETDSTVLVR.W
N528	P02751	R.DQCIVDDITYNVN*DTFHK.R
N542	P02751	R.HEEGHMLN*CTCFGQGR.G
N430	P02751	R.GGNSNGALCHFPFLYNNHN*YTDCTSEGR.R

Site	Protein	Modified Sequence
N430	P02751	R.GGN*SNGALCHFPFLYNNHN*YTDCTSEGR.R
N430	P02751	R.GGN*SNGALCHFPFLYNN*HN*YTDCTSEGR.R
N430	P02751	R.GGNSNGALCHFPFLYN*N*HN*YTDCTSEGR.R
N221	P04003	R.FSLLGHASISCTVEN*ETIGVWRPSPPTCEK.I
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGNR.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPENVTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	K.DQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	K.DQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N143	P00734	R.YPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQ*EN*FCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQEN*FCR.N
N205	P00734	R.SEGSSVN*LSPPLEQCVPDR.G
N416	P00734	K.N*FTENDLLVR.I
N352	P05155	K.AKVGQLQLSHN*LSLVILVPQNLK.H
N352	P05155	K.VGQLQLSHN*LSLVILVPQNLK.H
N253	P05155	R.VLSN*NSDANLELINTWVAK.N
N25	P05155	R.ASSNP*ATSSSSQDPESLQDR.G
N238	P05155	R.DTFVN*ASR.T
N1391	P0C0L4	K.N*TTCQDLQIEVTVK.G
N226	P0C0L4	R.FSDGLESN*SSTQFEVK.K
N1328	P0C0L4	R.GLN*VTLSSSTGR.N
N1328	P0C0L4	R.GLN*VTLSSSTGRN*GFK.S
N93	P02763	R.QDQCIYN*TTYLNVQR.E
N72	P02763	K.SVQEIQATFFYFTPN*KTEDTIFLR.E
N93	P02763	R.QDQ*CIYN*TTYLNVQR.E
N106	P01011	K.FN*LTETSEAEIHQSFQHLLR.T
N127	P01011	R.TLN*QSSDELQLSMGNAMFVK.E
N93	P01011	K.NVIFSPLSISTALAFSLGAHN*TTLTEILK.G
N127	P01011	R.TLN*Q*SSDELQLSMGNAMFVK.E
N112	P06681	R.LGSYPVGGN*VSFECEDGFILR.G
N621	P06681	K.QSVPAHFVALN*GSK.L
N467	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N471	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N651	P06681	K.TM#FPN*LTDVR.E
N128	P25311	R.FGCEIENN*R.S
N128	P25311	R.FGCEIEN*N*R.S

Site	Protein	Modified Sequence
N109	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N112	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N112	P25311	K.DIVEYYNDSN*GSHVLQGR.F
N109	P25311	K.DIVEYYN*DSNGSHVLQGR.F
N85	P01024	K.TVLTPATNHM#GN*VTFTIPANR.E
N85	P01024	K.TVLTPATN*HM#GN*VTFTIPANR.E
N85	P01024	K.TVLTPATNHMGN*VTFTIPANR.E
N85	P01024	K.TVLTPATN*HMGN*VTFTIPANR.E
N324	P27169	K.VTQVYAEN*GTVLQGSTVASVYK.G
N253	P27169	K.HAN*WTLTPLK.S
N324	P27169	K.VTQVYAEN*GTVLQ*GSTVASVYK.G
N453	P03952	R.IYSGILN*LSDITK.D
N308	P03952	K.IYPGVDFGGEELN*VTFVK.G
N396	P03952	R.IVGGTN*SSWGEWPWQVSLQVK.L
N127	P03952	R.GVNFN*VSK.V
N494	P03952	K.LQAPLN*YTEFQKPICLPSK.G
N88	P51884	K.AFEN*VTDLQWLILDHNLENSK.I
N127	P51884	K.LHINHNN*LTESVGPLPK.S
N127	P51884	K.KLHINHNN*LTESVGPLPK.S
N125	Q08380	R.DAGVVCTN*ETR.S
N551	Q08380	K.AAIPSALDTN*SSK.S
N398	Q08380	K.GLN*LTEDTYKPR.I
N192	Q08380	K.EPGSN*VTMSVDAECVPMVR.D
N69	Q08380	R.ALGFEN*ATQALGR.A
N580	Q08380	R.TVIRPFYLTN*SSGVD.-
N369	P08185	K.AVLQLNEEGVDTAGSTGVTLN*LTSKPIILR.F
N96	P08185	R.AQLLQGLGFN*LTER.S
N369	P08185	K.AVLQ*LN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N285	P00751	R.KIVLDPSGSMNIYLVLDGSDSIGASN*FTGAK.K
N285	P00751	K.IVLDPSGSMNIYLVLDGSDSIGASN*FTGAK.K
N285	P00751	K.IVLDPSGSMN*IYLVLDGSDSIGASN*FTGAK.K
N367	Q96PD5	R.LEPVHLQLQCMSQEQLAQAAN*ATK.E
N485	Q96PD5	R.GFGVAIVGN*YTAALPTEAALR.T
N77	Q96PD5	R.LYHFLLGAWSLN*ATELDPCPLSPELLGLTK.E
N580	Q06033	K.N*AHGEEKEN*LTAR.A
N580	Q06033	R.KNAHGEEKEN*LTAR.A
N580	Q06033	K.NAHGEEKEN*LTAR.A
N146	P02745	R.NPPMGGNVVIFDTVITNQEEPYQN*HSGR.F
N146	P02745	R.NPPMGGN*VVIFDTVITNQEEPYQN*HSGR.F
N146	P02745	R.RNPPM#GGNVVIFDTVITNQEEPYQN*HSGR.F
N146	P02745	R.NPPM#GGNVVIFDTVITNQEEPYQN*HSGR.F

Site	Protein	Modified Sequence
N146	P02745	R.RNPPMGGNVVIFDVTITNQEEPYQN*HSGR.F
N75	Q9Y6R7	R.LLISSLSESPASVSILSQADN*TSK.K
N1830	Q9Y6R7	R.NPNNDQVFPN*GTLAPSIPIWGGSWR.A
N5186	Q9Y6R7	R.YLPVN*SSLTSDCSER.C
N75	Q9Y6R7	R.LLISSLSESPASVSILSQADN*TSKK.V
N174	P49908	K.CGN*CSLTTLKDEDFCKR.V
N174	P49908	K.CGN*CSLTTLKDEDFCKR.R
N83	P49908	K.EGYSN*ISYIVVNHQGISSR.L
N83	P49908	K.EGYSN*ISYIVVN*HQGISSR.L
N321	P80108	R.NIN*YTER.G
N659	P80108	K.LGTSLSGGHVLMLN*GTLK.Q
N307	P80108	R.N*LTSLTESVDR.N
N369	P06276	K.DN*NSIITR.K
N284	P06276	R.EN*ETEIIK.C
N85	P06276	K.WSDIWN*ATK.Y
N509	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N514	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N119	P43251	K.DVQIIVFPEDGIHGFN*FTR.T
N402	P43251	K.WNVNAPPTFHSEMMYDN*FTLVPVWGK.E
N349	P43251	K.NPVGLIGAEN*ATGETDPSHSK.F
N203	P43251	R.YQFNTNVVFSNN*GTLVDR.Y
N363	P04217	R.FQ*SPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N371	P04217	R.FQ*SPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N363	P04217	R.FQSPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N371	P04217	R.FQSPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N98	P20851	R.LGHCPDPVLVNGEFSSSGPVN*VSDK.I
N98	P20851	R.LGHCPDPVLVN*GEFSSSGPVN*VSDK.I
N325	P02750	K.M#FSQN*DTR.C
N269	P02750	R.QLDMLDLN*NSLASVPEGLWASLGQPNWDMR.D
N325	P02750	K.MFSQN*DTR.C
N135	O95445	K.TELFSSSCPGGIM#LN*ETGQGYQR.F
N135	O95445	K.TELFSSSCPGGIMLN*ETGQGYQR.F
N165	P05543	K.TLYETEVFSTDFSN*ISAAK.Q
N36	P05543	K.VTACHSSQPN*ATLYK.M
N406	P09871	R.YTCEEPYYMENGGGGEYHCAGN*GSWVN*EVLGPELPK.C
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPN*YPKYPEN*SR.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPN*YPKYPEN*SR.C
N295	Q9UK55	K.LPYQGN*ATMLVVLMEK.M
N180	Q9UK55	K.ETFFN*LSKR.Y
N180	Q9UK55	K.ETFFN*LSK.R
N170	P01019	R.LQAILGVPWKDKN*CTSR.L

Site	Protein	Modified Sequence
N47	P01019	R.VYIHPFHLVIHN*ESTCEQLAK.A
N118	P02766	K.ALGISPFHEHADEVVFTAN*DSGPR.R
N359	P22792	K.LYLGSNNTALHPALFQ*N*LSK.L
N348	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N359	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N74	P22792	R.AFGSNPN*LTK.V
N63	P55056	R.M#KELLETVVN*R.T
N63	P55056	K.ELLETVVN*R.T
N63	P55056	R.MKELLETVVN*R.T
N142	Q12913	K.SN*DTAASEYK.Y
N413	Q12913	K.IHVAGETDSSNLN*VSEPR.A
N231	Q12913	K.AALSWSNGN*GTASCR.V
N104	P14151	K.IGGIWTWVGTN*K.S
N60	P14151	R.FCRDN*YTDLVAIQNK.A
N60	P14151	R.DN*YTDLVAIQNK.A
N70	P05156	K.N*GTAVCATN*R.R
N103	P05156	K.FLNN*GTCTAEGK.F
N177	P05156	K.LSDLSIN*STECLHVHCR.G
N108	P29622	R.SQILEGLGFN*LTELSESDVHR.G
N157	P29622	K.FLN*DTMAVYEAK.L
N116	P17936	R.GLCVN*ASAVSR.L
N136	P17936	R.AYLLPAPPAPGN*ASESEEDR.S
N49	P05546	K.GGETAQ*SADPQWEQLN*N*KN*LSMPLLPADFHK.E
N49	P05546	K.GGETAQSDPQWEQ*LNNKN*LSMPLLPADFHK.E
N49	P05546	K.N*LSMPLLPADFHK.E
N294	P01042	K.LNAENN*ATFYFK.I
N205	P01042	R.ITYSIVQTN*CSK.E
N118	P19823	K.GAFISN*FSMTVDGK.T
N118	P19823	K.GAFISN*FSM#TVDGK.T
N180	P01857	R.EEQYN*STYR.V
N180	P01857	R.EEQ*YN*STYR.V
N432	P02787	K.CGLVPVLAENYN*K.S
N402	P43652	R.YAEDKFN*ETTEK.S
N33	P43652	R.DIENFN*STQK.F
N491	P03951	K.LETTVN*YTDSQRPICLPSKGDR.N
N491	P03951	K.LETTVN*YTDSQRPICLPSK.G
N143	P55058	K.VSN*VSCQASVSR.M
N64	P55058	K.EGHFYYN*ISEVK.V
N162	P05160	R.KEHETCLAPELYN*GN*YSTTQK.T
N202	P10643	K.INNDFNYEFYN*STWSYVK.H
N754	P10643	R.N*YTLTGR.D



Site	Protein	Modified Sequence
N53	Q9Y5Y7	K.KANQQLN*FTEAK.E
N53	Q9Y5Y7	K.ANQQLN*FTEAK.E
N184	P09172	R.SLEAIN*GSGLQMGLQR.V
N514	P00736	K.EHEAQSN*ASLDVFLGHTNVEELMK.L
N221	P00736	R.CN*YSIR.V
N169	Q14515	R.N*YSHHQLNR.S
N412	Q14515	K.KAEN*SSNEETSSEGNMR.V
N816	Q13201	R.DEKLN*QSNFQK.M
N507	Q13201	R.SILYYESLN*K.T
N830	Q9Y4L1	R.LSALDNLLN*HSSMFLK.G
N862	Q9Y4L1	K.VIN*ETWAWK.N
N78	P41222	K.SVVAPATDGGLN*LTSTFLR.K
N98	P23142	R.CATPHGDN*ASLEATFVK.R
N153	P13598	R.GN*ETLHYETFGK.A
N47	P13598	K.GSLEVN*CSTTCN*Q*PEVGGLETSLDK.I
N71	P01591	R.EN*ISDPTSPLR.T
N71	P01591	R.IIVPLN*NREN*ISDPTSPLR.T
N552	Q76LX8	R.CQVCGGDN*STCSPR.K
N707	Q76LX8	R.WVN*YSCLDQAR.K
N234	P15144	K.AEFN*ITLIHPK.D
N265	P15144	K.GPSTPLPEDPNWN*VTEFHHTPK.M
N415	P02748	R.AVN*ITSENLIDDVVSLIR.G
N83	P01833	R.AN*LTNFPENGTFFVN*IAQLSQDDSGR.Y
N469	P01833	K.VPGN*VTAVLGETLK.V
N267	P05362	R.LNPTVITYGN*DSFSAK.A
N145	P05362	R.AN*LTVVLLR.G
N73	Q96IY4	K.KQVHFFVN*ASDVDNVK.A
N73	Q96IY4	K.QVHFFVN*ASDVDNVK.A
N396	P04278	R.SHEIWITHSCPQSPGN*GTDASH.-
N380	P04278	R.LDVDQALN*R.S
N1067	P07996	K.VVN*STTGPEHLR.N
N360	P07996	K.KVSCPIMPCSN*ATVPDGECCPR.C
N437	P07357	R.GGSSGWSGGLAQN*R.S
N437	P07357	R.GGSSGWSGGLAQ*N*R.S
N37	P07359	R.N*LTALPPDLPK.D
N189	O75636	R.VELEDNFN*GN*R.T
N299	Q01459	K.QIN*SSISGNLWDKDQR.A
N444	Q16610	K.HIPGLIHN*MTAR.C
N182	Q14126	K.IN*ATDADEPNTLNSK.I
N374	Q92496	K.CKPGYATADGN*SSGSITCLQ*N*GWSAQ*PICIK.F
N263	P07339	K.GSLSYLN*VTR.K

Site	Protein	Modified Sequence
N130	O00391	K.N*GSGAVFPVAGADVQ*TLR.E
N257	P13473	K.VASVININPN*TTHSTGSCR.S
N290	Q04756	R.CFLGN*GTGYR.G
N522	O14786	K.IGYSNN*GSDWK.M
N156	P02788	R.TAGWN*VPIGTLRPFLN*WTGPPEPIEAAVAR.F
N103	Q99784	K.VQN*MSQSIEVLDRR.T
N108	Q02985	K.FVQGN*STEVACHPGYGLPK.A
N411	P16109	R.AFQYDTN*CSFR.C
N275	P07333	K.VLTLN*LDQVDFQ*HAGN*YSCVASNVQ*GK.H
N308	P00747	R.GNVAVTVSGHTCQHWSAQ*TPHTHN*R.T
N102	O75144	R.LFN*VTPQDEQK.F
N85	P80188	K.SYN*VTSVLFR.K
N530	P55290	R.YSVYKDPAGWLNINPIN*GTVDTTAVLDR.E
N619	Q2TV78	K.GTGN*DTVLNVALLNVISNQECNIK.H
N353	O95497	K.LTGVAGN*YTVCQK.D
N509	P12821	R.N*ETHFDAGAK.F
N1240	Q8IVL1	R.SSTSSIDSN*ISSK.S
N365	P08195	K.DASSFLAEWQN*ITK.G
N31	Q9H079	K.ISN*FTN*KN*MK.E
N88	Q9UJJ9	K.YEFCPFHN*VTQHEQTFR.W
N442	P33151	R.EVYPWYN*LTVEAK.E
N282	P08571	R.CMWSSALNSLN*LSFAGLEQVPK.G
N247	Q6YHK3	K.HLN*GTITAK.Y
N433	P00748	R.N*HSCEPCQTLAVR.S
N110	Q8IU88	R.STNHEPSEMSN*R.T
N821	P12259	K.NSVLN*SSTAETHSSPYSEDPIEDPLQPDVTGIR.L
N296	Q9NZP8	R.KN*QSVN*VFLGHTAIDEMLK.L
N243	P07358	K.EYESYSDFERN*VTEK.M
N729	Q07954	R.IETILLN*GTDR.K
N285	P36955	K.VTQN*LTLIEESLTSEFIHDIDR.E
N459	P13591	R.DGQLLPSSN*YSNIK.I
N92	P0DP01	R.N*TSISTAYMELSSLR.S
N136	P54289	K.DDLDPKKN*DSEPGSQR.I
N53	P01033	K.FVGTPEVN*QTTLYQR.Y
N368	P35858	K.AGAFGLTNVAVMN*LSGNCLR.N
Site		Modified Sequence
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQ*ELLR.T
N70	P01009	R.QLAHQSN*STN*IFFSPVSIATAFAM#LSLGTK.A
N2560	P04114	K.N*LTDFAEQYSIQDWAK.R

Site	Protein	Modified Sequence
N3336	P04114	K.ELCTISHIFIPAM#GN*ITYDFSFK.S
N185	P04114	K.Q*VLFLDVTYGN*CSTHFTVK.T
N3358	P04114	K.SSVITLNTNAELFN*QSDIVAHLLSSSSSSVIDALQYK.L
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSANEAGIAASITAK.G
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N869	P01023	K.SLGN*VN*FTVSAEALLESQ*ELCGTEVPSVPEHGRK.D
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N1424	P01023	R.TEVSSN*HVLIYLDKVSQ*Q*TLNFLFTVLQ*DVPVR.D
N128	P01008	K.LGACN*DTLQQ*LM#EVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQ*QLMEVFK.F
N187	P01008	K.SLTFN*ETYQ*DISELVYGAK.L
N224	P01008	R.AAINKWVSN*KTEGR.I
N85	P01024	K.TVLTIPATN*HMGN*VTFTIPAN*R.E
N180	P01857	K.TKPREEQYN*STYR.V
N209	P01871	R.GLTFQ*QN*ASSMCPDQ*DTAIR.V
N46	P01871	K.N*NSDISSTR.G
N279	P01871	K.THTNISESHPN*ATFSAVGEASICEDDWN*SGER.F
N630	P02787	R.QQHLFGSN*VTDCSGNFCLFR.S
N630	P02787	R.QQHLFGSN*VTDCSGN*FCLFR.S
N432	P02787	K.CGLVPVLAEN*YN*K.S
N1391	P0C0L4	K.N*TTCQDLQ*IEVTVK.G
N822	P08603	R.WDPEVNCSM#AQIQLCPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQLCPPPQIPNSHN#TTTLN*YR.D
N822	P08603	R.WDPEVNCSMAQIQLCPPPQIPN*SHN*#TTTLN*YR.D
N1095	P08603	R.SPYEMFGDEEVM#CLN*GN*WTEPPQCK.D
N802	P08603	R.WDPEVN*CSM#AQIQLCPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQIQLCPPPQIPNSHN*MTTTLN*YR.D
N1095	P08603	R.SPYEMFGDEEVM#CLNGN*WTEPPQCK.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPQ*IPN*SHNMTTTLN*YR.D
N882	P08603	K.IPCSQ*PPQ*IEHGTIN*SSR.S
N882	P08603	K.IPCSQ*PPQIEHGTIN*SSR.S
N542	P02751	K.RHEEGHM#LN*CTCFGQGR.G
N542	P02751	R.HEEGHM#LN*CTCFGQGR.G
N542	P02751	K.RHEEGHMLN*CTCFGQGR.G
N430	P02751	R.GGNSNGALCHFPFLYN*NHN*YTDCTSEGR.R
N253	P05155	R.VLSN*NSDANLELIN*TWVAK.N
N352	P05155	K.VGQLQ*LSHN*LSLVILVPQNLK.H

Site	Protein	Modified Sequence
N69	P05155	K.MLFVEPILEVSSLPTTN*STTNSATK.I
N138	P00450	K.EHEGAIYPDN*TTDFQ*R.A
N762	P00450	K.ELHHLQEQ*N*VSNAFLDK.G
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNM#NK.N
N285	P19827	K.ICDLLVANN*HFAHFFAPQ*N*LTNM#NK.N
N285	P19827	K.ICDLLVAN*N*HFAHFFAPQN*LTN*M#NK.N
N285	P19827	R.DKICDLLVAN*NHFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQ*N*LTNM#NK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTN*MNK.N
N588	P19827	R.AN*LSSQ*ALQ*MSLDYGFVTPLTSMIR.G
N176	P02765	K.AALAAFNAQNN*GSN*FQLEEISR.A
N453	P02790	K.ALPQPQ*N*VTSLLGCTH.-
N240	P02790	R.GHGHRN*GTGHGN*STHHGPEYMR.C
N246	P02790	R.GHGHRN*GTGHGN*STHHGPEYMR.C
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPENVTIQ*CDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPENVTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPENVTIQCDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N354	P10909	K.MLN*TSSLLEQLNEQFN*WVSR.L
N354	P10909	K.MLN*TSSLLEQ*LNEQFNWVSR.L
N416	P00734	R.WVLTAAHCLLYPPWDKN*FTENDLLVR.I
N143	P00734	R.SRYPHKPEIN*STTHPGADLQEN*FCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQ*EN*FCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQ*ENFCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQ*ENFCR.N
N271	P01011	K.YTGN*ASALFILPDQDKMEEVEAMLLPETLK.R
N81	Q14624	K.KAFITN*FSMIIDGMTYPGIK.E
N81	Q14624	K.AFITN*FSM#IIDGMTYPGIK.E
N517	Q14624	K.LPTQN*ITFQTESSVAEQEAEFQ*SPK.Y
N1043	O75882	K.MPSQ*APTGN*FYPQ*PLLN*SSMCLEDSR.Y
N264	O75882	K.ISN*SSDTVECECSEN*WKGEACDIPHCTDNCGFPHR.G
N1054	O75882	R.YN*WSFIHCPACQCNGHSC.C
N383	O75882	R.EWLPLN*R.S
N1198	O75882	R.DLDMFIN*ASK.N

Site	Protein	Modified Sequence
N183	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTKLPECR.E
N193	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTKLPECR.E
N193	P02749	R.DTAVFECLPQ*HAMFGNDTITCTTHGN*WTKLPECR.E
N288	P02774	K.LCDN*LSTK.N
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQ*SK.G
N98	P05090	R.ADGTVN*QIEGEATPVN*LTEPAK.L
N65	P05090	R.CIQ*AN*YSLMENGK.I
N109	P43652	K.ICAMEGLPQKHN*FSHCCSK.V
N49	P05546	K.GGETAQSADPQWEQLNKN*LSMPLLPADFHK.E
N49	P05546	K.GGETAQSADPQWEQLN*KN*LSMPLLPADFHK.E
N188	P05546	K.DFVN*ASSK.Y
N93	P02763	R.QDQCIYN*TTYLN*VQR.E
N2790	P04275	R.TEPMQ*VALHCTN*GSVVYHEVLN*AMECK.C
N2635	P04275	R.KTTCNPCPLGYKEEN*NTGECCGR.C
N2357	P04275	R.GLQPTLTNPGECRPN*FTCACR.K
N252	P51884	R.LSHNELADSGIPGNSFN*VSSLVELDLSYNK.L
N160	P51884	K.LGSFEGLVN*LTFIHLQHNR.L
N252	P51884	R.LSHNELADSGIPGN*SFN*VSSLVELDLSYN*K.L
N127	P51884	K.LHINHN*N*LTESVGPLPK.S
N360	P07996	K.VSCPIMPCSN*ATVPDGECCPR.C
N174	P49908	K.KCGN*CSLTTLKDEDFCK.R
N277	P02748	R.FSYSKN*ETYQLFLSYSSK.K
N109	P25311	K.DIVEYYN*DSN*GSHVLQ*GR.F
N112	P25311	K.DIVEYYN*DSN*GSHVLQ*GR.F
N238	P29622	K.DFYVDEN*TTVR.V
N91	Q06033	K.TAFITN*FTLTIDGVTPGNVK.E
N580	Q06033	R.KN*AHGEEKEN*LTAR.A
N406	P09871	R.YTCEEPYYYM#EN*GGGGEYHCAGN*GSWVN*EVLGPELPK.C
N406	P09871	R.YTCEEPYYYMEN*GGGGEYHCAGN*GSWVNEVLGPELPK.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPNYPKYPENS.R.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPNYPKYPEN*SR.C
N135	O95445	K.TELFSSSCP GGIMLN*ETGQ*GYQR.F
N135	O95445	K.TELFSSSCP GGIM#LN*ETGQ*GYQ*R.F
N135	O95445	K.TELFSSSCP GGIM#LN*ETGQ*GYQR.F
N840	Q13201	R.KYQQN*MSHLEEK.L
N431	Q13201	K.VN*ESVVSIAAQK.F
N981	Q13201	K.TQAALSN*LTCCIDR.S
N136	Q13201	K.FNPGAESVVLN*STLK.F
N369	P08185	K.AVLQLN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N369	P08185	K.AVLQ*LNEEGVDTAGSTGVTLN*LTSKPIILR.F
N186	P02750	R.KLPPGLLAN*FTLLR.T

Site	Protein	Modified Sequence
N186	P02750	K.LPPGLLAN*FTLLR.T
N70	P05156	K.N*GTAVCATNR.R
N103	P05156	K.FLN*N*GTCTAEGK.F
N5242	Q9Y6R7	R.GLCVLSVGAN*LTTFDGAR.G
N1743	Q9Y6R7	R.VVTVAALGTN*ISIHKDEIGK.V
N93	P19652	R.QNQCFYN*SSYLVNQR.E
N93	P19652	R.QN*QCFYN*SSYLVNQR.E
N71	P20851	K.EWDN*TTTECR.L
N64	P20851	K.TLFCN*ASK.E
N245	P55058	R.N*WSLPNR.A
N398	Q08380	R.YKGLN*LTEDTYKPR.I
N433	P00748	R.RN*HSCEPCQTLAVR.S
N359	P22792	K.LYLGSNNLTALHPALFQ*N*LSKLELLSLSK.N
N162	P05160	R.KEHETCLAPELYNGN*YSTTQK.T
N162	P05160	K.EHETCLAPELYN*GN*YSTTQK.T
N382	Q96KN2	R.LVPHMN*VSAVEK.Q
N368	P35858	K.AGAFLGLTNVAVM#N*LSGNCLR.N
N186	P01833	K.QIGLYPVLVIDSSGYVNPV*YTGR.I
N115	P02760	K.SKWN*ITMESYVVHTNYDEYAIFLTK.K
N444	Q16610	K.HIPGLIHN*M#TAR.C
N356	P13473	R.VQPFN*VTQGK.Y
N49	P13473	K.WQMN*FTVR.Y
N71	P01591	R.IIVPLNNREN*ISDPTSPLR.T
N824	P54289	K.IDVNSWIEN*FTK.T
N324	P54289	K.DAVNN*ITAK.G
N181	P40197	K.LLDLSGN*N*LTHLPK.G
N296	P04180	R.MAWPEDHVFISTPSFN*YTGR.D
N44	P04180	K.AELSN*HTRPVILVPGCLGN*QLEAK.L
N189	O75636	R.VELEDFNGN*R.T
N82	Q16890	K.QN*FSKSWHDMQ*TTTAYKK.T
N51	P41222	R.WFSAGLASN*SSWLR.E
N468	Q04756	R.DSVSVVLGQHFFN*R.T
N296	P26927	R.GTAN*TTTAGVPCQR.W
N483	P06276	R.DN*YTKAEELSR.S
N419	Q6YHK3	K.IN*YTVPSGTFK.I
N337	Q6YHK3	R.N*VSTNVFFK.Q
N686	P02671	R.MDGSLNFN*R.T
N108	Q02985	R.KFVQGN*STEVACHPGYGLPK.A
N101	Q9BY67	R.FQLLN*FSSSELK.V
N43	P13987	K.TAVN*CSSDFDACLITK.A
N78	P02679	K.VDKDLQSLEDILHQVEN*K.T

Site	Protein	Modified Sequence
N107	P08294	K.LDAFFALEGFPTEPN*SSSR.A
N203	Q92820	K.N*FTMNEK.L
N411	Q13822	K.AIIAN*LTCK.K
N845	Q9H8L6	K.FN*TTYINIGSSYPPEHGYFR.A
N62	P11279	K.N*MTFDLPSDATVVVLN*R.S
N76	P11279	K.N*MTFDLPSDATVVVLN*R.S
N2209	P12259	K.TWN*QSIAR.L
N171	P20160	R.FVN*VTVTPEDQCRPNNVCTGVLTR.R
N296	Q9Y5C1	R.IDGSQNFN*ETWENYK.Y
N47	P13598	K.GSLEVN*CSTTCNQPEVGGLETSLDK.I
N150	O14786	K.RGPECSQN*YTTPSGVIK.S
N251	P02786	K.DFEDLYTPVN*GSIVIVR.A
N117	Q6EMK4	R.LHEITN*ETFR.G
N143	Q86SQ4	K.GFN*ASYIR.V
N288	Q99784	K.SMVDFMNTDN*FTSHR.L
N358	P11597	K.GVVVN*SSVMVK.F
N35	P43003	K.KVQ*N*ITK.E
N378	Q9NZK5	R.NILDALMLN*TTR.I
N638	P55290	K.IN*NTHALVSLQLNLK.A
N69	Q9UBG0	R.VTPACN*TSLPAQR.W
N385	P48740	R.NN*LTTYK.S
N379	P40189	K.SHLQN*YTVN*ATK.L
N383	P40189	K.SHLQN*YTVN*ATK.L
N1115	Q7Z7M0	R.GYQGDGISHCN*R.T
N983	P04114	K.QVFPGLN*YCTSGAYSN*ASSTDSASYPLTGDTR.L
N2779	P04114	K.IQSPLFTLDANADIGN*GTTSAN*EAGIAASITAK.G
N2779	P04114	K.IQ*SPLFTLDAN*ADIGN*GTTSANEAGIAASITAK.G
N2982	P04114	R.VNQN*LVYESGSLN*FSK.L
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSINTTN*VMGTSLTVR.V
N1424	P01023	K.VSN*QTLSLFFTFLVLDVQDVPVR.D
N410	P01023	R.GNEAN*YYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N1424	P01023	R.TEVSSN*HVLIYLDKVSQ*Q*TLSLFFTFLVLDVQDVPVR.D
N272	P01871	K.THTN*ISESHPNATFSAVGEASICEDDWNNGER.F
N209	P01871	R.GLTFQ*Q*N*ASSMCVPDQDPAIR.V
N272	P01871	K.THTN*ISESHPNATFSAVGEASICEDDWN*SGER.F

Site	Protein	Modified Sequence
N209	P01871	R.GLTFQQ*N*ASSM#CVPDQDPAIR.V
N279	P01871	K.THTNISESHPN*ATFSAVGEASICEDDWNSEGER.F
N187	P01008	R.LFGDKSLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQ*Q*LMEVFKFDTISEK.T
N802	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQ*IPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQ*IPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVNCMAQIQLCPPPPQIPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVNCMAQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N529	P08603	K.LN*DTLDYECHDGYESN*TGSTTGSIVCGYNGWSDLPICYER.E
N184	P00738	K.M#VSHHN*LTTGATLINEQ*WLLTTAK.N
N127	P01011	R.TLN*QSSDELQLSM#GNAMFVK.E
N106	P01011	K.GLKFN*LTETSEAEIHQSFQHLLR.T
N127	P01011	R.TLN*QSSDELQLSMGN*AMFVK.E
N127	P01011	R.TLN*QSSDELQLSM#GNAM#FVK.E
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQEAEFQSPK.Y
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQEAEFQ*SPK.Y
N577	Q14624	R.N*Q*ALN*LSLAYSFVTPLTSMVVTKPDDQEQ*SQ*VAEKPMEGESR.N
N517	Q14624	K.LPTQN*ITFQTESSVAEQ*EAEFQ*SPK.Y
N397	P00450	K.EN*LTAPGSDSAVFFEQ*GTTR.I
N762	P00450	K.ELHHLQ*EQN*VSNAFLDK.G
N240	P02790	R.GHGHRN*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.GHGHRN*GTGHGN*STHHGPEYM#R.C
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N1007	P02751	K.LDAPTQ*LQ*FVN*ETDSTVLVR.W
N430	P02751	R.GGNSN*GALCHFPFLYNNHN*YTDCTSEGR.R
N176	P02765	K.AALAAFNAQNN*GSNFQ*LEEISR.A
N176	P02765	K.AALAFN*AQNN*GSNFQLEEISR.A
N354	P10909	K.M#LN*TSSLLEQLN*EQFNWVSR.L
N374	P10909	R.LAN*LTQGEDQ*YYLR.V
N103	P10909	K.LKELPGVCN*ETM#MALWEECKPCLK.Q
N193	P02749	R.DTAVFECLPQ*HAM#FGNDTITCTTHGN*WTK.L
N285	P19827	K.ICDLLVANNHFAHFFAPQ*N*LTNMNK.N
N1043	O75882	K.M#PSQAPTGNFYPPQ*PLLN*SSMCLEDSR.Y
N1043	O75882	K.MPSQAPTGNFYPPQ*PLLN*SSMCLEDSR.Y
N86	P04004	K.N*N*ATVHEQ*VGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQAQ*SK.G
N98	P05090	R.ADGTVN*Q*IEGEATPVN*LTEPAKLEVK.F
N146	P02745	R.NPPMGGNVVIFDTVITNQ*EOPYQ*N*HSGR.F



Site	Protein	Modified Sequence
N294	P01042	K.LNAEN*N*ATFYFK.I
N127	P51884	K.KLHIN*HNN*LTESVGPLPK.S
N2635	P04275	R.KTTCN*PCPLGYKEEN*N*TGECCGR.C
N2585	P04275	R.MEACM#LN*GTVIGPGK.T
N56	P02763	K.WFYIASAFRN*EEYN*K.S
N109	P25311	K.DIVEYYN*DSNGSHVLQ*GR.F
N324	P27169	K.VTQ*VYAEN*GTVLQGSTVASVYK.G
N64	P20851	K.TLFCN*ASKEWDN*TTTECR.L
N71	P20851	K.TLFCN*ASKEWDN*TTTECR.L
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPN*YPKYPENSR.C
N308	P00747	R.GNVAVTVSGHTCQHWSAQTPTHN*R.T
N344	Q13201	K.KIDN*ISLTVNDVR.N
N79	P02750	R.SDHGSSISCQ*PPAEIPGYLPADTVHLAVEFFN*LTHLPAN*LLQ*GASK.L
N43	P07357	R.AATPAAVTCQ*LSN*WSEWTD CFP CQ*DKK.Y
N90	P01833	R.ANLTN*FPEN*GTFVVNIAQLSQDDSGR.Y
N421	P01833	R.LSLLEEPGN*GTFTVILNQLTSR.D
N348	P22792	K.LYLGSNN*LTALHPALFQN*LSKLELLSLSK.N
N359	P22792	K.LYLGSNN*LTALHPALFQN*LSKLELLSLSK.N
N150	P43251	R.FN*DTEVLQR.L
N199	P17936	K.VDYESQSTDTQN*FSSESK.R
N382	Q96KN2	R.LVPHM#N*VSAVEK.Q
N162	P05160	K.EHETCLAPELYNGN*YSTTQK.T
N545	P05160	K.HGVIISSVDTYEN*GSSVEYR.C
N91	Q9Y6R7	K.VTVRPGESVMVN*ISAK.A
N25	Q9NZT1	K.AFSAVDTDGN*GTINAQELGAALK.A
N513	P06276	K.YGNPNETQN*N*STSWPVFK.S
N44	P04180	K.AELSN*HTRPVILVPGCLGNQLEAK.L
N666	Q8IZF2	K.LNLVPGEN*ITCQDPVIGVGEPEGK.V
N275	P07333	K.VLTLNLDQ*VDFQHAGN*YSCVASNVQGK.H
N290	P04070	K.EV FVHPN*YSK.S
N111	P12821	K.ELYEPIWQN*FTDPQLR.R
N88	Q9NTU7	R.STNHEPSEMSN*K.T
N666	Q16853	R.KEEEPSSSSVFNQNDPWAPTVD FSDFINN*ETIAGK.D
N241	Q16620	K.HMN*ETSHTQGSLR.I
N136	P54289	K.DDL DPEKN*DSEPGSQ*R.I
N196	Q9UHG3	K.LLHALGGDDFLGMLN*R.T
N113	Q9BY67	K.VSLTN*VSISDEGR.Y
N446	Q07954	R.FN*STEYQVVTR.V
N403	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N409	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N1159	Q92954	R.N*GTLVAFR.G

<b>Site</b>	<b>Protein</b>	<b>Modified Sequence</b>
N1581	P35555	K.AWGTPCEMCPAVN*TSEYK.I

Table S7. *N*-glycopeptides enriched by poly(IM)@MAR from 2  $\mu$ L of human serum digest

<b>Site</b>	<b>Protein</b>	<b>Modified Sequence</b>
N983	P04114	K.QVFPGLNYCTSGAYSN*ASSTDSASYPLTGDTR.L
N3895	P04114	R.FEVDSPVYN*ATWSASLK.N
N185	P04114	K.QVLFLDTVYGN*CSTHFTVK.T
N2239	P04114	K.TIHDLHLFIENIDFN*K.S
N3336	P04114	K.ELCTISHIFIPAM#GN*ITYDFSFK.S
N2779	P04114	K.IQSPLFTLDANADIGN*GTTSANEAGIAASITAK.G
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSANEAGIAASITAK.G
N2779	P04114	K.IQ*SPLFTLDAN*ADIGN*GTTSAN*EAGIAASITAK.G

Site	Protein	Modified Sequence
N3336	P04114	K.ELCTISHIFIPAMGN*ITYDFSFK.S
N3411	P04114	K.FVEGSHN*STVSLTTK.N
N1523	P04114	R.FN*SSYLQGTN*QITGR.Y
N3465	P04114	K.YDFN*SSM#LYSTAK.G
N2982	P04114	R.VNQNLVYESGSLN*FSK.L
N3411	P04114	K.LATALSLSNKFVEGSHN*STVSLTTK.N
N3465	P04114	K.YDFN*SSMLYSTAK.G
N271	P01009	K.YLGN*ATAIFFLPDEGK.L
N107	P01009	K.ADTHDEILEGLNFN*LTEIPEAQIHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQ*IHEGFQELLR.T
N271	P01009	K.YLGN*ATAIFFLPDEGKLQHLENELTHDIITK.F
N271	P01009	K.YLGN*ATAIFFLPDEGKLQHLEN*ELTHDIITK.F
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAM#LSLGTK.A
N70	P01009	R.QLAHQSN*STNIFFSPVSIATAFAMLSLGTK.A
N107	P01009	K.ADTHDEILEGLNFN*LTEIPEAQ*IHEGFQ*ELLR.T
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQELLR.T
N107	P01009	K.ADTHDEILEGLNFN*LTEIPEAQ*IHEGFQELLR.T
N869	P01023	K.SLGNVN*FTVSAEALESQELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGNVN*FTVSAEALESQELCGTEVPSVPEHGRK.K
N869	P01023	K.SLGNVN*FTVSAEALESQ*ELCGTEVPSVPEHGRK.D
N869	P01023	K.SLGN*VN*FTVSAEALESQ*ELCGTEVPSVPEHGRK.K
N869	P01023	K.SLGNVN*FTVSAEALESQ*ELCGTEVPSVPEHGRK.K
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQFSIN*TTNVMGTSLTVR.V
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTNVMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVM#GTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTNVM#GTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQFSINTTN*VMGTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VM#GTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VM#GTSLTVR.V
N396	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N55	P01023	K.GCVLLSYLN*ETVTVSASLESVR.G
N396	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N1424	P01023	K.VSN*QTLSLFFTVLQDVPVR.D
N410	P01023	R.GN*EANYYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSINTTN*VMGTSLTVR.V

Site	Protein	Modified Sequence
N410	P01023	R.GNEANYYSNATTDEHGLVQFSIN*TTN*VM#GTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSNATTDEHGLVQ*FSIN*TTN*VM#GTSLTVR.V
N85	P01024	K.TVLTPATNHM#GN*VTFTIPANR.E
N85	P01024	K.TVLTPATN*HM#GN*VTFTIPAN*R.E
N85	P01024	K.TVLTPATNHMGN*VTFTIPANR.E
N85	P01024	K.TVLTPATN*HMGN*VTFTIPANR.E
N128	P01008	K.LGACN*DTLQQLM#EVFK.F
N128	P01008	K.LGACN*DTLQQLMEVFK.F
N224	P01008	K.WVSN*KTEGR.I
N187	P01008	K.SLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQQLM#EVFKFDTISEK.T
N187	P01008	R.LFGDKSLTFN*ETYQDISELVYGAK.L
N128	P01008	K.LGACN*DTLQ*QLMEVFK.F
N128	P01008	K.LGACN*DTLQQLMEVFKFDTISEK.T
N187	P01008	K.SLTFN*ETYQ*DISELVYGAK.L
N224	P01008	R.AAINKWVSN*KTEGR.I
N440	P01871	K.STGKPTLYN*VSLVM#SDTAGTCY.-
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N440	P01871	K.STGKPTLYN*VSLVMSDTAGTCY.-
N46	P01871	K.YKN*NSDISSTR.G
N272	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N279	P01871	K.THTN*ISESHPN*ATFSAVGEASICEDDWN*SGER.F
N46	P01871	K.YKN*N*SDISSTR.G
N272	P01871	K.THTN*ISESHPNATFSAVGEASICEDDWN*SGER.F
N209	P01871	R.GLTFQQ*N*ASSMCVPDQDTAIR.V
N209	P01871	R.GLTFQQN*ASSM#CVPDQDTAIR.V
N209	P01871	R.GLTFQQN*ASSMCVPDQDTAIR.V
N209	P01871	R.GLTFQQ*N*ASSMCVPDQ*DTAIR.V
N209	P01871	R.GLTFQQN*ASSMCVPDQ*DTAIR.V
N209	P01871	R.GLTFQ*QN*ASSMCVPDQDTAIR.V
N180	P01857	R.EEQYN*STYR.V
N180	P01857	K.TKPREEQYN*STYR.V
N180	P01857	R.EEQ*YN*STYR.V
N630	P02787	R.QQHLFGSN*VTDCSGNFCLFR.S
N630	P02787	R.QQHLFGSN*VTDCSGN*FCLFR.S
N432	P02787	K.CGLVPVLAENYN*K.S
N432	P02787	K.CGLVPVLAEN*YN*K.S
N1007	P02751	K.LDAPTNLQFVN*ETDSTVLVR.W

Site	Protein	Modified Sequence
N528	P02751	R.DQCIVDDITYNVN*DTFHK.R
N1007	P02751	K.LDAPTNLQ*FVN*ETDSTVLVR.W
N542	P02751	R.HEEGHM#LN*CTCFGQGR.G
N542	P02751	K.RHEEGHMLN*CTCFGQGR.G
N430	P02751	R.GGN*SNGALCHFPFLYNNHN*YTDCTSEGR.R
N430	P02751	R.GGN*SN*GALCHFPFLYN*N*HN*YTDCTSEGR.R
N1095	P08603	R.SPYEMFGDEEVM#CLN*GN*WTEPPQCK.D
N802	P08603	R.WDPEVN*CSM#AQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVNC SMAQIQLCPPPPQIPN*SHN*MTTTLN.YR.D
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHNMTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQ*IPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQ*IPN*SHN*MTTTLN*YR.D
N529	P08603	K.LN*DTLDYECHDGYESN*TGSTTGSIVCGYNGWSDLPICYER.E
N1095	P08603	R.SPYEMFGDEEVMCLN*GN*WTEPPQCK.D
N1095	P08603	R.SPYEMFGDEEVM#CLN*GN*WTEPPQ*CK.D
N1095	P08603	R.SPYEMFGDEEVMCLNGN*WTEPPQCK.D
N911	P08603	R.ISEEN*ETTCYM#GK.W
N1029	P08603	K.M#DGASN*VTCINSR.W
N1029	P08603	K.MDGASN*VTCIN*SR.W
N882	P08603	K.IPCSQPPQIEHGTIN*SSR.S
N911	P08603	R.ISEEN*ETTCYMGK.W
N217	P08603	K.SPDVIN*GSPISQK.I
N822	P08603	R.WDPEVNC SM#AQIQLCPPPPQ*IPN*SHN*MTTTLN.YR.D
N184	P00738	K.M#VSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLIN*EQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQWLLTTAK.N
N184	P00738	K.MVSHHN*LTTGATLINEQ*WLLTTAK.N
N241	P00738	K.VVLHPN*YSQ*VDIGLIK.L
N241	P00738	K.VVLHPN*YSQVDIGLIK.L
N211	P00738	K.NLFLNHSEN*ATAK.D
N207	P00738	K.NLFLN*HSENATAK.D
N207	P00738	K.NLFLN*HSEN*ATAK.D
N211	P00738	K.NLFLN*HSEN*ATAK.D
N207	P00738	K.N*LFLN*HSEN*ATAK.D
N211	P00738	K.N*LFLN*HSEN*ATAK.D
N118	P02766	K.ALGISPFHEHAEVVFTAN*DSGPR.R
N1391	P0C0L4	K.N*TTCQDLQIEVTVK.G
N226	P0C0L4	R.FSDGLESN*SSTQFEVK.K

Site	Protein	Modified Sequence
N1328	P0C0L4	R.GLN*VTLSSSTGR.N
N1328	P0C0L4	R.GLN*VTLSSSTGRN*GFK.S
N127	P01011	R.TLN*QSSDELQLSM#GNAMFVK.E
N127	P01011	R.TLN*QSSDELQLSMGNAMFVK.E
N106	P01011	K.FN*LTETSEAEIHQSFQHLLR.T
N271	P01011	K.YTGN*ASALFILPDQ*DKMEEVEAMLLPETLK.R
N127	P01011	R.TLN*QSSDELQ*LSMGNAMFVK.E
N127	P01011	R.TLN*Q*SSDELQLSMGN*AMFVK.E
N93	P01011	K.NVIFSPLSISTALAFSLGAHN*TTLTEILK.G
N127	P01011	R.TLN*Q*SSDELQLSMGNAMFVK.E
N358	P00450	K.AGLQAFFQVQECN*K.S
N397	P00450	K.EN*LTAPGSDSAVFFEQGTTR.I
N762	P00450	K.ELHHLQEQN*VSNAFLDKGEFYIGSK.Y
N138	P00450	K.EHEGAIYPDND*TTDFQR.A
N762	P00450	K.ELHHLQEQN*VSN*AFLDK.G
N762	P00450	K.ELHHLQEQN*VSNAFLDK.G
N86	P10909	K.KKEDALN*ETR.E
N103	P10909	K.ELPGVCN*ETM#MALWEECKPCLK.Q
N103	P10909	K.LKELPGVCN*ETMMALWEECKPCLK.Q
N103	P10909	K.ELPGVCN*ETMM#ALWEECKPCLK.Q
N103	P10909	K.ELPGVCN*ETMMALWEECKPCLK.Q
N86	P10909	K.KEDALN*ETR.E
N354	P10909	K.MLN*TSSLLEQLN*EQFNWVSR.L
N354	P10909	K.M#LN*TSSLLEQLNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQLNEQFNWVSR.L
N354	P10909	K.MLN*TSSLLEQ*LNEQFNWVSR.L
N86	P10909	K.EDALN*ETR.E
N374	P10909	R.LAN*LTQGEDQ*YYLR.V
N374	P10909	R.LAN*LTQGEDQYYLR.V
N253	P05155	R.VLSN*NSDANLELINTWVAK.N
N352	P05155	K.AKVGQLQLSHN*LSLVILVPQNLK.H
N352	P05155	K.VGQLQLSHN*LSLVILVPQNLK.H
N253	P05155	R.VLSN*NSDAN*LELINTWVAK.N
N25	P05155	R.ASSNPN*ATSSSSQDPESLQDR.G
N238	P05155	R.DTFVN*ASR.T
N288	P02774	K.LCDN*LSTK.N
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNM#NK.N
N285	P19827	K.ICDLLVANNHFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVAN*NHFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTNM#NK.N
N285	P19827	K.ICDLLVANN*HFAHFFAPQN*LTNMNK.N

Site	Protein	Modified Sequence
N176	P02765	K.AALAAFNAQNN*GSN*FQLEEISR.A
N176	P02765	K.AALAAFNAQNN*GSNFQLEEISR.A
N176	P02765	K.AALAAFNAQ*NN*GSNFQLEEISR.A
N176	P02765	K.AALAAFNAQN*N*GSNFQLEEISR.A
N156	P02765	R.KVCQDCPLLAPLN*DTR.V
N156	P02765	K.VCQDCPLLAPLN*DTR.V
N517	Q14624	K.LPTQ*N*ITFQ*TESSVAEQEAEFQSPK.Y
N517	Q14624	K.LPTQN*ITFQTESSVAEQEAEFQSPK.Y
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQEAEFQSPK.Y
N81	Q14624	K.KAFITN*FSMIIDGMTYPGIK.E
N81	Q14624	K.AFITN*FSM#IIDGMTYPGIK.E
N81	Q14624	K.AFITN*FSMIIDGMTYPGIK.E
N517	Q14624	K.LPTQN*ITFQ*TESSVAEQ*EAEFQSPK.Y
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQEAEFQSPK.Y
N340	P01876	R.LAGKPTHVN*VSVVMAEVDGTCY.-
N144	P01876	R.LSLHRPALEDLLLGSEAN*LTCTLTGLR.D
N340	P01876	R.LAGKPTHVN*VSVVM#AEVDGTCY.-
N125	P04196	R.VIDFN*CTTSSVSSALAN*TK.D
N125	P04196	R.VIDFN*CTTSSVSSALANTK.D
N345	P04196	R.HSHN*NN*SSDLHPHK.H
N344	P04196	R.HSHNN*N*SSDLHPHK.H
N344	P04196	R.HSHNN*NSSDLHPHK.H
N65	P05090	R.CIQAN*YSLM#EN*GK.I
N65	P05090	R.CIQAN*YSLMENGK.I
N65	P05090	R.CIQAN*YSLMEN*GK.I
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAK.L
N98	P05090	R.ADGTVNQ*IEGEATPVN*LTEPAK.L
N65	P05090	R.CIQ*AN*YSLMEN*GK.I
N98	P05090	R.ADGTVNQ*IEGEATPVN*LTEPAKLEVK.F
N98	P05090	R.ADGTVNQIEGEATPVN*LTEPAKLEVK.F
N183	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTK.L
N183	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTKLPECR.E
N193	P02749	R.DTAVFECLPQHAMFGN*DTITCTTHGN*WTKLPECR.E
N183	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAMFGN*DTITCTTHGN*WTK.L
N162	P02749	R.VYKPSAGN*NSLYR.D
N162	P02749	R.VYKPSAGN*N*SLYR.D
N253	P02749	K.LGN*WSAM#PSCK.A
N183	P02749	R.DTAVFECLPQ*HAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQ*HAM#FGN*DTITCTTHGN*WTK.L

Site	Protein	Modified Sequence
N183	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N193	P02749	R.DTAVFECLPQHAM#FGN*DTITCTTHGN*WTK.L
N294	P01042	K.LNAENN*ATFYFK.I
N205	P01042	R.ITYSIVQTN*CSK.E
N294	P01042	K.LN*AENN*ATFYFK.I
N169	P01042	R.HGIQYFNN*NTQHSSLFMLNEVK.R
N118	P19823	K.GAFISN*FSMTVDGK.T
N118	P19823	K.GAFISN*FSM#TVDGK.T
N143	P00734	R.YPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQEN*FCR.N
N143	P00734	R.SRYPHKPEIN*STTHPGADLQENFCR.N
N143	P00734	R.YPHKPEIN*STTHPGADLQ*ENFCR.N
N205	P00734	R.SEGSSVN*LSPPLEQCVPDR.G
N416	P00734	K.N*FTENDLLVR.I
N1043	O75882	K.MPSQAPTGNFYQPQLN*SSM#CLEDSR.Y
N1043	O75882	K.MPSQAPTGNFYQPQLN*SSMCLEDSR.Y
N1082	O75882	K.CEN*LTTGK.H
N1073	O75882	K.CIN*Q*SICEK.C
N264	O75882	K.ISN*SSDTVECECSENWK.G
N914	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N923	O75882	K.AATCINPLN*GSVCERPAN*HSAK.Q
N731	O75882	R.N*HSCSEGQISIFR.Y
N1054	O75882	R.YN*WSFIHCPACQCN*GHSK.C
N383	O75882	R.EWLPLN*R.S
N240	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.N*GTGHGN*STHHGPEYM#R.C
N453	P02790	K.ALQPQN*VTSLLGCTH.-
N453	P02790	K.ALQPQ*N*VTSLLGCTH.-
N64	P02790	R.CSDGWSFDATLDDN*GTMLFFK.G
N240	P02790	R.N*GTGHGN*STHHGPEYMR.C
N246	P02790	R.N*GTGHGN*STHHGPEYMR.C
N187	P02790	R.SWPAVGN*CSSALR.W
N221	P04003	R.FSLLGHASISCTVEN*ETIGVWRPSPPTCEK.I
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPENVTIQCDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T



Site	Protein	Modified Sequence
N528	P04003	R.LSVDKDQYVEPEN*VTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N285	P00751	R.KIVLDPSGSMN*IYLVLDGSDSIGASN*FTGAK.K
N285	P00751	R.KIVLDPSGSMNIYLVLDGSDSIGASN*FTGAK.K
N285	P00751	K.IVLDPSGSMNIYLVLDGSDSIGASN*FTGAK.K
N285	P00751	K.IVLDPSGSMN*IYLVLDGSDSIGASN*FTGAK.K
N93	P02763	R.QDQ*CIYN*TTYLVNQR.E
N72	P02763	K.SVQEIQATFFYFTPN*KTEDTIFLR.E
N93	P02763	R.QDQCIYN*TTYLVNQR.E
N363	P04217	R.FQ*SPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N371	P04217	R.FQ*SPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N371	P04217	R.FQ*SPAGTEALFELHNISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N363	P04217	R.FQSPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N371	P04217	R.FQSPAGTEALFELHN*ISVADSAN*YSCVYVDLKPPFGGSAPSER.L
N112	P06681	R.LGSYPVGGN*VSFECEDGFILR.G
N621	P06681	K.QSVPAHFVALN*GSK.L
N467	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N471	P06681	K.LTDTICGVGN*MSAN*ASDQER.T
N651	P06681	K.TM#FPN*LTDVR.E
N651	P06681	K.TMFPN*LTDVR.E
N415	P02748	R.AVN*ITSENLIDDVVSLIR.G
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQ*VGGPSLTSDLQAQSK.G
N86	P04004	K.NN*ATVHEQVGGPSLTSDLQAQ*SK.G
N177	P05156	K.LSDLN*STECLHVHCR.G
N103	P05156	K.FLNN*GTCTAEGK.F
N103	P05156	K.FLN*N*GTCTAEGK.F
N402	P43652	R.YAEDKFN*ETTEK.S
N33	P43652	R.DIENFN*STQK.F
N33	P43652	R.DIEN*FN*STQK.F
N252	P51884	R.LSHNELADSGIPGNSFN*VSSLVELDLSYNK.L
N160	P51884	K.LGSFEGLVN*LTFIHLQHNR.L
N88	P51884	K.AFEN*VTDLQWLILDHNLLNSK.I
N127	P51884	K.KLHINHNN*LTESVGPLPK.S
N127	P51884	K.LHINHNN*LTESVGPLPK.S
N127	P51884	K.LHINH*N*LTESVGPLPK.S
N127	P51884	K.LHIN*HNN*LTESVGPLPK.S
N146	P02745	R.NPPMGGNVVIFDTVITNQEEPYN*HSGR.F
N146	P02745	R.N*PPMGGNVVIFDTVITNQEEPYN*HSGR.F
N146	P02745	R.RNPPMGGNVVIFDTVITNQEEPYN*HSGR.F

Site	Protein	Modified Sequence
N146	P02745	R.RNPPMGGNVVIFDTVITNQ*EOPYQ*N*HSGR.F
N49	P05546	K.N*LSMPLLPADPHK.E
N49	P05546	K.GGETAQSADPQ*WEQLN*N*KN*LSMPLLPADPHK.E
N188	P05546	K.DFVN*ASSKYEITTIHNLFR.K
N188	P05546	K.DFVN*ASSK.Y
N49	P05546	K.N*LSM#PLLPADPHK.E
N324	P27169	K.VTQVYAEN*GTVLQGSTVASVYK.G
N324	P27169	K.VTQVYAEN*GTVLQ*GSTVASVYK.G
N324	P27169	K.VTQ*VYAEN*GTVLQ*GSTVASVYK.G
N128	P25311	R.FGCEIENN*R.S
N128	P25311	R.FGCEIEN*N*R.S
N109	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N112	P25311	K.DIVEYYN*DSN*GSHVLQGR.F
N109	P25311	K.DIVEYYN*DSNGSHVLQGR.F
N437	P07357	R.GGSSGWSGGLAQN*R.S
N1067	P07996	K.VVN*STTGPGHELR.N
N360	P07996	K.KVSCPIMPCSN*ATVPDGECCPR.C
N360	P07996	K.VSCPIMPCSN*ATVPDGECCPR.C
N406	P09871	R.YTCEEPYYMEN*GGGGEYHCAGN*GSWVN*EVLGPELPK.C
N406	P09871	R.YTCEEPYYMEN*GGGGEYHCAGN*GSWVNEVLGPELPK.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPNYPKYPENSR.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPNYPKYPEN*SR.C
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPNYPKYPENSR.C
N367	Q96PD5	R.LEPVHLQLQCMSQEQLAQAAN*ATK.E
N485	Q96PD5	R.GFGVAIVGN*YTAALPTEAALR.T
N77	Q96PD5	R.LYHFLLGAWSLN*ATELDPCPLSPELLGLTK.E
N108	P29622	R.SQILEGLGFN*LTESESDVHR.G
N157	P29622	K.FLN*DTM#AVYEAK.L
N238	P29622	K.DFYVDEN*TTVR.V
N453	P03952	R.IYSGILN*LSDITK.D
N308	P03952	K.IYPGVDFGGEELN*VTFVK.G
N396	P03952	R.IVGGTN*SSWGEWPWQVSLQVK.L
N494	P03952	K.LQAPLN*YTEFQKPICLPSK.G
N211	P04275	R.ASPSSSCN*ISSGEM#QK.G
N2635	P04275	R.KTTCNPCPLGYKEEN*NTGECCGR.C
N2223	P04275	R.HCDGN*VSSCGDHPSEGCFPPDK.V
N1515	P04275	K.IGEADFN*R.S
N666	P04275	K.GQVYLQCGTPCN*LTCR.S
N2357	P04275	R.GLQPTLTNPGECPN*FTCACR.K
N369	P08185	K.AVLQLNEEGVDTAGSTGVTLN*LTSKPIILR.F
N96	P08185	R.AQLLQGLGFN*LTER.S

Site	Protein	Modified Sequence
N369	P08185	K.AVLQLN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N186	P02750	R.KLPPGLLAN*FTLLR.T
N325	P02750	K.M#FSQN*DTR.C
N325	P02750	K.MFSQN*DTR.C
N243	P07358	K.EYESYDFERN*VTEK.M
N119	P43251	K.DVQIIVFPEDGIHGFN*FTR.T
N402	P43251	K.WNVNAPPTFHSEMMYDN*FTLVVPWGK.E
N349	P43251	K.NPVGLIGAEN*ATGETDPSHSK.F
N203	P43251	R.YQFNTNVVFSNN*GTLVDR.Y
N170	P01019	R.LQAILGVPWKDKN*CTSR.L
N47	P01019	R.VYIHPFHLVIHN*ESTCEQLAK.A
N1075	Q13201	R.HPFTGDN*CTIK.L
N507	Q13201	R.SILYYESLN*K.T
N114	Q13201	K.LQN*LTLPTN*ASIK.F
N120	Q13201	K.LQN*LTLPTN*ASIK.F
N136	Q13201	K.FNPGAESVVLSN*STLK.F
N90	P01833	R.ANLTN*FPEN*GTFVVN*IAQLSQDDSGR.Y
N186	P01833	K.QIGLYPVLVIDSSGYVNPV*YTGR.I
N421	P01833	R.LSLLEEPGN*GTFTVILNQLTSR.D
N64	P20851	K.TLFCN*ASK.E
N98	P20851	R.LGHCPDPVLVNGEFSSSGPVN*VSDK.I
N98	P20851	R.LGHCPDPVLVN*GEFSSSGPVN*VSDK.I
N174	P49908	K.CGN*CSLTTLK.D
N174	P49908	K.CGN*CSLTTLKDEDFCKR.V
N174	P49908	K.CGN*CSLTTLKDEDFCKR.R
N83	P49908	K.EGYSN*ISYIVVN*HQGISSR.L
N580	Q06033	R.KNAHGEEKEN*LTAR.A
N580	Q06033	K.NAHGEEKEN*LTAR.A
N580	Q06033	K.N*AHGEEKEN*LTAR.A
N165	P05543	K.TLYETEVFSTDFSN*ISAAK.Q
N36	P05543	K.VTACHSSQPN*ATLYK.M
N135	O95445	K.TELFSSSCPGGIM#LN*ETGQGYQR.F
N135	O95445	K.TELFSSSCPGGIMLN*ETGQGYQR.F
N135	O95445	K.TELFSSSCPGGIMLN*ETGQ*GYQR.F
N91	Q9Y6R7	K.VTVRPGESVMVN*ISAK.A
N1743	Q9Y6R7	R.VVTVAALGTN*ISIHKDEIGK.V
N5186	Q9Y6R7	R.YLPVN*SSLLTSDCSER.C
N348	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N359	P22792	K.LYLGSNN*LTALHPALFQN*LSK.L
N74	P22792	R.AFGSNPN*LTK.V
N398	P55058	R.IYSN*HSALESALAIPLQAPLK.T

Site	Protein	Modified Sequence
N143	P55058	K.VSN*VSCQASVSR.M
N64	P55058	K.EGHFYYN*ISEVK.V
N514	P00736	K.EHEAQSN*ASLDVFLGHTNVEELMK.L
N221	P00736	R.CN*YSIR.V
N551	Q08380	K.AAIPSAALDTN*SSK.S
N398	Q08380	K.GLN*LTEDTYKPR.I
N192	Q08380	K.EPGSN*VTMSVDAECVPMVR.D
N184	P09172	R.SLEAIN*GSGLQM#GLQR.V
N184	P09172	R.SLEAIN*GSGLQMGLQR.V
N184	P09172	R.SLEAIN*GSGLQ*MGLQR.V
N98	P23142	R.CATPHGDN*ASLEATFVK.R
N199	P17936	K.VDYESQSTDTQN*FSSESK.R
N116	P17936	R.GLCVN*ASAVSR.L
N136	P17936	R.AYLLPAPPAPGN*ASESEEDR.S
N285	P36955	K.VTQN*LTIEESLTSEFIHDIDR.E
N126	P03951	K.GINYN*SSVAK.S
N491	P03951	K.LETTVN*YTDSQRPICLPSKGDR.N
N491	P03951	K.LETTVN*YTDSQRPICLPSK.G
N71	P01591	R.EN*ISDPTSPLR.T
N369	P06276	K.DN*NSIITR.K
N284	P06276	R.EN*ETEIK.C
N85	P06276	K.WSDIWN*ATK.Y
N37	P07359	R.N*LTALPPDLPK.D
N189	O75636	R.VELEDFNGN*R.T
N189	O75636	R.VELEDFN*GN*R.T
N821	P12259	K.NSVLN*SSTAIEHSSPYSEDPIEDPLQPDVTGIR.L
N162	P05160	R.KEHETCLAPELYN*GN*YSTTQK.T
N162	P05160	R.KEHETCLAPELYN*GN*YSTTQ*K.T
N356	P13473	R.VQPFN*VTQGK.Y
N257	P13473	K.VASVININPN*TTHSTGSCR.S
N295	Q9UK55	K.LPYQGN*ATMLVVLMEK.M
N104	P14151	K.IGGIWTWVGTN*K.S
N60	P14151	R.FCRDN*YTDLVAIQNK.A
N396	P04278	R.SHEIWTHSCPQSPGN*GTDASH.-
N380	P04278	R.LDVDQALN*R.S
N1511	Q07954	K.WTGHN*VTVVQR.T
N3333	Q07954	R.TCVSN*CTASQFVCK.N
N368	P35858	K.AGAFLGLTNVAVMN*LSGNCLR.N
N659	P80108	K.LGTSLSGSHVLMN*GTLK.Q
N307	P80108	R.N*LTTSLETESVDR.N
N145	Q8NI99	R.VLN*ASAEAQR.A

Site	Protein	Modified Sequence
N58	Q8NI99	R.ATPEAAN*ASELAALR.M
N599	Q15063	K.EVN*DTLLVNELK.S
N552	Q76LX8	R.CQVCGGDN*STCSPR.K
N707	Q76LX8	R.WVN*YSCLDQAR.K
N153	P13598	R.GN*ETLHYETFGK.A
N47	P13598	K.GSLEVN*CSTTCN*QPEVGGLETSLDK.I
N21953	Q8WZ42	K.GSDQWTHITTVKGLECVVRN*LTEGEEYTFQ*VMAVN*SAGR.S
N92	P0DP01	R.N*TSISTAYMELSSLR.S
N136	Q9UGM5	R.VLYLAAYN*CTLRPVS.K
N275	P07333	K.VLTLN*LDQ*VDFQ*HAGN*YSCVASNVQGK.H
N169	Q14515	R.N*YSHHQLNR.S
N282	P08571	R.CMWSSALNSLN*LSFAGLEQVPK.G
N442	P33151	R.EVYPWYN*LTVEAK.E
N353	O95497	K.LTGVAGN*YTVCQK.D
N365	P19320	R.SEGTN*STLTLSPVSFEN*EHSYLCTVTCGHK.K
N296	P04180	R.MAWPEDHVFISTPSFN*YTGR.D
N459	P13591	R.DGQLLPSSN*YSNIK.I
N433	P00748	R.N*HSCEPCQTLAVR.S
N63	P55056	K.ELLETVVN*R.T
N182	Q14126	K.IN*ATDADEPNTLNSK.I
N102	O75144	R.LFN*VTPQDEQK.F
N88	Q9NTU7	R.STNHEPSEMSN*K.T
N136	P54289	K.DDLDPKKN*DSEPGSQ*R.I
N509	P12821	R.N*ETHFDAGAK.F
N196	Q9UHG3	K.LLHALGGDDFLGMLN*R.T
N296	Q9Y5C1	R.IDGSQNFN*ETWENYK.Y
N108	Q02985	R.KFVQGN*STEVACHPGYGLPK.A
N78	P41222	K.SVVAPATDGGLN*LTSTFLR.K
N85	P80188	K.SYN*VTSVLFR.K
N1178	Q9NY15	R.SLEAQGN*SSHLDADTVR.H
N1279	P07942	K.LSDTTSQSN*STAK.E
N411	P16109	R.AFQYDTN*CSFR.C
N248	Q13508	R.ITLIPLN*EVFQVSQEGAGNNLILQ*SIN*K.T
N1027	Q86VB7	K.EDAAVN*CTDISVQK.T
N234	P15144	K.AEFN*ITLIHPK.D
	Site	Modified Sequence
N2239	P04114	K.TIHDLHLFIENIDFN*KSGSSTASWIQ*NVDTK.Y
N2560	P04114	K.N*LTDFAEQYSIQDWAK.R
N3101	P04114	K.YNQN*FSAGN*NENIM#EAHVGINGEANLDFLNIPLTIPEM#R.L
N2779	P04114	K.IQSPLFTLDANADIGN*GTTSAN*EAGIAASITAK.G
N3358	P04114	K.SSVITLNTNAELFN*QSDIVAHLLSSSSSSVIDALQYK.L

Site	Protein	Modified Sequence
N4237	P04114	K.VHN*GSEILFSYFQDLVITLPEL.R.K
N2779	P04114	K.IQSPLFTLDAN*ADIGN*GTTSAN*EAGIAASITAK.G
N185	P04114	K.Q*VLFLDTVYGN*CSTHFTVK.T
N1523	P04114	R.FN*SSYLQGTNQTGR.Y
N1523	P04114	R.FN*SSYLQ*GTNQTGR.Y
N107	P01009	K.ADTHDEILEGLN*FN*LTEIPEAQIHEGFQ*ELLR.T
N869	P01023	K.SLGN*VN*FTVSAEALQSQELCGTEVPSVPEHGR.K
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSINTTN*VMGTSLTVR.V
N410	P01023	R.GN*EAN*YYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEAN*YYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEANYYSNATTDEHGLVQ*FSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GNEANYYSNATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N1424	P01023	R.TEVSSN*HVLIIYLDKVSQ*Q*TLSLFFTVLQ*DVPVR.D
N396	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N410	P01023	R.GN*EANYYSN*ATTDEHGLVQFSIN*TTN*VMGTSLTVR.V
N85	P01024	K.TVLTPATNHMGN*VTFTIPAN*R.E
N187	P01008	K.LVSANRLFGDKSLTFN*ETYQDISLVYGA.L
N128	P01008	K.LGACN*DTLQ*Q*LMEVFKFDTISEK.T
N128	P01008	K.LGACN*DTLQQ*LMEVFK.F
N279	P01871	K.THTNISESHPN*ATFSAVGEASICEDDWNNGER.F
N46	P01871	K.N*N*SDISSTR.G
N209	P01871	R.GLTFQQ*N*ASSM#CVPDQ*DTAIR.V
N209	P01871	R.GLTFQQN*ASSM#CVPDQ*DTAIR.V
N802	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSM#AQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*M#TTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPNSHN*M#TTTLN*YR.D
N822	P08603	R.WDPEVNCMAQIQLCPPPPQIPNSHN*MTTTLN*YR.D
N1095	P08603	R.SPYEM#FGDEEVMCLNGN*WTEPPQCK.D
N802	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQ*IQ*LCPPPPQIPNSHN*MTTTLN*YR.D
N802	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPN*SHN*MTTTLN*YR.D
N822	P08603	R.WDPEVN*CSMAQIQLCPPPPQIPN*SHN*MTTTLN*YR.D
N529	P08603	K.LN*DTLDYECHDGYESN*TGSTTGSIVCGYN*GWSLDPICYER.E
N1095	P08603	R.SPYEMFGDEEVMCLN*GN*WTEPPQ*CK.D
N1029	P08603	K.MDGASN*VTCINSR.W
N882	P08603	K.IPCSQPPQ*IEHGTIN*SSR.S

Site	Protein	Modified Sequence
N882	P08603	K.IPCSQ*PPQ*IEHGTIN*SSR.S
N882	P08603	K.IPCSQ*PPQIEHGTIN*SSR.S
N184	P00738	K.MVSHHN*LTTGATLIN*EQ*WLLTTAK.N
N271	P01011	K.YTGN*ASALFILPDQDK.M
N106	P01011	K.GLKFN*LTETSEAEIHQSFQHLLR.T
N127	P01011	R.TLN*QSSDELQLSMGN*AMFVK.E
N271	P01011	K.YTGN*ASALFILPDQDKMEEVEAMLLPETLK.R
N186	P01011	K.KLINDYVKN*GTR.G
N81	Q14624	K.KAFITN*FSMIIDGMTYPGIIKEK.A
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQAEFQ*SPK.Y
N517	Q14624	K.LPTQ*N*ITFQTESSVAEQ*EAEFQSPK.Y
N528	P04003	R.LSVDKDQYVEPENVTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPENVTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQCDSGYGVVGPQSITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPENVTIQ*CDSGYGVVGPQSITCSGN*R.T
N506	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQYVEPEN*VTIQCDSGYGVVGPQ*SITCSGN*R.T
N506	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N528	P04003	R.LSVDKDQ*YVEPEN*VTIQ*CDSGYGVVGPQ*SITCSGN*R.T
N762	P00450	K.ELHHLQEQN*VSN*AFLDKGEFYIGSK.Y
N358	P00450	K.AGLQAFFQ*VQECN*K.S
N138	P00450	K.EHEGAIYPDN*TTDFQ*R.A
N762	P00450	K.ELHHLQEQN*VSNAFLDK.G
N103	P10909	K.ELPGVCN*ETM#M#ALWEECKPCLK.Q
N291	P10909	R.HN*STGCLR.M
N354	P10909	K.MLN*TSSLLEQLNEQFN*WVSR.L
N354	P10909	K.MLN*TSSLLEQ*LN*EQFNWVSR.L
N240	P02790	R.GHGHRN*GTGHGN*STHHGPEYM#R.C
N246	P02790	R.GHGHRN*GTGHGN*STHHGPEYM#R.C
N453	P02790	K.ALPQ*PQN*VTSLLGCTH.-
N240	P02790	R.GHGHRN*GTGHGN*STHHGPEYMR.C
N246	P02790	R.GHGHRN*GTGHGN*STHHGPEYMR.C
N64	P02790	R.CSDGWSFDATLDDN*GTM#LFFK.G
N253	P02749	K.LGN*WSAMPCK.A
N253	P05155	R.VLSN*N*SDANLELINTWVAK.N
N69	P05155	K.MLFVEPILEVSSLPTN*STTNSATK.I
N253	P05155	R.VLSN*NSDANLELIN*TWVAK.N
N156	P02765	R.KVCQ*DCPLLAPLN*DTR.V
N285	P19827	R.DKICDLLVANN*HFAHFFAPQN*LTNMNK.N
N285	P19827	R.DKICDLLVANNHFAHFFAPQN*LTNMNK.N

Site	Protein	Modified Sequence
N285	P19827	K.ICDLLVANNHFAHFFAPQ*N*LTNMNK.N
N588	P19827	R.AN*LSSQ*ALQ*M#SLDYGFVTPLTSM SIR.G
N428	O75882	R.VFHIHN*ESWVLLTPK.A
N1198	O75882	R.DLDMFIN*ASK.N
N1043	O75882	K.MPSQ*APTGNFYQPQLN*SSMCLEDSR.Y
N300	O75882	R.GICN*SSDVR.G
N1073	O75882	K.CIN*QSICEK.C
N416	O75882	K.IDSTGN*VTN*ELR.V
N416	O75882	K.IDSTGN*VTNELR.V
N49	P05546	K.GGETAQSADPQWEQLN*NKN*LSMPLLPADFHK.E
N49	P05546	K.GGETAQ*SADPQWEQLNKN*LSMPLLPADFHK.E
N169	P01042	R.HGIQYFNN*NTQ*HSSLFMLNEVK.R
N252	P51884	R.LSHNELADSGIPGN*SFN*VSSLVELDLSYNK.L
N252	P51884	R.LSHN*ELADSGIPGN*SFN*VSSLVELDLSYNK.L
N127	P51884	K.KLHINHN*N*LTESVGPLPK.S
N467	P06681	K.LTDTICGVGN*MSAN*ASDQ*ER.T
N471	P06681	K.LTDTICGVGN*MSAN*ASDQ*ER.T
N63	P04196	R.IADAHLDRVEN*TTVYYLVLDVQESDCSVLSR.K
N93	P02763	R.QDQCIYN*TTYLN*VQR.E
N86	P04004	K.N*N*ATVHEQVGGPSLTSDLQAQSK.G
N33	P43652	R.DIENFN*STQ*K.F
N98	P05090	R.ADGTVN*QIEGEATPVN*LTEPAK.L
N143	P00734	R.YPHKPEIN*STTHPGADLQEN*FCR.N
N157	P29622	K.FLN*DTMAVYEAK.L
N174	P09871	K.N*CGVN*CSGDVFTALIGEIASPN*YPKYPEN*SR.C
N174	P09871	K.NCGVN*CSGDVFTALIGEIASPN*YPKYPENSRC
N324	P27169	K.VTQ*VYAEN*GTVLQGSTVASVYK.G
N367	Q96PD5	R.LEPVHLQLQCM#SQEQLAQVAAN*ATK.E
N367	Q96PD5	R.LEPVHLQLQCMSQEQ*LAQVAAN*ATK.E
N2635	P04275	K.TTCNPCPLGYKEEN*NTGECCGR.C
N174	P49908	K.KCGN*CSLTTLK.D
N174	P49908	K.KCGN*CSLTTLKDEDFCK.R
N112	P25311	K.DIVEYYNDSN*GSHVLQGR.F
N79	P02750	R.SDHGSSISCQ*PPAEIPGYLPADTVHLAVEFFN*LTHLPANLLQGASK.L
N855	P13671	R.LSSN*STKK.E
N580	Q08380	R.TVIRPFYLTN*SSGVD.-
N69	Q08380	R.ALGFEN*ATQALGR.A
N2138	Q9Y6R7	R.SVTLQIYN*HSLTLSAR.W
N1830	Q9Y6R7	R.NPNN*DQ*VFPN*GTLAPSIPIWGGSWR.A
N369	P08185	K.AVLQ*LN*EEGVDTAGSTGVTLN*LTSKPIILR.F
N70	P05156	K.N*GTAVCATN*RR.S



Site	Protein	Modified Sequence
N70	P05156	K.N*GTAVCATNR.R
N253	P05543	K.TTTVQVPMMHQ*MEQ*YYHLVDMELN*CTVLQMDYSK.N
N64	P20851	K.KTLFCN*ASK.E
N348	P22792	K.LYLGSNN*LTALHPALFQ*NLSK.L
N162	P05160	K.EHETCLAPELYNGN*YSTTQK.T
N143	P55058	K.VSN*VSCQ*ASVSR.M
N83	P01833	R.AN*LTN*FPEN*GTFVFN*IAQ*LSQDDSGR.Y
N90	P01833	R.AN*LTN*FPEN*GTFVFN*IAQ*LSQDDSGR.Y
N186	P01833	K.Q*IGLYPVLVIDSSGYVNPV*YTGR.I
N444	Q16610	K.HIPGLIHN*MTAR.C
N25	Q9NZT1	K.AFSAVDTDGN*GTINAQELGAALK.A
N73	Q96IY4	K.KQVHFFVN*ASDVDNVK.A
N73	Q96IY4	K.QVHFFVN*ASDVDNVK.A
N686	P02671	R.MDGSLNFN*R.T
N101	Q9BY67	R.FQLLN*FSSSELK.V
N113	Q9BY67	K.VSLTN*VSISDEGR.Y
N638	P55290	K.IN*NTHALVSLQLNLK.A
N530	P55290	R.YSVYKDPAGWLNINPIN*GTVDTTAVLDR.E
N462	Q14126	R.YVQN*GTYTEVK.I
N176	P13598	K.AAPAPQEATATFN*STADR.E
N379	P40189	K.SHLQN*YTVN*ATK.L
N383	P40189	K.SHLQN*YTVN*ATK.L
N131	P40189	K.N*LSCIVNEGK.K
N128	P15144	K.KLN*YTLSQGHR.V
N818	P15144	R.N*ATLVNEADK.L
N575	O00391	R.N*STLDPGKPEMMK.S
N94	P80108	K.FHDVSESTHWTPFLN*ASVHYIR.E
N321	P80108	R.NIN*YTER.G
N385	P48740	R.NN*LTTYK.S
N178	P48740	R.FGYILHTDN*R.T
N816	Q13201	R.DEKLN*QSNFQK.M
N615	P26927	K.GTGN*DTVLNVALLNVISNQEENIK.H
N296	P26927	R.GTAN*TTTAGVPCQR.W
N181	P40197	K.LLDLSGN*N*LTHLPK.G
N181	P40197	K.LLDLSGNN*LTHLPK.G
N180	Q9UK55	K.ETFFN*LSK.R
N57	P16070	K.AFN*STLPTMAQMEK.A
N457	Q12860	K.GTEWLVN*SSR.I
N474	O15394	R.YN*CTATNHIGTR.F
N1159	Q92954	R.N*GTLVAFR.G
N203	Q92820	K.N*FTMNEK.L

Site	Protein	Modified Sequence
N62	P11279	K.N*MTFDLPSDATVVVLN*R.S
N76	P11279	K.N*MTFDLPSDATVVVLN*R.S
N145	P05362	R.AN*LTVVLLR.G
N202	Q15223	R.NPN*GTVTVISR.Y
N1107	P11047	R.VN*NTLSSQISR.L
N378	Q9NZK5	R.NILDALMLN*TTR.I
N257	P11597	K.N*VSEDLPLPTFSPTLLGDSR.M
N405	Q9HBB8	R.ITN*HSHFR.M
N156	P02788	R.TAGWNVPIGTLRPFLN*WTGPPEPIEAAVAR.F
N931	Q9Y4L1	R.AEPLN*ASASDQGEK.V
N241	Q16620	K.HMN*ETSHTQGSRL.I
N1027	Q86VB7	R.WGHSECGHKEDA AVN*CTDISVQK.T
N435	P11717	R.MSVINFECN*K.T
N413	Q12913	K.IHVAGETDSSNLN*VSEPR.A
N150	O14786	K.RGPECSQN*YTTPSGVIK.S
N151	P08571	R.N*VSWATGR.S
N299	Q01459	K.QIN*SSISGNLWDKDQR.A
N143	Q86SQ4	K.GFN*ASYIR.V
N3358	P04114	K.SSVITLNTN*AELFN*Q*SDIVAHLLSSSSSVIDALQYK.L
N1424	P01023	R.TEVSSNHVLIYLDKVS N*Q*TL SLFFT VLQ*DVPVR.D
N630	P02787	R.QQQ*HLFGSN*VTDCSGN*FCLFR.S
N430	P02751	R.GGNSN*GALCHFPFLYNNHN*YTDCTSEGR.R
N186	P01011	K.LINDYVKN*GTR.G
N345	P04196	R.HSHNNN*SSDLHPHK.H
N65	P05090	R.CIQAN*YSLM#EN GK.I
N252	P51884	R.LSHNELADSGIPGN*SFN*VSSLVELDLSYN*K.L
N160	P51884	K.LGSFEGLVN*LTFIHLQHN*R.L
N146	P02745	R.NPPMGGNVVIFDTVITNQ*EOPYQN*HSGR.F
N1043	O75882	K.M#PSQAPTGNFY PQ*PLL N*SSMCLEDSR.Y
N1054	O75882	R.YN*WSFIHCPACQCNGH SK.C
N83	P49908	K.KEGYSN*ISYIVVNHQGISSR.L
N857	P04275	K.WN*CTDHVCDATCSTIGMAHYLTFDGLK.Y
N211	P04275	R.ASPSSSCN*ISSGEMQK.G
N125	Q08380	R.DAGVVCTN*ETR.S
N406	P09871	R.YTCEEPYYMENG GGGGEYHCAGN*GSWVNEVLGPELPK.C
N253	P27169	K.HAN*WTL TPLK.S
N71	P20851	K.TLFCN*ASKEWDN*TTTECR.L
N127	P03952	R.GVNFN*VSK.V
N126	P08697	R.AMMAFTADL FSLVAQTSTCPNLILSPLSVALALSHLALGAQN*HTLQR.L
N75	Q9Y6R7	R.LLISSLES PASVSILSQADN*TSKK.V
N2138	Q9Y6R7	R.SVTLQ*IYN*HSLTLSAR.W

Site	Protein	Modified Sequence
N135	O95445	K.TELFSSSCPGGIM#LN*ETGQ*GYQR.F
N245	P55058	R.N*WSLPNR.A
N433	P00748	R.RN*HSCEPCQTLAVR.S
N840	Q13201	R.KYQQN*MSHLEEK.L
N344	Q13201	K.KIDN*ISLTVNDVR.N
N186	P02750	K.LPPGLLAN*FTLLR.T
N368	P35858	K.AGAFGLGLTNVAVM#N*LSGNCLR.N
N170	P01019	K.DKN*CTSR.L
N754	P10643	R.N*YTLTGR.D
N162	P05160	R.KEHETCLAPELYNGN*YSTTQK.T
N509	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N514	P06276	K.YGNPN*ETQNN*STSWPVFK.S
N90	P01833	R.ANLTN*FPEN*GTFVVNIAQLSQDDSGR.Y
N499	P01833	K.WN*NTGCQALPSQDEGPSK.A
N44	P04180	K.AELSN*HTRPVILVPGCLGNQLEAK.L
N412	Q14515	K.KAEN*SSNEEETSSEGNMR.V
N203	P43251	R.YQFN*TNVVFSSNN*GTLVDR.Y
N184	P09172	R.SLEAIN*GSGLQ*M#GLQR.V
N385	P40197	R.N*LSSLESVQLDHN*QLETLPGDVFGALPR.L
N78	P02679	K.VDKDLQSLEDILHQVEN*K.T
N490	Q6UY14	R.LVSGN*LTDR.G
N1115	Q7Z7M0	R.GYQGDGISHCN*R.T
N403	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N409	Q6UXB8	K.SLPNFPN*TSATAN*ATGGR.A
N263	P07339	K.GSLSYLN*VTR.K
N251	P02786	K.DFEDLYTPVN*GSIVIVR.A
N53	Q9Y5Y7	K.ANQQLN*FTEAK.E
N2127	Q07954	K.DN*ATDSVPLR.T
N69	Q53GD3	R.N*STGAYCGMGEN*K.D