

Accession number	Description
IPI00000024	Isoform 1 of Protocadherin-1 precursor
IPI00000024	Isoform 1 of Protocadherin-1 precursor
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000137	N-acetylglucosamine-1-phosphotransferase subunit gamma
IPI00000138	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosami
IPI00000138	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosami
IPI00000138	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosami
IPI00000138	Alpha-1,3-mannosyl-glycoprotein 2-beta-N-acetylglucosami
IPI00000190	CD81 antigen
IPI00000190	CD81 antigen
IPI00000265	hypothetical protein LOC221061
IPI00000265	hypothetical protein LOC221061
IPI00000779	Isoform 1 of ADAM 22 precursor
IPI00000779	Isoform 1 of ADAM 22 precursor
IPI00000779	Isoform 1 of ADAM 22 precursor
IPI00000779	Isoform 1 of ADAM 22 precursor
IPI00000779	Isoform 1 of ADAM 22 precursor
IPI00000816	14-3-3 protein epsilon
IPI00000816	14-3-3 protein epsilon
IPI00000816	14-3-3 protein epsilon
IPI00000824	Isoform A of NT-3 growth factor receptor precursor
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000874	Peroxiredoxin-1
IPI00000949	Mu-crystallin homolog
IPI00000949	Mu-crystallin homolog
IPI00000949	Mu-crystallin homolog
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001516	Isoform Long of Protocadherin alpha C2 precursor
IPI00001611	Isoform 1 of Insulin-like growth factor II precursor
IPI00001611	Isoform 1 of Insulin-like growth factor II precursor
IPI00001611	Isoform 1 of Insulin-like growth factor II precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001662	Opioid-binding protein/cell adhesion molecule precursor
IPI00001734	Isoform 1 of Phosphoserine aminotransferase
IPI00001734	Isoform 1 of Phosphoserine aminotransferase

[illegible]

[illegible]

IPI00003351	Extracellular matrix protein 1 precursor
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003362	Hypothetical protein
IPI00003366	Isoform TrkB of BDNF/NT-3 growth factors receptor precursor
IPI00003366	Isoform TrkB of BDNF/NT-3 growth factors receptor precursor
IPI00003366	Isoform TrkB of BDNF/NT-3 growth factors receptor precursor
IPI00003448	Melanoma-derived growth regulatory protein precursor
IPI00003448	Melanoma-derived growth regulatory protein precursor
IPI00003469	Ig kappa chain V-I region WEA
IPI00003469	Ig kappa chain V-I region WEA
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003590	quiescin Q6 isoform a
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003802	Alpha-mannosidase 2
IPI00003813	Nectin-like protein 2
IPI00003815	Rho GDP-dissociation inhibitor 1
IPI00003865	Isoform 1 of Heat shock cognate 71 kDa protein
IPI00003865	Isoform 1 of Heat shock cognate 71 kDa protein
IPI00003907	Isoform 1 of Protocadherin gamma C5 precursor
IPI00003907	Isoform 1 of Protocadherin gamma C5 precursor
IPI00003907	Isoform 1 of Protocadherin gamma C5 precursor
IPI00003907	Isoform 1 of Protocadherin gamma C5 precursor
IPI00003907	Isoform 1 of Protocadherin gamma C5 precursor
IPI00003919	Glutaminyl-peptide cyclotransferase precursor
IPI00003919	Glutaminyl-peptide cyclotransferase precursor
IPI00003919	Glutaminyl-peptide cyclotransferase precursor
IPI00003919	Glutaminyl-peptide cyclotransferase precursor
IPI00003919	Glutaminyl-peptide cyclotransferase precursor
IPI00004114	Ribonuclease K6 precursor
IPI00004433	Contactin-6 precursor
IPI00004433	Contactin-6 precursor
IPI00004433	Contactin-6 precursor

IPI00004433	Contactin-6 precursor
IPI00004433	Contactin-6 precursor
IPI00004433	Contactin-6 precursor
IPI00004433	Contactin-6 precursor
IPI00004440	Receptor-type tyrosine-protein phosphatase-like N precurs
IPI00004440	Receptor-type tyrosine-protein phosphatase-like N precurs
IPI00004440	Receptor-type tyrosine-protein phosphatase-like N precurs
IPI00004440	Receptor-type tyrosine-protein phosphatase-like N precurs
IPI00004503	LAMP1 protein
IPI00004503	LAMP1 protein
IPI00004503	LAMP1 protein
IPI00004503	LAMP1 protein
IPI00004573	Polymeric-immunoglobulin receptor precursor
IPI00004573	Polymeric-immunoglobulin receptor precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004656	Beta-2-microglobulin precursor
IPI00004669	Polypeptide N-acetylgalactosaminyltransferase 2
IPI00004669	Polypeptide N-acetylgalactosaminyltransferase 2
IPI00004946	chemokine (C-X-C motif) ligand 16
IPI00004946	chemokine (C-X-C motif) ligand 16
IPI00004946	chemokine (C-X-C motif) ligand 16
IPI00005038	Ribonuclease UK114
IPI00005038	Ribonuclease UK114
IPI00005038	Ribonuclease UK114
IPI00005126	Ephrin-B2 precursor
IPI00005126	Ephrin-B2 precursor
IPI00005126	Ephrin-B2 precursor
IPI00005142	Isoform 1 of Basic fibroblast growth factor receptor 1 precu
IPI00005142	Isoform 1 of Basic fibroblast growth factor receptor 1 precu
IPI00005292	Testican-1 precursor
IPI00005292	Testican-1 precursor
IPI00005292	Testican-1 precursor
IPI00005292	Testican-1 precursor
IPI00005292	Testican-1 precursor
IPI00005491	Calsyntenin-2 precursor
IPI00005491	Calsyntenin-2 precursor
IPI00005491	Calsyntenin-2 precursor
IPI00005491	Calsyntenin-2 precursor
IPI00005707	Macrophage mannose receptor 2 precursor
IPI00005707	Macrophage mannose receptor 2 precursor
IPI00005707	Macrophage mannose receptor 2 precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005794	Blood plasma glutamate carboxypeptidase precursor
IPI00005837	Angiopoietin-related protein 1 precursor
IPI00005908	ADAMTS-1 precursor
IPI00005908	ADAMTS-1 precursor
IPI00006009	Isoform 2 of Pleckstrin homology domain-containing family

IPI00006009	Isoform 2 of Pleckstrin homology domain-containing family
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
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IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006114	Pigment epithelium-derived factor precursor
IPI00006128	Testican-2 precursor
IPI00006128	Testican-2 precursor
IPI00006154	Isoform Long of Complement factor H-related protein 2 precursor
IPI00006154	Isoform Long of Complement factor H-related protein 2 precursor
IPI00006524	KIAA0319
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
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IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006601	Secretogranin-1 precursor
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Frag
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Frag
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Frag
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Frag

IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
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IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
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IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006608	Isoform APP770 of Amyloid beta A4 protein precursor (Fraç
IPI00006644	Isoform 2 of Plexin-B1 precursor
IPI00006644	Isoform 2 of Plexin-B1 precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006662	Apolipoprotein D precursor
IPI00006967	Protocadherin-9 precursor
IPI00006967	Protocadherin-9 precursor
IPI00006967	Protocadherin-9 precursor
IPI00006967	Protocadherin-9 precursor
IPI00007047	Protein S100-A8
IPI00007047	Protein S100-A8
IPI00007102	CGI-150 protein
IPI00007102	CGI-150 protein
IPI00007102	CGI-150 protein
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007221	Plasma serine protease inhibitor precursor
IPI00007236	Isoform 2 of Neuroligin-1 precursor
IPI00007236	Isoform 2 of Neuroligin-1 precursor

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IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00007921	Isoform 1 of Neurexin-2-alpha precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008087	Follistatin-related protein 5 precursor
IPI00008207	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha
IPI00008207	Endoplasmic reticulum mannosyl-oligosaccharide 1,2-alpha
IPI00008290	Isoform 1 of Ephrin type-A receptor 5 precursor
IPI00008290	Isoform 1 of Ephrin type-A receptor 5 precursor
IPI00008290	Isoform 1 of Ephrin type-A receptor 5 precursor
IPI00008290	Isoform 1 of Ephrin type-A receptor 5 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008318	Ephrin type-A receptor 4 precursor
IPI00008554	Angiogenin precursor
IPI00008554	Angiogenin precursor
IPI00008558	Plasma kallikrein precursor
IPI00008558	Plasma kallikrein precursor
IPI00008558	Plasma kallikrein precursor
IPI00008586	chondroitin sulfate proteoglycan 5-III
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008787	Alpha-N-acetylglucosaminidase precursor
IPI00008860	Isoform 1 of Complement C1q tumor necrosis factor-relatec

IPI00008860	Isoform 1 of Complement C1q tumor necrosis factor-related
IPI00008944	Isoform 1 of Neuroendocrine protein 7B2 precursor
IPI00008944	Isoform 1 of Neuroendocrine protein 7B2 precursor
IPI00008944	Isoform 1 of Neuroendocrine protein 7B2 precursor
IPI00008944	Isoform 1 of Neuroendocrine protein 7B2 precursor
IPI00008994	Isoform 1 of Protein NDRG2
IPI00008994	Isoform 1 of Protein NDRG2
IPI00008994	Isoform 1 of Protein NDRG2
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009028	Tetranectin precursor
IPI00009030	Isoform LAMP-2A of Lysosome-associated membrane glycoprotein
IPI00009030	Isoform LAMP-2A of Lysosome-associated membrane glycoprotein
IPI00009030	Isoform LAMP-2A of Lysosome-associated membrane glycoprotein
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009362	Secretogranin-2 precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009619	Isoform 2 of Immunoglobulin superfamily member 4B precursor
IPI00009793	Complement component 1, r subcomponent-like variant (Fractin)
IPI00009793	Complement component 1, r subcomponent-like variant (Fractin)
IPI00009794	Calcium binding protein Cab45
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009802	Isoform V0 of Versican core protein precursor
IPI00009890	Glia-derived nexin precursor
IPI00009890	Glia-derived nexin precursor
IPI00009890	Glia-derived nexin precursor

[illegible]

IPI00010471	Plastin-2
IPI00010471	Plastin-2
IPI00010680	Isoform 2 of Fibroblast growth factor receptor 2 precursor
IPI00010680	Isoform 2 of Fibroblast growth factor receptor 2 precursor
IPI00010796	Protein disulfide-isomerase precursor
IPI00010796	Protein disulfide-isomerase precursor
IPI00010849	Beta-casein precursor
IPI00010849	Beta-casein precursor
IPI00010849	Beta-casein precursor
IPI00010849	Beta-casein precursor
IPI00010849	Beta-casein precursor
IPI00010849	Beta-casein precursor
IPI00010896	Chloride intracellular channel protein 1
IPI00010949	Isoform 1 of Sialate O-acetyltransferase precursor
IPI00010949	Isoform 1 of Sialate O-acetyltransferase precursor
IPI00010949	Isoform 1 of Sialate O-acetyltransferase precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011094	Complement C1q tumor necrosis factor-related protein 4 precursor
IPI00011140	Protein NOV homolog precursor
IPI00011140	Protein NOV homolog precursor
IPI00011140	Protein NOV homolog precursor
IPI00011140	Protein NOV homolog precursor
IPI00011140	Protein NOV homolog precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011218	Macrophage colony-stimulating factor 1 receptor precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
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IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011229	Cathepsin D precursor
IPI00011252	Complement component C8 alpha chain precursor
IPI00011252	Complement component C8 alpha chain precursor
IPI00011252	Complement component C8 alpha chain precursor
IPI00011252	Complement component C8 alpha chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor

IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011261	Complement component C8 gamma chain precursor
IPI00011264	Complement factor H-related protein 1 precursor
IPI00011264	Complement factor H-related protein 1 precursor
IPI00011264	Complement factor H-related protein 1 precursor
IPI00011302	CD59 glycoprotein precursor
IPI00011302	CD59 glycoprotein precursor
IPI00011302	CD59 glycoprotein precursor
IPI00011605	Cerebellin precursor
IPI00011605	Cerebellin precursor
IPI00011605	Cerebellin precursor
IPI00011605	Cerebellin precursor
IPI00011605	Cerebellin precursor
IPI00011605	Cerebellin precursor
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011642	Isoform 1 of Receptor-type tyrosine-protein phosphatase de
IPI00011651	Receptor-type tyrosine-protein phosphatase gamma precur
IPI00011651	Receptor-type tyrosine-protein phosphatase gamma precur
IPI00011651	Receptor-type tyrosine-protein phosphatase gamma precur
IPI00011651	Receptor-type tyrosine-protein phosphatase gamma precur
IPI00011662	Kunitz-type protease inhibitor 2 precursor
IPI00011732	Isoform 1 of GDNF family receptor alpha-2 precursor
IPI00011732	Isoform 1 of GDNF family receptor alpha-2 precursor
IPI00011732	Isoform 1 of GDNF family receptor alpha-2 precursor
IPI00011732	Isoform 1 of GDNF family receptor alpha-2 precursor
IPI00011994	Ectonucleotide pyrophosphatase/phosphodiesterase 5 prec
IPI00011994	Ectonucleotide pyrophosphatase/phosphodiesterase 5 prec
IPI00012011	Cofilin-1
IPI00012011	Cofilin-1
IPI00012011	Cofilin-1
IPI00012011	Cofilin-1
IPI00012011	Cofilin-1
IPI00012119	Isoform A of Decorin precursor
IPI00012119	Isoform A of Decorin precursor
IPI00012119	Isoform A of Decorin precursor
IPI00012119	Isoform A of Decorin precursor
IPI00012386	Cochlin precursor
IPI00012386	Cochlin precursor
IPI00012440	Plasma alpha-L-fucosidase precursor
IPI00012440	Plasma alpha-L-fucosidase precursor
IPI00012440	Plasma alpha-L-fucosidase precursor
IPI00012440	Plasma alpha-L-fucosidase precursor
IPI00012440	Plasma alpha-L-fucosidase precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor

IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012503	Isoform Sap-mu-0 of Proactivator polypeptide precursor
IPI00012887	Cathepsin L precursor
IPI00012887	Cathepsin L precursor
IPI00012887	Cathepsin L precursor
IPI00012887	Cathepsin L precursor
IPI00012887	Cathepsin L precursor
IPI00012887	Cathepsin L precursor
IPI00013162	Isoform 1 of OX-2 membrane glycoprotein precursor
IPI00013162	Isoform 1 of OX-2 membrane glycoprotein precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013179	Prostaglandin-H2 D-isomerase precursor
IPI00013299	Neuroblastoma, suppression of tumorigenicity 1
IPI00013299	Neuroblastoma, suppression of tumorigenicity 1
IPI00013299	Neuroblastoma, suppression of tumorigenicity 1
IPI00013299	Neuroblastoma, suppression of tumorigenicity 1
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013303	Limbic system-associated membrane protein precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013682	Isoform 3 of Ecto-ADP-ribosyltransferase 3 precursor
IPI00013698	Acid ceramidase precursor
IPI00013698	Acid ceramidase precursor
IPI00013933	Isoform DPI of Desmoplakin
IPI00013933	Isoform DPI of Desmoplakin
IPI00013933	Isoform DPI of Desmoplakin
IPI00013933	Isoform DPI of Desmoplakin
IPI00013933	Isoform DPI of Desmoplakin
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor

IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00013976	Laminin beta-1 chain precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014048	Ribonuclease pancreatic precursor
IPI00014439	Dihydropteridine reductase
IPI00014439	Dihydropteridine reductase
IPI00014439	Dihydropteridine reductase
IPI00014439	Dihydropteridine reductase
IPI00014439	Dihydropteridine reductase
IPI00014439	Dihydropteridine reductase
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014572	SPARC precursor
IPI00014592	Chondroadherin precursor
IPI00014592	Chondroadherin precursor
IPI00014592	Chondroadherin precursor
IPI00014592	Chondroadherin precursor
IPI00014592	Chondroadherin precursor
IPI00014964	Lymphocyte antigen Ly-6H precursor
IPI00014964	Lymphocyte antigen Ly-6H precursor
IPI00014964	Lymphocyte antigen Ly-6H precursor
IPI00015049	Isoform 2 of Repulsive guidance molecule A precursor
IPI00015049	Isoform 2 of Repulsive guidance molecule A precursor
IPI00015049	Isoform 2 of Repulsive guidance molecule A precursor
IPI00015049	Isoform 2 of Repulsive guidance molecule A precursor
IPI00015049	Isoform 2 of Repulsive guidance molecule A precursor
IPI00015102	CD166 antigen precursor
IPI00015102	CD166 antigen precursor
IPI00015102	CD166 antigen precursor
IPI00015102	CD166 antigen precursor
IPI00015102	CD166 antigen precursor
IPI00015102	CD166 antigen precursor
IPI00015260	Protein kinase C-binding protein NELL2 precursor
IPI00015260	Protein kinase C-binding protein NELL2 precursor
IPI00015260	Protein kinase C-binding protein NELL2 precursor
IPI00015260	Protein kinase C-binding protein NELL2 precursor
IPI00015260	Protein kinase C-binding protein NELL2 precursor

[illegible]

IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016150	Neuroserpin precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016334	Isoform 1 of Cell surface glycoprotein MUC18 precursor
IPI00016371	Isoform JM-A of Receptor tyrosine-protein kinase erbB-4 pr
IPI00016371	Isoform JM-A of Receptor tyrosine-protein kinase erbB-4 pr
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016422	Netrin receptor DCC precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00016915	Insulin-like growth factor-binding protein 7 precursor
IPI00017257	Cathepsin O precursor
IPI00017257	Cathepsin O precursor
IPI00017257	Cathepsin O precursor

[illegible]

IPI00017601	Ceruloplasmin precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017696	Complement C1s subcomponent precursor
IPI00017704	Coactosin-like protein
IPI00017704	Coactosin-like protein
IPI00017704	Coactosin-like protein
IPI00017704	Coactosin-like protein
IPI00017704	Coactosin-like protein
IPI00017745	Metalloproteinase inhibitor 4 precursor
IPI00017745	Metalloproteinase inhibitor 4 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018136	Isoform 1 of Vascular cell adhesion protein 1 precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018206	Aspartate aminotransferase, mitochondrial precursor
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018219	Transforming growth factor-beta-induced protein ig-h3 prec
IPI00018236	Ganglioside GM2 activator precursor
IPI00018236	Ganglioside GM2 activator precursor
IPI00018236	Ganglioside GM2 activator precursor

[illegible]

[illegible]

[illegible]

IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019943	Afamin precursor
IPI00019954	Cystatin M precursor
IPI00019954	Cystatin M precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
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IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020012	Amyloid-like protein 1 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020091	Alpha-1-acid glycoprotein 2 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020430	Vacuolar ATP synthase subunit S1 precursor
IPI00020557	Low-density lipoprotein receptor-related protein 1 precursor
IPI00020557	Low-density lipoprotein receptor-related protein 1 precursor

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

IPI00022229	Apolipoprotein B-100 precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022284	Major prion protein precursor
IPI00022296	Mast/stem cell growth factor receptor precursor
IPI00022296	Mast/stem cell growth factor receptor precursor
IPI00022296	Mast/stem cell growth factor receptor precursor
IPI00022314	Superoxide dismutase [Mn], mitochondrial precursor
IPI00022314	Superoxide dismutase [Mn], mitochondrial precursor
IPI00022314	Superoxide dismutase [Mn], mitochondrial precursor
IPI00022314	Superoxide dismutase [Mn], mitochondrial precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022331	Phosphatidylcholine-sterol acyltransferase precursor
IPI00022333	Brain-specific angiogenesis inhibitor 1 precursor
IPI00022333	Brain-specific angiogenesis inhibitor 1 precursor
IPI00022333	Brain-specific angiogenesis inhibitor 1 precursor
IPI00022333	Brain-specific angiogenesis inhibitor 1 precursor
IPI00022333	Brain-specific angiogenesis inhibitor 1 precursor
IPI00022337	Interphotoreceptor retinoid-binding protein precursor
IPI00022337	Interphotoreceptor retinoid-binding protein precursor
IPI00022337	Interphotoreceptor retinoid-binding protein precursor
IPI00022337	Interphotoreceptor retinoid-binding protein precursor
IPI00022337	Interphotoreceptor retinoid-binding protein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022371	Histidine-rich glycoprotein precursor
IPI00022389	Isoform 1 of C-reactive protein precursor
IPI00022389	Isoform 1 of C-reactive protein precursor
IPI00022389	Isoform 1 of C-reactive protein precursor
IPI00022389	Isoform 1 of C-reactive protein precursor
IPI00022389	Isoform 1 of C-reactive protein precursor

[illegible]

[illegible]

IPI00022431	Alpha-2-HS-glycoprotein precursor
IPI00022431	Alpha-2-HS-glycoprotein precursor
IPI00022431	Alpha-2-HS-glycoprotein precursor
IPI00022431	Alpha-2-HS-glycoprotein precursor
IPI00022431	Alpha-2-HS-glycoprotein precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022432	Transthyretin precursor
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
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IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022434	ALB protein
IPI00022463	Serotransferrin precursor
IPI00022463	Serotransferrin precursor
IPI00022463	Serotransferrin precursor
IPI00022463	Serotransferrin precursor
IPI00022463	Serotransferrin precursor

[illegible]

[illegible]

[illegible]

IPI00023728	Gamma-glutamyl hydrolase precursor
IPI00023751	Growth/differentiation factor 8 precursor
IPI00023751	Growth/differentiation factor 8 precursor
IPI00023751	Growth/differentiation factor 8 precursor
IPI00023751	Growth/differentiation factor 8 precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023814	Isoform 1 of Neogenin precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023824	Fibulin-2 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00023845	Kallikrein-6 precursor
IPI00024034	Cadherin-4 precursor
IPI00024034	Cadherin-4 precursor
IPI00024034	Cadherin-4 precursor
IPI00024035	Isoform 1 of Cadherin-6 precursor
IPI00024035	Isoform 1 of Cadherin-6 precursor
IPI00024035	Isoform 1 of Cadherin-6 precursor
IPI00024046	Cadherin-13 precursor
IPI00024046	Cadherin-13 precursor
IPI00024046	Cadherin-13 precursor

[illegible]

[illegible]

[illegible]

IPI00025465	Mimecan precursor
IPI00025465	Mimecan precursor
IPI00025465	Mimecan precursor
IPI00025465	Mimecan precursor
IPI00025465	Mimecan precursor
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025686	Latent transforming growth factor-beta binding protein 4L
IPI00025812	Carbonic anhydrase-related protein 2 precursor
IPI00025812	Carbonic anhydrase-related protein 2 precursor
IPI00025840	Isoform 1 of Ephrin-A1 precursor
IPI00025846	Isoform 2A of Desmocollin-2 precursor
IPI00025846	Isoform 2A of Desmocollin-2 precursor
IPI00025861	Epithelial-cadherin precursor
IPI00025861	Epithelial-cadherin precursor
IPI00025864	Cholinesterase precursor
IPI00025864	Cholinesterase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026104	Isoform Long of Iduronate 2-sulfatase precursor
IPI00026125	Deoxyribonuclease I-like 1 precursor
IPI00026154	Glucosidase 2 subunit beta precursor
IPI00026154	Glucosidase 2 subunit beta precursor
IPI00026154	Glucosidase 2 subunit beta precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026199	Glutathione peroxidase 3 precursor
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026216	Puromycin-sensitive aminopeptidase
IPI00026259	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor
IPI00026259	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor
IPI00026259	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor
IPI00026259	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor
IPI00026259	N(4)-(beta-N-acetylglucosaminy)-L-asparaginase precursor
IPI00026260	Nucleoside diphosphate kinase B
IPI00026314	Isoform 1 of Gelsolin precursor

[illegible]

[illegible]

[illegible]

IPI00027482	Corticosteroid-binding globulin precursor
IPI00027482	Corticosteroid-binding globulin precursor
IPI00027482	Corticosteroid-binding globulin precursor
IPI00027482	Corticosteroid-binding globulin precursor
IPI00027482	Corticosteroid-binding globulin precursor
IPI00027493	4F2 cell-surface antigen heavy chain
IPI00027493	4F2 cell-surface antigen heavy chain
IPI00027547	Dermcidin precursor
IPI00027547	Dermcidin precursor
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027703	Isoform Long of Alpha-mannosidase IIx
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027780	72 kDa type IV collagenase precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027827	Extracellular superoxide dismutase [Cu-Zn] precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027848	Macrophage mannose receptor 1 precursor
IPI00027851	Beta-hexosaminidase alpha chain precursor
IPI00027851	Beta-hexosaminidase alpha chain precursor
IPI00027851	Beta-hexosaminidase alpha chain precursor
IPI00027851	Beta-hexosaminidase alpha chain precursor
IPI00027851	Beta-hexosaminidase alpha chain precursor
IPI00028030	Cartilage oligomeric matrix protein precursor
IPI00028413	Inter-alpha-trypsin inhibitor heavy chain H3 precursor
IPI00028413	Inter-alpha-trypsin inhibitor heavy chain H3 precursor

[illegible]

[illegible]

[illegible]

IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029751	Isoform 1 of Contactin-1 precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00029863	Alpha-2-antiplasmin precursor
IPI00030111	Growth/differentiation factor 11 precursor
IPI00030111	Growth/differentiation factor 11 precursor
IPI00030111	Growth/differentiation factor 11 precursor
IPI00030255	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor
IPI00030255	Procollagen-lysine,2-oxoglutarate 5-dioxygenase 3 precursor
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030385	CDNA FLJ13813 fis, clone THYRO1000358, moderately similar
IPI00030739	Apolipoprotein M
IPI00030739	Apolipoprotein M
IPI00030739	Apolipoprotein M
IPI00030877	15 kDa selenoprotein isoform 1 precursor
IPI00030877	15 kDa selenoprotein isoform 1 precursor

[illegible]

[illegible]

IPI00032291	Complement C5 precursor
IPI00032291	Complement C5 precursor
IPI00032291	Complement C5 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032292	Metalloproteinase inhibitor 1 precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032293	Cystatin C precursor
IPI00032311	Lipopolysaccharide-binding protein precursor
IPI00032311	Lipopolysaccharide-binding protein precursor
IPI00032311	Lipopolysaccharide-binding protein precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032328	Isoform HMW of Kininogen-1 precursor
IPI00032876	Cytokine-like protein 1 precursor
IPI00032876	Cytokine-like protein 1 precursor
IPI00033466	C-type lectin domain family 11 member A precursor
IPI00033466	C-type lectin domain family 11 member A precursor
IPI00033466	C-type lectin domain family 11 member A precursor
IPI00034319	Isoform A of Protein CutA precursor
IPI00034319	Isoform A of Protein CutA precursor
IPI00034319	Isoform A of Protein CutA precursor
IPI00034319	Isoform A of Protein CutA precursor
IPI00042514	Abhydrolase domain containing 14A
IPI00043215	immunoglobulin superfamily, member 1 isoform 1
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00044369	Isoform 1 of Plexin domain-containing protein 2 precursor
IPI00056357	Uncharacterized protein C19orf10 precursor
IPI00056357	Uncharacterized protein C19orf10 precursor
IPI00056357	Uncharacterized protein C19orf10 precursor

IPI00056357	Uncharacterized protein C19orf10 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00056478	Isoform 1 of Immunoglobulin superfamily member 8 precursor
IPI00060310	phospholipase D family, member 4
IPI00060310	phospholipase D family, member 4
IPI00060310	phospholipase D family, member 4
IPI00060310	phospholipase D family, member 4
IPI00060715	Potassium channel tetramerization domain-containing protein
IPI00060715	Potassium channel tetramerization domain-containing protein
IPI00060715	Potassium channel tetramerization domain-containing protein
IPI00063827	Isoform 1 of Abhydrolase domain-containing protein 14B
IPI00063827	Isoform 1 of Abhydrolase domain-containing protein 14B
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064607	Hypothetical protein DKFZp781K1852
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00064667	Glutamate carboxypeptidase-like protein 2 precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00069058	VGF nerve growth factor inducible precursor
IPI00072917	alpha 3 type VI collagen isoform 3 precursor

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

IPI00166339	Isoform 1 of Ephrin type-A receptor 10 precursor
IPI00166339	Isoform 1 of Ephrin type-A receptor 10 precursor
IPI00166339	Isoform 1 of Ephrin type-A receptor 10 precursor
IPI00166622	PREDICTED: similar to CG14446-PA
IPI00166622	PREDICTED: similar to CG14446-PA
IPI00166622	PREDICTED: similar to CG14446-PA
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166729	alpha-2-glycoprotein 1, zinc
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166766	CDNA FLJ90761 fis, clone THYRO1000099
IPI00166768	TUBA6 protein
IPI00168479	apolipoprotein A-I binding protein precursor
IPI00168479	apolipoprotein A-I binding protein precursor
IPI00168520	Isoform 2 of Matrilin-2 precursor
IPI00168812	PTK7 protein tyrosine kinase 7 isoform d precursor
IPI00168866	Isoform 1 of MAM domain-containing glycosylphosphatidylinositol transferase
IPI00168866	Isoform 1 of MAM domain-containing glycosylphosphatidylinositol transferase
IPI00168866	Isoform 1 of MAM domain-containing glycosylphosphatidylinositol transferase
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00168884	Renin receptor precursor
IPI00169383	Phosphoglycerate kinase 1

[illegible]

[illegible]

IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183445	Isoform 1 of Latrophilin-1 precursor
IPI00183487	Xylosyltransferase 1
IPI00183487	Xylosyltransferase 1
IPI00184988	CDNA FLJ31966 fis, clone NT2RP7007925, weakly similar
IPI00184988	CDNA FLJ31966 fis, clone NT2RP7007925, weakly similar
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00185362	Neural cell adhesion molecule 1
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00186903	Isoform 2 of Apolipoprotein-L1 precursor
IPI00215715	Isoform A of Calcium/calmodulin-dependent protein kinase
IPI00215715	Isoform A of Calcium/calmodulin-dependent protein kinase
IPI00215715	Isoform A of Calcium/calmodulin-dependent protein kinase
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215894	Isoform LMW of Kininogen-1 precursor
IPI00215899	Isoform 2 of Sushi repeat-containing protein SRPX precursor
IPI00215899	Isoform 2 of Sushi repeat-containing protein SRPX precursor
IPI00215983	Carbonic anhydrase 1
IPI00215983	Carbonic anhydrase 1
IPI00215983	Carbonic anhydrase 1
IPI00215983	Carbonic anhydrase 1
IPI00216138	Transgelin
IPI00216138	Transgelin

IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216138	Transgelin
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216171	Gamma-enolase
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
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IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216250	cell recognition protein CASPR4 isoform 1
IPI00216283	Isoform Short of Receptor-type tyrosine-protein phosphatas
IPI00216283	Isoform Short of Receptor-type tyrosine-protein phosphatas
IPI00216283	Isoform Short of Receptor-type tyrosine-protein phosphatas
IPI00216283	Isoform Short of Receptor-type tyrosine-protein phosphatas
IPI00216298	Thioredoxin
IPI00216298	Thioredoxin
IPI00216298	Thioredoxin
IPI00216298	Thioredoxin
IPI00216298	Thioredoxin
IPI00216318	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a
IPI00216318	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a
IPI00216318	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a
IPI00216318	tyrosine 3-monooxygenase/tryptophan 5-monooxygenase a

IPI00216461	Acylphosphatase, muscle type isozyme
IPI00216461	Acylphosphatase, muscle type isozyme
IPI00216461	Acylphosphatase, muscle type isozyme
IPI00216691	Profilin-1
IPI00216691	Profilin-1
IPI00216691	Profilin-1
IPI00216691	Profilin-1
IPI00216691	Profilin-1
IPI00216723	Neurexin 3-beta (Fragment)
IPI00216723	Neurexin 3-beta (Fragment)
IPI00216723	Neurexin 3-beta (Fragment)
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
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IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216728	Neurexin 3-alpha
IPI00216882	mannan-binding lectin serine protease 1 isoform 3
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217146	SLIT and NTRK-like protein 4 precursor
IPI00217423	Hyaluronan binding protein (Fragment)
IPI00217423	Hyaluronan binding protein (Fragment)
IPI00217493	Myoglobin
IPI00217493	Myoglobin
IPI00217561	Isoform Beta-1C of Integrin beta-1 precursor
IPI00217778	Isoform 2 of Phospholipid transfer protein precursor
IPI00217778	Isoform 2 of Phospholipid transfer protein precursor
IPI00217882	Sortilin precursor
IPI00217882	Sortilin precursor
IPI00217882	Sortilin precursor
IPI00217882	Sortilin precursor
IPI00217966	lactate dehydrogenase A
IPI00217966	lactate dehydrogenase A
IPI00217966	lactate dehydrogenase A
IPI00217966	lactate dehydrogenase A
IPI00217966	lactate dehydrogenase A

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
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IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00242956	Fc fragment of IgG binding protein
IPI00247243	PREDICTED: hypothetical protein XP_292785
IPI00247243	PREDICTED: hypothetical protein XP_292785
IPI00247243	PREDICTED: hypothetical protein XP_292785
IPI00247616	Scavenger receptor with C-type lectin type I
IPI00247616	Scavenger receptor with C-type lectin type I
IPI00247616	Scavenger receptor with C-type lectin type I
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00252731	Isoform DPPX-S of Dipeptidyl aminopeptidase-like protein 6
IPI00257882	Xaa-Pro dipeptidase
IPI00259102	Mammalian ependymin-related protein 1 precursor
IPI00259102	Mammalian ependymin-related protein 1 precursor
IPI00259102	Mammalian ependymin-related protein 1 precursor
IPI00259102	Mammalian ependymin-related protein 1 precursor
IPI00289058	Ly-6/neurotoxin-like protein 1 precursor
IPI00289058	Ly-6/neurotoxin-like protein 1 precursor
IPI00289083	Novel protein
IPI00289083	Novel protein
IPI00289204	Reticulon-4 receptor precursor

IPI00289204	Reticulon-4 receptor precursor
IPI00289204	Reticulon-4 receptor precursor
IPI00289204	Reticulon-4 receptor precursor
IPI00289204	Reticulon-4 receptor precursor
IPI00289819	Cation-independent mannose-6-phosphate receptor precu:
IPI00289819	Cation-independent mannose-6-phosphate receptor precu:
IPI00289819	Cation-independent mannose-6-phosphate receptor precu:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289831	Isoform PTPS of Receptor-type tyrosine-protein phosphata:
IPI00289924	Alpha-2,8-sialyltransferase 8E
IPI00289926	Isoform 1 of Leukocyte immunoglobulin-like receptor subfar
IPI00289926	Isoform 1 of Leukocyte immunoglobulin-like receptor subfar
IPI00289926	Isoform 1 of Leukocyte immunoglobulin-like receptor subfar
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
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IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290085	Neural-cadherin precursor
IPI00290283	mannan-binding lectin serine protease 1 isoform 2 precursc
IPI00290283	mannan-binding lectin serine protease 1 isoform 2 precursc
IPI00290283	mannan-binding lectin serine protease 1 isoform 2 precursc
IPI00290315	Chromogranin A precursor
IPI00290315	Chromogranin A precursor
IPI00290315	Chromogranin A precursor
IPI00290315	Chromogranin A precursor
IPI00290315	Chromogranin A precursor
IPI00290411	Immunoglobulin-like domain protein MGC33530 precursor
IPI00290411	Immunoglobulin-like domain protein MGC33530 precursor
IPI00290411	Immunoglobulin-like domain protein MGC33530 precursor
IPI00290411	Immunoglobulin-like domain protein MGC33530 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290456	Intercellular adhesion molecule 5 precursor
IPI00290856	extracellular link domain containing 1
IPI00290856	extracellular link domain containing 1
IPI00291005	Malate dehydrogenase, cytoplasmic
IPI00291005	Malate dehydrogenase, cytoplasmic

[illegible]

IPI00291641	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IA
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
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IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291866	Plasma protease C1 inhibitor precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
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IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00291867	Complement factor I precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
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IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292071	Secretogranin-3 precursor
IPI00292130	Dermatopontin precursor
IPI00292130	Dermatopontin precursor
IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre
IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre
IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre

IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre
IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre
IPI00292150	Latent-transforming growth factor beta-binding protein 2 pre
IPI00292300	contactin associated protein-like 5 isoform 1
IPI00292300	contactin associated protein-like 5 isoform 1
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
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IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
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IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292530	Inter-alpha-trypsin inhibitor heavy chain H1 precursor
IPI00292791	Contactin-3 precursor
IPI00292791	Contactin-3 precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292946	Thyroxine-binding globulin precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
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IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00292950	Heparin cofactor 2 precursor
IPI00293088	Lysosomal alpha-glucosidase precursor
IPI00293088	Lysosomal alpha-glucosidase precursor
IPI00293088	Lysosomal alpha-glucosidase precursor
IPI00293276	Macrophage migration inhibitory factor
IPI00293276	Macrophage migration inhibitory factor
IPI00293276	Macrophage migration inhibitory factor
IPI00293748	Isoform 1 of Multiple inositol polyphosphate phosphatase 1

IPI00293748	Isoform 1 of Multiple inositol polyphosphate phosphatase 1
IPI00293748	Isoform 1 of Multiple inositol polyphosphate phosphatase 1
IPI00293757	Isoform 1 of Netrin receptor UNC5C precursor
IPI00293836	immunoglobulin superfamily, member 4D
IPI00293836	immunoglobulin superfamily, member 4D
IPI00293836	immunoglobulin superfamily, member 4D
IPI00293849	Receptor-type tyrosine-protein phosphatase mu precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
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IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294004	Vitamin K-dependent protein S precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294395	Complement component C8 beta chain precursor
IPI00294615	Fibulin-5 precursor
IPI00294615	Fibulin-5 precursor
IPI00294615	Fibulin-5 precursor
IPI00294615	Fibulin-5 precursor
IPI00294650	Secreted frizzled-related protein 3 precursor
IPI00294650	Secreted frizzled-related protein 3 precursor
IPI00294650	Secreted frizzled-related protein 3 precursor
IPI00294705	Hypothetical protein
IPI00294705	Hypothetical protein
IPI00295386	Carbonyl reductase [NADPH] 1
IPI00295386	Carbonyl reductase [NADPH] 1
IPI00295386	Carbonyl reductase [NADPH] 1
IPI00295414	Collagen alpha-1(XV) chain precursor
IPI00295414	Collagen alpha-1(XV) chain precursor
IPI00295414	Collagen alpha-1(XV) chain precursor
IPI00295414	Collagen alpha-1(XV) chain precursor
IPI00295414	Collagen alpha-1(XV) chain precursor
IPI00295542	Nucleobindin-1 precursor
IPI00295542	Nucleobindin-1 precursor
IPI00295542	Nucleobindin-1 precursor
IPI00295741	Cathepsin B precursor
IPI00295741	Cathepsin B precursor
IPI00295741	Cathepsin B precursor
IPI00295741	Cathepsin B precursor
IPI00295741	Cathepsin B precursor
IPI00295832	Oligodendrocyte-myelin glycoprotein precursor
IPI00295832	Oligodendrocyte-myelin glycoprotein precursor

[illegible]

[illegible]

IPI00296922	Laminin beta-2 chain precursor
IPI00296922	Laminin beta-2 chain precursor
IPI00296922	Laminin beta-2 chain precursor
IPI00296992	AXL receptor tyrosine kinase isoform 1
IPI00296992	AXL receptor tyrosine kinase isoform 1
IPI00296992	AXL receptor tyrosine kinase isoform 1
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297124	Isoform 1 of Interleukin-6 receptor beta chain precursor
IPI00297160	CD44 antigen isoform 4 precursor
IPI00297160	CD44 antigen isoform 4 precursor
IPI00297188	Brain-specific angiogenesis inhibitor 2 precursor
IPI00297188	Brain-specific angiogenesis inhibitor 2 precursor
IPI00297224	PREDICTED: hypothetical protein LOC26032
IPI00297224	PREDICTED: hypothetical protein LOC26032
IPI00297263	PREDICTED: HEG homolog 1
IPI00297263	PREDICTED: HEG homolog 1
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297284	Insulin-like growth factor-binding protein 2 precursor
IPI00297487	Cathepsin H precursor
IPI00297487	Cathepsin H precursor
IPI00297487	Cathepsin H precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00297646	Collagen alpha-1(I) chain precursor
IPI00298237	Isoform 1 of Tripeptidyl-peptidase 1 precursor
IPI00298237	Isoform 1 of Tripeptidyl-peptidase 1 precursor
IPI00298237	Isoform 1 of Tripeptidyl-peptidase 1 precursor

[illegible]

[illegible]

IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
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IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299059	cell adhesion molecule with homology to L1CAM precursor
IPI00299083	Junctional adhesion molecule B precursor
IPI00299083	Junctional adhesion molecule B precursor
IPI00299150	Cathepsin S precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299503	Phosphatidylinositol-glycan-specific phospholipase D 1 precursor
IPI00299547	Neutrophil gelatinase-associated lipocalin precursor
IPI00299547	Neutrophil gelatinase-associated lipocalin precursor
IPI00299669	Mannosyl-oligosaccharide 1,2-alpha-mannosidase IC
IPI00299699	Neural proliferation differentiation and control protein 1 precursor
IPI00299699	Neural proliferation differentiation and control protein 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00299738	Procollagen C-endopeptidase enhancer 1 precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor

IPI00300241	Leucine-rich repeat-containing protein 4B precursor
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IPI00300241	Leucine-rich repeat-containing protein 4B precursor
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IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300241	Leucine-rich repeat-containing protein 4B precursor
IPI00300376	Protein-glutamine gamma-glutamyltransferase E precursor
IPI00301143	protease inhibitor 16 precursor
IPI00301143	protease inhibitor 16 precursor
IPI00301255	Immunoglobulin superfamily member 21 precursor
IPI00301255	Immunoglobulin superfamily member 21 precursor
IPI00301459	1-O-acylceramide synthase precursor
IPI00301459	1-O-acylceramide synthase precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301579	Epididymal secretory protein E1 precursor
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00301865	transmembrane protein 132A isoform b
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302181	calcium channel, voltage-dependent, alpha 2/delta 3 subun
IPI00302592	Filamin A, alpha
IPI00302592	Filamin A, alpha
IPI00302592	Filamin A, alpha
IPI00302592	Filamin A, alpha
IPI00302592	Filamin A, alpha
IPI00302592	Filamin A, alpha
IPI00302641	Protocadherin Fat 2 precursor
IPI00302641	Protocadherin Fat 2 precursor
IPI00302641	Protocadherin Fat 2 precursor
IPI00302641	Protocadherin Fat 2 precursor

[illegible]

[illegible]

IPI00304865	transforming growth factor, beta receptor III
IPI00305380	Insulin-like growth factor-binding protein 4 precursor
IPI00305380	Insulin-like growth factor-binding protein 4 precursor
IPI00305380	Insulin-like growth factor-binding protein 4 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
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IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305461	Inter-alpha-trypsin inhibitor heavy chain H2 precursor
IPI00305719	selenium binding protein 1
IPI00305719	selenium binding protein 1
IPI00305719	selenium binding protein 1
IPI00305719	selenium binding protein 1
IPI00305719	selenium binding protein 1
IPI00305719	selenium binding protein 1
IPI00307276	ADAMTS-4
IPI00328113	Fibrillin-1 precursor
IPI00328113	Fibrillin-1 precursor
IPI00328243	Phospholipase D3, isoform 1
IPI00328243	Phospholipase D3, isoform 1
IPI00328243	Phospholipase D3, isoform 1
IPI00328391	N-acetylgalactosaminyltransferase 7
IPI00328550	Thrombospondin-4 precursor
IPI00328550	Thrombospondin-4 precursor
IPI00328550	Thrombospondin-4 precursor
IPI00328550	Thrombospondin-4 precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor

IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328609	Kallistatin precursor
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328703	Hypothetical protein OAF
IPI00328746	Reticulon-4 receptor-like 2 precursor
IPI00328746	Reticulon-4 receptor-like 2 precursor
IPI00328746	Reticulon-4 receptor-like 2 precursor
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00328829	inter-alpha trypsin inhibitor heavy chain precursor 5 isoform
IPI00329332	Syntaxin-12
IPI00329332	Syntaxin-12
IPI00329482	Isoform 1 of Laminin alpha-4 chain precursor
IPI00329482	Isoform 1 of Laminin alpha-4 chain precursor
IPI00329482	Isoform 1 of Laminin alpha-4 chain precursor
IPI00329775	Isoform 1 of Carboxypeptidase B2 precursor
IPI00329775	Isoform 1 of Carboxypeptidase B2 precursor
IPI00329801	Annexin A5
IPI00329801	Annexin A5
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00332887	signal-regulatory protein alpha precursor
IPI00333140	Delta-notch-like EGF repeat-containing transmembrane
IPI00333140	Delta-notch-like EGF repeat-containing transmembrane
IPI00333776	Isoform 1 of Neuronal cell adhesion molecule precursor
IPI00333776	Isoform 1 of Neuronal cell adhesion molecule precursor
IPI00333776	Isoform 1 of Neuronal cell adhesion molecule precursor

[illegible]

[illegible]

IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00376427	Neural cell adhesion molecule 2 precursor
IPI00382428	Full-length cDNA clone CS0DI085YI08 of Placenta of Homo sapiens
IPI00382428	Full-length cDNA clone CS0DI085YI08 of Placenta of Homo sapiens
IPI00382428	Full-length cDNA clone CS0DI085YI08 of Placenta of Homo sapiens
IPI00382436	Ig lambda chain V-III region SH
IPI00382436	Ig lambda chain V-III region SH
IPI00382436	Ig lambda chain V-III region SH
IPI00382440	Ig lambda chain V-IV region HI
IPI00382470	heat shock 90kDa protein 1, alpha isoform 1
IPI00382478	Ig heavy chain V-III region TIL
IPI00382481	Ig heavy chain V-III region BUT
IPI00382481	Ig heavy chain V-III region BUT
IPI00382483	Ig heavy chain V-III region GA
IPI00382483	Ig heavy chain V-III region GA
IPI00382483	Ig heavy chain V-III region GA
IPI00382500	Ig heavy chain V-III region GAL
IPI00382539	Ig heavy chain V-II region WAH
IPI00382950	Beta-globin gene from a thalassemia patient, complete cds
IPI00382950	Beta-globin gene from a thalassemia patient, complete cds
IPI00383814	transmembrane protein 132A isoform a
IPI00383814	transmembrane protein 132A isoform a
IPI00383814	transmembrane protein 132A isoform a
IPI00383814	transmembrane protein 132A isoform a
IPI00383814	transmembrane protein 132A isoform a
IPI00383814	transmembrane protein 132A isoform a
IPI00383975	Full-length cDNA clone CS0DN001YP04 of Adult brain of Homo sapiens
IPI00383975	Full-length cDNA clone CS0DN001YP04 of Adult brain of Homo sapiens
IPI00383975	Full-length cDNA clone CS0DN001YP04 of Adult brain of Homo sapiens
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384293	SPARC-like protein 1 precursor
IPI00384400	Myosin-reactive immunoglobulin heavy chain variable region
IPI00384401	Myosin-reactive immunoglobulin kappa chain variable region
IPI00384406	Myosin-reactive immunoglobulin heavy chain variable region
IPI00384542	Isoform 2 of Nidogen-1 precursor
IPI00384542	Isoform 2 of Nidogen-1 precursor
IPI00384697	ALB protein
IPI00384697	ALB protein
IPI00384998	Isoform 7 of Neurofascin precursor

IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00384998	Isoform 7 of Neurofascin precursor
IPI00385252	Ig kappa chain V-III region GOL
IPI00385252	Ig kappa chain V-III region GOL
IPI00385555	Ig kappa chain V-I region BAN
IPI00385980	ROBO2 isoform a
IPI00385980	ROBO2 isoform a
IPI00385980	ROBO2 isoform a
IPI00385980	ROBO2 isoform a
IPI00386142	Ig heavy chain V-II region ARH-77 precursor
IPI00386575	Ig lambda chain V-I region EPS
IPI00386630	TCN2 protein
IPI00386630	TCN2 protein
IPI00386630	TCN2 protein
IPI00386630	TCN2 protein
IPI00386630	TCN2 protein
IPI00387025	Ig kappa chain V-I region DEE
IPI00387025	Ig kappa chain V-I region DEE
IPI00387025	Ig kappa chain V-I region DEE
IPI00387025	Ig kappa chain V-I region DEE
IPI00387113	Ig kappa chain V-III region B6
IPI00387113	Ig kappa chain V-III region B6
IPI00387113	Ig kappa chain V-III region B6
IPI00387113	Ig kappa chain V-III region B6
IPI00387115	Ig kappa chain V-III region SIE
IPI00387115	Ig kappa chain V-III region SIE
IPI00387120	Ig kappa chain V-IV region Len
IPI00387120	Ig kappa chain V-IV region Len
IPI00387120	Ig kappa chain V-IV region Len
IPI00394655	Isoform 4 of Neurofascin precursor
IPI00394655	Isoform 4 of Neurofascin precursor
IPI00394655	Isoform 4 of Neurofascin precursor
IPI00394655	Isoform 4 of Neurofascin precursor
IPI00395488	Vasorin precursor
IPI00395488	Vasorin precursor
IPI00395488	Vasorin precursor
IPI00395488	Vasorin precursor
IPI00395488	Vasorin precursor

IPI00396423	Alcadein beta
IPI00396423	Alcadein beta
IPI00396423	Alcadein beta
IPI00397828	20 kDa protein
IPI00397828	20 kDa protein
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00398435	PREDICTED: plexin B2
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00399007	Hypothetical protein DKFZp686I04196 (Fragment)
IPI00401283	Multiple epidermal growth factor-like domains 9 precursor
IPI00401283	Multiple epidermal growth factor-like domains 9 precursor
IPI00402157	Cerebellin-3 precursor
IPI00402157	Cerebellin-3 precursor
IPI00402157	Cerebellin-3 precursor
IPI00402157	Cerebellin-3 precursor
IPI00410312	Isoform 3 of Latrophilin-3 precursor
IPI00410312	Isoform 3 of Latrophilin-3 precursor
IPI00410312	Isoform 3 of Latrophilin-3 precursor
IPI00410312	Isoform 3 of Latrophilin-3 precursor
IPI00410312	Isoform 3 of Latrophilin-3 precursor
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410600	Calcium channel, alpha 2/delta subunit 2
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00410714	Hemoglobin subunit alpha
IPI00412264	Pleiotrophin precursor
IPI00412264	Pleiotrophin precursor
IPI00412264	Pleiotrophin precursor
IPI00412264	Pleiotrophin precursor
IPI00412987	GMFB protein
IPI00412987	GMFB protein
IPI00412987	GMFB protein

[illegible]

[illegible]

[illegible]

IPI00419424	IGKV1-5 protein
IPI00419442	IGLV6-57 protein
IPI00419442	IGLV6-57 protein
IPI00419453	PREDICTED: similar to Ig kappa chain V-III region VG prec
IPI00419453	PREDICTED: similar to Ig kappa chain V-III region VG prec
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419585	Peptidyl-prolyl cis-trans isomerase A
IPI00419590	Isoform 2 of Testican-3 precursor
IPI00419590	Isoform 2 of Testican-3 precursor
IPI00419595	Podocalyxin-like protein
IPI00419595	Podocalyxin-like protein
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419630	Carnosinase 1
IPI00419724	semaphorin 4B precursor
IPI00419724	semaphorin 4B precursor
IPI00419724	semaphorin 4B precursor
IPI00419966	NeshBP
IPI00426056	Hypothetical protein DKFZp686L19235
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430808	Hypothetical protein
IPI00430842	IGHA1 protein
IPI00430842	IGHA1 protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00431645	HP protein
IPI00432525	PREDICTED: similar to Sialic acid-binding Ig-like lectin 5 pr
IPI00432525	PREDICTED: similar to Sialic acid-binding Ig-like lectin 5 pr
IPI00432525	PREDICTED: similar to Sialic acid-binding Ig-like lectin 5 pr
IPI00435020	Neural cell adhesion molecule 1, 140 kDa isoform precursor
IPI00435020	Neural cell adhesion molecule 1, 140 kDa isoform precursor

[illegible]

[illegible]

[illegible]

IPI00470535	Dihydropyridine receptor alpha 2 subunit
IPI00470535	Dihydropyridine receptor alpha 2 subunit
IPI00470535	Dihydropyridine receptor alpha 2 subunit
IPI00470625	neuritin precursor
IPI00470625	neuritin precursor
IPI00470652	single-chain Fv fragment
IPI00470653	PREDICTED: similar to Ig heavy chain V-III region VH26 pr
IPI00470653	PREDICTED: similar to Ig heavy chain V-III region VH26 pr
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472011	154 kDa protein
IPI00472013	HLA class I histocompatibility antigen, A-33 alpha chain pre
IPI00472013	HLA class I histocompatibility antigen, A-33 alpha chain pre
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472610	IGHM protein
IPI00472762	IGHG1 protein
IPI00472762	IGHG1 protein
IPI00472762	IGHG1 protein
IPI00472882	HLA class I histocompatibility antigen, A-68 alpha chain pre
IPI00472882	HLA class I histocompatibility antigen, A-68 alpha chain pre
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473011	Hemoglobin subunit delta
IPI00473014	Dextrin
IPI00473014	Dextrin
IPI00477069	10 kDa protein
IPI00477090	IGHM protein
IPI00477090	IGHM protein
IPI00477597	Isoform 1 of Haptoglobin-related protein precursor
IPI00477597	Isoform 1 of Haptoglobin-related protein precursor
IPI00477644	26 kDa protein
IPI00477644	26 kDa protein
IPI00477747	folliculin-like 4
IPI00477747	folliculin-like 4
IPI00477747	folliculin-like 4

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

IPI00641737	Haptoglobin precursor
IPI00641737	Haptoglobin precursor
IPI00641737	Haptoglobin precursor
IPI00641961	Collagen, type XII, alpha 1
IPI00641961	Collagen, type XII, alpha 1
IPI00641961	Collagen, type XII, alpha 1
IPI00641961	Collagen, type XII, alpha 1
IPI00642019	HLA class I histocompatibility antigen, B-40 alpha chain pre
IPI00642019	HLA class I histocompatibility antigen, B-40 alpha chain pre
IPI00642632	Ig-like protein
IPI00642632	Ig-like protein
IPI00643034	Isoform 1 of Phospholipid transfer protein precursor
IPI00643034	Isoform 1 of Phospholipid transfer protein precursor
IPI00643034	Isoform 1 of Phospholipid transfer protein precursor
IPI00643034	Isoform 1 of Phospholipid transfer protein precursor
IPI00643034	Isoform 1 of Phospholipid transfer protein precursor
IPI00643525	Complement component 4A
IPI00643525	Complement component 4A
IPI00643525	Complement component 4A
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00643914	Tenascin XB
IPI00645206	protocadherin 17
IPI00645206	protocadherin 17
IPI00645206	protocadherin 17
IPI00645206	protocadherin 17
IPI00645206	protocadherin 17
IPI00645206	protocadherin 17
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00646304	peptidylprolyl isomerase B precursor
IPI00654755	Hemoglobin subunit beta
IPI00654755	Hemoglobin subunit beta
IPI00654755	Hemoglobin subunit beta
IPI00654755	Hemoglobin subunit beta
IPI00654755	Hemoglobin subunit beta
IPI00654755	Hemoglobin subunit beta
IPI00654875	Complement C4-B precursor

IPI00654875	Complement C4-B precursor
IPI00654875	Complement C4-B precursor
IPI00654888	Plasma kallikrein precursor
IPI00654888	Plasma kallikrein precursor
IPI00654888	Plasma kallikrein precursor
IPI00654888	Plasma kallikrein precursor
IPI00654888	Plasma kallikrein precursor
IPI00654888	Plasma kallikrein precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719088	collagen, type VI, alpha 1 precursor
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00719233	IGHA1
IPI00735451	PREDICTED: similar to Ig heavy chain V region 102 precu
IPI00735451	PREDICTED: similar to Ig heavy chain V region 102 precu
IPI00735451	PREDICTED: similar to Ig heavy chain V region 102 precu
IPI00738433	PREDICTED: similar to Carboxypeptidase N subunit 2 prec
IPI00738433	PREDICTED: similar to Carboxypeptidase N subunit 2 prec
IPI00738433	PREDICTED: similar to Carboxypeptidase N subunit 2 prec
IPI00740550	PREDICTED: similar to Ig kappa chain V-I region HK102 pr
IPI00740550	PREDICTED: similar to Ig kappa chain V-I region HK102 pr
IPI00743517	protein tyrosine phosphatase, receptor type, sigma isoform
IPI00743517	protein tyrosine phosphatase, receptor type, sigma isoform
IPI00743589	PREDICTED: similar to Ig gamma-1 chain C region
IPI00743589	PREDICTED: similar to Ig gamma-1 chain C region
IPI00743589	PREDICTED: similar to Ig gamma-1 chain C region
IPI00743589	PREDICTED: similar to Ig gamma-1 chain C region
IPI00744023	Imunoglobulin heavy chain
IPI00744023	Imunoglobulin heavy chain
IPI00744023	Imunoglobulin heavy chain
IPI00744109	91 kDa protein
IPI00744109	91 kDa protein
IPI00744109	91 kDa protein
IPI00744109	91 kDa protein
IPI00744476	IGLC2 protein
IPI00744476	IGLC2 protein

[illegible]

IPI00748036	94 kDa protein
IPI00749009	Immunoglobulin-like domain containing protein
IPI00749009	Immunoglobulin-like domain containing protein
IPI00760824	IGHG1 protein
IPI00760824	IGHG1 protein
IPI00760824	IGHG1 protein

Sequence	Modifications	MASC	Peptide length	Number of peptides per protein
AQVVVTVK		30	8	2
EQQSTYTFQLK		51	11	2
CFSLVESTYK		33	10	6
QWDQVEQDLADELITPQGHEK		30	21	6
RDPSPVSGPVHLFR		65	14	6
TLFEDAGYLK		45	10	6
TPEENEPTQLEGGPDSLGFETLENCR		89	26	6
VVEEPNAFGVNNPFLPQASR		57	20	6
AFWDDWMR		31	8	4
GIVTFQFR		37	8	4
LNQQFVHFTQLDLSYLQR		33	18	4
WALGQVFR		48	8	4
NNLCPSGSNIIISNLFK		63	16	2
QFYDQALQQAVVDDDANNAK		89	20	2
HNAYVAAWR		39	9	2
LGSQLIVTASK		88	11	2
FAISENPLITLR		31	12	5
HDALDTR		31	7	5
LFEFSLDDLPSEFQQVNITPSK		70	22	5
QSIVPLR		35	7	5
SGGEDESRRHDALDTR		34	15	5
AAFDDAIAELDTLSEESYK		90	19	3
LAEQAER		48	7	3
LICCDILDVLDK		70	12	3
VVSLEEPELR		45	10	1
ATAVMPDGQFK		34	11	7
DISLSDYK		41	8	7
GLFIIDDK		44	8	7
LVQAFQFTDK		57	10	7
QITVNDLPVGR		45	11	7
SVDETLR		27	7	7
TIAQDYGVLK		30	10	7
EAVLYVDSQEAAALK		45	14	3
ESGDVLLSGAEIFAELGEVIK		153	21	3
VPAFLSAAEVEEHLR		65	15	3
ALGLELR		51	7	8
FPRPNYQLQVSESVAPGAR		30	19	8
QLFSIDASTGEVR		72	13	8
VLDTNDNSPAFDQSTYR		105	17	8
VLELVLR		50	7	8
VSLGLEATLPFR		55	12	8
YSLSSYTSDR		61	10	8
YSVPPEEQAPGALVGNVAR		43	18	8
FFQYDTWK		33	8	3
GIVECCFR		48	9	3
SCDLALLETYCATPAK		69	16	3
DQSGEYECALNDVAAPDVR		89	20	7
EGQGFVSEDEYLEISDIK		92	18	7
GILSCEASAVPMAEFQWFK		45	19	7
ITVNYPPIYSK		60	11	7
LATGLDGMR		45	9	7
MSTLTFFNVSEK		31	12	7
STILYAGNDK		49	10	7
ALELNMLSLK		34	10	5
ASLYNAVTIEDVQK		79	14	5

DDLLGFALR	43	9	5
ELLAVPDNYK	33	10	5
IINNTENLVR	41	10	5
LETDISQIQGEMEDIVQEAR	111	20	2
MQGTLEDQIISANPLLEAFGN/ 1Met(ox)	40	23	2
LDETSGLSVLHR	36	13	2
LFEIDPTSGVSVLVGK	67	16	2
AQIPVEVSEGAAVGTR	69	16	1
ALTPQCGSGEDLYILTGTVPDYSR	52	24	16
APRPAPGGAEQR	45	12	16
DRIPVYSAFR	34	10	16
DSDIIEDVMVK	53	11	16
FATLYSTR	45	8	16
FFYAGTPPAGLAADSHVK	43	18	16
GQLYPFSLSSDVQVATFTLTN 1Met(ox)	43	32	16
ILEVVNQIQDEER	75	13	16
IPVYSAFR	39	8	16
KILEVVNQIQDEER	79	14	16
LLPFNPQLFQNNCGETEQDTEK	38	22	16
LVGEEEAGFGCEDK	62	14	16
PAPGGAEQR	54	9	16
QALNTDYLDSDYQR	95	14	16
WLVEPQIDDPNSNLEEAINAEAITSVNSLGS	79	33	16
WYVNLHSLMDR	47	11	16
FAELVLEKPLDR	41	12	4
FPLESAFDPDVGTSNLR	28	17	4
NYYTIVTEAPLDR	40	13	4
VLDANDNAPEISFSTVK	59	17	4
DKQHFTTLIK	59	10	20
EAGTLAYYEICDFLR	50	15	20
EGDGSCFPDALDR	53	13	20
FPLTNAIK	30	8	20
FSNTDYAVGYMLR	96	13	20
GNQWVGYYDDQESVK	51	14	20
GQEDASPDREFSNTDYAVGYMLR	41	22	20
GTTGHHSPFR	39	11	20
IASNTQSR	31	8	20
ILGQQVPYATK	50	11	20
ISQHLDIFISIMTYDFHGAWR	41	20	20
LGAPASK	42	7	20
LVCYYTWSQYR	67	12	20
LVMGIPTFGR	48	10	20
QLLLSAALSAGK	71	12	20
SFTLASSETGVGAPISGPGIPGR	92	23	20
SKVQYLK	29	7	20
THGFDGLDLAWLYPGR	90	16	20
TLLSVGGWNFGSQR	98	14	20
VTIDSSYDIK	80	11	20
MDTLEPFGDEFSGMAR	34	16	1
AGMVNAWTPSSNDDNPWIQVNLLR	29	24	6
EVTGIITQGAR	34	11	6
FELLGCELNGCANPLGLK	71	18	6
NAVHVNLFPVEAQYVR	34	18	6
NLFETPILAR	40	10	6
VTFLGLQHWVPELAR	45	15	6
ALAHLEAER	54	10	8

ARAEAQEAEDQQAR	62	14	8
GAAAGAVQELAR	99	12	8
ILAGSADSEGVAAPR	104	15	8
LDPAALAAQLVPAPVPAALR	106	21	8
NSDPALGLDDDPDAPAAQLAR	113	21	8
PRPPVYDDGPAGPDAAEEAGDETPDVPPELL	71	31	8
VLAQLLR	37	7	8
ELEALDEVFTK	55	11	2
LTTEEELAR	51	9	2
DCQPGLCCAFQR	68	12	12
DQDGEILLPR	73	10	12
DSECCGDQLCVWGHCTK	59	17	12
EVEELMEDTQHK	58	12	12
EVPDEYEVGSFMEEVR	86	16	12
GLLFPVCTPLPVEGELCHDPASR	46	23	12
LLDLITWELEPDGALDR	89	17	12
PTFVGSR	43	7	12
QELEDLER	40	8	12
SAVEEMEAEAAAAK	104	14	12
SHECIIDEDCGPSMYCQFASFQYTCQPCR	54	29	12
SLTEEMALGEPAAAAAALLGGEEI	110	24	12
AEHALQR	47	7	8
APDELWNSLGPPIPVIFK	32	19	8
ETNSGYSGMWHR	53	12	8
LVNIYDSMLR	52	11	8
TSGIFVKPVNMDNLEK	40	16	8
VIVVWNNIGEK	38	11	8
YLELFQR	36	7	8
YSNIMISQFGFPYANYK	78	17	8
DQECDKFNQCGTCNEFK	34	17	6
GDGLAPLGR	31	9	6
IVTSTYKDGK	61	10	6
NVDGVNYASITR	82	12	6
VGDYGSLSGR	86	10	6
YNLAIEEHCTFGDPIV	30	16	6
AASFQAWGPPSPELLAPTR	60	19	3
TIYLNTHLR	56	9	3
TLLCSFQVLDELGR	84	14	3
CVTAGTSCLISGWGSTSSPQLR	119	22	2
LLCGATLIAPR	61	11	2
GTSCNSFLLK	50	10	2
YGQVPMCDAGEQCAVR	62	16	2
HSPQEAPHVQYER	44	13	1
LHRPPVIVLQR	38	11	3
VTAGISFAIPSDK	27	13	3
YNFIADVVEK	34	10	3
CCDLPFPEQACCAEEEEK	72	17	11
DILTIDIGR	39	9	11
DPALCCYLSPGDEQVNCFNINYLR	61	24	11
ELLALIQLER	62	10	11
ELPSLQHPNEQK	47	12	11
EVGPPLPQEAVPLQK	39	15	11
HPPSPTR	32	7	11
LVWEEAMSR	50	9	11
NLPATDPLQR	36	10	11
NVALVSGDTENAK	71	13	11

QGETLNFLEIGYSR	95	14	11
DAGTIAGLNVMR	40	12	7
ITPSYVAFTPEGER	53	14	7
NELESYAYSLK	33	11	7
NQLTSNPENTVFDAK	64	15	7
SQIFSTASDNQPTVTIK	45	17	7
TFAPEEISAMVLTK	50	14	7
TWNDPSVQQDIK	33	12	7
IWCSDPSPGIVAFPR	37	15	3
PALQWFYNGAILNESK	75	16	3
SSPDTQDLYCLNESSK	51	16	3
GQVVYVFSK	62	9	2
TDKWDFYCQ	34	9	2
LIYGATSLQSGVPSR	29	15	2
RLIYGATSLQSGVPSR	27	16	2
AHFSPSNIILDFPAAGSAAR	48	20	12
DFNIPGFPTVR	35	11	12
FPVLEGQR	48	8	12
FVAVLAK	30	7	12
LAGAPSED PQFPK	48	13	12
LDVPVWDVEATLNFLK	65	16	12
LEEIDGFFAR	57	10	12
NGSGAVFPVAGADVQTLR	55	18	12
NNEEYLALIFEK	74	12	12
SALYSPSDPLTLLQADTVR	45	19	12
SFYTAYLQR	48	9	12
VLNTEANVVR	64	10	12
FIWSEISYLSK	30	11	10
FLSSSLYTALTEAR	66	14	10
FSSPTLELQGEFSPLQSSLPDIHLVNLR	43	29	10
GLEQQIQDNK	58	10	10
IQFGTSLDFFDALDK	69	15	10
IQFGTSLDFFDALDKADETQR	27	21	10
ITANLFR	43	7	10
LLAENNEIISNIR	95	13	10
VLLAPLGDDFR	28	11	10
WWDIIDIQK	34	9	10
SDDSVIQLLNPNR	33	13	1
AEEYEFLTPVEEAPK	39	15	1
CNEIINWLDK	58	10	2
QTQTFTTYSNQPGLVIQVYGER	48	24	2
ALLEDDSDTQQVVVLVR	73	17	5
NLFGLDPSSGAIHVLGPIDFEESR	32	24	5
VEVEILDNDNSPSFATPER	82	20	5
VGIPENAPIGTLLLR	46	15	5
YSVVEESEPGTLVGNVAQDLGLK	98	23	5
LQAIEHELHELGLLK	73	15	6
MASTPHPPGAR	59	11	6
QIAEGTSISEMWQNDLQPLLIER	45	23	6
SFSNIISTLNPTAK	64	14	6
VFVGATDSAVPCAMMLELAR	35	20	6
YPGSPGSYAAR	44	11	6
LVPVHLSIL	30	10	1
AGPDNNSPIQIFTIQTR	31	17	7
IFLLEDGSLK	51	10	7
PIFTQEPHDVIFPLDSK	31	18	7

VLASAPDFSK	36	10	7
VLGYEVLYWTDDSK	79	14	7
VVAGNSIGIGEPSESELLR	56	20	7
YLCTVQTTLESLSAVADIIVR	31	21	7
LAAVLAGYGVELR	77	13	4
PAAEEYGYIVTDQKPLSLAAGVK	53	23	4
QLTPEQLSTLLTLLQLLPK	67	19	4
SELEAQTGLQILQTGVGQR	105	19	4
AFSVNIFK	32	8	4
ALQATVGNSYK	46	11	4
FFLQGIQLNTILPDAR	73	16	4
TVESITDIR	44	9	4
NADLQVLKPEPELVYEDLR	37	19	2
QSSGENCDVVVNTLGK	70	16	2
HPAENGK	36	7	7
IEKVEHSDLSFSK	33	13	7
IVKWDRDM	32	8	7
SNFLNCYVSGFHPSDIEVDLLK	41	22	7
TPKIQVYSR	32	9	7
VEHSDLSFSK	43	10	7
VNHVTLSPK	57	10	7
EIILVDDYSNDPEDGALLGK	110	20	2
GGFDWNLVFK	51	10	2
DPWVQELMSCLDLK	55	14	3
FQLLSWSVCGGNK	50	13	3
ISSDSPPSVQFMNR	96	14	3
AAYQVAALPK	53	10	3
APGAIGPYSQAVLVDR	43	16	3
TTVLLADINDFNTVNEIYK	129	19	3
FLPGQGLVLYPQIGDK	56	16	3
FQEFSPNLWGLEFQK	86	15	3
VGQDASSAGSTR	88	12	3
IGPDNLPYVQILK	53	13	2
LRDDVQSINWLR	32	12	2
DSLGMWFMNK	43	9	5
FDTSLPICK	41	10	5
SLATLCDGPCPCLPEPEPPK	62	20	5
SLLGAFIPR	49	9	5
VCVTQDYQTALCVSR	113	15	5
DVNEFAPTFK	37	10	4
EGLDINSLES LGQGIK	47	16	4
HGPSPGVR	49	8	4
NWRPASLEAR	33	10	4
QEVEELWIGLNDLK	76	14	3
TLGDQLSLLL GAR	74	13	3
TPLWIGLAGEEGSR	61	14	3
AIINLAVYGK	33	10	6
AIQIMYQNLQQDGLEK	71	16	6
LALLVDTVGP	74	11	6
SVASFSIYSPHTGIQEYQDGVPK	43	23	6
TYPDTDSFNTVAEITGSK	76	18	6
VGALASLIR	71	9	6
DNSLELSQLENK	60	12	1
GAFYLLGEAYFIQPLPAASER	104	21	2
SGSETPLPETDLAHC FYSGTVNGDPSSAAAL	32	38	2
DGLLTVNLR	33	9	2

TALLEANSTPVR	83	12	2
ALYYDLISSPDIHGTYK	106	17	21
DTDTGALLFIGK	98	12	21
EIPDEISILLGVAHFK	82	17	21
ELLDTVTAPQK	54	11	21
IAQLPLTGSMISIFFLPLK	86	19	21
ITGKPIK	30	7	21
KTSLEDFYLDEER	89	13	21
LAAAVSNFGYDLYR	110	14	21
LDLQEINNWWQAQMK	87	15	21
LKLSYEGETVK	57	11	21
LQSLFDSPDFSK	66	12	21
LSYEGETVK	40	9	21
LTQVEHR	46	7	21
SSFVAPLEK	38	9	21
SSMSPTTNVLLSPLSVATALSALSLGAEQR	126	30	21
TESIIHR	40	7	21
TSLEDFYLDEER	100	12	21
TVQAVLTVPK	71	10	21
VLTGNPR	47	7	21
VPMSDPK	30	8	21
YGLDSDLCK	79	10	21
FRDEVEDDIK	51	11	2
IQIEAAK	42	8	2
ITCAEEGWSPTPK	60	13	2
TGDIVEFVK	43	10	2
TYSNAVISPNETTR	46	15	1
ADEPQWSLYPSDSQVSEEVK	57	20	25
ADQTVLTEDEK	44	11	25
ADQTVLTEDEKK	42	12	25
APRPQSEESWDEEDKR	51	16	25
ASEEEPEYGEEIK	50	13	25
CIIEVLSNALSK	71	12	25
DPADASEAHSSSR	73	14	25
EDEEEEEGENYQK	66	13	25
ELDRNYLNYGEEGAPGK	40	17	25
ELENLAAMDLELQK	72	14	25
ERADEPQWSLYPSDSQVSEEVK	53	22	25
FLGEGHHR	30	8	25
GEAGAPGEEDIQGPTK	87	16	25
GYPGVQAPEDLEWER	53	15	25
HLEEPGETQNAFLNER	103	16	25
KEELVAR	48	7	25
NYLNYGEEGAPGK	62	13	25
NYPSLELDK	29	9	25
SAEFPDFYDSEEPVSTHQEAENEKDR	33	26	25
SQREDEEEEEGENYQK	132	16	25
SSAPPITPECR	62	11	25
SSQGGSLPSEK	44	12	25
VAQLDQLLHYR	44	11	25
WAEGGGHSR	28	9	25
WQQQGDLDQTK	64	11	25
AVIQHFQEK	36	9	25
CAPFFYGGCGNR	47	13	25
CLVGEFVSDALLVPDK	78	16	25
EGILQYCQEVPELQITNVVEANQPVTIQNW	53	33	25

EQNYSDDVLANMISEPR		101	17	25
EVCSEQAETGPCR		86	13	25
EWEEAER		43	7	25
GLTTRPGSGLTNIK		60	14	25
ISYGNDAIMPSLTETK	1Met(ox)	91	16	25
KAVIQHFQEK		59	10	25
LALENYITALQAVPPR		37	16	25
LALENYITALQAVPPRPR		59	18	25
LNMHMNVQNGK		51	11	25
LVFFAEDVGSNK		83	12	25
PGSGLTNIK		45	9	25
QQLVETHMAR		52	10	25
SQVMTHLR		45	8	25
STNLHDYGMMLPCGIDK		49	17	25
TEEISEVK		28	8	25
THPHFVIPYR		45	10	25
VEAMLNDR	1Met(ox)	54	8	25
VEAMLNDRR		28	9	25
VESLEQEAANER		75	12	25
WYFDVTEGK		42	9	25
YLETSGDENEHAHFQK		63	16	25
VYLGPGSDGHPYSTQSIQQGSAVSR		44	25	2
YGLIQAAAVATSR		53	13	2
CIQANYSLMENGK		41	13	12
CPNPPVQENFDVNK		75	14	12
IKVLNQELR		41	9	12
IPTTFENGR		50	9	12
KMTVTDQVNCVK		103	12	12
MTVTDQVNCVK		98	11	12
MTVTDQVNCVKLS		60	13	12
NILTSNNIDVK		66	11	12
NILTSNNIDVKK		66	12	12
NPNLPPETVDSLK		62	13	12
VLNQELR		42	7	12
WYEIEKIPTTFENGR		27	15	12
AVTSLINDNDNFVLDPYSGVIK		71	23	4
AVYDNQYLLETSSLLDYEGTK		99	21	4
EELPENVPIGNIPK		48	14	4
FIFTVTAR		36	8	4
ALNSIIDVYHK		29	11	2
LLETECPQYIR		43	11	2
ILTPLVSLDTPGK		45	13	3
SLNYWCNLLGMK		42	12	3
VTLAVSDLQK		45	10	3
AAAATGTIFTFR		80	12	10
AVVEVDESGTR		69	11	10
DFTFDLYR		46	8	10
EDQYHYLLDR		45	10	10
FSIEGSYQLEK		54	11	10
GFGQLLQELNQPR		44	13	10
GTQEQDFYVTSETVVR		107	16	10
MQILEGLGLNLQK	1Met(ox)	63	13	10
MQQVENGLSEK		44	11	10
TLYLADTFPTNFR		49	13	10
AIAQSGTALSSWAVSFQPAK		77	20	3
LGVLGFLSTGDQAAK		78	15	3

WTSENIGFFGGDPLR		96	15	3
AASEFESSEGVFLFPELR		69	18	23
AMQHISYLNRS	1Met(ox)	45	11	23
ATEDVLVK		44	8	23
ATVIEGK		33	7	23
DYSFTIQAYDCGK		89	13	23
EGLDLQVLEDSGR		84	13	23
EKLDCQLQK		37	9	23
ETILCSSDK		39	9	23
FAGEICGFK		57	9	23
GIEVSSSELGMTFTGVDTMAS	2Met(ox)	41	30	23
GNLAGLTLR		74	9	23
HHYSLYVHGCR		46	11	23
IHGQNVPFDAVVVDK		72	15	23
IISTITR		27	7	23
IPDGVVSVSPK		71	11	23
ISLSGVHHFAR		79	11	23
LDCELQK		47	7	23
QYDSILR		59	7	23
RATEDVLVK		42	9	23
STGEGVIR		47	8	23
VEAVDADCSPQFSQICSYEIITPDVPFTVDKD		45	36	23
VIDCLYTCK		52	9	23
YISNEFK		32	7	23
GVFAIFGLYDK		72	11	3
IQGLTGNVQFDHYGR		41	15	3
LQNILEQIVSVGK		70	13	3
ATYIQNYR		40	8	4
GIGMWNANCLDYSGDAVAK		70	19	4
HHPDFEVFVFDVGQK		33	15	4
SYDWSQITTVATFGK		74	15	4
ATVQQLEGR	1N-ac	70	9	3
ELGVGIALR		54	9	3
LVVECMNNVTCTR		62	14	3
AGLIDDAFSLAR		72	12	4
LIEFYEDYFK		31	10	4
LISGVTEFLNTEGELK		77	16	4
NDLWNTLSEALK		48	12	4
IINQISTNEIQSDQNLK		73	17	2
LDGSVNFFR		40	9	2
EVQLVESGGGVVRPGGSLR		28	19	1
AIVADPVTFK		27	10	29
CEDVAALDPVTFESPEAFVALPR		109	23	29
DPGNVHTLK		40	9	29
DQGRPFQGGVSGLYYNGLK		28	19	29
FTLSCAEPATLQLDTPVADDR		105	21	29
GATADPLCAPAR		60	12	29
GELYIGGLSK		43	10	29
GGAGDVHQPTK		44	11	29
GKEEFVATFK		32	10	29
GLAEAQGAVGVAPFCSR		50	17	29
GLLANLK		31	7	29
GNEFFCYDLSHNPIQSSTDEITLAFR		45	26	29
GNSDKPVNDNQWHNVVVS		35	19	29
LGERPPALLGSQGLR		55	15	29
LPDLIADALHR		56	11	29

LSALTLSTVK	63	10	29
LTVNLDCLR	54	9	29
NPCANGGLCTVLAPGEVGCDCSHTGFGGK	36	29	29
QLTIFNSQAAIK	36	12	29
SADYVNLSLK	39	10	29
TALAVDGEAR	54	10	29
TGSISLDFR	52	9	29
TTEPNGLLLFQGR	57	14	29
VDLPLPPEVWTAALR	38	15	29
VLALAAESDPNVR	61	13	29
VNDGEWCHVDFQR	41	13	29
VVDEWLLDK	37	9	29
WAGAASSGELSFSLR	92	15	29
WHMVLLTR	39	8	29
AFQVIQLSLPEDQK	46	14	7
DLFDCTLYVLLK	52	12	7
DSLFIIDGR	50	9	7
NEAGVDEDISSLFVEDSAR	109	19	7
VLIVDVQSQK	52	10	7
VVQAVSTDPVPVK	39	13	7
YFDADSNGLVDINELTQVIK	88	20	7
DVDVNLFESTR	80	12	2
QETQLLEDYVEAIEGVR	100	17	2
DCNSLPGGLGTCK	35	13	4
IDTIAADESFTELDLGDR	83	18	4
TVMGDLGWIAFPK 1Met(ox)	37	13	4
VMEQNQNNWLLTSWISNEGASR	84	22	4
ETFNLYYYESDNDKER	59	16	7
GLNPLTSYVFHVR	65	13	7
IDTIAADESFTQVDIGDR	108	18	7
NLAQFPDTITGADTSSLVEVR	113	21	7
TYQVCNVMEPSQNNWLR 1Met(ox)	78	17	7
VYPANEVTLLDSR	66	13	7
YNPNPDQSVSVTVTTNQAAPSSIALVQAK	87	29	7
DINTFIHGDKR	39	11	2
NVVVACENGLPVLHDQSIFR	81	20	2
IAYGTQGSSGYSLR	82	14	3
TGAVSGHSLK	56	10	3
VAEYMDWILEK	79	11	3
EAGSAVEAEELVK	76	13	1
AAAVSEAEADFYEQNSR	46	17	15
AGGVLAYELLPALDEVLASDSR	60	22	15
DPVPDLAAWVTSFAAR	39	16	15
FLLGSWLEQAR	68	11	15
GSTGVAAAAGLHR	34	13	15
KDPVPDLAAWVTSFAAR	61	17	15
LLGPGPAADFSVSVER	37	16	15
LLTSAPSLATSPAFR	35	16	15
LLVLDLFAESQPVYTR	54	16	15
NVFQLEQAFVLSK	58	13	15
QAVQELVSLYYEEAR	72	15	15
QLAGLVANYTTPR	49	13	15
SDVFEAWR	45	8	15
YDLLDLTR	35	8	15
YQLTLWGPEGNILDYANK	63	18	15
FSTFAGFLLFETK	53	13	2

MGNALHGDHQR	43	12	2
DFSEDQGYDPPNCPVGK	87	19	4
LLHGVMEQLGIAR	27	13	4
TADDGCLENTPDTAEFSSR	94	18	4
VSEADIQR	63	8	4
AELQEVQITEEKPLLPQTPE/1N-ac	58	24	3
NIITHAPNLDNIELYWNSYNNR	43	22	3
TASLTSAASVDGNR	67	14	3
CFLAFTQTK	39	9	14
CRDQLPYICQFGIV	30	14	14
DQLPYICQFGIV	41	12	14
EQQALQTVCLK	60	11	14
GGTLSTPQTGSENDALYEYLR	77	21	14
KDVVNTK	53	7	14
LDTLAQEVALLK	102	12	14
LDTLAQEVALLK EQQALQTVCLK	73	23	14
NWETEITAQPDGGK	78	14	14
NWETEITAQPDGGKTENCAVLGAANGK	34	28	14
QSVGNEAEIWLGLNDMAAEG 2Met(ox)	53	29	14
SRLDTLAQEVALLK	72	14	14
TENCAVLGAANGK	105	14	14
TFHEASEDCISR	48	12	14
GILTVDELLAIR	74	12	3
IPLNDLFR	61	8	3
YLDFVFAVK	43	9	3
ALEYIENLR	58	9	11
ANNIAYEDVVGGEDWNPVEEK	116	21	11
DSLSEEDWMR	38	10	11
ENKPYALNSEK	38	11	11
FPSPMIR	33	8	11
IESQTQEEVR	66	10	11
IILEALR	44	7	11
LFEKPLDSQSIYQLIEISR	57	19	11
LYTDDDDIYK	43	11	11
SGQLGIQEEDLR	56	12	11
VLEYLNQEK	51	9	11
DHEDSSLQWSNPAQQTLYFGEK	77	22	8
EDDGASIVCSVNHESLK	50	17	8
EKDTATLNCQSSGSKPAAR	37	19	8
GNPVPQQYLWEK	29	12	8
KGDQELHGEPT	67	12	8
LLHCEGR	47	8	8
SLVTVLGIPQKPIITGYK	33	18	8
TFTVSSSVTFQVTR	90	14	8
LGNFPWQAFTSIHGR	49	15	2
VLSYVDWIK	27	9	2
DLGGFDEDAEPR	71	12	1
ITEEFLGK	27	8	6
LATVGELQAAWR	96	12	6
LDISEIK	30	7	6
LLASDAGLYR	53	10	6
QEIESETTSEEQIQEEK	70	17	6
YTLNFEAAQK	54	10	6
ASAATTAILIAR	65	12	6
DIVTVANAVFVK	54	12	6
DMIDNLLSPDLIDGVLTR	63	18	6

FTAVAQTDLKEPLK	73	14	6
NVNFEDPASACDSINAWVK	63	19	6
VLGITDMFDSSK	56	12	6
ALNHLPLEYNSALYSR	27	16	17
CPINCLLGDFGPWSDCDPCIEK	59	22	17
DLHLSDVFLK	45	10	17
DLTSLGHNENQQGSFSSQGGSSFSVPIFYSS	30	32	17
ENPAVIDFELAPIVDLVR	91	18	17
GEVLDNSFTGGICK	95	14	17
IGESIELTCPK	63	11	17
QAIQASHK	28	8	17
QLEWGLER	40	8	17
SENINHNSAFK	61	11	17
SEYGAALAWEK	51	11	17
TECIKPVVQEVLTITPFQR	39	19	17
TFSEWLESVK	54	10	17
TLNICEVGTIR	47	11	17
VPANLENVGFEVQTAEDDLK	74	20	17
VPANLENVGFEVQTAEDDLKTDFYK	38	25	17
YYQENFCEQICKS	74	13	17
DHDTFLAVR	29	9	10
DNFHGLAIFLDITYPNDETTER	54	21	10
DWEMHVHFK	27	9	10
LFQLMVEHTPDEESIDWTK	70	19	10
LPTGYFFGASAGTGDLSDNHDIISMK	75	26	10
LTVMTDLEDK	44	10	10
LTVMTDLEDKNEWK	70	14	10
NLHGDGIALWYTR	36	13	10
NRDHDTFLAVR	39	11	10
WTELAGCTADFR	90	12	10
EEAQLATVLAYALSSHCPDMR	68	21	15
EGANYALVIDVDMVPSEGLWI 1Met(ox)	74	21	15
EMLDQSNQWGGTALVVPAFEIR	102	22	15
EPGEFALLR	37	9	15
NELVQLYQVGEVR	89	13	15
PAYVVPWQDPWEPFYVAGGK	57	20	15
QFKQELK	28	7	15
SCQEVFDK	34	8	15
TALASGGVLDASGDYR	120	16	15
VAMHLVCPSR	42	10	15
VPTFDER	40	7	15
WEGPLSVSVFAATK	86	14	15
WVNLPEESLLR	51	11	15
WVNLPEESLLRPAYVVPWQDPWEPFYVAGGK	33	31	15
YEAAVPDPR	38	9	15
FDLGQDVIDFTGHALALYR	37	19	3
FQLLEGPPESMGR	49	13	3
TDDYLDQPCLETVNR	47	15	3
NFPDLNTYIYYNEK	38	14	1
AGPELLPQQGGGR	34	13	3
AVASQWPEELASAR	37	14	3
LYDFNLGSVTESSLWR	113	16	3
VYSTSVTGSR	48	10	1
ISFDEFIK	56	8	5
ISTSLPVLDLIDAIQPGSINYDLLK	38	25	5
NEALIALLR	40	9	5

VDTDGNGYISFNELNDLFK	61	19	5
VNDDIIVNWVNETLR	77	15	5
DAAVISWTK	67	9	2
TVLIGEYLQIK	44	11	2
TGPAATTLPDGAAAESLVESSEVAVIGFFK	49	30	2
VDATEESDLAQYGVV	45	16	2
AKDTVYTK	38	8	6
HEDQQQGEDEHQDK	28	14	6
IYPSFQPQLIYPFVEPIPYGFLPQNILPLAQP,	36	49	6
SPTIPFFDPQIPK	40	13	6
VKHEDQQQGEDEHQDK	59	16	6
VLPIPQQVVPYPQR	35	14	6
AEEQPQVELFVK	27	12	1
ELSNTAAYQSVR	51	12	3
FFPFGLVQLSSDLSK	48	15	3
ILSVSPIAQEQELEDLVAVDLQWSK	34	25	3
GPPAPPEPR	42	9	5
NRDEVQALAFDEQR	76	14	5
SLSVMLVR	43	8	5
TTPLEGTSEMAVTFDK	69	16	5
VPGAYFFSFTAGK	34	13	5
AVLDGCSCCLVCAR	90	14	5
CQLDVLLPEPNCPAPR	66	16	5
DGQIGCVPR	40	9	5
NNEAFLQELELK	64	12	5
TIQAEFQCSPGQIVK	68	15	5
ALTFELTLR	57	9	6
CDEAQLVQVWDDPYPEVLSQEPFHK	37	25	6
FIQSQDYQCSALMGGRR 1Met(ox)	107	16	6
KVMSISIR	37	8	6
LAIPQQSDFHNNR	54	13	6
VIPGPPALTLVPAELVR	64	17	6
AIGAVPLIQGEYMIPCEK 1Met(ox)	60	18	15
AYWQVHLDQVEVASGLTLCK	32	20	15
DPDAQPGGELMLGGTDSK	86	18	15
EGCEAIVDTGTSLMVGPDVDEV 1Met(ox)	118	22	15
FDGILGMAYPR	97	11	15
ISVNNVLPVFDNLMQQK	44	17	15
LLDIACWIHHK	47	11	15
LVDQNIJSFYLSR	93	13	15
QPGITFIAAK	27	10	15
RTMSEVGGSVEDLIAK	86	16	15
TMSEVGGSVEDLIAK	103	15	15
VGFAEAAR	51	8	15
VSTLPAITLK	28	10	15
YSQAVPAVTEGPIPEVLK	76	18	15
YYTVFDR	27	7	15
AIDEDCSQYEPGPSQK	71	17	4
FGGTICSGDIWDQASCSSSTTCVR	141	24	4
HLVCNGDQDCLDGSDEDDCEDVR	43	23	4
LGSLGAACEQTQTGAK	42	17	4
AEATTLHVAPQGTAMAVSTFR	52	21	9
ANFDAQQFAGTWLLVAVGSACR	95	22	9
FLQEQGHR	32	8	9
KLDGICWQVR	59	10	9
LDGICWQVR	60	9	9

QLYGDTGVLGR	61	11	9
SLPVSDSVLSGFEQR	82	15	9
VQEAHLTEDQIFYFPK	40	16	9
YGFCEAADQFHVLDEV	60	17	9
INHGILYDEEK	66	11	3
ITCTEEGWSPTPK	50	13	3
YKPFSQVPTGEVFYYSCEYNFVSPSK	41	26	3
AGLQVYNK	47	8	3
FEHCNFNDVTTR	60	12	3
LRENELTYYCCK	59	12	3
CLVVCDSDNPTSDPTGTALGISVR	120	23	6
EAASNGVLIQMEK	78	13	6
GNLMGGWK	30	8	6
STFIAPR	33	7	6
VAFSAIR	32	7	6
YSTFSGFLVFPL	39	12	6
AEPESETSILLSWTTPR	29	17	11
FEVIEFDDGSGSVLR	122	15	11
GFPTIDMGPQLK	53	12	11
GPPSEPVLQTSEQAPSSAPR	114	21	11
NVLELNDVR	46	9	11
SDTIANYELVYK	62	12	11
SPQGLGASTAEISAR	92	15	11
SYSFVLNTR	45	9	11
TATMLCAASGNPDPEITWFK	71	20	11
YSAPANLYVR	42	10	11
YSVAGLSPYSDYEF	62	15	11
DDYFVSGAGLPGR	41	13	4
DLLPASLGSYYR	57	12	4
DNSALDPPIHGLK	36	13	4
ETFLDPFVLR	42	10	4
NAADSSVPSAPR	75	12	1
DFTENPCLR	27	9	4
ECQAALEVQLQESPLYDCR	114	18	4
LASIFSGTGADPVVSAK	81	17	4
MLFCSCQDQACAER	95	14	4
FWEEATPIWITNQR	62	14	2
VLLVSFDGFR	48	10	2
ASGVAVSDGVK	50	12	5
AVLFCLSEDKK	44	11	5
EILVGDVGQTVDDPYATFVK	87	20	5
NIILEEGKEILVGDVGQTVDDPYATFVK	42	28	5
YALYDATYETK	45	11	5
ASYSGVSLFSNPVQYWEIQPSTFR	74	24	4
DLPPDTLLDLQNNK	35	15	4
ITEIKDGDFK	38	10	4
VSPGAFTPLVK	27	11	4
GVISNSGGPVR	57	11	2
WSASFTVTK	45	9	2
EAGISDYLTIIEELVK	42	15	5
FFNANQWADIFQASGAK	90	17	5
QLPAWFDQAK	31	10	5
WPTSGQLFLGHPK	73	13	5
YEDFGPLFTAK	62	11	5
EIVDSYLPVILDIK	71	15	8
GCSFLPDYQK	30	11	8

GSAVWCQNVK		33	10	8
KLVGYLDR		40	8	8
LGPGMADICK	1Met(ox)	40	10	8
PGEVCSALNLCESLQK		52	16	8
QEILAALEK		58	9	8
SDVYCEVCEFLVK		53	13	8
EKGYYTPVK		34	9	6
LYGMNEEGWR		47	10	6
MIELHNQEYR		75	10	6
NHCGIASAASYPTV		42	14	6
NSWGEWGMGGYVK	1Met(ox)	38	14	6
VFQEPLFYEAPR		86	12	6
CSLQNAQEALIVTWQK		54	16	2
EVICQVLHLGTVTDFK		32	16	2
AALSMCK	1Met(ox)	56	7	12
AQGFTEDTIVFLPQTDK		87	17	12
AQGFTEDTIVFLPQTDKCMTEQ		36	22	12
EKFTAFCK		41	8	12
GPGEDFR		51	7	12
KAALSMCK		58	8	12
KNQCETR		30	7	12
MATLYSR		54	7	12
SPHWGSTYSVSVVETDYDQYALLYSQGSK		52	29	12
SVVAPATDGGNLNSTFLR		95	19	12
TMLLQPAGSLGSYSYR	1Met(ox)	132	16	12
WFSAGLASNSSWLR		110	14	12
ILHCSCQACGK		51	11	4
LALFPDK		38	7	4
SAWCEAK		33	7	4
VDKLVEK		41	7	4
AANEVSSADVK		46	11	7
CEASAVPAPDFEWYR		34	15	7
EFEGEEYLEILGITR		108	16	7
HSLEYSR		46	8	7
QGDTAILR		83	8	7
SGIIFAGHDK		62	10	7
VTVNYPTITESK		61	13	7
AFHFYLTR		28	8	8
ASHQQLDTVWENAK		85	14	8
EDYIYGQFK		51	10	8
KTQIFLPMNFK		34	11	8
TCSHYECAFLGGLK		81	14	8
TENCIENTLEYFQPIYVYNPGEK		96	22	8
TSQGTSFTFGGLNQAR		115	16	8
YVPQLLKEEK		40	10	8
LTVYTTLIDVTK		42	12	2
NMINTFVPSGK	1Met(ox)	37	11	2
ALLQAILQTEDMLK	1Met(ox)	29	14	5
GYFNEELSEILSDPSSDDTK		35	19	5
SAIYQLEEEYENLLK		46	15	5
SVQNDSQAIAEVLNQLK		31	17	5
TLELQGLINDLQR		40	13	5
AMDLQDQDVLSALAEVEQLSK	1Met(ox)	36	20	12
DILAQSPAAEPLK		42	13	12
EGFYDLSSDPFGCK		45	15	12
ELAEQLEFIK		44	10	12

ELDSLQTEAESLDNTVK	91	17	12
GIETPQCDQSTGQCVCVEGVEGPR	28	24	12
IPSWGAGFVR	45	11	12
NFLTQDSADLDSIEAVANEVLK	93	22	12
NIGNLFEEAEK	37	11	12
SLDIFTVGGSGDGVVTNSAWETFQR	81	25	12
VESLSQVEVILQHSAADIAR	46	20	12
YSDIEPSTEGEVIFR	38	15	12
CKPVNTFVHEPLVDVQNVCFQEK	51	23	7
HIIVACEGSPYVPVHFDASVEDST	64	24	7
PVNTFVHEPLVDVQNVCFQEK	33	21	7
QHMDSDSSPSSSSTYCNQMMR	90	21	7
RNMTQGR	32	7	7
SNSSMHITDCR	53	11	7
YPNCAYR	34	7	7
AAAAAAGEAR	56	10	6
AALDGTPGMIGYGMAK	62	16	6
EGLLTLGAK	66	11	6
MTDSFTEQADQVTAEVGK	111	18	6
NRPSSGSLIQVVTTEGR	31	17	6
NSGMPPGAAIAVLPVTLDTPMNR	56	24	6
APLIPMEHCTTR	36	12	11
DIDKDLVI	28	8	11
FFETCDLDNDK	69	11	11
FFETCDLDNDKYIALDEWAGCFGIK	32	25	11
LEAGDHPVELLAR	77	13	11
LHLDYIGPCK	35	10	11
NVLVTLYER	51	9	11
NVLVTLYERDEDNNLLTEK	68	19	11
RLEAGDHPVELLAR	47	14	11
TFDSSCHFFATK	51	12	11
YIPPCLDSELTEFPLR	53	16	11
AGAFDDLTELTYLYLDHNK	39	19	5
FSDGAFLGVTTLK	98	13	5
LSHNPLK	30	7	5
NQLSSYPSAALSK	42	13	5
YLETLWLDNTNLEK	73	14	5
HFFSDYLMGFINSILK	50	17	3
MCASSCDFVK	58	10	3
QCQPSDTCASVR	35	13	3
CNSEFWSATSGSHAPASDDTPEFCAALR	52	28	5
GCPLNQIDFQAFHTNAEGTGAR	84	23	5
VSGQHVEIQAK	54	11	5
VYQAEMDELPAAFVDGSK	31	18	5
YIGTTIVVR	41	9	5
ALFLETEQLK	54	10	6
ESLTIVEGKPQIK	66	14	6
LDVPQNLMMFGK	45	11	6
SVQYDDVPEYK	62	11	6
WKYEKPDGSPVFIAFR	35	16	6
YEKPDGSPVFIAFR	36	14	6
AFLFQDTPR	66	9	30
ALREDNAYCEDIDECAEGR	44	19	30
ASTATAEQFFQK	73	12	30
CLQGEVDCWPLPCPDVECEFSILPENECPI	35	31	30
CSVCSQNGFVMCR	67	14	30

CVTDPCQADTIR	61	12	30
CVTDPCQADTIRNDITK	39	17	30
DGYHDNGMFSPSGESCEDID 1Met(ox)	41	26	30
EDNAYCEDIDECAEGR	66	16	30
EFESWIDGCK	27	10	30
ENTMCVNTPGSFMCICK	35	17	30
FTGSSWIK	29	8	30
GYDFCSE	35	8	30
HGTECTLCQCK	47	11	30
HNGQIWVLEND	39	12	30
IMELQDILAK	63	10	30
LDQCYCER	58	8	30
LSSQCLHQNGETLYNSGDTWVQNCQQCR	57	28	30
LVESSGCPALDCPESHQITLSHSCCK	29	26	30
MVCDENPTVDLFCCPECDPR	52	21	30
NGHICCSVDPQCLQEL	64	16	30
NTVYSSSGVVCVLYECK	129	16	30
PSTDPLPLGTTFWLGQR	59	16	30
SALAYVDGK	66	9	30
SICQFQGR	40	8	30
TCLDEMNVVR	66	10	30
TCPTCNDFHGLVQK	73	14	30
VVEKPSTDPLGTTFWLGQR	88	20	30
YLELESSGHR	61	10	30
YLELESSGHRNEVR	36	14	30
EIPSYTFSCIR	27	11	2
SYSSIVLKPQNIK	27	13	2
DAGTELTGHLVPHHDGLR	35	18	4
LAQAPGLR	31	8	4
LLGIGGHLSPQGK	45	13	4
SNQFFSLDPVTGAVTTAEELDR	138	22	4
DLTGELEYATK	48	11	3
FVESDADEELLFNIPFTGNVK	58	21	3
GLAYGLYLR	46	9	3
SLSGTAFGGFLMK 1Met(ox)	92	14	4
TPVCTTGQSGSTATVFAMAEQK	112	24	4
VTGPVPGALGAALWEAGSPVAFYASFSEGT	87	37	4
VWFELTQGSITK	84	12	4
DVQDFWISLPGTLCSEK	44	17	2
SFVQGLGVASDVVR	76	14	2
EPLDPNGIITQYEISYSSIR	41	20	2
GSGVSNFAQLIVR	61	13	2
EMLAVSVLA AVR	28	12	6
MNHQALVR	43	8	6
MTSGDVLSNR	59	10	6
VLALLDVPDK	73	10	6
VLALLDVPDKSQEK	62	14	6
WDICAGNAILK	51	11	6
DNTPNAIAIVQLQELSLR	74	18	2
TFYETPLQLEK	45	12	2
ALTGGIAHLFK	48	11	1
ALGITEIFIK	71	10	16
AQLVEEWANSVK	80	12	16
ATGEDENILFSPLSIALAMGM 3Met(ox)	47	32	16
DFDAATYLALINAVYFK	44	17	16
EFSNMVTAK	37	9	16

FTVEQEIDLK	33	10	16
FTVEQEIDLKDVLC	46	14	16
IANSLFVQNGFHVNEEFQMv2Met(ox)	28	22	16
NGEEFSFLK	52	9	16
QEVPLATLEPLVK	45	13	16
QKVEVYLPR	32	9	16
RTGTILFMGR	48	10	16
SQFRPENTR	40	9	16
TGTILFMGR	65	9	16
VEVYLPR	42	7	16
YFNAAVNHVDFSQNVAVANYINK	52	23	16
APEEPNIQVNPLGIPVNSK	69	19	11
EAEETTDNDNGVLVLEPAR	70	19	11
EETGQVLER	43	9	11
EVTVPVFYPTK	33	12	11
GATLALTQVTPQDER	61	15	11
GPVLQLHDLKR	30	11	11
LPSGNHMK	28	8	11
TQLVNVAIFGPPWMAFK 1Met(ox)	66	17	11
VHIQSSQTVESSGLYTLQSILK	48	22	11
VSPAAPER	38	8	11
VWLEVEPVGMLK 1Met(ox)	58	12	11
DGNFGLQELGLK	55	12	2
LSSLSDLQEQYR	58	12	2
AFNNAGEGVPLYESATTR	66	18	15
DGIHLALGMDER	35	12	15
DVVPVLVSSR	33	10	15
EQNIEVDGLSYK	42	12	15
FLSEPSDAVTMR	35	12	15
GEEVIQLR	57	8	15
GNIQTFTVFFSR	75	12	15
GVGPLSDPILFR	40	12	15
GYIIGYGVGSPYAETVR	86	17	15
LSWRPPAEAK	42	10	15
NGDVVIPSDYFQIVGGSNLR	54	20	15
PAIPSSSVLPSAPR	63	14	15
QLYFLQR	28	7	15
VAVAGPLR	31	8	15
VVAYNEWGPGESSQPIK	95	17	15
AGAAAGGPGVSGVCVCK	71	17	14
AITQVSK	38	7	14
DNLAQTR	35	8	14
EDAGEYECHASNSQGQASASAK	30	22	14
GEGEPCGGGGAGR	85	13	14
GTCEQGPSIVTPPK	82	14	14
GYCAPGMECVK	51	11	14
HEVTGWVLVSPLSK	79	14	14
ITVVDALHEIPVK	80	13	14
ITVVDALHEIPVKK	60	14	14
RGHYGVQR	47	8	14
SRYPVCGSDGTTYPSGCQLR	69	20	14
TELLPGDRDNLAQTR	46	16	14
YPVCGSDGTTYPSGCQLR	115	18	14
APFTPTWPR	36	9	4
GYSAYDFSDQEDEMAK	101	16	4
MGSNVCGIADSVSSIFV	29	17	4

TGSTPYWIVR	48	10	4
ADDKVYPGEQYTYMLLATEEQSPGEGDGNC	47	33	56
AEEEEHLGILGPQLHADVGDK	68	20	56
AETGDKVYVHLK	43	12	56
AGLQAFFQVQECNK	71	14	56
ALYLQYTDETFR	69	12	56
DDEEFIESNK	64	10	56
DIASGLIGPLICK	63	14	56
DIFTGLIGPMK	67	11	56
DLYSGLIGPLIVCR	84	14	56
DSLDEK	31	7	56
DVDKEFYLFPTVFDENESLLEDNIR	53	26	56
EFYLFPTVFDENESLLEDNIR	80	22	56
ERGPEEEHLGILGPVIWAEVGDITR	47	25	56
EVGPTNADPVCLAK	77	14	56
EYTDASFTNR	60	10	56
EYTDASFTNRK	37	11	56
FNKNNEGTYYSNPYNPQSR	41	19	56
GAYPLSIEPIGVR	66	13	56
GEFYIGSK	44	8	56
GPEEEHLGILGPVIWAEVGDITR	99	23	56
GSLHANGR	30	8	56
GVYSSDVFDIFPGTYQTLEMFP	75	23	56
HYIIAAEEIIWNYAPSGIDIFTK	32	23	56
HYIGIIETTWDYASDHGEK	51	20	56
IDTINLFPATLFDAYMVAQNPGEWMLSCQNL	31	35	56
IGGSYKK	48	7	56
IYHSHIDAPK	54	10	56
KAEEHLGILGPQLHADVGDK	59	21	56
KALYLQYTDETFR	74	13	56
KDSLDEK	36	8	56
KGSLHANGR	73	9	56
KLISVDTEHSNIYLQNGPDR	107	20	56
LISVDTEHSNIYLQNGPDR	75	19	56
MFTTAPDQVDKEDEDFQESN 1Met(ox)	78	21	56
MHAINGR	36	7	56
MYSVNGYTFGSLPGLSMCAE 1Met(ox)	71	22	56
MYSAVDPTK	60	10	56
MYSAVDPTKDIFTGLIGPMK	46	21	56
NLASRPYTFHSHGITYYK	30	18	56
NNEGTYYSNPYNPQSR	69	16	56
PVWLGLGPIIK	59	12	56
PYTFHSHGITYYK	64	13	56
QKDVDKEFYLFPTVFDENESLLEDNIR	66	28	56
QSEDSTFYLGER	93	12	56
QYTDSTFR	31	8	56
RQSEDSTFYLGER	66	13	56
SGAGTEDSACIPWAYYSTVDQVK	99	23	56
SVPPSASHVAPTETFTYEWTVPK	27	23	56
TTIEKPVWLGLGPIIK	38	17	56
TYCSEPEK	30	8	56
TYCSEPEKVDKDNEDFQESNR	95	21	56
TYSDHPEK	38	8	56
TYIIAAVEVEWDYSPQR	40	17	56
VDKDNEDFQESNR	65	13	56
VNKDDEEFIESNK	74	13	56

VYPGEQTYTYMLLATEEQSPGEGDGNCVTR	44	29	56
EDFDVEAADSAGNCLDSL VFVAGDR	74	25	21
EDTPNSVWEPAK	52	12	21
EPTMYVGSTSVQTSR 1Met(ox)	48	15	21
FYAAGLVSWGPQCCTYGLYTR	60	21	21
GDSGGAFVQDPNDK	87	15	21
GDSGGAFVQDPNDKTK	53	17	21
GFQVVVTLR	63	9	21
IIGGSDADIK	55	10	21
LLEVPEGR	33	8	21
LPVAPLR	29	7	21
LPVAPLRK	35	8	21
MGPTVSPICLPGTSSDYNLMDGDLGLISGW	65	32	21
MLTPEHVFIHPGWK	50	14	21
NYVDWIMK	44	8	21
QFGPYCGHGFPGPLNIETK	32	19	21
REDFDVEAADSAGNCLDSL VFVAGDR	58	26	21
SNALDIIFQTDLTGQK	89	16	21
SSNNPHSPIVEEFQVPYNK	52	19	21
TMQENSTPRED	38	11	21
TNFDNDIALVR	81	11	21
VEDPESTLFGSVIR	83	14	21
AAYNLVR	32	7	5
EFVISDR	29	7	5
ELEEDFIK	27	8	5
FALITWIGENVSGLQR	76	16	5
TGTDKTLVK	36	9	5
EFVDIVQP	34	8	2
QYLLTGQVLSDGK	74	13	2
ELQVYISPK	31	9	10
GIQVELYSFPR	54	11	10
LEIDLLK	39	7	10
LEIELLK	34	7	10
NTVISVNPSTK	53	11	10
QSTQTLVNVNAPR	52	13	10
SIDGAYTIR	49	9	10
SLEVTFTPVIDIGK	48	15	10
SQEFLEDADRK	66	11	10
VPSVYPLDR	49	9	10
ASAEALGENSEVLK	47	15	8
EYLPIGGLAEFCK	36	13	8
FVTVQTISGTGALR	84	14	8
IAAAILNTPDLR	52	12	8
IGASFLQR	52	8	8
KAEAQIAAK	34	9	8
NLDKEYLPIGGLAEFCK	29	17	8
TCGFDFTGAVEDISK	41	15	8
DILATNGVIHYIDELLIPDSAK	31	22	6
EGVYTVFAPTNEAFR	27	15	6
GDELADSALEIFK	71	13	6
TLFELAAESDVSTAIDLFR	109	19	6
VISTITNNIQIIEIDTFETLR	52	23	6
YGTFLTMDR	31	9	6
EVAGLWIK	33	8	7
IESVLSSSGK	60	10	7
IESVLSSSGKR	82	11	7

KPSQLSSFSWDNCDEGK	28	17	7
KPSQLSSFSWDNCDEGKDPVIR	41	23	7
SEFVVPDLELP SWLTGNYR	77	20	7
VDLVLEK	40	7	7
IPLNLQIIR	74	10	2
TIQEVAGYVLIALNTVER	48	18	2
EGDMLTLFDGDGPSAR	46	16	11
FEAFEDR	35	8	11
GLISDAQSLYVELLSETPANPLLLSLR	48	27	11
ILLQVEILNVR	59	11	11
LLSSGPDLTQFQAPPGPPNPGLGQGFVLHF	37	32	11
SGGSPLSPVIYDSMDVPER	98	21	11
TASDAGFPVGSHVQYR	29	16	11
TASHGDLIR	52	9	11
VAYEELLDNR	64	10	11
VSLDEDNDR	54	9	11
WVIEAAEGR	38	9	11
GSSSSPLGISVR	59	12	1
AYGYSGVSLK	36	10	6
GLLQNVHLVFENSVEDILSK	36	20	6
GTTQIDPNWVIR	37	12	6
LVFNPDQEDLDGDGR	81	15	6
QVMADSGPIYDQTYAGGR	45	18	6
SCDVTSNTCLGPSIQTR	101	17	6
ATNYNAGDR	44	9	7
GISLANWMCLAK	63	12	7
LGMDGYR	33	7	7
QYVQCGV	34	8	7
RLGMDGYR	35	8	7
STDYGIFQINSR	77	12	7
TPGAVNACHLSCSALLQDNIADAVACAK	46	28	7
DLLFGSIVAVDEPTRPIYR	32	19	4
GSLLLGGDLAEASR	46	14	4
KGNLQLQGTR	84	10	4
LSDGQGFTQDDIQAGR	82	16	4
EAEEHQETQCLR	57	12	3
GLQVALEEFHK	48	11	3
HPPVQWAFQETSVESAVDTPFPAGIFVR	34	28	3
AYWDIMISNHQNSNR	78	15	6
EALQGVGDMGR	73	11	6
FRPDGLPK	38	8	6
GPGGVWAAK	53	9	6
SNEKAEWGR	53	10	6
VYLQGLIDYYLFGNSSTVLEDSK	122	23	6
FLDDITDDIMCAK	74	14	3
LEQWLCEKL	42	9	3
NICDISCDK	40	9	3
LLLTAGVSAGR	76	11	2
LVCYFTNWSQDR	54	12	2
ELLESYIDGR	68	10	26
ENLDRDIALMK	46	11	26
ETAASLLQAGYK	77	12	26
ETWTANVGK	36	9	26
GDACEGDSGGPFVMK	62	15	26
GQPSVLQVVNLPIVER	79	16	26
GQPSVLQVVNLPIVERPVCK	78	20	26

HQDFNSAVQLVENFCR	92	16	26
ITDNMFCAGYKPDEGK	33	16	26
IVEGSDAEIGMSPWQVMLFR	114	20	26
KPVAFSDYIHPVCLPDR	41	17	26
KSPQELLCGASLISDR	63	16	26
LAACLEGNCAEGLGTNYR	93	18	26
LAVTTHGLPCLAWASAAK	77	19	26
LKKPVAFSDYIHPVCLPDR	32	19	26
NPDGDEEGVWCYVAGK	78	16	26
NPDSSTTGPWCYTTPTR	87	19	26
PVAFSDYIHPVCLPDR	40	16	26
SEGSSVNLSPPLEQCVPDR	86	19	26
SGIECQLWR	45	9	26
SPQELLCGASLISDR	84	15	26
TATSEYQTFNPR	59	13	26
TFSGEADCGLRPLFEK	50	17	26
VTGWGNLK	42	8	26
WYQMGIVSWGEGCDR	58	15	26
YGFYTHVFR	75	9	26
DWAESTLMTQK	50	11	4
EQANNILAR	31	9	4
ETYDFDIAVLR	42	11	4
NTEQEEGGEAVHEVEVVIK	49	19	4
ATLGPAVRPLPWQR	35	14	8
GDSGGPLVCGGVLEGVVTSGSR	68	22	8
KKPGIYTR	34	8	8
RPDSLQHVLLPVLDR	54	15	8
RTHHDGAITER	42	11	8
THHDGAITER	48	10	8
VASYAAWIDSVLA	50	13	8
VQVLLGAHSLSQPEPSKR	33	18	8
AFQYHSK	30	7	33
APWCHTTNSQVR	34	12	33
CQSWSSMTPHR	34	11	33
CTTPPPSSGPTYQCLK	59	16	33
DKYILQGVTSWGLGCAR	41	17	33
DVVLFEK	36	7	33
EAQLPVIENTK	58	10	33
EQQCVIMAENR	75	11	33
EQQCVIMAENRK	44	12	33
FSPATHPSEGLEENYCR	42	17	33
FVTWIEGVMR	58	10	33
HSIFTPETNPR	44	11	33
KDIALLK	58	7	33
KSSIIIR	34	7	33
KVYLSECK	36	8	33
LFLEPTR	34	7	33
LFLEPTRK	30	8	33
LSSPAVITDK	51	10	33
LYDYCDVPQCAAPSFDCGKPQVEPK	33	25	33
MRDVVLFEK	32	9	33
NLDENYCR	50	8	33
NPDGDVGGPWCYTTNPR	111	17	33
NPDNDPQGPWCYTTPDPEK	38	18	33
PNKPGVYVR	39	9	33
QLGAGSIEECAAK	67	13	33

RAPWCHTTNSQVR	43	13	33
TECFITGWGETQGTFGAGLLK	102	21	33
TPENFPCK	52	8	33
TPENYPNAGLTMNYCR	74	16	33
VILGAHQEVNLEPHVQEIEVSR	81	22	33
VIPACLPSPNYVVADR	58	16	33
VQSTELCAGHLAGGTDSCQGDSGGPLVCFE	66	31	33
WELCDIPR	39	8	33
CFEPQLLR	32	8	8
LASQACR	40	7	8
LHEAFSPVSYQHDLALLR	130	18	8
LQEDADGSCALLSPYVQPVCLPSGAAR	38	27	8
NPDNDIRPWCFVLNR	31	15	8
PAPEDLTVVLGQER	59	14	8
TTLSGAPCQPWASEATYR	75	18	8
VVGGLVALR	66	9	8
ALFVSEEEK	29	9	37
ALFVSEEEKK	66	10	37
CLVNLIEK	45	8	37
DAQYAPGYDK	38	10	37
DFHINLFQVLPWLK	37	14	37
DISEVVTPR	50	9	37
DLEIEVVLFHPNYNINGK	30	18	37
DLLYIGK	39	7	37
DLLYIGKDR	45	9	37
DNEQHVFK	38	8	37
EAGIPEFYDYDVALIK	55	16	37
EDYLDVYVFGVGPLVNQVNINALASK	39	26	37
EELLPAQDIK	47	10	37
EKLQDEDLGFL	60	11	37
FIQVGVISWGVVDVCK	42	16	37
FLCTGGVSPYADPNTCR	74	17	37
GDSGGPLIVHK	68	11	37
GDSGGPLIVHKR	42	12	37
ISVIRPSK	54	8	37
KCLVNLIEK	51	9	37
KDNEQHVFK	39	9	37
KEAGIPEFYDYDVALIK	37	17	37
LEDSVTYHCSR	78	11	37
LLQEGQALEYVCPSGFYYPVQTR	53	24	37
LPPTTTCQQK	57	11	37
LQDEDLGFL	35	9	37
PICLPCTEGTTR	33	12	37
PQGSCSLEGVEIK	80	13	37
QLNEINYEDHK	42	11	37
STGSWSTLK	39	9	37
VASYGVKPR	54	9	37
VKDISEVVTPR	73	11	37
VSEADSSNADWVTK	103	14	37
VSVGGEKR	57	8	37
WSGQTAICDNGAGYCSNPGIPIGTR	109	25	37
YGLVTYATYPK	76	11	37
YGQTIRPICLPCTEGTTR	58	18	37
AESPEVCFNEESPK	55	14	21
DADPDFFAK	40	10	21
ELISLVEDVSSNYDGCCEGDVVQCIR	110	26	21

ESLLNHFLYEVAR	58	13	21
FLVNLVK	41	7	21
FTDSENVQER	63	11	21
FTFEYSR	29	7	21
HELTDEELQSLFTNFANVVDK	38	21	21
HFQNLGK	33	7	21
HPDLSIPELLR	36	11	21
HVCGALLK	37	8	21
IAPQLSTEELVSLGEK	91	16	21
ICAMEGLPQK	50	10	21
KSDVGFLPPFPTLDPEEK	49	18	21
LCFFYNK	29	7	21
LKHELTDEELQSLFTNFANVVDK	32	23	21
LPNNVLQEK	43	9	21
NPFVFAPTLTVAVHFEEVAK	32	21	21
RHPDLSIPELLR	50	12	21
TINPAVDHCCK	51	11	21
VMNHICSK	34	8	21
CDFEVLVVPWQNSSQLLK	35	18	2
DLSPDDPQVQK	51	11	2
AALEGFLAALQADPPQAER	86	19	21
AKMDLEER	47	8	21
CLPGEFVSEALLVPEGCR	62	18	21
DDTPMTLPK	45	9	21
EWAMADNQSK	41	10	21
FQVHHLQVIEER	93	13	21
GGLQPPDSKDDTPMTLPK	31	18	21
GSTEQDAASPEKEK	53	14	21
HQEAQEACSSQGLILHGSGMLLPCGSDR	32	28	21
HYQHVAAVDPEK	76	12	21
LVETHATR	59	8	21
MDQCESSTR	65	9	21
MNPLEQYER	49	9	21
QALNEHFQSILQTLQEEQVSGER	86	22	21
QINEVMR	36	7	21
QMYPELQIAR	67	10	21
RAALEGFLAALQADPPQAER	47	20	21
SGSCAHPHHQVVPFR	54	15	21
VEQATQAIPMER	69	12	21
VIALINDQR	70	9	21
VIALINDQRR	30	10	21
EHVAHLLFLR	48	10	7
EQLGEFYEALDCLCIPR	74	17	7
NWGLSFYADKPETTK	68	15	7
SDVMYTDWK	65	9	7
SDVMYTDWKK	50	10	7
TLMFGSYLDDEK	72	12	7
TLMFGSYLDDEKNWGLSFYAI 1Met(ox)	42	27	7
EVLGTGNDEVIGQVLSTLK	94	18	6
LGASPLHVDLATLR	94	14	6
LPYTASSGLMAPR	81	13	6
LSIEDFTAYGGVFGNK	75	16	6
NVLLFLQDK	58	9	6
SEDPYTAALTAVR	40	14	6
AALSGANVLTLEK	85	14	36
ADGSGSVVLR	75	10	36

AIALDPR		32	7	36
ATALAIMGDK	1Met(ox)	73	10	36
AVTDEEPFLIFANR		59	14	36
CIPISWTCDLDDDCGDR		68	17	36
CPLNYFACPSGR		32	12	36
CSCYEGWVLEPDGESCR		41	17	36
DGILFWTDWDASLPR		66	15	36
EYAGYLLYSER		42	11	36
FCSEAQFECQNHR		32	13	36
GIALDPAMGK		39	10	36
GPVGLAIDFPESK		83	13	36
GVGGAPPTVTLLR		31	13	36
GWDTLYWTSYTTSTITR		67	17	36
IEAASMSGAGR		89	11	36
IFFSDIHFGNIQQINDDGSR		45	20	36
ILWIDAR		42	7	36
ITWPNGLTLDYVTER		38	15	36
IVFPHGITLDLVS		42	14	36
LWWADQVSEK		34	10	36
LYWVDAFYDR		37	10	36
MYDAQQQQVGTNK		89	13	36
NAVVGLEQPHGLVVHPLR		52	19	36
NEPVDRPPVLLIANSQNILATYLSGAQVSTITF		27	37	36
NGDTCVTLLDLELYNPK		63	17	36
NVIALAFDYR		56	10	36
QGLNNAVALDFDYR		49	14	36
SLDPFKPFIIFSNR		40	14	36
SVIVDTK		39	7	36
TGLSNPDGLAVDWVGGNLYWCDK		77	23	36
TNTQPFDLQVYHPSR		38	15	36
TTLLAGDIEHPR		40	12	36
TVLWPNGLSLDIPAGR		45	16	36
VFFTDYGGQIPK		53	11	36
YVVISQGLDKPR		46	12	36
EQFLDGDGWTSR		56	12	4
FYALSASFEPFSNK		73	14	4
GKNVLINK		36	8	4
SGTIFDNFLITNDEAYAEFFGNETWGVTK		41	29	4
VSGPWEEADAEAVAR		89	15	1
CPAGVSLVLDGCGCCR		39	16	4
DGAPCIFGGTVYR		52	13	4
GLFCDFGSPANR		60	12	4
LPSPDCPFPR		28	10	4
FNALQYLR		57	8	11
ILGPLSYSK		46	9	11
ISETSLPPDMECLR		29	15	11
ISNIPDEYFK		41	10	11
LKEDAVSAAFK		75	11	11
LPSGLPVSLLTLYLDNNK		76	18	11
NIPTVNENLENYYLEVNQLEK		91	21	11
NNQIDHIDEK		51	10	11
RFNALQYLR		45	9	11
SLEDLQLTHNK		80	11	11
SLEYLDLSFNQIAR		68	14	11
LENLLLLDLQHNR		32	13	3
NLMQLNLAHNILR		86	13	3

NQLEEVPSALPR		52	12	3
LLLGYNISK		34	10	2
LQDIPYNIFNLPNIVELSVGHNK		42	23	2
DFALQNPSAVPR		45	12	9
DLHFLEELQLGHNR		48	14	9
LAELPADALGPLQR		66	14	9
LAYLQPALFSGLAELR		69	16	9
LEALPNSLLAPLGR		54	14	9
LEYLLLSR		51	8	9
LWLEGNPWDCGCPLK		45	15	9
NLIAAVAPGAFLGLK		91	15	9
VAGLLEDTFPGLLGLR		82	16	9
AIPVAQDLNAPSDWDSR		106	17	11
ANDESNEHSDVIDSQELSK		83	19	11
DSYETSQLDDQSAETHSHK		73	19	11
GDSVVYGLR		58	9	11
GKDSYETSQLDDQSAETHSHK		37	21	11
ISHELDSASSEVN		71	13	11
KANDESNEHSDVIDSQELSK		40	20	11
QLYNKYPDAVATWLNPDPSQK		28	21	11
QNLLAPQNAVSSEETNDFK		58	19	11
SKEEDKHLK		35	9	11
YPDAVATWLNPDPSQK		66	16	11
FTYTVLEDGCTK		31	12	2
INTDEIMTSLK		44	11	2
DICNDVLSLLEK		62	12	5
DSTLIMQLLR	1Met(ox)	46	10	5
EMQPTHPIR	1Met(ox)	46	9	5
GIVDQSQQAYQEAFEISK		108	18	5
TAFDEAIAELDTLSEESYK		86	19	5
AGFAGDDAPR		66	10	19
AVFPSIVGR		41	9	19
AVFPSIVGRPR		42	11	19
DDDIAALVVDNGSGMCK	1N-ac	82	17	19
DLTDYLMK		44	8	19
DLYANTVLSGGTTMYPGIADR	1Met(ox)	113	21	19
DSYVGDEAQSK		34	11	19
DSYVGDEAQSKR		67	12	19
EITALAPSTMK		52	11	19
GYSFTTTAER		57	10	19
HQGVMVGMGQK		60	11	19
IWHHTFYNELR		58	11	19
KDLYANTVLSGGTTMYPGIADR		35	22	19
LCYVALDFEQEMATAASSSSLEK		101	23	19
QEYDESGPSIVHR		46	13	19
RGILTLK		32	7	19
SYELPDGQVITIGNER		113	16	19
TTGIVMDSGDGVTHTVPIYEGYALPHAILR		41	30	19
VAPEEHPVLLTEAPLNPK		68	18	19
ITVETLSDKYK		34	11	1
AELQEGAR		50	8	36
AHVDALR		31	7	36
AKPAEDLR		57	9	36
AKVQPYLDDFQK		55	12	36
ATEHLSTLSEK		64	11	36
DLATVYVDVLK		77	11	36

DLATVYVDVLKDSGR		60	15	36
DLEEVKAK		43	8	36
DSGRDYVSQFEGSALGK		93	17	36
DYVSQFEGSALGK		102	13	36
EQLGPVTQEFWDNLEK		91	16	36
EQLGPVTQEFWDNLEKETEGLR		61	22	36
ETEGLRQEMSK		41	11	36
KWQEEMELYS		62	10	36
LAEYHAK		50	7	36
LEALKENGGAR		47	11	36
LHELQEK		49	7	36
LLDNWDSVTSTFSK		125	14	36
LREQLGPVTQEFWDNLEK		65	18	36
LREQLGPVTQEFWDNLEKETEGLR		38	24	36
LSPLGEEMR		52	9	36
PALEDLR		32	7	36
QEMSKDLEEVK	1Met(ox)	40	11	36
QGLLPVLESFK		54	11	36
QKLHELQEK		43	9	36
QKVEPLR		29	7	36
QKVEPLRAELQEGAR		29	15	36
THLAPYSDEL		55	11	36
VEPLRAELQEGAR		39	13	36
VKDLATVYVDVLK		86	13	36
VKDLATVYVDVLKDSGR		49	17	36
VQPYLDDFQK		47	10	36
VQPYLDDFQKK		30	11	36
VSFLSALEEYTK		85	12	36
VSFLSALEEYTKK		60	13	36
WQEEMELYS		49	9	36
AATVGSLAGQPLQER		99	15	34
AKLEEQAQQIR		97	11	34
ALMDETMK	1Met(ox)	52	8	34
ALMDETMKELK	1Met(ox)	53	11	34
AQAWGER		45	7	34
ARMEEMGSR		61	9	34
AYKSELEEQLTPVAEETR		108	18	34
DADDLQK		50	7	34
DADDLQKR		53	8	34
DRLDEVK		30	7	34
DRLDEVKEQVAEVR		70	14	34
ELQAAQAR		45	8	34
EQVAEVR		34	7	34
ERLGPLVEQGR		41	11	34
GEVQAMLGQSTEELR		126	15	34
LAVYQAGAR		59	9	34
LDEVKEQVAEVR		67	12	34
LEEQAQQIR		64	9	34
LGADMEDVCGR		82	11	34
LGPLVEQGR		69	9	34
LLRDADDLQK		33	10	34
LQAEAFQAR		61	9	34
LSKELQAAQAR		86	11	34
LVQYRGEVQAMLGQSTEELR		41	20	34
MEEMGSR		42	7	34
QQTEWQSGQR		59	10	34

QWAGLVEK	37	8	34
RLAVYQAGAR	53	10	34
SELEEQLTPVAEETR	103	15	34
SWFEPLVEDMQR	69	12	34
VEQAVETEPEPELR	77	14	34
VQAAVGTSAAPVPSDNH	111	17	34
WELALGR	27	7	34
WVQTLSEQVQEELLSSQVTQELR	134	23	34
AGTELVNFLSYFVELGTQPATQ	77	22	7
EPCVESLVSQYFQTVTDYGK	121	20	7
EQLTPLIK	29	8	7
SKEQLTPLIK	50	10	7
SKEQLTPLIKK	52	11	7
SPELQAEAK	69	9	7
VKSPELQAEAK	65	11	7
EFGNTLEDKAR	33	11	5
EWFSETFQK	28	9	5
IKQSELSAK	49	9	5
LKEFGNTLEDK	51	11	5
MREWFSETFQK	53	11	5
ESLSSYWESAK	34	11	3
STAAMSTYTGIFTDQVLSVLK	111	21	3
STAAMSTYTGIFTDQVLSVLK(1Met(ox)	35	24	3
DALSSVQESQVAQAR	109	16	2
GWVTDGFSSLK	36	11	2
ALTDMPQMR	42	9	24
AQLVDMK	40	7	24
DSDWPFCSDDEDWNYK	27	15	24
DSHSLTTNIMEILR	32	14	24
EVDLKDYEDQQK	71	12	24
EVVTSEDGSDCPEAMDGLTSLSGIGTLDGFR	28	30	24
GDFSSANNR	39	9	24
GGSTSYGTGSETESPR	83	16	24
GLIDEVNQDFTNR	98	13	24
GSESGIFTNTK	71	11	24
HRHPDEAAFFDTASTGK	47	17	24
LEVVDIDIK	43	8	24
MKPVPDLVPGNFK	31	13	24
NPGSSGTGGTATWKPGSSGPGSTGSWNSC	41	45	24
NPSSAGSWNSGSSGPGSTGNR	98	21	24
NSLFEYQK	42	8	24
PGSTGTWNPGSSER	44	14	24
PNNPDWGTFFEEVSGNVSPGTR	124	21	24
QFTSSTSYNR	43	10	24
QLEQVIAK	44	8	24
RLEVVDIDIK	34	9	24
TFPGFFSPMLGEFVSETESR	44	20	24
VQHIQLLQK	57	9	24
VTSGSTTTTR	27	10	24
AIQLTYNPDESSKPNMIDAATLK	32	23	20
ASTPNGYDNGIIWATWK	67	17	20
DNCCILDER	60	9	20
DTVQIHDITGK	42	11	20
EGFGHLSPTGTTEFWLGNEK	74	20	20
FGSYCPTTCGIADFLSTYQTK	113	21	20
IHLISTQSAIPYALR	80	15	20

KMLEEIMK	35	8	20
LDGSVDFK	39	8	20
LDGSVDFKK	42	9	20
LTIGEGQQHHLGGAK	45	15	20
LTYAYFAGGDAGDAFDGDFGDDPSDK	70	27	20
QSGLYFIKPLK	55	11	20
RLDGSVDFK	32	9	20
RLDGSVDFKK	39	10	20
TSTADYAMFK	53	10	20
VELEDWNGR	49	9	20
VGPEADKYR	47	9	20
YEASILTHDSSIR	73	13	20
YLQEIYNSNNQK	81	12	20
AAPFLTYFGLFQVH	29	14	2
QIGEFIVTR	37	9	2
AIQDGTIVLMGTYDDGATK 1Met(ox)	109	19	13
DNWVFCGGK	51	9	13
GINVALANGK	66	10	13
ICLEDNVLMMSGVK	61	13	13
LIADLGSTSITNLGFR	108	16	13
MASGAANVVGP	84	12	13
MDASLGNLFAR	88	11	13
SALDTAAR	51	8	13
SPFEQHIK	77	8	13
TGEVLDTK	68	8	13
TKSPFEQHIK	33	10	13
YEGWPEVVEMEGCIPQKQD	29	19	13
YFDMWGGDVAPFIEFLK	82	17	13
AAPLQGMLPGLLAPLR	43	16	19
ALGSAIEYTIENVFESAPNPR	70	21	19
ALILVGLER	34	9	19
ALNLGYALDYAQR	53	13	19
DVVFLLDGSEGVR	46	13	19
EVYTFASEPNDVFFK	57	15	19
IIDELNVKPEGTR	28	13	19
ITEGVPQLLIVLTADR	58	16	19
LLTPITTLTSEIQIK	42	15	19
LLVLITGGK	27	9	19
LSDAGITPLFLTR	53	13	19
NADPAELEQIVLSPAFILAAESLPK	72	25	19
PGVISVMGT	36	9	19
QLGTVQQVISER	31	12	19
QLTLLGGPTPNTGAALEFVLR	43	21	19
VAVFFSNTPTR	30	11	19
VEFLLNAHSSKDEVQNAVQR	35	20	19
VPQIAFVITGGK	43	12	19
YPPPAVESDAADIVFLIDSSEGVPRPDGFAHIR	27	32	19
AALTELSLGSAYQAMILGVDSK	63	22	66
AHLDIAGSLEGHLR	28	14	66
ALVEQGFTVPEIK	41	13	66
ATFQTPDFIVPLTDLR	43	16	66
AVSMPSFSILGSDVR	36	15	66
CSLLVLENELNAELGLSGASM 1Met(ox)	32	22	66
DKDQEVLLQTFLDDASPGDKR	27	21	66
DLKVEDIPLAR	39	11	66
EVGTVLSQVYSK	39	12	66

EYSGTIASEANTYLNSK	50	17	66
FDHTNSLNIAGLSLDFSSK	46	19	66
FQFPGKPGIYTR	27	12	66
FSVPAGIVIPSFQALTAR	28	18	66
FVTQAEQAK	40	9	66
GFEPTLEALFGK	55	12	66
GMTRPLSTLISSQSCQYTLD 1Met(ox)	28	23	66
HINIDQFVR	27	9	66
HIQNIDIQHLAGK	32	13	66
IADFELPTIIVPEQTIEIPSIK	57	22	66
IAIANIIDEIEK	76	13	66
IDDIWNLEVK	45	10	66
IEDGTLASK	45	9	66
IEGNLIFDPNNYLPK	30	15	66
IEIPLPFGGK	28	10	66
IGQDGISTSATTNLK	45	15	66
ILGEELGFASLHDLQLLGK	40	19	66
ITENDIQIALDDAK	45	14	66
LAAYLMLMR	72	9	66
LAPGELTIIL	36	10	66
LATALSLSNK	29	10	66
LGNNPVSK	41	8	66
LLLQMDSSATAYGSTVSK 1Met(ox)	49	18	66
LLSGGNTLHLVSTTK	37	15	66
LNTDIAGLASAIDMSTNYNSDξ 1Met(ox)	34	30	66
LPQQANDYLNSFNWER	60	16	66
LQDFSDQLSDYYEK	53	14	66
LSLESLTSYFSIESSTK	80	17	66
LSQLQTYMIQFDQYIK	54	16	66
NFVASHIANILNSEELDIQDLK	36	22	66
NFVASHIANILNSEELDIQDLKK	30	23	66
NIQEYLSILTDPDGK	61	15	66
NLTDFAEQYSIQDWAK	49	16	66
NSEEFAAAMSR 1Met(ox)	77	11	66
NSLFFSAQPFITASTNNEGNLK	72	23	66
NTFTLSCDGSLR	28	12	66
NTLELSNGVIVK	59	12	66
QTVNLQLQPYSLVTTLNSDLK	60	21	66
QVFLYPEKDEPTYILNIK	31	18	66
SEILAHWSPAK	48	11	66
SGSSTASWIQNVDTK	35	15	66
SLWDFLK	31	7	66
SNTVASLHTEK	67	11	66
SPSQADINK	53	9	66
SVSLPSLDPASAK	28	13	66
TGISPLALIK	28	10	66
TILGTMPAFEVSLQALQK 1Met(ox)	37	18	66
TLADLTLLDSPIK	41	13	66
TQFNNNEYSQDLDAYNTK	54	18	66
TSSFALNLPTLPEVK	64	15	66
VELEVPQLCSFILK	33	14	66
VIGNMGQTMEQLTPELK	37	17	66
VNWEEEAASGLLSLK	87	16	66
VPSYTLILPSLELPVLHVPR	29	20	66
YEDGTLSLTSTSDLQSGIIK	55	20	66
YGMVAQVTQTLK 1Met(ox)	27	12	66

YSQPEDSLIPFFEITVPESQLTVSQFTLPK	60	30	66
ESQAYYQR	35	8	10
GENFTETDVK	46	10	10
HMAGAAAAGAVVGGLGGYMI3Met(ox)	42	26	10
PGGWNTGGSR	57	10	10
PIIHFGSDYEDR	64	12	10
QHTVTTTTK	51	9	10
QHTVTTTTKGENFTETDVK	27	19	10
VVEQMCITQYER	93	12	10
YPGQGSPPGGR	60	11	10
YPNQVYYR	47	8	10
DVSSSVYSTWK	52	11	3
LLCTDPGFVK	29	10	3
LVVQSSIDSSAFK	55	13	3
AIWNVINWENVTER	71	14	4
GDVTAQIALQPALK	68	14	4
GELLEAIKR	44	9	4
LTAASVGVQGSWGWLGFNK	75	20	4
DLLAGLPAPGVEVYCLYGVGLPTR	45	25	7
ITTTSPWMFPSR	40	12	7
LEPGQEEYYR	33	11	7
SSGLVSNAPGVQIR	64	14	7
STELCGLWQGR	48	11	7
TYIYDHGFYTDVPVGVLYEDGDDTVATR	28	28	7
TYSVEYLDSSK	47	11	7
AGPPGPTDDFSVEYLVVGNR	39	20	6
DAVAGGPENCLTSLTQDR	87	18	6
LCDPSAPLAFLQASK	64	15	6
TCLPAPGVEGGGCEGVLEEGR	72	21	6
TYLGVESFDEVLR	73	13	6
WLDACLAGSR	61	10	6
ALAILTLR	40	8	5
FDSFADASVLGVLPYVLR	38	19	5
IGESDFFFTVPVSR	41	14	5
QALVDSVFQVSVLPGNVGYLR	63	21	5
TAVDLESASQLTADLQEVSGDHR	50	24	5
ADLFYDVEALDLESPK	108	16	15
ALDLINK	36	7	15
ALDLINKR	61	8	15
DGYLFQLLR	51	9	15
DSPVLIDFFEDTER	88	14	15
GEVLPLPEANFPSFPLPHHK	28	20	15
GGEGTGYFVDFSVR	87	14	15
HSHESQDLR	35	9	15
IADAHLDLDR	64	8	15
QIGSVYR	35	7	15
RDGYLFQLLR	41	10	15
RPSEIVIGQCK	52	11	15
SGFPQVSMFFTHTFPK	53	16	15
YKEENDDFASFR	64	12	15
YWNDCEPPDSR	46	11	15
APLTKPLK	35	8	6
ESDTSYVSLK	57	10	6
GYSIFSATK	36	10	6
KAFVFPK	40	7	6
QDNEILIFWSK	38	11	6

RQDNEILIFWSK	28	12	6
AYSLFSYNTQGR	81	12	6
DNELLVYK	38	8	6
GYVLIKPLVWV	51	11	6
IVLGQEQDSYGGK	77	13	6
QGYFVEAQPK	39	10	6
VGEYSLYIGR	78	10	6
GHIYQGSEADSVFSGFLIFPSA	44	22	5
GLFQVVS GGMVLQLQQGDQ\ 1Met(ox)	29	24	5
KGHIYQGSEADSVFSGFLIFPSA	32	23	5
PAFSAIR	42	7	5
SLGFCDTTNK	38	10	5
FNAVLTNPQGDYDTSTGK	77	18	5
FQSVFTVTR	55	9	5
QTHQPPAPNSLIR	44	13	5
TNQVNSGGVLLR	62	12	5
VVTFCGHTSK	31	10	5
AEQCCEETASSISLHGK	104	17	14
AIEDYINEFSVR	86	12	14
ALPTTYEK	29	8	14
DRDGNTLTYYR	35	11	14
DVVLTTTFVDDIK	56	13	14
GTVIDVTDFVNWASSINDAPVLISQK	78	26	14
LSPIYNLVPVK	38	11	14
QCVPTPCEDAEDDCGNDFQCSTGR	38	25	14
RPWNVASLIYETK	44	13	14
SIEVFGQFNGK	54	11	14
TAGYGINILGMDPLSTPFDNEFYNGLCNR	51	29	14
TEHYEEQIEAFK	59	12	14
TSNFNAAISLK	53	11	14
VVEESELAR	59	9	14
ALGHLDLSG NR	52	11	10
DGFDISGNPWICDQNLSDLYR	75	21	10
DLLLQPDLR	42	10	10
ENQLEVLEVSWLHGLK	65	16	10
GPLQLER	52	7	10
LHLEG NK	46	7	10
NALTGLPPGLFQASATLDTLVLK	59	23	10
TLDLGENQLETLPD LLR	80	18	10
VAAGAFQGLR	66	10	10
YLFLNGNK	28	8	10
AQITGYR	38	7	32
DLQFVEVTDVK	78	11	32
ESKPLTAQQTTK	52	12	32
GATYNIIVEALK	77	12	32
GATYNIIVEALKDQQR	95	16	32
GDSPASSKPISINYR	60	15	32
GLAFTDVDVDSIK	74	13	32
IAWESPQQQVSR	56	12	32
IGDQWDK	36	7	32
IGDTWSK	32	7	32
ISCTIANR	51	8	32
ITGYIK	36	7	32
ITYGETGGNSPVQEFTVPGSK	80	21	32
IYLYTLNDNAR	66	11	32
LTVGLTR	38	7	32

MSESGFK	28	7	32
NTFAEVTGLSPGVTTYFK	92	18	32
QYNVGPSVSK	34	10	32
SDTVPSPR	38	8	32
SEPLIGR	31	7	32
SSPVVIDASTAIDAPSNLR	103	19	32
STTPDITGYR	46	10	32
SYTITGLQPGTDYK	73	14	32
TFYSCCTTEGR	60	10	32
TYLGNALVCTCYGGSR	85	16	32
VEYELSEEGDEPQYLDLPSTATSVNIPDLLPC	88	34	32
VFAVSHGR	37	8	32
VGDTYERPK	50	9	32
VTIMWTPPESAVTGYR 1Met(ox)	61	16	32
VTWAPPPSIDLTNFLVR	66	17	32
WLPSSSPVTGYR	45	12	32
YEVSVYALK	51	9	32
DPEGLFLQDNIVAEFVSDETG 1Met(ox)	41	28	13
DPNGLPPEAQK	42	11	13
FSGTWYAMAK 1Met(ox)	66	10	13
GNDDHWIVDTDYDTYAVQYSCR	98	22	13
KDPEGLFLQDNIVAEFVSDETI 1Met(ox)	58	29	13
LIVHNGYCDGR	31	11	13
LLNLDGTCADSYSFVFSR	123	18	13
LLNNWDVCADMVGTFDTEDPAK	116	23	13
MKYWGVASFLQK	41	12	13
QEELCLAR	37	8	13
VKENFDK	41	7	13
VKENFDKAR	64	9	13
YWGVASFLQK	50	10	13
AFIQLWAFDAVK	78	12	12
ECLQTCR	27	7	12
EDSCQLGYSAGPCMGMTSR	57	19	12
ETLLQDFR	72	8	12
EYCGVPGDGDEELLR	40	15	12
GECVPGEQEPEPILIPR	72	17	12
GVCEETSGAYEK	45	12	12
HHGPTITAK	34	9	12
MTVSTLVLGEGATEAEISMTS 2Met(ox)	108	23	12
TVAACNLPIVR	57	11	12
VVAQGVGIPEDSIFTMADR 1Met(ox)	62	19	12
WYNLAIGSTCPWLK	75	14	12
EQLGEFYEALDCLR	73	14	11
KDKCEPLEK	44	9	11
NWGLSVYADKPETTK	91	15	11
SDVVYTDWK	59	9	11
SDVVYTDWKK	51	10	11
SVQEIQATFFYFTPNK	43	16	11
TEDTIFLR	65	8	11
TYMLAFDVNDEK	62	12	11
TYMLAFDVNDEKNWGLSVYADKPETTK	61	27	11
WFYIASAFR	56	9	11
YVGGQEHFAHLILR	87	15	11
AQLVPLPPSTYVEFTVSGTDCVAK	72	24	8
CNLLAEK	32	7	8
EHAVEGDCDFQLLK	77	14	8

FSVYAK	36	7	8
HTFMGVVSLGSPSGEVSHPR	127	20	8
HTLNQIDEVK	62	10	8
QLKEHAVEGDCDFQLLK	46	17	8
QPNCCDPETEEAALVAIDYINQNLPGYK	47	29	8
AADDWEPFASGK	99	13	13
ALGISPFHEHAEVVFTANDSGPR	110	23	13
ALGISPFHEHAEVVFTANDSGPRR	44	24	13
CPLMVKVLDAVR	29	12	13
GSPAINVAVHVFR	97	13	13
GSPAINVAVHVFRK	52	14	13
KAADDWEPFASGK	103	14	13
RYTIAALLSPYSYSTTAVVTNPK	72	23	13
RYTIAALLSPYSYSTTAVVTNPKE	78	24	13
TSESGELHGLTTEEEFVEGIYK	95	22	13
TSESGELHGLTTEEEFVEGIYKVEIDTK	67	28	13
YTIAALLSPYSYSTTAVVTNPK	106	22	13
YTIAALLSPYSYSTTAVVTNPKE	125	23	13
ADDKETCFAEEGKK	50	14	33
AEFAEVSKLVDTLK	87	15	33
AFKAWAVAR	42	9	33
AVMDDFAAFVEK	81	12	33
CCTESLVNR	59	9	33
DAHKSEVAHR	61	10	33
DDNPNLPRLVR	33	11	33
DLGEENFK	44	8	33
EFNAETFTFHADICTLSEKER	54	21	33
ETYGEMADCCAK	61	12	33
FPKAEFAEVSK	58	11	33
HPYFYAPELLFFAKR	78	15	33
KVPQVSTPTLVEVSR	87	15	33
KYLYEJAR	49	8	33
LAKTYETTLK	49	11	33
LDELDEGKASSAK	47	14	33
LVRPEVDVMCTAFHDNEETFLK	70	22	33
LVRPEVDVMCTAFHDNEETFLKK	52	23	33
LVTDLTK	48	7	33
NECFLQHKDDNPNLPR	76	16	33
QEPERNECFLQHKDDNPNLPR	64	21	33
QTALVELVK	52	9	33
RHPDYSVVLRL	73	12	33
RHPYFYAPELLFFAK	85	15	33
RHPYFYAPELLFFAKR	52	16	33
RPCFSALEVDETYVPK	70	16	33
SHCIAEVENDEMPADLPSLAADFVESK	139	27	33
TPVSDRVTK	46	9	33
TYETTLK	40	8	33
VFDEFKPLVEEPQNLK	81	17	33
VHTECCHGDLLECADDRADLAK	40	22	33
YICENQDSISSK	87	12	33
YLYEJAR	40	7	33
ADRDQYELLCLDNTR	74	15	80
AIAANEADAVTLDAGLVYDAYLAPNNLK	28	28	80
AIAANEADAVTLDAGLVYDAYLAPNNLKPVV/	67	38	80
APNHAVVTR	59	9	80
ASYLDCIR	47	8	80

AVANFFSGSCAPCADGTDFPQLCQLCPGCG	46	45	80
AVGNLRK	53	7	80
CDEWSVNSVGK	76	11	80
CGLVPVLAENYNK	39	13	80
CLKDGAGDVAFVK	78	13	80
CLVEKGDVAFVK	63	12	80
CSTSSLLEACTFR	100	13	80
DCHLAQVPSHTVVAR	54	15	80
DDTVCLAK	41	8	80
DGAGDVAFVK	92	10	80
DGAGDVAFVKHSTIFENLANK	49	21	80
DKEACVHK	33	8	80
DKSKEFQLFSSPHGK	31	15	80
DLLFKDSAHGFLK	38	13	80
DLLFRDDTVCLAK	60	13	80
DQYELLCLDNTR	77	12	80
DSAHGFLK	46	8	80
DSGFQMNQLR	78	10	80
DYELLCLDGTR	81	11	80
DYELLCLDGTRK	50	12	80
EDLIWELLNQAQEHFGK	89	17	80
EDLIWELLNQAQEHFGKDK	50	19	80
EDPQTFYYAVAVVK	98	14	80
EDPQTFYYAVAVVVK	54	15	80
EFQLFSSPHGK	74	11	80
EFQLFSSPHGKDLLFK	58	16	80
EGTCPEAPTDECK	40	13	80
EGTCPEAPTDECKPVK	58	16	80
EGYYGYTGAFR	60	11	80
FDEFFSEGCAPGSK	105	14	80
FDEFFSEGCAPGSKK	41	15	80
GDVAFVK	55	7	80
GDVAFVKHQTVQPNTGGK	48	18	80
HQTVQPNTGGK	54	11	80
HQTVQPNTGGKNPDPWAK	28	18	80
HSTIFENLANK	82	11	80
HSTIFENLANKADR	95	14	80
IECVSAETTEDCIAK	88	15	80
IMNGEADAMSLDGGFVYIAGK 1Met(ox)	130	21	80
KASYLDCIR	50	9	80
KCSTSSLLEACTFR	88	14	80
KDKEACVHK	43	9	80
KDSGFQMNQLR	81	11	80
KDSSLCK	35	7	80
KPVDEYK	38	7	80
KPVDEYKDCHLAQVPSHTVVAR	50	22	80
KPVEEYANCHLAR	79	13	80
KSASDLTWDNLK	105	12	80
KSCHTAVGR	60	9	80
LCMGSGLNLCPEPNK	84	15	80
LHDRNTYEK	31	9	80
LKCDEWSVNSVGK	90	13	80
MYLGYEYVTAIR	91	12	80
NLNEKDYELLCLDGTR	132	16	80
NLNEKDYELLCLDGTRK	84	17	80
NPDPWAK	28	7	80

NTYEKYLGEELYVK	61	13	80
PVVAEFYGSK	55	10	80
QQQHFLFGSNVTDCSGNFCLFR	39	21	80
SAGWNIPIGLLYCDLPEPR	97	19	80
SASDLTWDNLK	84	11	80
SASDLTWDNLKKG	66	13	80
SCHTAVGR	44	8	80
SCHTGLGR	33	8	80
SDNCEDTPEAGYFAVAVVK	118	19	80
SETKDLLFR	38	9	80
SKEFQLFSSPHGK	72	13	80
SKEFQLFSSPHGKDLLFK	48	18	80
SMGGKEDLIWELLNQAQEHFGK	71	22	80
SVIPSDGPSVACVK	82	14	80
SVIPSDGPSVACVKK	36	15	80
TAGWNIPMGLLYNK	90	14	80
WCALSHHER	53	9	80
WCAVSEHEATK	67	11	80
YLGEELYVK	54	8	80
DGWHWSPIAHQWPQGPSAVDAAFSWEEK	36	28	21
DYFMPCPGR	29	9	21
EVGTPHGIILDSVDAAFICPGSSR	112	24	21
EWFWDLATGTMK	55	12	21
1Met(ox)			
GDKVWVYPPEK	43	11	21
GDKVWVYPPEKK	52	12	21
GECQAEGVLFFQGDR	93	15	21
GGYTLVSGYPK	83	11	21
LHIMAGR	36	7	21
LLQDEFPGIPSPLDAAVECHR	57	21	21
LWWLDLK	38	7	21
LYLVQGTQVYVFLTK	77	15	21
NFPSPVDAAFR	50	11	21
QGHNSVFLIK	51	10	21
RLWWLDLK	46	8	21
SGAQATWTELPWPHEK	70	16	21
SLGPNSCSANGPGLYLIHGPNLYCYSDVEK	40	30	21
VDGALCMEK	55	9	21
VWVYPPEK	34	8	21
VWVYPPEKK	38	9	21
YYCFQGNQFLR	58	11	21
ASNLLLGFR	70	10	16
DEQYLFLVR	56	9	16
ESAPGLIATGSGVK	48	15	16
EYIVEYSR	33	8	16
GGTWEFLQAPFTGYGEK	49	18	16
INCELSQGCSLHLAQR	27	16	16
ITTVLSAPDALK	43	13	16
LEGELVPCPLAEENEFILYAVR	57	22	16
LSQLLNQLR	65	10	16
NCPTTICDLDTQFR	65	14	16
NLLVNTLYTVR	53	11	16
SNIVALAR	69	9	16
STVFTIFGSNK	51	11	16
VVVPYQGPSSDYVVVK	40	16	16
WESPYDSPDQDLLYIAVK	43	19	16
YDLASGATEQLPLTGLR	35	17	16

AVEPQLQEEER	65	11	6
DPVASTSNLDMDFR	75	14	6
KVYDFLSTFITSGMR	88	15	6
SSVDELVGIDYSLMKDPVASTSNLDMDFR	122	29	6
TGLELSR	40	7	6
TMLQIGVMPMLNER 1Met(ox)	64	14	6
ADGEYWLGLQNMHLLTLK	65	18	3
DQDLFVQNCAALSSGAFWFR	61	20	3
FSTFDRDQDLFVQNCAALSSGAFWFR	44	26	3
AVGLAGTFR	36	9	10
DELLFPSWEALFSGSEGPLKPGAR	61	24	10
DFQPVHLHLVALNSPLSGGMR	81	20	10
GADFQCFQQR	40	11	10
IFSFDGK	40	7	10
IFSFDGKDVLR	27	11	10
LQDLYSIVR	75	9	10
LTESYCETWR	58	10	10
SVWHGSDPNGR	40	11	10
TEAPSATGQASSLLGGR	105	17	10
HVLFGTVGVPEHTYR	84	15	4
KHVLFGTVGVPEHTYR	78	16	4
VLYLSAFTSK	60	10	4
VTSLTACLVDQSLR	104	14	4
ATWSGAVLAGR	82	11	14
CEGPIPDVTFELLR	55	14	14
CLAPLEGAR	41	9	14
GVTFLLR	43	7	14
HQFLLTGDTQGR	65	12	14
LETPDFQLFK	41	10	14
LHDNQNGWSGDSAPVELILSDETLPAPEFSF	47	37	14
LLELTGPK	57	8	14
NGVAQEPVHLDSPAIK	71	16	14
SGLSTGWTQLSK	63	12	14
SLPAPWLSPVSWITPGLK	79	20	14
SWVPHTFESESDPVELLVAES	42	22	14
TPGAAANLELIFVGPQHAGNYR	109	22	14
VTLTCVAPLSGVDFQLR	54	17	14
AADIEQQAVFAVFDENK	78	17	27
AEVDDVIQVR	54	10	27
ASEFLGYWEPR	32	11	27
AWAYYSAVNPEK	75	12	27
DIASGLIGLLICK	97	14	27
DPDNIAAWYLR	56	11	27
DPPSDLKK	43	10	27
EDGILGPIR	28	10	27
EFNPLVIVGLSK	55	12	27
EKPQSTISGLLGPTLYAEVGDIK	38	24	27
ETDIEDSDIPEDTTYK	64	17	27
ETDIEDSDIPEDTTYKK	71	18	27
EVIITGIQTQGAK	90	13	27
GEYEEHLGILGPIR	33	15	27
LAAALGIR	49	8	27
LEPEDESDADYDYQNR	64	17	27
LLSLGAGEFK	53	10	27
LNNGGSYNAWSVEK	80	14	27
LSEGASYLDHTFPAEK	61	16	27

NFFNPPIISR	30	10	27
PGWWLLNTEVGENQR	81	15	27
QWLEIDLLK	42	9	27
SEAYNTFSER	57	10	27
SWYLEDNINK	30	10	27
TWNQSIALR	37	9	27
WIISSLTPK	29	9	27
WNILEFDEPTENDAQCLTR	99	19	27
DLFDPIIEDR	33	10	5
FCTGLTQIETLFK	63	13	5
GTGGVDTAAVGGVFDVSNADR	53	21	5
TDLNPDNLQGGDDLDPNYVLSSR	47	23	5
VLTPELYAELR	40	11	5
ECLCGALASYAAACAGR	97	17	6
GLWEQCQLLK	46	10	6
LLDLVFLLDGSSR	48	13	6
LPGLHNSLVK	36	10	6
YLFPGECQYVLVQDYCGSNPGTFR	32	24	6
YTLFQIFSK	36	9	6
ALALPPLGLAPLLNLWAK	27	18	7
DDWFMLGLR	40	9	7
IALGGLLPASNLR	36	14	7
QAEISASAPTSR	33	13	7
SCDVESNPGIFLPPGTQAEFNLR	59	23	7
TWDPEGVIFYGDTNPK	62	16	7
VVLSSSGSGPGLDLPLVLGLPLQLK	47	24	7
ALPGTPVASSQPR	44	13	6
EVPLLQSLWLAHNEIR	29	16	6
LPGLPEGAFR	30	10	6
MDSNELTFIPR	39	11	6
SLQLNHNR	54	8	6
TVAAGALASLSHLK	78	14	6
AAFGQGSGPIMLDEVQCTGTEASLADCK	58	28	18
ASHEEVEGLVEK	45	12	18
AVDTWSWGER	71	10	18
ELSEALGQIFDSQR	93	14	18
GQWGTVCNLDLTDASVVCR	116	21	18
IDITLSSVK	66	9	18
IYTSPTWSAFVTDSSWSAR	136	19	18
KSQLVYQSR	37	9	18
LADGGATNQGR	89	11	18
LASAYGAR	40	8	18
RIDITLSSVK	65	10	18
SDLAVPSELALLK	49	13	18
SQLVYQSR	36	8	18
STHTLDLSR	50	9	18
TLQALEFHTVPFQLLAR	46	17	18
YSSDYFQAPSDYR	86	13	18
YYPYQSFQTPQHPSFLFQDK	33	20	18
YYPYQSFQTPQHPSFLFQDKR	28	21	18
DYEILFK	28	7	7
FFNVLTNTDYGK	58	12	7
IEFISTMEGYK	49	11	7
LDLTEKDYEILFK	38	13	7
NLDGISHAPNAVK	63	13	7
TAFYLAEFFVNEAR	66	14	7

YYIAASYVK	34	9	7
ALDENGHDLAVTFPGPGEDGLNPFLEVK	30	28	4
ELIDQYDVQR	38	10	4
IPAMVVDR	46	8	4
TVLQNWLK	35	8	4
AFNNVGEIPLYESAVTR	56	18	17
DGTFLNLVSDDR	66	12	17
DGTFLNLVSDDRR	32	13	17
DVTVVSK	38	7	17
DVVASLVSTR	59	10	17
GMGPMSEAVQFR	69	12	17
GYAIGYGIGSPHAQTIK	50	17	17
HGPGVSTPDVAVR	94	13	17
HSGESSAPLR	58	11	17
ITWADNSLPK	50	10	17
LIVAGLPR	29	8	17
QPLLLDDR	43	8	17
SDVTETLVSGTQLSQLIEGLDR	104	22	17
SGSAPQSPGASIR	39	13	17
TFTPFYFLVEPVDTLVSR	79	18	17
TIIVNWQPPSEANGK	60	15	17
TLSDVPSAAPQNLSLEVR	68	18	17
CSCASGFLLAADGK	76	14	12
CSCASGFLLAADGKR	35	15	12
EGETCGAEDNDSCGISLYK	73	19	12
FECPPNYVQVSK	36	12	12
GNEEGYFGTR	45	10	12
IGPAPAFTGDTIALNIIK	71	18	12
LNAYTGVVYLQR	55	12	12
QGSVTTFLAK	37	10	12
QGYQLAEDGHTCTDIDECAQGAGILCTFR	39	29	12
RVSEAEMAGR	35	10	12
SEFSQVASNTIPLPLQPNTCK	43	22	12
TTCHDFLECQNSPAR	73	15	12
AVIHPDYDAASHDQDIMLLR	88	20	12
DSCQGDGGPLVCGDHLR	83	18	12
EECEHAYPGQITQNMLCAGDI 1Met(ox)	40	22	12
EKPGVYTNVCR	34	11	12
ESSQEQSSVVR	64	11	12
GLVSWGNIPCGSK	71	13	12
KPNLQVFLGK	58	10	12
LSELIQPLPLER	61	12	12
LVHGGPCDK	46	9	12
PNLQVFLGK	66	9	12
TADGDFPDTIQCAYIHLVSR	61	20	12
YTNWIKK	37	7	12
AGFSEDDYTALISQNILEGK	113	21	4
ELQVPSEQVAFTVTAWDSQTAEK	33	23	4
LLVAQTSSPHSGHKPQK	35	17	4
VGADGTVFATR	98	11	4
FLYLGPFK	29	8	3
IVVEDVDEPPVFSK	41	14	3
LAYILQIR	47	8	3
DIQGSQDIFK	77	11	8
GDIVTVVSPALLDR	41	14	8
INENTGSVSVTR	93	12	8

SIVVSPILIPENQR	54	14	8
TLFVHAR	37	7	8
TPHAEDMAELVIVGGK	43	16	8
VNSDGGLVALR	105	11	8
YEVSSPYFK	35	9	8
DYDPEDWLQVDAATGR	56	16	5
FSILQQGSPELFSIDELTGEIR	108	22	5
FTILEGDPDGQFTIR	78	15	5
TSLAEGAPPGLVATFSAR	38	19	5
VSVQNEAPLQAAALR	66	15	5
ASLQFDLVK	34	9	3
NGESIASFFQFFGGWPK	29	17	3
VPPPSDAPLPFDR	28	13	3
IVIGLFGK	36	8	3
TPFVVEIADW	44	10	3
TVENFVALATGEK	77	13	3
EIVMTQSPPTLSLSPGER	30	18	2
LLIYGASTR	37	9	2
LFFLGQK	35	7	2
STLAPGLLWWDLAR	63	14	2
AIFSASIDDK	36	10	1
AELLVTEAPSKPITVVEEQR	44	21	45
AHSSAGQQVAR	39	11	45
AQAGANTRPCPS	57	12	45
ATFSSVPLVASISAVSLEVAQGPSNRPR	34	29	45
CAPGYGNPSQGQPCQR	48	17	45
CEQCQPGYYGDAQR	63	14	45
CVASNAYGVAQSVVNLSVHGPPTVSVLPEGI	56	35	45
DFISLGLQDGHLVFR	85	15	45
EVSEAVVDTLESEYLK	64	16	45
FDAGSGMATIR	58	11	45
FQGLDLNEELYLGGYPDYGAIPK	85	23	45
FSSGITGCVK	42	10	45
GMLEPVQRPDVVLVGAGYR 1Met(ox)	45	19	45
GMVFGIPDGVLELVPQR 1Met(ox)	34	17	45
GQTVTFTCVAIGVPTPIINWR	48	21	45
GSIQVDGEELVSGR	90	14	45
GSVYIGGAPDVATLTGGR	101	18	45
HLISTHFAPGDFQGQFALVNPQR	27	22	45
HQTHGSLLR	30	9	45
IPGDQVVSVFIK	66	13	45
IQVVVLSASDASPPPVK	41	17	45
LDVEFKPLAPDGVLLFSGGK	47	20	45
LGTVPQFPR	66	9	45
LLQVTPADSGEYVCR	31	15	45
LLSGPYFWSLPSR	53	13	45
LPAVEPTDQAQYLCR	60	15	45
LPQVSPADSGEYVCR	44	15	45
LVSEDPINDGEWHR	70	14	45
PGAPPPQPLDLQHR	71	14	45
RGSIQVDGEELVSGR	52	15	45
RPDGGPATR	33	9	45
SIEYSPQLEDAGSR	84	14	45
SLPEVPETIELEVR	58	14	45
SPAYTLVWTR	38	10	45
SPGPNVAVNAK	72	11	45

SPLPWQHR	30	8	45
SPVISIDPPSSTVQQGQDASFK	93	22	45
TSTASGLLLWQGVGEAGQGK	82	22	45
VGSSLPGR	43	8	45
VISSGSVASVVTSPQGFQFR	70	20	45
VTVTSEGR	57	9	45
VVPYFTQTPYSFLPLPTIK	48	19	45
YELGSGLAVLR	74	11	45
YQLGSGEAR	53	9	45
YTLSYTAGPQGSPLSDPDVQITGNNIMLVAS(59	40	45
VPAMDFYR	38	8	2
1Met(ox)			
YEVSPVALQR	57	10	2
DYPDEVLQFAR	49	11	3
LFLGGLDALYSLR	65	13	3
VIALQAGGSAEPEEVVLEELQVFK	46	24	3
TNINFSLQ GK	74	10	2
VSDSSNPFLNR	82	11	2
AALPYFPR	30	8	5
EVDYLETQNPALPCVEFDEK	54	20	5
FGGPAGLWTK	70	10	5
LDPQTLDEQQWDTPCPR	82	18	5
QLYAWDDGYQIVYK	65	14	5
AIGPSQTHIR	74	11	9
DQYYNIDVPSR	36	11	9
GFGGLTGQIVAALSTAK	112	17	9
GGSIQQYIYK	29	10	9
GLPNVVTSAISLPNIR	45	16	9
ITEVWGIPSPIDTVFTR	32	17	9
LVEVNP K	35	7	9
PALNYPVYGETTQVR	37	15	9
RPALNYPVYGETTQVR	38	16	9
DSDLFLLDTR	51	10	1
AQDAGVYQCLASNPVGTVVSR	112	21	26
AVVLWSK	37	7	26
DIGDTTIQLSWSR	76	13	26
EAAPSVAPSGLSGGGGAPGELIVNWTPMSR	41	30	26
ETIGDLTILNAQLR	90	14	26
EYQNGDGFYLLSFR	75	15	26
FAQLNLAAEDTR	82	12	26
FGFLQEFSK	53	9	26
GFDNHSPIAK	39	10	26
GPPGPPGGVVVR	55	12	26
HFVSQTTGNLYIAR	39	14	26
IIVQAQPEWLK	60	11	26
LFAPSIK	33	7	26
LSLED SGMYQCVAENK	91	16	26
NWIEIPVPEDIGHALVQIR	30	19	26
QGSTHWQTAR	44	10	26
RPPGNISWTFSSSSLSIK	38	18	26
TNPANIEGNAETAQVLGLTPWMDYEFR	47	27	26
TTGPGGDGIPAIEVHIVR	62	17	26
VEVLADLR	57	9	26
VIASNILGTGEPSPSSK	98	18	26
VISDTEADIGSNLR	113	14	26
VSGLHPNTK	45	9	26
VTVTPDGTLIIR	49	12	26

WLLNEFPNFIPTDGR	60	15	26
YTCMAQTVVDSASK	79	14	26
KDDPTLLSSGR	47	11	2
VIGIDHIK	41	8	2
AAAIQTMSLDAER	70	13	14
ATIVHQDQAYDDK	44	13	14
CISYSSER	33	9	14
CLPDQQPIPTETFQVADR	58	18	14
DCENYITLLER	79	11	14
GESELYTSDTVMQNPQFIK	62	19	14
GYAPFSPDENSLVLFEGDEVYSTIR	96	25	14
IRGESELYTSDTVMQNPQFIK	42	21	14
LQDVFLLPDPSPGQWR	48	15	14
MQASHGETFHVLYLTDDR	44	18	14
SVLQSINPAEPHK	39	13	14
TPLFHSK	37	7	14
VSLAPNSR	28	8	14
VYLFDFPEGK	64	10	14
AVPVAADQR	40	9	21
DRDGQPQVVR	39	10	21
ELPPHLGELTVAEETSSSLR	35	20	21
FDSFTVQYK	51	9	21
FLLYGLLGGK	35	10	21
FLLYGLSGR	56	9	21
GFESEPLTGFLTTPDGPTQLR	51	23	21
HGPLVAEAK	46	9	21
LGPISADSTTAPLEK	58	15	21
LGVLTVDTTPDSMR	43	15	21
LNWEAPPGAFDSFLLR	47	16	21
LQVVPVAANQR	51	11	21
LSWTVAQGPFDSEFVVQYR	36	18	21
LSWTVPEGQFDSFVVQFK	35	18	21
MHLYGLHEGR	31	10	21
MNLYGFHGGQR	41	11	21
SPVSVEAK	36	8	21
VGGESEVTVGGLEPGR	36	17	21
VGPISAVAITAGR	32	13	21
VGPVSAVGVTAPEEESPDAPLAK	76	23	21
YEVTVVSVR	32	9	21
ENNAVYAFLGLTAPPGSK	46	18	5
ENVPENSRPATGYPLPPQIFNESQYR	28	26	5
GDYDAFFEAR	53	10	5
QQDVLGFLEANK	45	12	5
VYIASSSGSTAIK	64	13	5
GSFALSFPVESDVAPIAR	54	18	5
LEAGINQLSFPLSSEPIQGSYR	95	22	5
MFIFAILPDGEVVGDSK	30	18	5
NELIPLIYLENPR	28	13	5
SLFTDLVAEK	41	10	5
DFADIPNLR	44	9	12
DRIEEIR	36	7	12
EKETVIIPNEK	62	11	12
ESAYLYAR	39	8	12
LDFTGNLIEDIEDGTFSK	94	18	12
LEGNPIVLGK	68	10	12
LPVLPPK	34	7	12

LSLLEELSLAENQLLK	112	16	12
LTLFNAK	27	7	12
RLDFTGNLIEDIEDGTFSK	89	19	12
RLPIGSYF	41	8	12
VIHLQFNNIASITDDTFCK	56	19	12
AEAAAPYTVLAQSAPR	73	16	8
AGPDLASCLDVDECR	90	15	8
DGGCSLPILR	28	10	8
GCQLCPPFGSEGFR	45	14	8
GGYTCVCPDGFLLDSSR	72	17	8
GSACEEDVDECAQEPPPCGPGR	96	22	8
GYLAPSGDLSLR	38	12	8
VSAPDGPCPTGFER	69	14	8
LLSQNPPSQIFQSLSGNSR	90	19	2
VLYDPFLPPLR	28	11	2
LAADDPEVR	42	9	1
IFVFLEHQTK	42	10	2
SFTILLSNTENQEK	68	14	2
DTANWLEINPDTGAISTR	81	18	2
GQVPENEANVVITTLK	29	16	2
AILQSGSFNAPWAVTSLYEAR	117	21	2
IFFPGVSEFGK	41	11	2
CPVPSFHVELCR	50	12	8
DLEEDPYLPGNPR	29	13	8
ELIAYSQYPR	52	10	8
LFPYLDPFDSASQLMEPGR 1Met(ox)	52	19	8
LYDFNSYWR	35	9	8
QSTEQAIQLEK	71	12	8
QSYFASVSYLDTQVGR	90	16	8
VSFLTGR	38	7	8
EQVMDTLVR	63	9	1
AQQEQELAADAFK	79	13	3
LWEEQLAAAK	46	10	3
SLEDQVEMLR	60	10	3
FLVGPDGIPIMR 1Met(ox)	48	12	7
LFWEPMK	35	7	7
MDILSYMR	52	8	7
NSCPPTSELLGTSDR	72	15	7
PGGGFVPNFQLFEK	46	14	7
QEPGENSEILPTLK	90	14	7
YVRPGGGFVPNFQLFEK	50	17	7
ETALLIDPK	39	9	8
FALEVAAK	33	8	8
LGLQNDLFSLAR	83	12	8
LSVEGFAVDK	60	10	8
VALSNMNVDR	73	11	8
VLGATLLPDLIQK	63	13	8
VTLSFPSTLQTGTGTLK	38	17	8
YAAVTQFEATDAR	62	13	8
ALASGGSALDAVESGCAMCER	123	21	5
FLPSYQAVEYMR 1Met(ox)	63	12	5
RGEDPTIACQK	52	11	5
TGHIAAGTSTNGIK	53	14	5
VGDSPIPGAGAYADDTAGAAAATGNGDILMF	87	31	5
NIIHGSDSVK	32	10	1
AGALNSNDAFVLK	75	13	48

AGKEPGLQIWR	58	11	48
AMAECAA 1Met(ox)	40	7	48
AQPVQVAEGSEPDGFWALGGK	96	22	48
ATEVPVSWESFNNGDCFILDGNNIHQWCG	32	35	48
AVEVLPK	43	7	48
DPDQTDGLGLSYLSSHIANVER	107	22	48
DSQEEKTEALTSK	80	15	48
EGGQTAPASTR	51	11	48
EPAHLMSLFGGK	31	12	48
EPAHLMSLFGGKPMIYK 1Met(ox)	34	18	48
EPGLQIWR	55	8	48
EVQGFESATFLGYFK	102	15	48
FDLVPVPTNLYGDDFTGDAYVILK	48	24	48
GASQAGAPQGR	68	11	48
GGVASGFK	45	8	48
GIRDNER	32	7	48
HVVPNEVVQR	73	11	48
IEGSNKVPVDPATYQQFYGGDSYIILYNYR	49	30	48
KGGVASGFK	76	9	48
KMDAHPPR	60	8	48
LFACSNK	36	7	48
LKATQVSK	39	8	48
MDAHPPR	41	7	48
NWRDPDQTDGLGLSYLSSHIANVER	75	25	48
PALPAGTEDAK	64	12	48
PALPAGTEDAKEDAANR	98	18	48
PALPAGTEDAKEDAANRK	62	19	48
PNSMVVEHPEFLK	73	13	48
QQQIYNWQGAQSTQDEVAASAILTAQLDEE	75	40	48
QTQVSVLPEGGETPLFK	81	17	48
RTPITVVK	29	8	48
RYIETDPANR	30	10	48
SEDCFILDHGK	68	11	48
SEDCFILDHGKDGK	59	14	48
TASDFITK	48	8	48
TEALTSK	30	8	48
TGAQELLR	77	8	48
TPITVVK	49	7	48
TPSAAYLWVG TGASEAEK	117	18	48
VEKFDLVPVPTNLYGDDFTGDAYVILK	41	27	48
VHVSEEGTEPEAMLQVLGPK	91	20	48
VHVSEEGTEPEAMLQVLGPKPALPAGTEDT/	55	32	48
VPEARPNMSMVVEHPEFLK	27	18	48
VPFDAATLHTSTAMAAQHGMDDDG TGQK	54	28	48
VPVDPATYQQFYGGDSYIILYNYR	79	24	48
VSNGAGTMSVSLVADENPFAQGALK	108	25	48
YIETDPANR	48	9	48
VSGSQIVDIDK	68	11	1
DHNCHNLPEGVADLTQIDVNVQDHFWDGK	27	29	4
DVFFGPK	32	7	4
GCEMICYCNFSELLCCPK	98	18	4
ISFVIPCNNQ	29	10	4
ALEGLQYPFAVTSYGK	65	16	12
EDLSPSITQR	35	10	12
ESHPLFPPTFGAVAPFLADLDTTDGLGK	37	29	12
GNLYWTDWNR	45	10	12

MVYWTDITEPSIGR	1Met(ox)	38	14	12
NIFWTDSNLDR		38	11	12
QAEVTFVGHGPNLVIK		29	16	12
QDLGSPEGIAVDHLGR		54	16	12
QELFPFGPGQGDLLEDGDDFVSPAELSG/		33	33	12
SNGAYNIFANDR		69	12	12
VIIGLAFDCVDK		44	12	12
VLFTDLVNPR		50	11	12
DGMWEAFQDGEK		46	12	4
FDAQAFVGELSQQFNIWDR		76	19	4
TESTLNALLQR		42	11	4
VAQLPLFVSDGK		35	12	4
SPTFAGGLFSISK		66	13	3
TVVVSPDIVTIDLNTFEFAK		88	20	3
TVYSVLHTTPAILLK		50	15	3
GSDPVTIFLR		56	10	3
VATLSTLLFK		59	10	3
VPGDVSLQLSTLEMDDR	1Met(ox)	54	17	3
AFGAPVPSVQWLDEDGTTVLQDER		105	24	8
AQLLVVGSPPVPR		78	14	8
DATQITQGPR		64	10	8
DLQELGSDKYFIEDGR		36	17	8
LVLSDLHLLTQSQVR		61	15	8
VKDATQITQGPR		90	12	8
VQAVNSQ GK		34	9	8
YGPGEPSPVSETVVTPEAAPEK		27	22	8
AVSEKEVDSGNDIYGNPIKR		28	20	14
CPMIPCYISSPDECLWMDWV	1Met(ox)	62	23	14
DIEFIYTAPSSAVCGVSLDVGGK		83	23	14
DIEFIYTAPSSAVCGVSLDVGGKK		68	24	14
EVDSGNDIYGNPIK		86	14	14
EVDSGNDIYGNPIKR		83	15	14
EYLIAGK		45	7	14
GAAPPKQEFLDIEDP		42	15	14
GPEKDIEFIYTAPSSAVCGVSLDVGGK		44	27	14
KEYLIAGK		56	8	14
MHITLCDFIVPWDTLSTTQK		50	20	14
NINGHQA K		28	8	14
QEFLDIEDP		49	9	14
SDGSCAWYR		62	9	14
FLLEYIAPMTEK		54	12	4
IFQNLDGALDEVVLK		64	15	4
LVAEWEGQSDSDQLFYTK		59	19	4
SEDYVDIVQGR		39	11	4
ELISNASDALDK		60	12	6
FAFQAEVNR		63	9	6
GVVDSDDLPLNVS R		88	14	6
IKEDEDDKTVL DLAVVLFETATLR		30	24	6
IYFMAGSSR		54	9	6
SILFVPTSAPR		41	11	6
CNPGTGQCVCPAGWVGEQCQHCGR		37	25	13
DLDMFINASK	1Met(ox)	57	10	13
IMQSSQMSK	1Met(ox)	44	10	13
IYMYGGK		31	7	13
KVEFVLK		41	7	13
LADDLYR		39	7	13

LTGSSGFVTDGPGNYK	109	16	13
LTLTPWVGLR	52	10	13
NHNALLASLTTQK	77	13	13
SCALDQNCQWEPR	77	13	13
YDVDTQMWTLK	95	12	13
YGHSLALYK	34	9	13
YYTAINFVATPDEQNR	33	16	13
APQTVELPAVAGHTLTAR	65	18	32
CESCLQGYFLLDGK	77	14	32
CGSGGPGSCPVPQECVPQDGAAGAGLCR	55	28	32
CMEGGLSGPR 1Met(ox)	36	10	32
FHVELAAPSPELYSLHCPDR	38	20	32
FLDTGVVQSDR	75	11	32
GAMYLLGGLTAGGVTR 1Met(ox)	83	16	32
GFIYPMLPGGPGPGAEDVAVWTR	70	24	32
GNSHICISR	35	9	32
GPDTENMEEVGR 1Met(ox)	73	12	32
GPESCSLGCAQATQCALCLR	120	20	32
HSECAGVGAR	39	10	32
KYSLDPEEIIENWVTEGPSEDEAVCVNCQNN	33	35	32
LDGGQLVWETLMDSR	45	15	32
LFHASALLGDTMVVLGGR	84	18	32
LFPLPGR	33	7	32
LGCGGSPCSPMPR	32	13	32
LLGDCQACLAFFSSPTAPPR	46	19	32
LSADTASR	42	8	32
LYISGGFGGVALGR	98	14	32
SASVGPPEESVAHAHA AVG 1Met(ox)	48	22	32
SDPDEFSSDVLLYQVNCNAWLLPDLTR	53	27	32
SFHAAAYVPAGR	35	12	32
SLIAAFCGQR	55	10	32
SSSCTSYSSCLGCLADQGCWCLTSATCHL	38	31	32
STTITLTPSAETDVSLVYR	108	19	32
TGVPPGGSEISFFLEPYR	59	18	32
TLQPGDGEASTPR	67	13	32
TWLLAPSQGAK	51	12	32
WCTNCEGACIGR	51	13	32
WTQMLAGAEDGGPGSPR	97	18	32
WVAHQEK	33	7	32
ATAVVDGAFK	58	10	5
EGGLGPLNIPLLADVTR	57	17	5
GLFIIDGK	30	8	5
IGKPAPDFK	27	9	5
KEGGLGPLNIPLLADVTR	33	18	5
FAYGYIEDLK	29	10	4
IEEQLTLEK	49	9	4
LGVQDLFNSSK	56	11	4
TYNFLPEFLVSTQK	35	14	4
ASISGGGLPAPYQAK	71	15	6
EQILAFSQK	32	9	6
FFFSGYDK	29	8	6
QSPINIVTTK	49	10	6
VWTVFR	35	7	6
YLGSLTTPTCDEK	46	13	6
EENFYVDETTVVK	41	13	7
GLASANVDFAFSLYK	91	15	7

GTWTQPFDLASTR	55	13	7
HLVALSPK	43	8	7
MNTVIAALSR	73	10	7
SETEIHQGFQHLHQLFAK	33	18	7
WSAGLTSSQVDLYIPK	79	16	7
GENSWFSTQVDTVATK	69	16	2
GQSEDPGSLLSLFR	46	14	2
DAVEDLESVGK	75	11	2
ENAGEDPGLAR	57	11	2
DGQLEVILDR	60	10	10
EAVVVDYGVR	70	10	10
FVVLFPLEQER	33	12	10
GAEVLYSLAAAHAR	64	14	10
GQKPELQMLTVSEELPFDNVDGGVWR	36	26	10
SQISVLQNR	47	9	10
TLQAEEDTLPSAETALILHR	53	20	10
TVIQLDSSPR	36	10	10
VIDSGTSDFALSNR	97	14	10
YMQVWFSGLTGLLK	37	14	10
AFQVWSDVTPLR	66	12	10
CGNPDVANYNFFPR	54	14	10
ELAVQYLNTFYGCPK	65	15	10
ESCNLFVLK	34	9	10
FFGLPQTGDLDQNTIETMR	90	19	10
FPFLFNGK	41	8	10
GEIFFFK	30	7	10
IIGYTPDLDPETVDDAFAR	85	19	10
QDIVFDGIAQIR	83	12	10
TDKELAVQYLNTFYGCPK	39	18	10
AGLAASLAGPHSIVGR	81	16	6
AVVVHAGEDDLGR	55	13	6
GGNQASVENGNAGR	73	14	6
LACCVGVCGPGLWER	87	16	6
VTEIWQEVMMQR	100	11	6
VTGVVLFR	45	8	6
ALGGDLASINNK	75	12	12
DSTFSAWTGLNDVNSEHTFLWTDGR	35	25	12
DYQYYFSK	32	8	12
GEDLFFNYGNR	45	11	12
GTFQWTIEEEVR	44	12	12
NFGDLVSIQSESEK	71	14	12
SQGPEIVEVEK	49	11	12
TGIAGGLWDVLK	73	12	12
TNFWIGLFR	46	9	12
WVSESQIMSVAFK	31	13	12
YFWTGLSDIQT	74	12	12
YTNWAADEPK	47	10	12
DFYVVEPLAFEGTPEQK	61	17	6
GLETFSQLVWK	50	11	6
GVQAQPLNVGFCEQEFEQT	42	19	6
GYVVWQEVFDNK	32	12	6
QLESFYIQTLLDIVSSYGK	51	19	6
YVLYPNNFQFQYDVSSAAQPGCSVLDEAFQI	40	31	6
SSTGPGEQLR	53	10	1
ALDLSLK	34	7	5
DYIFGNYIER	42	10	5

EHLVQATPENLQEAR	50	15	5
EVSFDVELPK	30	10	5
LWAYLTIEQLLEK	38	13	5
LVQTAELTK	36	9	1
NAFVFLQYDK	51	10	2
SFFEFLVLNK	48	10	2
NANTFISPQQR	61	11	1
EDTSPAVLGLAAR	73	13	10
ESYNVQLQLPAR	36	12	10
ETQYVDYDFPTDFPAIAPFLADIDTSHGR	44	29	10
FSNLYVGTNGIISTQDFPR	76	19	10
GEADDLKSEGPYFSLTSTEQSVK	32	23	10
HSGQFTDEYLPEQR	53	14	10
ILINTDIGLPNGLTDFPFSK	63	20	10
ITQTAEGLDPENYLSIK	48	17	10
LANPLHFYEAR	49	11	10
VLFYTDLVNPR	49	11	10
EGAMSAQLGYPVVGWHIANK	27	20	9
GVHYISVSATR	58	11	9
KVVENGALLSWK	37	12	9
LGCSLNQNSVPDIHGVEAPAR	88	21	9
LVPVVNNR	42	8	9
SFSEVELHNMK	52	11	9
TASPDPEGVVSSACAADEPVTVLTVILDADL1	74	33	9
VTIPTDLIASSGDIK	112	16	9
VVENGALLSWK	65	11	9
GITEPPFGIFVFNK	50	14	3
ILDVNDNIPVVENK	34	14	3
IVSLEPAYPPVFYLNK	32	16	3
DLDIFDR	32	7	2
LSVQGEVSTFTGK	32	13	2
DDFLIYDR	48	8	4
DMPASEDLQDLQK	42	13	4
LPTDSELAPR	71	10	4
QPPAWSIR	28	8	4
EALVPLVADHK	47	11	4
TTDVTQTFGIEK	83	12	4
VANYVDWINDR	69	11	4
VQLSPDLLATLPEPASPGR	92	19	4
APAVAEENPK	72	10	8
CPGCGQGVQAGCPGGCVEEEDGGSPAEGC	59	37	8
CPGCGQGVQAGCPGGCVEEEDGGSPAEGC	28	38	8
GAQTLYVPNCDHR	55	13	8
GPCWCVDR	49	8	8
HLDSVLQQLQTEVYR	112	15	8
RGPCWCVDR	29	9	8
SLPGSPDGNSSSCTGSSG	37	20	8
ALSMCPPSPLGCELVK 1Met(ox)	39	16	2
HMEASLQELK 1Met(ox)	28	10	2
AFPALTSLDLSDNPGLGER	111	19	14
ATVNPSAPR	48	9	14
ELTLEDLK	39	8	14
FPAIQNLALR	67	10	14
GLMAALCPHK	48	10	14
ITGTMPPLEATGLALSSLR 1Met(ox)	84	21	14
LKELTLEDLK	44	10	14

LTVGAAQVPAQLLVGALR	72	18	14
RVDADADPR	36	9	14
STLSVGVSGTLVLLQGAR	59	18	14
SWLAELQQWLK	50	11	14
SWLAELQQWLKPGLK	65	15	14
VLDLSCNR	47	8	14
VLSIAQAHSPAFCSEQVR	61	18	14
ENFAILTIDGDEASAVR	68	17	10
HELQHPIAR	42	10	10
LLNTPDGSPYTWVVGK	51	16	10
LNQDLFSVSFQFR	68	13	10
MSQIDISSGSLNDGQWHEVR	41	21	10
TWNPNGLLVFSHFADNLGNVEIDLTESK	31	28	10
VDNAPDQQNSHPDLAQEEIR	29	20	10
VQFNQIAPLK	46	10	10
YNTPGFTGCLSR	36	12	10
YSSSDWVTQYR	94	11	10
ADQVCINLR	59	9	17
CVNHYGGYLCLPK	53	13	17
DIDECDIVPDACK	72	13	17
EHIVDLEMLTVSSIGTFR	45	18	17
FSCMCPQGYQVVR	46	13	17
GEQCVDIDECTIPPYCHQR	35	19	17
GSFACQCPPGYQK	84	13	17
IPSNPSHR	54	8	17
IQCAAGYEQSEHNVCQDIDECTAGTHNCR	50	29	17
LNCEDIDECR	70	10	17
NPADPQR	31	7	17
NPCQDPYILTPENR	48	14	17
QTSPVSAMLVLVK	47	13	17
RNPADPQR	37	8	17
SGNENGEFYLR	57	11	17
SVPSDIFIQATTIYANTINTFR	92	23	17
TCQDINECETTNECR	114	15	17
DWEYIQDPR	40	9	4
SPVCMEFQYQATGGR	58	15	4
VFQANNDATEVVLNK	89	15	4
YDWLDIWDGIPHVGPLIGK	27	19	4
FNTFIHEDIWNIR	41	13	4
KMTLYHCK	27	8	4
QHVHPEETGGSDR	33	13	4
RVVIACEGNPQVPVHFDG	32	18	4
CALEDETYADGAETEVCNCR	88	20	5
LDSSEFLK	28	8	5
LSFQEFLK	47	8	5
SVSPSASPVVCYQSNR	75	16	5
YVQELQK	29	7	5
AGEQVTYTCATYYK	85	14	47
AQTTVTCMENGWSPTPR	89	17	47
AVYTCNEGYQLLGEINYR	93	18	47
CFEGFGIDGPAIAK	51	14	47
CTSTGWIPAPR	63	11	47
DGWSAQPTCIK	42	11	47
DTSCVNPPTVQNAYIVSR	62	18	47
ECDTDGWTNDIPICEVVK	69	18	47
EFDHNSNIR	52	9	47

EIMENYNIALR	66	11	47
EQVQSCGPPPELLNGNVK	72	18	47
EYHFGQAVR	42	9	47
FVCNSGYK	29	8	47
GDAVCTESGWRPLPSCEEK	65	19	47
GEWVALNPLR	51	10	47
HGGLYHENMR	71	10	47
IDVHLVPDR	51	9	47
IDVHLVPDRK	44	10	47
IEGDEEMHCSDDGFWK	45	17	47
IYKENER	42	8	47
IVSSAMEPDR	79	10	47
IVSSAMEPDREYHFGQAVR	53	19	47
KGEWVALNPLR	56	11	47
KGEWVALNPLRK	44	12	47
LGYYTADGETSGSITCGK	113	18	47
LSYTCEGGFR	34	10	47
NDFTWFK	31	7	47
NGQWSEPPK	38	9	47
NTEILTGSWSDQTYPEGTQAIYK	97	23	47
RPYFPVAVGK	41	10	47
SCDNPIYPNGDYSPLR	31	16	47
SIDVACHPGYALPK	62	14	47
SITCIHGVWTQLPQCVAIDK	43	20	47
SLGNVIMVCR	1Met(ox) 61	10	47
SPDVINGSPISQK	65	13	47
SPPEISHGVVAHMSDSYQYGI	1Met(ox) 28	26	47
SSIDIENGFISESQYTYALK	82	20	47
SSNLILEEHLK	71	12	47
SSQESYAHGTK	48	11	47
TDCLSLPSFENAIPMGKEK	1Met(ox) 28	18	47
TGDEITYQCR	67	10	47
TGESVEFVCK	67	10	47
TGESVEFVCKR	64	11	47
TKEEYGHSEVVEYYCNPR	53	18	47
TKNDFTWFK	37	9	47
VSVLCQENYLIQEGEEITCK	81	20	47
WSSPPQCEGLPCK	35	13	47
AHSDGGDGVVVSQVK	51	14	43
APPSQPPR	65	8	43
ATSVALTWSR	62	10	43
AVDLIPWMEYEFR	58	13	43
DAGIYYCLASNNGMVR	1Met(ox) 83	17	43
DETMSPSTAFQVK	58	13	43
DGEYVVEVR	67	9	43
ELTITWAPLSR	44	11	43
FIPLIPIPER	33	10	43
FVSQTNGNLYIANVEASDK	122	19	43
GDGPYSLVAVINSAQDAPSEAPTEVGK	81	28	43
GEPSIPSNR	49	9	43
GFGPIFEEQPINTIYPEESLEGK	80	23	43
GMVLLCDPPYHFPDDLSSYR	36	19	43
GPPGPPGGLR	28	10	43
HSIEVPIPR	43	9	43
IFNIQLEDEGIYECEAENIR	99	20	43
IKTDGAAPNVAPSDVGGGGGR	87	21	43

ILALAPTFEMNPMK	63	14	43
IVESYQIR	60	8	43
KAPPSQPPR	53	9	43
KVLEPMPSTAEISTSGAVLK	48	20	43
KVTVTNPDTGR	66	11	43
MNNGDVDLTSDR	94	12	43
NDGGIYTCFAENNR	85	14	43
NFMLDSNGELLIR	51	13	43
STEATLSFGYLDPPPEER	37	19	43
STEATLSFGYLDPPPEERPEVR	51	23	43
TDGAAPNVAPSDVGGGGGR	65	19	43
TDPPIIEGNMEAAR	60	14	43
TILSDDWK	44	8	43
TTKPYPADIVVQFK	56	14	43
VIIIECKPK	29	8	43
VLEPMPSTAEISTSGAVLK	100	19	43
VLYRPDGQHDGK	39	12	43
VQVTSQEYSAR	66	11	43
VTVTNPDTGR	52	10	43
VVATNTLGR	49	9	43
WLLNEFPVFITMDK	63	14	43
YGHGVSEEDKGFPIFEEQPINTIYPEESLEG	28	33	43
YSMVGGNLVINNPDK	82	15	43
YTCTAQTIVDNSSASADLVVR	100	21	43
YWAAHDKEEAANR	87	13	43
DFLQSLK	28	7	15
EDFLEQSEQLFGAK	35	14	15
EQQDSPGNKDFLQSLK	51	16	15
GDKLFGPDLK	29	10	15
GFPIKEDFLEQSEQLFGAK	74	19	15
GFPIKEDFLEQSEQLFGAKPVSLTGK	49	26	15
GISEQSLVVSGVQHQSTLELS	34	37	15
HQMDLVATLSQLGLQELFQAPDLR	57	24	15
LCQDLGPGAFR	43	11	15
LGNQEPGGQTALK	47	13	15
NKFDPSLTQR	33	10	15
NPNPSAPR	41	8	15
QEDDLANINQWVK	69	13	15
QLTSGPNQEQVSPLTLLK	67	18	15
WFLLEQPEIQVAHFPEK	28	17	15
IPGMVVDR	50	8	3
MSPINMLYFNDK	63	12	3
YPHTHLVQQANPR	53	13	3
LYLDPGLR	34	8	2
QVGYESQWLQLLR	53	13	2
DGLIPLEIR	29	9	6
FLHNPDAAGFVGICALSSTIQR	76	22	6
GGFVLLDGETFEVK	69	14	6
HEIVQTLCLK	46	10	6
HNVMISTEWAAPNVLR	51	16	6
LVLPSLISSR	64	10	6
AFLLTFR	32	7	3
EFPEVHLGQWYFIAGAAPTK	32	20	3
SLTSCLDK	37	9	3
LLDDNGNIAEELSILK	115	16	2
WNTDSVEEFLSEK	57	13	2

ADMDQFTASISETPVDVR	1Met(ox)	60	18	9
CLVGEFVSDVLLVPEK		78	16	9
EMIFNAER		29	8	9
EWEEAELQAK		46	10	9
GSGVGEQDGGGLIGAEK		124	17	9
HYQHVLAVDPEK		51	12	9
QQLVETHLAR		31	10	9
VPYVAQEIQEEIDELLQEQR		138	20	9
VSIDNWCR		50	8	9
AASQPGELKDWVFGK		63	15	13
EALVSVWLQCTAIR		50	15	13
EGGPNNHLLK		34	10	13
ELLVIELSDNPGVHEPGEPEFK		35	22	13
IHIMPSLNPDGFEK		35	14	13
LLIPGNYK		36	8	13
LQQEDGISFEYHR		87	13	13
LTASAPGYLAITK		66	13	13
NSLISYLEQIHR		63	12	13
SGSAHEYSSSPDDAIFQSLAR		108	21	13
SNAQGIDLNR		67	10	13
VAVPYSPAAGVDFELESFSEK		97	21	13
YIGNMHGNEAVGR		58	13	13
EELLLLQSTAEQLR		88	14	3
VAELEHGSSAYSPPDAFK		81	18	3
VAQLPLSLK		37	9	3
DGSGVGVFK		34	9	1
FVSISDLLVPK		30	11	4
SPYLYPLYGLGELPQGFAR		56	19	4
TDDYLDQPCYETINR		59	15	4
VPSTAEALASSLMGLFEK		30	19	4
SFTIWLSDK		43	9	3
VLNDGSVYTAR		85	11	3
VNLEECFR		44	8	3
LDFGNSQGK		59	9	3
NPSAAFFCVAR		40	11	3
VSEEIEDIIK		42	10	3
IENIDHLGFFIYR		42	13	3
LTAYLDLNLDK		46	11	3
NLLELLINIK		40	10	3
ADGESCSASMMYQEGK	1Met(ox)	38	16	21
AFLEVNEEGSEAAASTAVVIAGR		129	23	21
DDLYVSDAFHK		54	11	21
EQLQDMGLVDLFSPEK		90	16	21
EVPLNTIIFMGR		67	12	21
FATTFYQHLADSK		79	13	21
FDTISEK		32	7	21
FRIEDGFSLK		55	10	21
GDDITMVLILPKPEK	1Met(ox)	36	15	21
IEDGFSLK		40	8	21
ITDVIPSEAINELTVLVVNTIYFK		84	25	21
LPGIVAEGK		53	9	21
LQPLDFKENAEQSR		52	14	21
NDNDNIFLSPLSISTAFAMTK		91	21	21
RVAEGTQVLELPFK		27	14	21
RWELSK		29	7	21
SKLPGIVAEGK		41	11	21

SKLPGIVAEGRDDLYVSDAFHK	33	22	21
TSDQIHFFFAK	39	11	21
VAEGTQVLELPFK	74	13	21
VANPCVK	32	7	21
AAMVGMLANFLGFR	71	14	18
ADSQAQLLLSTVVGVFTAPGLHLK	96	24	18
ALQDQLVLVAAK	92	12	18
ANAGKPKDPTFIPAPIQAK	43	19	18
DPTFIPAPIQAK	69	12	18
FMQAVTGWK	62	9	18
LDAHKVLSALQAVQGLLVAQGR	60	22	18
LDTEDKLR	71	8	18
LQAILGVPWK	73	10	18
PKDPTFIPAPIQAK	79	14	18
QPFVQGLALYTPVVLPR	105	17	18
SLDFTELDVAEEK	98	13	18
SLDFTELDVAEEKIDR	47	16	18
TIHLTMPQLVLQGSYDLQDLLAQAEIPAILHTI	47	38	18
VANPLSTA	28	8	18
VEGLTFQQNSLNMWK	71	15	18
VGEVLNSIFFEELADER	125	17	18
VLSALQAVQGLLVAQGR	91	17	18
AACAQLNDFLQEYGTQGCQV	150	20	2
DDPDAPLQPVTPPLQLFEGR	52	19	2
IITDFPSLTR	29	10	2
SLEDVVIDIQSSLSK	55	15	2
ADNFLENTLPAQSTFTLAISAYALSLGDK	39	30	33
ALVEGVDQLFTDYQIK	58	16	33
ATLLDIYK	40	8	33
DINYVNPVIK	46	10	33
DSEITFIK	46	8	33
DSSVPNTGTAR	38	11	33
DVFLEMNIPYSVVR	39	14	33
ELSYYSLEDLNNK	72	13	33
ENSQYQPIK	28	9	33
ESYSGVTLDPR	46	11	33
FQNSAILTIQPK	66	12	33
GEQIQLK	40	7	33
GGSASTWLTAFALR	81	14	33
GIYGTISR	29	8	33
IDTALIK	39	7	33
IDTQDIEASHYR	74	12	33
IPLDLVPK	39	8	33
KIEEIAAK	36	8	33
LNLVATPLFLKPGIPYPIK	41	19	33
LQGTLPVEAR	47	10	33
LSMDIDVSYK	1Met(ox) 55	10	33
MVETTAYALLTSLNLK	1Met(ox) 60	16	33
NADYSYSVWK	52	10	33
QCTMFYSTSNIK	41	12	33
QLPGGQNPVSYVYLEVVSK	51	19	33
SDLGCGAGGGLNNANVFHLAGLTFLTANANAI	46	41	33
SIVSALKR	38	8	33
TSTSEEVCSFYLK	81	13	33
VFQFLEK	39	7	33
VLGQVVK	31	7	33

VSITSITVENVFK	67	14	33
YGGGFYSTQDTINAIEGLTEYSLLVK	64	26	33
YVEQNQNSICNSLLWLVENYQLDNGSFK	41	28	33
EPGLCTWQSLR	36	11	8
FVYTPAMESVCGYFHR	56	16	8
GFQALGDAADIR	66	12	8
HLACLPR	33	7	8
LQDGLLHITTCFVAPWNSLSLAQR	67	25	8
LQSGTHCLWTDQLLQGSEK	77	19	8
SEEFLLIAGK	49	9	8
TYTVGCEECTVFPCLSIPOK	67	20	8
AFCSFQIYAVPWQGTMTLSK	64	20	14
AFCSFQIYAVPWQGTMTLSKSTCQDA	50	26	14
ALDFAVGEYNK	75	11	14
ARKQIVAGVNYFLDVELGR	37	19	14
ASNDMYHSR	69	9	14
KAFCSFQIYAVPWQGTMTLSK 1Met(ox)	49	21	14
KAFCSFQIYAVPWQGTMTLSKSTCQDA	29	27	14
KQIVAGVNYFLDVELGR	133	17	14
LVGGPMDASVEEEGVRR	94	16	14
LVGGPMDASVEEEGVRR	45	17	14
QIVAGVNYFLDVELGR	106	16	14
RALDFAVGEYNK	48	12	14
TQPNLDNCPFHDPHLK	60	17	14
TQPNLDNCPFHDPHLKR	29	18	14
GLQYAAQEGLLALQSELLR	87	19	3
LAEGFPLPLLK	31	11	3
SPVTLLAAVMSLP EEHNK	44	18	3
AATGECTATVGK	45	12	6
ENFLFLTPDCK	55	11	6
FSVATQTCQITPAEGPVVTAQYDCLGCVHPI	44	43	6
LGQSLDCNAEVYVVPWEK	83	18	6
QVVAGLNFR	53	9	6
TVGSDTFYSFK	57	11	6
DFNLLQVSEPSEPCVR	47	16	2
VAQVDSLKDK	46	10	2
DAVQALQEAQGR	27	12	3
DFEAQAAAQAR	33	11	3
LAGLDAGLHQLHVR	34	14	3
IEEDSEVLMMIK 2Met(ox)	73	12	4
LAACVNLIQITSIEYWK	60	18	4
SVHPYEVAEVIALPVEQGNFPYLQWVR	32	27	4
TQSSLVPALTDVFR	55	14	4
VEVVLLHGK	37	9	1
TWASPVVTPGAR	27	12	1
ASVGQDSPEPR	53	11	8
DLWVNIDQMEK	45	11	8
DLWVNIDQMEKDK	43	13	8
EIPVLVTQISSTNHPVK	54	17	8
IHGILSNTHR	31	10	8
IYGPSDSASR	37	10	8
MLTATQYIAPLMANFDPSVSR	52	21	8
VGLSDAFVVHR	97	12	8
ESDVPLKTEEFVTK	51	15	4
GAEIEYAMAYSK	68	12	4
SYLYFTQFK	56	9	4

TAVAHRRPGAFK	40	11	4
DTQFSYAVFK	56	10	6
LQAQDAGIYECHTPSTDTR	51	19	6
LQGDVAVLK	49	9	6
LVAQLDTEGVGSLGPGYEGR	95	20	6
VLPDVLQVSAAPPGPR	86	16	6
VVAGEVQVQR	71	10	6
FWVVDGR	32	7	4
TFQTYWVLGVPK	53	12	4
TSTDQLQVLAAR	67	11	4
YAVGLDGGAPGQDCVWQG	51	18	4
DLQLVLPDYFPER	40	13	3
FNFLQAQFDK	37	10	3
SPSGGAAGPLLTPSQSLDGSR	53	21	3
EALPGSGQAR	38	10	2
FSVLLHGHIR	30	10	2
CDQAGVIIVGNLNSLSR	102	17	12
CELPCQDGTGYNCAER	77	17	12
CLPGWSGVHCDVCAEGR	45	18	12
CPLGFYGK	29	8	12
CPPGYTGAFCEDLCPGK	75	18	12
CPSGTGYGCR	60	11	12
CQDECPVGTGVLCAETCQCVNGGK	32	25	12
CTPGWTGLYCTQR	45	13	12
CYHVSGACLCEAGFAGER	75	18	12
DCALICQCQNGADCDHISGQCTCR	27	24	12
ICSPGFYGHR	33	10	12
NGASCSPDDGICECAPGFR	79	19	12
ALEQDLPVNIK	58	11	15
DGSTIAK	28	9	15
EWVAIESDSVQPVPR	106	15	15
FIIEGMEEAGSVALEELVEK 1Met(ox)	141	20	15
FRQELFR	32	7	15
GATDNKGPVLAWINAVSAFR	43	20	15
GTVCFYGHLDVQPADR	89	16	15
HLEDVFSK	47	8	15
MMAVAADTLQR	78	11	15
MVVSMTLGLHPWIANIDDTQYLAAG	36	25	15
SVVLIPLGAVDDGEHSQNEK	72	20	15
VASVDMGPQQLPDGGQSLPIf 1Met(ox)	33	33	15
VFQYIDLHQDEFVQTLK	103	17	15
WNYIEGTK	52	8	15
YPSLSIHGIEGAFDEPGTK	72	19	15
ALAAVLLQALDR	68	12	12
ASWGEFQAR	29	9	12
AYQGVAAPFPK	70	11	12
FGEGVSSPK	59	9	12
GLQEAAEER	46	9	12
LADLASDLLLQYLLQGGR	105	19	12
LLQQGLAQVEAGR	91	13	12
NSEPQDEGELFQGVDP	76	17	12
RPESALLGGSEAGER	44	15	12
THLGEALAPLSK	53	12	12
VGEEDEEAEEAEAEAEER	143	20	12
VNLESPGPER	63	10	12
DQNVFVAQK	74	9	5

LQPV LQPLSPSGVGGK	46	16	5
LVDFLSR	41	7	5
SLDEISQPAQELK	59	13	5
TLSGTPEESKR	43	11	5
SHYAAFSVGR	33	10	1
ADQLTEEQIAEFK	75	13	4
EAFSLFDKDGDTITTK	62	17	4
SLGQNPTEAELQDMINEVDAL 3Met(ox)	51	37	4
VFDKDGNGYISAAELR	90	16	4
AISQSGVALSPWVIQK	76	16	6
LGLLGDSVDIFK	58	12	6
NPLFWAK	35	7	6
TTFDVYTESWAQDPSQENK	74	19	6
TVVDFETDVLFLVPTEIALAQHR	32	23	6
VGPLGFLSTGDANLPGNVGLR	30	21	6
ATPEQYQILK	36	10	1
DIDPGAQFDLNK	57	12	9
EWLENIPK	36	8	9
ILILNNNLLR	74	10	9
KGFTSLQR	68	8	9
LGSEVLMSDLK	30	11	9
LSNVQELFLR	33	10	9
RLHINNKK	29	8	9
SLPVDVFAGVSLSK	86	14	9
WLYMDSNYLDTLSR	54	14	9
AEWLAVKDER	34	10	8
AQEENTWFSYLK	50	12	8
AVPWVILSDGDGTVEK	83	16	8
EWTTTTGDVVNENPEWVK	109	18	8
FIPNTDDQIIVALK	60	14	8
GSVDHENWVSNYNALR	86	16	8
LYVGGLGK	34	8	8
YEGIEFI	45	7	8
EEINALVQELGFYR	74	14	2
IPLSEMTR	37	8	2
LLQAPDTDLR	34	10	6
LSFSPNLDDYNPDIPWVR	40	18	6
LYDYNLGSITESSLWR	81	16	6
TILSYLYVCPTNK	46	13	6
VSENPTYSGIASK	70	14	6
WQLIQEGVVPNR	49	12	6
EGSCPQVNINFPQLGLCR	32	18	2
VSCVTPNF	30	8	2
CAGTVEVEIQR	80	11	13
EAEFGQGTGPIWLNEVK	75	17	13
FQGEWGTICDDGWDSYDAVACK	94	23	13
GPDTLWQCPSPWEK	66	15	13
HYCNHNEDAGVTCSDGSDLELR	43	22	13
LASPSEETWITCDNK	100	15	13
LEVFYNGAWGTVGK	60	14	13
LQEGPTSCSGR	65	11	13
LVDGVTECSGR	49	11	13
LVGGDIPCSGR	51	11	13
QLGCPTAVTAIGR	74	13	13
SSMSETTVGVVCR	63	13	13
WGTVCDDNFNIDHASVICR	27	19	13

SQGGEPTYNVAVGR	39	14	1
AAGTEGPFQEVDGVATTR	88	18	9
FEVIEFDDGAGSVLR	42	15	9
NVLELSNVVR	45	10	9
SDMGVGVFTPTIEAR	27	15	9
TGEQAPSSPPR	41	11	9
TQQGVPAQPADFQAEVESDTR	56	21	9
VLAFTAVGDGPPSPTIQVK	80	19	9
VLAVNSIGR	30	9	9
YSIGGLSPFSEYAFR	85	15	9
FSVLGSGLNR	53	10	1
IEFPILEDSSSELQK	81	15	8
ISVTQPDSIVGIVAVDK	40	17	8
NNVVITVTQR	32	10	8
NSLGGFASTQDTTVALK	41	17	8
SNLIQQWLSQQSDLGVISK	45	19	8
SSMAVHSLFK	46	10	8
TLTLPPLNSADEIYELR	42	19	8
TNIQVTVTGPSSPSPVK	69	17	8
SSHQLQALAGR	60	12	1
ADFPLSVVR	48	9	9
ALVTVDEVKDEK	60	13	9
EPSFTCASDGLTYYNR	69	16	9
GITLAVVTCR	48	10	9
LVTSCFR	27	7	9
PRPEITWEK	39	9	9
SDFVILGR	46	8	9
VSELTEEPDSGR	59	12	9
WAYNSQTGQCQSFVYGGCEGNGNMFESR	44	28	9
IQDEQTTYVFFDNK	65	14	2
IQGDLAGR	36	8	2
AIFATAVAQELLQR	59	14	3
DLIGVVPLAMEAEILNTAILTGK	34	23	3
KGDVLTFFPVSISR	41	13	3
AYGPLFLR	36	8	2
LLDLYASGER	51	10	2
IGPGDVLTIFYDGDDLTAR	69	18	3
NGDNVEAPPVYDSYEVEYLPYEGLLSSGK	65	29	3
RPAYGDVTVTSLHPGGSAR	31	19	3
ADSSPVK	27	7	8
ATLVCLISDFYPGAVTVAWK	77	20	8
FSGSNSGNTATLTISR	109	16	8
LTVLGQPK	35	8	8
PGQAPVLVVYDDSDRPSGIPER	62	22	8
TVAPTECS	37	8	8
YAASSYLSLTPEQWK	95	15	8
YAASSYLSLTPEQWKSHR	27	18	8
AAECPAGFVRPPLIIFSVDGFR	28	22	31
AGTFFWSVIPHER	52	14	31
CFELQEAGPPDCR	81	13	31
CVNVIFVGDHGMEDVTCDR	91	19	31
DIEHLTSLDFFR	57	12	31
GDCCTNYQVVCK	49	12	31
GESHWVDDDCEEIK	67	14	31
IEDIHLVER	63	10	31
IVGQLMDGLK	67	10	31

KPDQHFKPYLK	31	11	31
KPLDVYK	35	7	31
LDELNKR	32	7	31
LHYANNR	32	7	31
NGVNVISGPIDYDYDGLHDTEDK	40	24	31
NKLDELNKR	43	9	31
QMSYGFLFPPYLSSSPEAK	48	19	31
QYVEGSSIPVPTHYYSIITSCLDFTQPADK	33	30	31
RIEDIHLLVER	44	11	31
RLHYANNR	41	8	31
RVWNYFQR	33	8	31
SYPEILTLK	52	9	31
SYTSCCHDFDELCLK	73	15	31
TEFLSNYLTNVDDITLVPGLGR	87	23	31
TYLHTYESEI	42	10	31
VNSMQTVFVGYPGTFK	96	16	31
VSPSFSQNCLAYK	71	13	31
VWNYFQR	39	7	31
WVEELMK	29	7	31
WWGGQPLWITATK	77	13	31
YDAFLVTNMVPMYPAFK	65	17	31
YGPFGPEMTNPLR	41	13	31
AASTFNIR	45	8	11
ETGTPIWTSR	42	10	11
GSPGKEHPEER	40	11	11
IEFTSDQAR	48	9	11
IHVGEER	31	7	11
IHVGEER	37	8	11
LLLHDKDR	41	8	11
LYSSTPDLTIQFHSDPAGLIFGK	33	23	11
SALLYDSLQTESVPFEGLLSEGNTIR	59	26	11
SPTNTISVYFR	82	11	11
TTSHTELVR	29	9	11
APVLELEK	41	8	16
DFQWTDNTGLQFENWR	99	16	16
ELGGEVFFVGPARG	62	13	16
GIEDEQDLVPLEVTGVVFHYR	48	21	16
GTVLCGPPPAVENASLIGAR	75	20	16
HLQAAFEDGFDNCDAGWLSDR	39	21	16
LGSGSVQAALAEVALPCLFTLQPR	32	25	16
LSSAIIAAPR	83	10	16
LTLAGAR	30	7	16
QDLPILVAK	61	9	16
RLTLAGAR	31	8	16
RNPQELYDVYCFAR	31	14	16
SSLPGVR	32	7	16
VSLPSYPR	45	8	16
YALTFAEAEQACR	86	13	16
YPIQTPR	37	7	16
AEIENYVLTYS	58	11	10
GLCVDGECVCEEPYTGEDCR	125	20	10
ITFTPSSGIASEVTVPK	74	17	10
LILNYSR	40	8	10
LNPATEYEISLNSVR	78	15	10
SPPTSASVSTVIDGPTQILVR	56	21	10
TATSLDLEWDNSEAEVQEYK	87	20	10

TSYTLTDLEPGA EYIISVTAER	86	22	10
VGFGNVEDEFWLGLDNIHR	53	19	10
YEVSVSAVR	59	9	10
IVISQLNPYTLR	67	12	2
VFLCPGLLK	29	9	2
AGLLRPDYALLGHR	38	14	9
DGSPDVTADIGANTPDATK	92	20	9
EFTEAFLGCPAIHPR	31	15	9
EYGVVLAPDGGSTVAVEPLLAGLEAGLQGR	48	29	9
GSQTQSHPD LGTEGCWDQLSAPR	27	23	9
PSLSHLLSQYYGAGVAR	100	17	9
QNGAALTSASILAQQVWGTLVLLQR	49	25	9
TDCPGDALFDLLR	46	13	9
VINLPLDSMAAPWETGDTFPDVVAIAPDVR	51	30	9
DSYYMTSSQLSTPLQQWR	75	18	3
TPECPSHTQPLGVYLLTPAVQDLWLR	47	26	3
VPTGGVEEGLLER	71	13	3
FHLGEPEASTQFMTQNYQDS 1Met(ox)	42	27	7
FPGAVDGATYILVMVDPDAPS 1Met(ox)	92	22	7
HWLVTDIK	46	8	7
IQGQELSAYQAPSPPAHSGFHR	43	22	7
ITSWMEPIVK	47	10	7
VISLLPK	46	7	7
YQFFVYLQEGK	47	11	7
AAVYHHFISDGV R	62	13	123
ACEPGVDYVYK	72	11	123
ADIGCTPGSGK	47	11	123
ADIGCTPGSGKDYAGVFSDAGLTFTSSSGQC	62	35	123
AEDLVGK	43	7	123
AGDFLEANYMNLQR 1Met(ox)	84	14	123
AKDQLTCNK	42	9	123
AKDQLTCNKFDLK	59	13	123
APSTWLTAYVVK	83	12	123
ASHLGLAR	60	8	123
AVLYNYR	38	7	123
AYYENSPQQVFSTEFVK	77	18	123
CAEENCFIQK	58	10	123
DAPDHQELNLDVSLQLPSR	83	19	123
DDFVPPVVR	52	10	123
DICEEQVNSLPGSITK	85	16	123
DMALTAFLVLISLQEAK	50	16	123
DQLTCNKFDLK	62	11	123
DSCVGS LVK	49	10	123
DSITTWEILAVSMSDK	80	16	123
DSITTWEILAVSMSDKK	87	17	123
DTWVEHWPEEDECQDEENQK	63	20	123
DYAGVFSDAGLTFTSSSGQQT AQR	164	24	123
EALKLEEK	44	8	123
EDIPPADLSDQVPDTESETR	112	20	123
EGVQKEDIPPADLSDQVPDTESETR	45	25	123
ENEGFTVTAEGK	81	12	123
EPGQDLVVLPLSITTD FIPSFR	93	22	123
EVVADSVWVDVK	87	12	123
EYVLPSFEVIVEPTEK	87	16	123
FISLGEACK	49	9	123
FISLGEACKK	39	10	123

FVTVQATFGTQVVEK	102	15	123
FYHPEKEDGK	56	10	123
FYYIYNEK	34	8	123
GLEVTITAR	61	9	123
GQGTLSVVTMYHAK	83	14	123
GVFVLNK	41	7	123
GYTQQLAFR	67	9	123
HQQTVTIPPK	48	10	123
IEGDHGAR	50	8	123
IFTVNHK	35	7	123
IHWESASLLR	47	10	123
ILLQGTPVAQMTEDAVDAER	123	20	123
IPIEDGSGEVLSR	103	14	123
ISLPESLK	37	8	123
ISLPESLKR	52	9	123
IWDVVEK	38	7	123
KGYTQQLAFR	99	10	123
KHYLMWGLSSDFWGEKPNLSYIIGK	27	25	123
KLVLSEK	29	8	123
KQELSEAEQATR	75	12	123
KVEGTAFVIFGIQDGEQR	65	18	123
KVFLDCCNYITELR	93	14	123
KVFLDCCNYITELRR	27	15	123
KVLLDGVQNPR	82	11	123
LESEETMVLEAHDAQGDVPVTVTVHDFPGK	48	30	123
LKGPLLNK	35	8	123
LMNIFLK 1Met(ox)	50	7	123
LPYSVVR	49	7	123
LSINTHPSQKPLSITVR	70	17	123
LVAYYTLIGASGQR	100	14	123
LVLSEK	38	7	123
NEQVEIR	52	7	123
NNNEKDMALTAFLVLSLQEAK 1Met(ox)	27	21	123
NRWEDPGK	27	8	123
NTLIYLDK	51	9	123
NTMILEICTR 1Met(ox)	84	10	123
PGMPFDLMVFVTNPDGSPAYR	81	21	123
PNLSYIIGK	33	9	123
QCQDLGAFTESMVVFGCPN 1Met(ox)	81	19	123
QDSLSSQNQLGVLPLSWDIPELVNMGQWK	55	29	123
QELSEAEQATR	81	11	123
QGALELIK	49	8	123
QGALELIKK	62	9	123
QKPDGVFQEDAPVIHQEMIGGLR	62	23	123
QLANGVDR	56	8	123
QLYNVEATSYALLALLQLK	142	19	123
QLYNVEATSYALLALLQLKDFDFVPPVVR	42	29	123
QPSSAFAAFVK	46	11	123
QVPVPGQQMTLK 1Met(ox)	57	11	123
RAPSTWLTAYVVK	52	13	123
RPIEDGSGEVLSR	85	15	123
RQGALELIK	35	9	123
SDDKVTLEER	63	10	123
SEETKENEGFTVTAEGK	86	17	123
SEFPESWLWNVEDLK	69	15	123
SEFPESWLWNVEDLKEPPK	71	19	123

SGIPIVTSPYQIHFTK	60	16	123
SGQSEDRQPVPGQQMTLK	57	18	123
SGSDEVQVGQQR	84	12	123
SLKVVP EGIR	48	10	123
SNLDEDIIAEENIVSR	99	16	123
SSLSVPYVIVPLK	54	13	123
SVQLTEK	54	7	123
SVQLTEKR	42	8	123
SYTVAIAGYALAQMGR	60	16	123
TELRPGETLNVNFLLR	64	16	123
TFISPIK	38	7	123
TGLQEVEVK	70	9	123
TIYTPGSTVLYR	53	12	123
TKKQELSEAEQATR	90	14	123
TMQALPYSTVGNSNNYLHLSVLR	86	23	123
TVMVNIENTEGIPVK	73	15	123
VEGTAFVIFGIQDGEQR	113	17	123
VELLHNPAFCSLATTK	68	16	123
VFLDCCNYITELR	88	13	123
VFSLAVNLIADSQVLCGAVK	60	21	123
VHQYFNVELIQPGAVK	85	16	123
VLLDGVQNP	82	10	123
VPVAVQGEDTVQSLTQGDGVAK	114	22	123
VQLSNDFDEYIMAIEQTIK	132	19	123
VRVELLHNPAFCSLATTK	62	18	123
VSHSEDDCLAFK	80	12	123
VTIKPAPETEK	52	11	123
VVLVAVDK	53	8	123
VVLVAVDKGVFVLNK	47	15	123
VVLVSLQSGYLFQTDK	71	17	123
VVPEGIR	27	7	123
VYAYYNLEESCTR	89	13	123
YELDKAFSDR	47	10	123
YISKYELDK	45	9	123
YYTYLIMNK	58	9	123
AVILQGSNDVELVAEGNSR	57	19	7
EMATQLAFMR	34	10	7
GETGPSGPVGPAGAVGPR	69	18	7
GPAGPSGPAGK	31	11	7
GVGLGPGPMGLMGPR	32	15	7
NSIAYMDEETGNLK	77	14	7
SLNNQIETLLTPEGSR	65	16	7
ANRPFLVFIR	40	10	3
ATEDEGSEQKIPEATNR	68	17	3
IPEATNR	32	7	3
EWIQVDLGLLR	61	11	5
FVTAVGTQGAISK	55	13	5
LEIWDGFPDVGPHIGR	30	16	5
LNYPENGWTPGEDSYR	48	16	5
SFEGNNNYDTPELR	51	14	5
ASLINNAFQLVSIK	47	15	6
ILASTQFEPTAAR	67	13	6
NPVGYPLAWQFLR	33	13	6
TDVLILPEEVEWIK	45	14	6
TQEFQILTLIGR	72	13	6
YQFSLSSTEK	56	10	6

ETFNYYLETEADLGR	62	16	3
GLATFPATAAESAFSTLVEVAGTCVAHSEGE	33	37	3
KIDTIAADESFTQGDLGER	43	19	3
LPLQIEVSDTELSQIK	61	16	3
SILAVGVGNVR	53	11	3
WPVVVAEGEGQGGLIR	67	16	3
AGEVQEPELR	56	10	20
AREDIFMETLK	67	11	20
AYLEEECPATLR	64	12	20
CLAYDFYPGK	47	10	20
DYIEFNK	39	7	20
EDIFMETLK	33	9	20
EIPAWVPFDPAAQITK	47	16	20
HVEDVPAFQALGSLNDLQFFR	89	21	20
IDVHWTR	46	7	20
KSQPMGLWR	30	9	20
NILDRQDPPSVVVTSHQAPGEK	39	22	20
QDPPSVVVTSHQAPGEK	50	17	20
QDSQLQK	33	7	20
QKWEAEPVYVQR	45	12	20
QVEGMEDWK	50	9	20
QVEGMEDWKQDSQLQK	39	16	20
SSGAFWK	35	7	20
WEAEPVYVQR	63	10	20
YSLTYIYTGLSK	88	12	20
YYYDGKDYIEFNK	76	13	20
AEAIGYAYPTR	38	11	12
AIQYQQHFSR	74	10	12
ATIADLILSALER	69	13	12
EFQLTLQPGFWK	47	12	12
EKWAQEPLLQPLSLR	27	15	12
LEAAIQR	55	7	12
LPEINLDGMVGVR	76	13	12
RAEAIGYAYPTR	45	12	12
SDVCLVQLLGTGTDSSSEPCGLSDLCR	119	26	12
VLEEQLK	36	7	12
WAQEPLLQPLSLR	47	13	12
WLEAILSWQK	40	10	12
AVFVDLEPTVIDEVR	69	15	1
GLTVPIASIDIPSGWDVEK	44	19	2
LFGYEPTIYYPK	32	12	2
SLGEENFEVVK	44	11	1
VVLAPQDVVVAR	28	12	1
AYSPEFYFDTNPTR	78	15	3
ESENIQLGQDLK	50	12	3
GQLLEYILTDLR	87	12	3
ANSVFEDLSVTLR	105	13	9
DHSPDLYSLELAGLDEIGK	29	19	9
DHSPDLYSLELAGLDEIGKR	41	20	9
FADDMYSLYGGNAVVELVTV† 1Met(ox)	57	21	9
ILVDALQK	32	8	9
IPDVAALSMGFSVK 1Met(ox)	66	14	9
LFQENSVLSSLPLNSLSR	63	18	9
SFDTSLIR	47	8	9
SPGSVVFR	51	8	9
ACANPAAGSVILLENLR	50	17	10

AGGFLMK	42	7	10
GCITIIGGGDTATCCAK	100	17	10
IQLINNMLDK	37	10	10
ITLPVDFVTADKFDENAK	43	18	10
LGDVYVNDAFGTAHR	43	15	10
QIVWNGPVGVFWEAFAR	40	18	10
VLNNMEIGTSLFDEEGAK	87	18	10
VLPGVDALSNI	39	11	10
YSLEPVAVELK	42	11	10
DQVYTVNLNEMPK	78	13	7
LDFQLMLK	31	8	7
LSTLEYDGEEISGLAR	88	16	7
LYSATVADFLASDAVIYR	80	18	7
QTNVALFADGK	58	11	7
TPDSVWTAVPEDK	71	13	7
TSIDFPDETLSFIK	42	14	7
DQLVIPDGQEEEEQEAAGEGR	98	20	4
DTINLLDQR	47	9	4
EETNEIQVVNEEPQR	73	15	4
LQQDVLQFQK	32	10	4
AAPSAEFSVDR	62	11	9
AQWPAWQPLNVR	35	12	9
EGYTEFSLR	43	9	9
IIFYQDEGSLTK	33	12	9
LCGGGIQER	36	9	9
QQSDEVLTVIK	58	11	9
SEQLKEESEGEQFPGCR	74	17	9
SLAELGDCNEDLEQVEK	63	17	9
VEGDPDFYKPGTSYR	50	15	9
FYFENLLSK	28	9	2
ITEQLIEAINNGDFEAYTK	41	19	2
FYFENALSK	30	9	2
VTEQLIEAINNGDFEAYTK	92	19	2
ILPDTQPPEFALWEILNK	30	18	2
VTVTPIYTDGEGVSVSAPGK	45	20	2
DQAGEYECSAENDVSFPDVR	77	20	11
DYSLQIQNVDTVDDGPYTCSVQTQHTPR	41	28	11
KGDTAVLR	68	8	11
LFNGQQGIIIQNFSTR	73	16	11
PFENGQYLDIYGITR	89	15	11
SGTVTPGR	30	8	11
SSIIFAGGDK	69	10	11
TMQVHLTVQVPPK	55	13	11
VSISTLNK	36	8	11
VSISTLNKR	46	9	11
VVVNFAPTIQEIK	56	13	11
FPVVNTAYGR	38	10	3
GGGGPGGGAPGGPGLGLGSLGEER	61	24	3
GNYGLLDQIQALR	48	13	3
DDGGIIICEAQNQALPSGHSK	47	21	9
EGDTLVLTCAVTGNPR	67	16	9
EGDTLVLTCAVTGNPRPNQIR	28	21	9
EQAVEGGEVELSCLVPR	77	17	9
FQLEEFSPR	46	9	9
IHASQAVVR	39	9	9
LHQYDGSIVVIQNPAPR	81	16	9

QTQYVLDVQYSPTAR	83	15	9
VWSVASTVR	46	9	9
DAGPNGVASYELQAGPEAQELFGLQVAEDQ	70	33	6
GLFTISPETGEIQVK	52	15	6
NTGLITVQGPVDREDLSTLR	36	20	6
TGDIFTTETSIDR	58	13	6
VP EEQPPNTLIGSLAADYGFPDVGHLYK	27	28	6
YFLQTTTPLDYEK	48	13	6
DFQTAEVAYYSPTR	40	15	2
VPNLLSTSWTFPR	43	13	2
AESEDLVAEIANVVQK	45	17	27
AGIEVQEIK	67	9	27
ANILYAWAR	51	9	27
DCSGVSLHLTR	70	11	27
DGNYWVTDVALHQVFK	53	16	27
EEEEVLDQGDYFYSLLSK	79	17	27
EGPVLILGR	46	9	27
FITQWGEESGSSPLPGQFTVPHSLALVPLL	27	39	27
GDHVWDGNSFDSK	52	13	27
GNAILVR	48	7	27
GSGGLNLGNFFASR	72	14	27
HFDMPHDIVASEDGTVIYIGDA 1Met(ox)	30	28	27
IPLLQQPK	43	8	27
IPVDEEAFVIDFKPR	53	15	27
IVQFSPSGK	39	9	27
MPGVTPK	28	7	27
NGQWTLIGR	57	9	27
NLFYLPHGLSIDK	28	13	27
NNLVIFHR	41	8	27
NVFAISYIPGLLFAVNGK	66	18	27
NYPMHVFAYR	33	10	27
PVVPIDSSDFALDIR	55	15	27
REEEEVLDQGDYFYSLLSK	42	18	27
SMQPGSDQNHFCQPTDVAVDPGTGAIYVSD	36	36	27
TIPPEANIPIVK	29	13	27
VHTHHLGK	31	8	27
VVNSDISCHYK	67	11	27
GQLTFYAQPNWQK	42	14	13
LECFALGNPVPTIIWR	45	16	13
LQFAYLDNFK	63	10	13
LSAAADLIVR	57	10	13
SDAGSYTCIATNHFGTASSTGNLVVK	46	26	13
SELVITWETVPEELQNGR	46	18	13
SLSATDIEVFWASPLEK	44	17	13
TEEALPEVTPANVSGGGGSK	41	20	13
TFTATVVGLNPWVEYEFR	76	18	13
TPFSVGWQAVSTVPELIDGK	36	20	13
TVAANVIGIGEPSRPSEK	60	18	13
VGGQDSAGDLMIR	73	13	13
VLGPPTPLILR	38	11	13
CYTAVVPLVYGGGETK	62	15	3
IVLVDNK	37	7	3
SSEDPNEDIVER	65	12	3
ESTLHLVLR	42	9	3
IQDKEGIPPDQQR	65	13	3
TLSDYNIQK	45	9	3

AGLPFGLMR		59	9	9
CPGSDVIMVENANYGR		87	16	9
EEPVS LTFFPNPYQFISSVDYNPR		43	23	9
ELACEGYPIELR		54	12	9
LVVSQ LNPYTLR		70	12	9
SVYVDDDSEAAGNRVDYAFNTNANR		33	25	9
TDTLTEYASWEDYVAAR		56	17	9
TQCVV VAGSDAFDPDPCPGTYK		70	21	9
YLEVQYDCVPYK		42	12	9
FLVAPLTFSNR		30	11	2
TNDQLVAFLSR		64	11	2
ETSLQVDNLPR		33	11	2
VEITAVATQGR		74	11	2
AAHFVFR		36	7	18
AGEQDATIHLK		74	11	18
ASWTRPEK		28	8	18
AVGEEVWHSK		52	10	18
CVVTGEDGSESEATVNVK		128	18	18
DGEQIEQEEDDEKYIFSDDSSQLTIK		63	26	18
DIQVIVNVPPTIQAR		101	15	18
FFLCQVAGDAK		74	11	18
FIVLSNNYLQIR		81	12	18
GLGEISAASEFK		85	12	18
LAALNGK		35	7	18
LEGQMGEDGNSIK		96	13	18
LPSGSDHVMLK		70	11	18
NDEAEYICIAENK		77	13	18
QDDGGSPIR		46	9	18
QETLDGHMVVR		43	11	18
TQPVQGEPSAPK		49	12	18
YIFSDDSSQLTIK		83	13	18
ANLQSVPHASASRPR		42	15	6
EFLGENISNFLSLAGNTYQLTR		100	22	6
ILQADQEL		38	8	6
LNILNNNYK		33	9	6
VNEPSILEMSR		46	11	6
VTEPISAESGEQVER		92	15	6
FYFENLSR		56	9	3
GAILTTMLATR	1Met(ox)	60	11	3
ITQYLDAGGIPR		56	12	3
AVDAALKK		36	8	8
DIPTNSPELEETLTHITK		67	19	8
IASFSQNCDIYPGK		59	14	8
IGEIKEETTSHLR		71	13	8
KYFIDFVAR		40	9	8
VQVVAGK		39	7	8
YFIDFVAR		54	8	8
YNSQNQSNNQFVLYR		63	15	8
DTADGILTDVILK		49	13	2
IPLYSFSMVLVDK	1Met(ox)	32	13	2
ADGLAVIGVLMK		56	12	4
ESISVSSEQLAQFR		41	14	4
SLLSNVEGDNAVPMQHNNRPTQPLK		49	25	4
VLDALQAIK		68	9	4
AAEDYGVIK		56	9	15
ANKGPSYGMSR	1N-ac	38	11	15

DMAAVQR	33	7	15
EFTESQLQEGK	79	11	15
GASQAGMTGYGR	70	12	15
GDPNWFMK	30	8	15
GPSYGMSR	32	8	15
LGFQVWLK	56	8	15
LVEWIIQCGPDVGRPD	61	18	15
LVNSLYPDGSKPVK	56	14	15
NGVILSK	27	7	15
QMEQVAQFLK	39	10	15
TDMFQTVDLFEGK	53	13	15
TLMALGSLAVTK	83	12	15
VPENPPSMVFK	40	11	15
AVDHINSTIAPALISSGLSVVEQEK	34	25	11
DATNVGDEGGFAPNILENSEALELVK	73	26	11
DGKYDLDFK	38	9	11
DYPVVSIEDPFDQDDWAAWSK	69	21	11
IEEELGDEAR	71	10	11
LAMQEFMILPVGAESFR	30	17	11
LDNLMLELDGTENK	60	14	11
LGAEVYHTLK	81	10	11
SGETEDTFIADLVVGLCTGQIK	49	22	11
VNQIGSVTEAIQACK	86	15	11
YITGDQLGALYQDFVR	107	16	11
AQVTPEVQPGCR	58	12	19
DGAGGWSPLVSNK	49	13	19
EASLQVDQLTPK	54	12	19
EYLSVIIAK	35	9	19
FIPLEWNP	39	9	19
GEFNLMNLDYEISFGGIPAPGI 1Met(ox)	51	22	19
LFLINSGEAK	66	11	19
LISISGK	27	7	19
LPSDITAGVELNDGQWHSVLSAK	32	24	19
QDGTPLSWWVGR	69	12	19
QVHLSSGTEFSAVK	31	14	19
SLQLNGMTLDLEER	60	14	19
SLSPIKDIIISK	48	12	19
SPLGGFQGC	54	11	19
TMQSDGILLHR	61	11	19
TPSLLLFVSSFYK	76	13	19
TTASSGVFLENLGIADFIR	84	19	19
YQEPDVVNFDK	38	12	19
YQWLQIDLGER	33	11	19
FSSFEEAVK	30	9	4
LVEEIGWSYTGALNQK	87	16	4
QSPINIDEDLTQVNVNLK	81	18	4
QVFSSYT	35	9	4
EKLEATINELV	35	11	5
LEATINELV	37	9	5
TAFQEALDAAGDK	45	13	5
VGEFSGANK	47	9	5
VGEFSGANKEK	35	11	5
IEAELQDICNDVLELLDK	75	18	4
NLLSVAYK	37	8	4
QTTVSNSQQAYQEAFAEISK	104	19	4
TAFDEAIAELDTLNEESYK	81	19	4

GTVTGQVQGPEDK		84	13	3
IGVVGWVK		32	8	3
SVDYEVFGR		34	9	3
AGWNAYIDNLMADGTCQDAA 1N-ac		101	25	5
DSLLQDGEFSMDLR	1Met(ox)	48	14	5
DSPSVWAAVPGK		47	12	5
SSFYVNGLTGGQK		69	14	5
TFVNITPAEVGVLVGK		54	16	5
GGHAGATYIFGK		66	12	3
IDSAPGLGDFLQLHIEQK		60	19	3
LFQGQLSGLYYDGLK		74	15	3
AREENVATFR		64	10	21
CENVATLDPINFETPEAYISLPK		92	23	21
DGAVSLVINLGSGAFEIVPVNGK		53	25	21
DLFIDGR		30	7	21
EASILSYDGSMYMK	2Met(ox)	51	14	21
EENVATFR		40	8	21
FNDNAWHDVK		70	10	21
FSMDCAETAVLSNK		106	14	21
GLILDLK		39	7	21
GPETLYAGQK		39	10	21
LAVGFSTTVK		44	10	21
LMVNLGK		31	7	21
NGLILHTGK		48	9	21
NIIADPVTFK		41	10	21
PSALTLDGVQAMPQFK		34	16	21
QLAEMQNAAGVK	1Met(ox)	64	12	21
SDLSFQFK		50	8	21
SGGLILYTPANDRPSTR		34	18	21
SGTISVNSR		50	9	21
VLNMAAENNPNIK		55	13	21
YNRPVEEWLQEK		76	12	21
TGVITSPDFPNPYPK		51	15	1
ADTFLGIENLEYLQADYNLIK		65	21	7
ETNKQELCPMGTGSDFDVR		27	19	7
FASLTHLDIR		42	10	7
LPYIGVLEHIGR		42	12	7
LQNIEGGAFLGLSALK		111	16	7
QLHLNNNELK		28	10	7
VLILNDNLISFLPDNIFR		93	18	7
LTLEEAR		28	7	2
GAEIATTGQLYAAWDGGLDHCSPGWLADG		40	32	2
VEADIPGHGQEVLR		28	15	2
YLEFISECIIQVLQSK		53	16	2
LSEGVITISYK		36	10	1
AGALQLLLVGDK		113	12	2
VYDFLSTFITSQMR	1Met(ox)	56	14	2
ADLGALELWR		58	10	4
DPIYFTGLASEPGAR		67	15	4
FSTDEGQCWQTYTFTR		70	16	4
TEFGMAIGPENSGK		55	14	4
DLADELALVDVIEDK		76	15	8
DLADELALVDVIEDKLGK		47	17	8
DQLIYNLLK		40	9	8
LLIVSNPVDILTYVAWK		63	17	8
LVIITAGAR		55	9	8

QVVESAYEVIK	43	11	8
SADTLWGIQK	58	10	8
VTLTSEEEAR	55	10	8
ETWLFSR	37	7	2
SPTPDELPTCYPGDDWSGVSLR	88	22	2
AEAAQYSAAVAK	97	13	35
AGFSWIEVTFK	67	11	35
AISGGSIQIENGYFVHYFAPEGLTTPK	30	28	35
ANTVQEATFQMELPK	104	15	35
DQFNLIWFSTEATQWRPSLVPASAENVK	35	29	35
EKAEEAAQYSAAVAK	79	15	35
ETLFSVMPGLK	50	11	35
FAHTVVTSR	31	9	35
FKPTLSQQQK	30	10	35
FSSHVGGTLGQFYQEVWLGSPAASDDGRR	36	29	35
GPDVLTATVSGK	62	12	35
GSEMVVAGK	74	9	35
IHEDSDSALQLQDFYQEVANPLLTAVTFEYPS	36	44	35
ILDDLSPR	53	8	35
ITFELVYEEELLK	81	12	35
LALDNGGLAR	68	10	35
LGVYELLK	50	9	35
LPEGSVSLIILLTDGDPTVGETNPR	107	25	35
LWAYLTIQQLLEQTVSASDADQQALR	82	26	35
NGIDIYSLTVDSR	76	13	35
NMEQFQVSVSVAPNAK	83	16	35
NPLVWVHASPEHVVVTR	58	17	35
NVHSAGAAGSR	39	11	35
NVVFVIDK	61	8	35
PSLVPASAENVK	33	13	35
QGPVNLLSDPEQGVEVTGQYER	96	22	35
RLDYQEGPPGVEISCWSVEL	74	20	35
SFAAGIQALGGTNINDAMLMA 1Met(ox)	54	33	35
SIQNNVR	32	7	35
SPEQQETVLDGNLIIR	99	16	35
TGLLLSDPDK	44	11	35
VQGNDHSATR	79	10	35
VRPQQLVK	32	8	35
VTIGLLFWDGR	60	11	35
WKETLFSVMPGLK	28	13	35
GDMFLVANLGTK 1Met(ox)	71	12	6
LSSGLVTAALYGR	101	13	6
QEAEELMNQNLDIYEQQVMTAAQK	53	24	6
SHLIIAQVAK	54	10	6
TSIYPFLDFMPSPQVVR	73	17	6
VDLITFDTPFAGR	73	13	6
FFADLLDYIK	55	10	4
NVLIVEDIIDTGK	63	13	4
TMQTLLSLVR	54	10	4
VIGGDDLSTLTGK	51	13	4
DLAHEATK	30	8	25
EETGFSTYNPQVIIR	61	15	25
EIAEDELVAEALLK	80	15	25
FIDFLAIEMR	52	10	25
GSYNNIVVNVK	58	11	25
HMAAPLIGQLTR	50	12	25

IGPVTYSIDGCVR		41	13	25
IIADADATVK		43	10	25
IQDMSGWYLTDLPGR		61	15	25
ISEISMEVAEQGR	1Met(ox)	35	13	25
IYFGGLPTLR		34	10	25
LADEINSIIDYVEDIQT		92	18	25
LIQLAEGNLNTLVTEMNELLTR		55	22	25
LTIELEVR		38	8	25
SGFFNLQEDNWK		48	12	25
SLGLICDGCPVGYTGPR		58	17	25
TAVADNLLFYLGSAK		72	15	25
TFSSALLMYLATR	1Met(ox)	32	14	25
TNAVVKDPSK		38	10	25
TPYNILSSPDYVGVT		41	16	25
TYKPEIK		57	7	25
VAPQQDDLDSPQQISISNAEAR		51	22	25
VEYPDLTIDDSYWYR		44	15	25
VSFLWDVGSVGR		67	13	25
VTADGEQTGQDAER		81	14	25
EVQPVELPNCNLVK		35	14	9
GIETGSEDMEILPNGLAFISSGLK		64	24	9
IFFYDSENPPASEVLR		93	16	9
ILLMDLNEEDPTVLELGITGSK	1Met(ox)	99	22	9
IQNILTEEPK		68	10	9
LLIGTVFHK		63	9	9
STVELFK		35	7	9
VVAEGFDFANGINISPDGK		62	19	9
YVYIAELLAHK		36	11	9
ADDLGKGGNEESTK		61	14	9
DGVADVSIEDSVISLSGDHCIIGR		68	24	9
GDGPVQGIINFEQK		51	14	9
HGGPKDEER		57	9	9
HVGDLGNVTADK		90	12	9
HVGDLGNVTADKDGADVSIEDSVISLSGDH		88	36	9
KHGGPKDEER		57	10	9
LACGVIGIAQ		46	10	9
TLVVHEK		29	7	9
GNLCVNLMR		44	9	3
IAFSATR		55	7	3
LEQGENVFLQATDK		90	14	3
DSFDIIK		28	7	5
DSFDIIKR		46	8	5
EFTRPEEIIFLR		41	12	5
LEMNYVGGVVS		76	14	5
YMDGMTVGVR		79	11	5
AGAHLQGGAK		41	10	11
GALQNIIPASTGAAK		40	15	11
IISNASCTTNCLAPLAK		85	17	11
LISWYDNEFGYSNR		62	14	11
LTGMAFR		28	7	11
LIVINGNPITIFQER		81	14	11
VGVNGFGR		36	8	11
VIHDNFGIVEGLMTTVHAITATQK		41	24	11
VPTANVSVVDLTCR		106	14	11
VVDLMAHMASKE	2Met(ox)	44	12	11
WGDAGAEYVVESTGVFTTME	1Met(ox)	73	21	11

APPSVFAEVPQAQPVLVFK		102	19	20
ARLEALK		30	7	20
EPESILQVLSQMEK		70	14	20
FLFPFFDSAYQGFASGNLER		99	20	20
IANDNSLNHEYLPILGLAEFR		38	21	20
IGADFLAR		59	8	20
INVSGLTTK		46	9	20
ITWSNPPAQGAR		53	12	20
IVASTLSNPelfEewTGNVK		79	20	20
LALGDDSPALK		58	11	20
NFGLYNER		36	8	20
NLDYVATSIHEAVTK		72	15	20
NTPVYVSSPTWENHNAVFSAGFK		93	24	20
QVEYLVNEK		44	9	20
RVGGVQSLGGTGALR		59	15	20
TDDCHPWVLPVVK		29	13	20
TPGTWNHITDQIGMFSFTGLNPK		38	23	20
VGGVQSLGGTGALR		48	14	20
VGNLTVVGK		72	9	20
VNLGVGAYR		45	9	20
FDLNDVYVYWQTSESK		37	16	2
GLYDVVSVLR		71	10	2
FIIPQIVK		29	8	15
GEMMDLQHGSFLQTPK	1Met(ox)	33	17	15
GLTSVINQK		49	9	15
GMYGIENEVFLSLPCILNAR	1Met(ox)	36	20	15
GYTNWAIGLSVADLIESMLK	1Met(ox)	122	20	15
ITVVGVGQVGMACAISILGK		55	20	15
IVADKDYSVTANSK		89	14	15
IVVVTAGVR		75	9	15
LIAPVAEEEEATVPNNK		55	16	15
LKDDEVAQLK		66	10	15
LKDDEVAQLKK		69	11	15
MVVESAYEVIK		67	11	15
SADTLWDIQK		71	10	15
SLADELALVDVLEDK		88	15	15
VIGSGCNLDSAR		74	12	15
ACGLVASNLNLKPGECLR		70	18	7
DGGAWGTEQR		39	10	7
DSNNLCLHFNPR		52	12	7
LNLEAINYMAADGDFK		107	16	7
LPDGYEFK		31	8	7
SFVLNLGK		31	8	7
VRGEVAPDAK		43	10	7
FYPEDVSEELIQDITQR		44	17	3
IGFPWSEIR		58	9	3
LFFLQVK		28	7	3
APVAGTCYQAEWDDYVPK		86	18	12
CDEPILSNR		52	9	12
GNDISSGTVLSDYVGSGPPK		122	20	12
LYEQLSGK		53	8	12
LYTLVLTPDAPSR		75	14	12
LYTLVLTPDAPSRK		37	15	12
NRPTSISWDGLDSGK		65	15	12
VLTPTQVK		30	8	12
WSGPLSLQEVDEQPQHPLHVTYAGAAVDEL		42	32	12

YREWHHFLVVNMK	49	13	12
YVWLVEQDR	31	10	12
YVWLVEQDRPLK	57	13	12
DPNTPLLQGIADYRPK	44	16	5
LGQHLLPWMDR	38	11	5
LSSLQAGTKEDLYLHSLK	40	18	5
TYIDLIFPDCLAPR	42	14	5
WFLEDEKR	33	8	5
IGPITPLEFYR	51	11	1
ALVGDEVELPCR	46	12	3
DHSYQEEAAMELK	44	13	3
FSDEGGFTCFFR	61	12	3
FFQMVGLK	36	8	5
IGVDEFSTLVAES	59	13	5
SGFIEEDELGFILK	71	14	5
SMTDLLNAEDIKK	36	13	5
VFHMLDKDK	35	9	5
AFLASPEYVNLPIGNGK	86	18	8
ALPGQLKPFETLLSQNQGGK	33	20	8
ASCLYGQLPK	50	10	8
DQQEAALVDMVNDGVEDLR	133	19	8
FQDGDLTLYQSNTILR	113	16	8
MLLADQGQSWK	51	11	8
PPYTVVYFPVR	61	11	8
YISLIYTNYEAGKDDYVK	67	18	8
AANAYGISDPSQISDPVK	75	18	14
ARPPFFNEFQGADSEIK	27	16	14
DGSPLDDKDER	37	11	14
ESEVAELTVLER	54	12	14
FSVSQTGDLTITNVQR	85	16	14
GLKPNAIYFLVR	43	13	14
IVEHPSDLIVSK	47	12	14
NSVVIPDLR	30	9	14
NSVVIPDLRK	46	10	14
RPSNLAVTVDDSAEFK	51	16	14
SRPDEGVYVCVAR	41	13	14
TLEEAPSAPPQGVTVSK	59	17	14
TVDGSTFSVVIPFLVPGIR	43	19	14
YSVEVAASTGAGSGVK	77	16	14
ALGVNAML	40	9	5
QDGDQFYIK	43	9	5
SLATWENENK	36	10	5
SSENFDELLK	34	10	5
VAVAAASKPHVEIR	32	14	5
DALVDFSEQYTPEADPYFIQDR	80	22	2
EAQPGQSQVSYQGLPVQK	60	18	2
AALLDQYR	48	9	10
ICCQFDFK	31	8	10
IEQLEQLLEENHEIISHIK	41	19	10
LYNLPGVEGLSLDISSLVDIR	93	21	10
PSFFSISPQDCQFALGGR	63	18	10
SNVLLVPLGDDFR	39	13	10
TGVEPGARPPGFPVLSGDDFFSYADR	41	25	10
WWDNINVQK	34	9	10
YDKPQEWDAQFFNYQR	35	16	10
YPLSDFTLLTEAR	88	13	10

AGLGHPAAFGR	1N-ac	56	11	7
DENATLDGGDVLFTGR		73	16	7
GAEILADTFK		63	10	7
GHVLLHR		35	7	7
LTVPDDIAANCIYLNIPNK		62	19	7
SFCSMAGPNLIAIGSSESAQK		41	21	7
VDGLLTCCSVLINK		60	14	7
AFELYDQDNGYIDENELDALLK		114	23	4
ELQNLIQELQQAR		65	13	4
LAEYTDLMLK		49	10	4
LLPVQENFLK		34	11	4
ALSGNVIWAESHIEIYGGATK		47	22	12
FQLTFPLR		44	8	12
IETALTSQHQR		85	11	12
KLTPGEVYNLATCSTK		66	16	12
LENLEQYSR		57	9	12
LPFVINDGK		52	9	12
LTPGEVYNLATCSTK		84	15	12
SSVLQLR		51	7	12
TPAAETLSQLGQTLQSLK		126	18	12
TRLENLEQYSR		56	11	12
VKIETALTSQHQR		75	13	12
WTFEACR		39	7	12
ELEAVCQDVLSLLDNYLIK		69	19	3
NVTELNEPLSNEER		73	14	3
TAFDDAIAELDTLNEDSYK		52	19	3
CDENILWLDYK		52	11	16
DPVQEAWAEDVDLR		78	14	16
EAEAAMFHR		45	9	16
FGVEQDVMVFASFIR	1Met(ox)	54	16	16
GADFLVTEVENGGSLGSK		91	18	16
GDLGIEIPA EK		49	11	16
GDYPLEAVR		41	9	16
GIFPVLCKDPVQEAWAEDVDLR		35	22	16
GVNLPGAAVDLPVASEK		71	17	16
IENHEGVR		33	8	16
IYVDDGLISLQVK		84	13	16
LDIDSPPIAR		69	11	16
LFEELVR		43	7	16
NTGICTIGPASR		62	13	16
RFDEILEASDGIMVAR		40	16	16
TATESFASDPILYRPVAVALDTK		33	23	16
GADQAELEEEIAFDSSLVFIPAEFR		29	24	7
IEEGVPQFLVLISGK		29	16	7
ISLSPEYVFSVSTFR		61	15	7
LLPSFVSSENAFYLSPIR		64	19	7
LNLLLDYELAEQLDNIAEK		125	20	7
QINVGNAL EYVSR		68	13	7
VGVVQFSNDVFPEFYLK		73	17	7
ALSSEWKPEIR		51	11	9
DISWFSPNGEK		30	11	9
DKDISWFSPNGEK		64	13	9
EASMEGIVTIVGLKPETTYAVF	1Met(ox)	31	22	9
EGEDAVIVCDVVSSLPPTIIWK		78	22	9
KTDEGTYR		38	8	9
KVDKNDEAEYICIAENK		34	17	9

NAPTPQEFR	29	9	9
VSSLTLK	29	7	9
APEVSQYIQVYDSILK	33	17	4
DIPNENELQFQIK	30	13	4
LQNNNVYTIK	43	11	4
QVFLATWK	37	8	4
ENSLFDPLSSSSSNK	41	16	2
QQQDYWLIDVR	32	11	2
EVSQFTPVAFPIAK	29	14	2
VEESGVSISWNPPNGPAAR	42	19	2
APSSQNWLTVNNGK	76	14	37
CGILSSGNNLFFNEDGLR	55	18	37
CIQGNVCDEQWGGLYCDDPETS LPTQLK	45	29	37
CSGSVSQPSVFFPTK	37	15	37
DKTHNALSSR	36	10	37
DLTLKPGYVLQFK	35	13	37
EDNWWFFYPGGNIGLYCPYSSK	66	21	37
EHITLDTLSYSSYK	55	14	37
ELDFMSFLEPQIISIDLPQDAK 1Met(ox)	49	22	37
FLQFTLR	40	7	37
FLQYWGR	28	7	37
FSYSDPSIIVLYAK	63	14	37
FVYLELPAAAK	71	11	37
GAEVSFGCGVLASGK	69	15	37
GENVQFQWK	54	9	37
HDGLDQNDWAIDNVLISGSADQR	33	23	37
IISVELPGDAK	63	11	37
ITGAQVGTGCGTLNDGK	95	17	37
ITIPLPNAALTR	49	12	37
ITVYLPLSTISPR	44	13	37
ITYPLPESLVGNPVR	37	15	37
KQNYMMNFSR	35	10	37
LSSYHNFYSIR	29	11	37
NPDFLKDDFEGQLESDR	31	17	37
QAATKPLDLTR	39	11	37
QAVTQDLDLR	79	10	37
QLITSFLDSSQSR	89	13	37
QTGPILGNMW AIDNVYIGPSC LK	39	23	37
QVVLEDSDPVD TGNW LFFPGATVK	84	25	37
RVIVLLPQK	30	9	37
SGTSLIFK	45	8	37
TSGITCIKPR	29	10	37
VIVLLPQK	53	8	37
VPSLVSVVINPELQTPATK	94	19	37
VSYNVPLEAR	45	10	37
WWQPFVISNGIVVSGVER	53	18	37
YIALEIPLK	35	9	37
AGVQVWL GANGK	34	12	44
AISGLTIDGHAVGAK	83	15	44
ALASYVAACQAAGV VIEDWR	86	20	44
APGWDPLCWDECR	55	13	44
CSVQNGLLGCYPDR	85	14	44
EEFLTAFLQNYQLAYS K	72	17	44
EYPGQVLVDDVLQYLPFQAADGQVQVFR	35	28	44
FAVLQENVAWGNGR	60	14	44
FLLSQGVCIPVQDCGCTHNGR	27	21	44

FQDQVCGLCGNYNGDPADDFLTPDGALAPC	38	39	44
GATTSPGVYELSSR	74	14	44
GCGEGCGPQGCPVCLAEETAPYESNEACG	35	32	44
GEVGFVLVDNQR	70	12	44
GGGQAANALAFGNSWQEETRPGCGATEPG	35	33	44
GNPAVSYVR	46	9	44
GVWVNGLR	36	8	44
ISVAQGASK	53	9	44
LASVSVSR	37	8	44
LDDGDYLCEDGCQNNCPACTPGQAQHYEG	48	31	44
LDSLVAQQLQSK	67	12	44
LLISLSESPASVSILSQADNTSK	96	24	44
LPVSLSEGR	58	9	44
LPVVLANGQIR	46	11	44
LTYNHGGITGSR	50	12	44
NAAGHLQR	37	8	44
NECGILADPK	27	10	44
NEVTYDPYLVLPDVAAYCPAYVVK	31	25	44
NPQGPFCATCQAVLSPSEYFR	72	20	44
PAGWQVGGAAQCGECVSK	80	18	44
PFLEQCVYDLCVVGGER	71	17	44
SLAAYTAACQAAGVAVKPWR	58	20	44
SPANCPLSCPANSR	78	14	44
SRLPVSLSEGR	37	11	44
TCQGSCAALSGLTGCTTR	109	18	44
TPDGSLLVR	49	9	44
VAVIVSNDHAGK	72	12	44
VAYDLVYYVR	72	10	44
VLVENEHR	52	8	44
VNGVLTALPVSVADGR	82	16	44
VPSSYAEALCGLCGNFNGDPADDLALR	89	27	44
VSYYGLVTVR	73	10	44
VTLQPYNVAQLQSSVDLSGSK	118	21	44
VVAEVQICHGK	37	11	44
YDLAFVVASQATK	73	13	44
EGDDIEMPCAFR	35	12	3
ELLHELALSVPGAR	52	14	3
LQDEGVYECR	47	10	3
DRETVLSSAL	33	10	3
SSHLVFINTR	33	10	3
WLDGTSPDYK	38	10	3
DYGGYLSTYILPAK	59	14	5
IYFLSTEDLPR	76	11	5
MFDLETNEHVK	52	11	5
VSALEEQQFLIIHPTADEK	27	19	5
VTVEDLFSEDFK	73	12	5
VPLALFALNR	46	10	1
ALLSYDGLNQR	65	11	4
DGVMFQIDQATK	54	12	4
FFDIQLGIK	45	9	4
LFEYILLYK	49	9	4
CFETVYDGYSK	55	11	2
CPAMVAYCMTTR	47	12	2
IFNSFVYTEK	58	10	2
ISVLTVADTVR	59	11	2
CGLQELGPGLFR	47	12	5

GLAALQYLYLQDNALQALPDDTFR	63	24	5
IDAAFTGLALLEQLDLSDNAQLR	54	24	5
SVDPAFTHGLGR	44	12	5
VAHVHPHAFR	37	10	5
ATLITFLCDR	48	10	3
WYTSYACPEEPLECVVTDPTSTLEQYDLSSLA	29	32	3
YVDQVLQLVYK	27	11	3
EDQLPSGFPNIDMGPQLK	53	18	10
GGQFLTPLGSPEDMDLEELIQDISR	60	25	10
HNVDSSLTTVGSLLEDETYTVR	59	23	10
NVLELTDVK	27	9	10
SPQGLGAFTPVVR	63	13	10
TGEQAPASAPR	96	11	10
TSVLLSWEFPDYNNSPTPYK	58	20	10
VLAFTSVGDGPLSDPIQVK	76	19	10
WEPPAGTAEDQVLGYR	43	16	10
YSIGGLSPNSEYEIWVSAVNSIGQGPPSESV'	52	34	10
TDVVTVNPSIITER	47	14	1
PTLSALPSPLVTSGK	27	15	3
SPMDTFLLIK	33	10	3
SVTLLCQSR	47	9	3
DVHEGQPLLNVK	35	12	13
DWVIPPINLPENSR	44	14	13
ESAEVEEIVFPR	51	12	13
FLEAGIYEVPIIITDSGNPPK	73	21	13
FLIYAQDK	29	8	13
FLIYAQDKETQEK	55	13	13
IDPVNGQITTIIVLDR	56	16	13
LNGDFAQLNLK	48	11	13
LSLKPTLTEESVK	42	13	13
SFPLSSEHAK	28	10	13
TGFPEDVYSAVLSK	79	14	13
VQYESSEPADFK	54	12	13
VQYESSEPADFKVDEDEGMVY 1Met(ox)	32	23	13
DTCLGDSGGAFVIFDDLSQR	89	20	3
NAEPGLFPWQALIVVEDTSR	29	20	3
TLSDVLQYVK	52	10	3
ELQDLALQGAK	55	11	5
GLSAEPGWQAK	54	11	5
SGEATDGARPQALPEPMQESK	43	21	5
SGELEQEEER	80	10	5
YPGPQAEGDSEGLSQGLVDR	95	20	5
KKDEGLYECR	55	10	4
VNANSHAR	53	8	4
VQGNDISHK	31	9	4
VTDANYGELQEHK	77	13	4
ASLTLTLLR	58	9	6
GAVLTATVLAR	40	11	6
NVAVTVEYGPR	62	11	6
SDGGAVLALGLLGPVTR	44	17	6
SGELGAVIEGLLR	87	13	6
TFSLSPDAPR	46	10	6
IMGITLVSK	37	9	2
LLGLSLAGK	60	9	2
AICDHVR	30	7	12
DLDVAILVGSMPR	50	13	12

DVIATDKEDVAFK	56	13	12
ELTEEKESAFEFLSSA	47	16	12
ESAFEFLSSA	38	10	12
EVGVYEALKDDSWLK	55	15	12
FVEGLPINDFSR	47	12	12
GEFVTTVQQR	63	10	12
KLSSAMSAAK	47	10	12
LGVTANDVK	50	9	12
VIVVGNPANTNCLTASK	92	17	12
VLVTGAAGQIAYSLLYSIGNGSVFGK	41	26	12
ANTFVAELK	37	9	4
IFGVTTLDIVR	51	11	4
SQETECTYFSTPLLLGK	49	17	4
VAVLGASGGIGQPLSLLLK	62	19	4
AIIDGVESVSR	73	11	8
EENDIQTGSALLPLSPESK	39	19	8
FAVLYQQLDGEDQTK	96	15	8
FPLEMQIYCFDADR	45	14	8
TSLENTFIHNTGK	78	13	8
TVEINLTNDYR	42	11	8
VSGGVSEMVFK	92	11	8
VTSVSSDSQTGMDR	72	14	8
GDPGEAGPQGDQGR	54	14	10
GDPGFEGER	56	9	10
GLEQLLVGGSHLK	58	13	10
GTYTDCAIKK	38	10	10
GVFHQTVSR	42	9	10
IALVITDGR	77	9	10
LKPYGALVDK	33	10	10
LLLFSDGNSQGATPAAIEK	108	19	10
TDPAHDVR	34	8	10
VPSYQALLR	58	9	10
ADEGIQPDPPYYGLK	31	14	2
ILSVAVNDEGSR	40	12	2
ASSIIDELFQDR	87	12	21
ASSIIDELFQDRFFTR	42	16	21
EILSVDCSTNNPSQAK	87	16	21
EIQNAVNGVK	39	10	21
ELDESLQVAER	80	11	21
EPQDTHYHLPFSLPHR	51	16	21
FMETVAEK	47	8	21
IDSLLENDR	66	9	21
KTLLSNLEEAK	70	11	21
KTLLSNLEEAKK	87	12	21
KYNELLK	58	7	21
LANLTQGEDQYYLR	84	14	21
LFDSDPITVTVPEVSR	114	17	21
QQTHMLDVMQDHFSR	43	15	21
RELDESLQVAER	80	12	21
RPHFFFPK	39	8	21
SGSGLVGR	66	8	21
TLLSNLEEAK	74	10	21
TLLSNLEEAKK	44	11	21
VTTVASHTSDSDVPSGVTEVVVK	94	23	21
YVNKEIQNAVNGVK	59	14	21
FDGGVEAIATR	68	11	2

SSSGLTYIAEWK	28	12	2
DFTCVHQALK	51	10	18
FPVFMGR	37	7	18
FQPTLLTLPR	59	10	18
GVTSVSQIFHSPDLAIR	81	17	18
HRLEDMEQALSPSVFK	51	16	18
IKVTTSQDMLSIMEK	70	15	18
KVETNMAFSPFSIASLLTQVLL 1Met(ox)	32	29	18
KYPVAHFIDQTLK	54	13	18
LEDMEQALSPSVFK 1Met(ox)	90	14	18
LLDSLPSDTR	64	10	18
LVLLNAIYLSAK	90	12	18
LYHAFSAMK	53	9	18
TLYSSSPR	33	8	18
TNLESILSYPK	94	11	18
VETNMAFSPFSIASLLTQVLLC 1Met(ox)	76	28	18
VPMMNSK 2Met(ox)	31	7	18
VTTSQDMLSIMEK	91	13	18
YPVAHFIDQTLK	53	12	18
ACDGINDCGDQSDDELCK	127	18	17
ADSPMDDFFQCVNGK	43	15	17
AQLGDLPWQVAIK	71	13	17
EANVACLDLGFQQGADTQR	110	19	17
EMECAGTYDGSIDACK	97	16	17
GLETSLAECTFTK	77	13	17
HGNTDSEGIVEVK	79	13	17
IIFHENYNAGTYQNDIALIEMK	54	22	17
IVIEYVDR	58	8	17
KYTHLSCDK	31	9	17
PFISQYNV	42	8	17
RAQLGDLPWQVAIK	29	14	17
TMGYQDFADVVCYTQK 1Met(ox)	87	16	17
VANYFDWISYHVGR	56	14	17
VFSLQWGEVK	61	10	17
VTYTSQEDLVEK	70	12	17
YQIWTTVVDWIHPDLK	46	16	17
EANNYEEDPNKPTSWTENQAGK	46	22	15
EKETLITIMK	47	10	15
ELSAERPLNEQIAEAEEDK	69	19	15
FQDDPDGLHQLDGTPLTAEDIVHK	44	24	15
GENDETVSNTLTLTNGLER	94	19	15
GILDKEEAEAIKR	69	13	15
GKTEAYLEAIRK	35	12	15
LLNLGLITESQAHTLEDEVAEVLQK	75	25	15
LNVEDVDSTK	44	10	15
TEAYLEAIR	49	9	15
TEAYLEAIRK	33	10	15
TLIDFVK	34	7	15
TYSEDNFEELQYFPNFYALLK	66	21	15
VTPMAAIQDGLAK	45	13	15
YGTISPEEGVSYLENLDEMIAL 1Met(ox)	66	25	15
QGFSYQCPQGQVIVAVR	48	17	2
YFESVLDR	37	8	2
ALLEAPLK	41	8	6
EICPAGHGYTYASSDIR	72	17	6
EQDAPVAGLQPVER	64	14	6

IYFCQIPCLNGGR	41	13	6
QSTFTLPLSNQLASVNPSLVK	77	21	6
STPLGQQQPAPR	86	12	6
ELTIQMDQQLR	40	11	2
LALHLNLGDSK	29	11	2
AAISGENAGLVR	96	12	22
ADVQAHGEGQEFSITCLVDEEEMK	30	24	22
ADVQAHGEGQEFSITCLVDEEEMKK	30	25	22
DKVTAWK	30	7	22
ELAAQTIKK	31	9	22
EVAFDLEIPK	56	10	22
FAHYVVT SQVVNTANEAR	120	18	22
GFSLDEATNLNGGLLR	98	16	22
GHMLNHVER	53	10	22
GSLVQASEANLQAAQDFVR	117	19	22
IADNKQSSFK	40	10	22
ILGDMQPGDYFDLVLFGR 1Met(ox)	70	19	22
IYEDHDATQQLQGFYSQVAK	40	20	22
LDAQASFLPK	71	10	22
LWAYLTIQELLAK	96	13	22
NHMQYEIVIK	43	10	22
QAVDTAVDGVFIR	87	13	22
QYYEGSEIVVAGR	80	13	22
TAFISDFAVTADGNAFIGDIK	99	21	22
TMEQFTIHLTVNPQSK 1Met(ox)	44	16	22
VTFQLTYEEVLK	59	12	22
VTYDVSR	28	7	22
TPFSVGWQTVTTVPEVIDGK	63	20	2
VLLNWEQVK	39	9	2
AQWANPFDPSK	48	11	6
FSISATYDLGATLLK	81	15	6
GTEAAAVPEVELSDQPENTFLHPHIIQIDR	34	29	6
GWVDLFVPK	54	9	6
NALALFVLPK	59	10	6
SILFLGK	29	7	6
EYYFAEAQIADFSDPAFISK	110	20	14
FAFNLYR	39	7	14
GGETAQSDPQWEQLNNK	95	18	14
GNFLAANDQELDCDILQLEYV 1Met(ox)	49	33	14
GPLDQLEK	39	8	14
IAIDLFK	36	7	14
LNILNAK	45	7	14
NYNLVESLK	44	9	14
QFPILLDFK	48	9	14
SVNDLYIQK	30	9	14
TLEAQLTPR	43	9	14
TNNHIMK	29	7	14
TSCLLFMGR	50	9	14
YEITTIHNLFR	44	11	14
AGYIIPLQGPGLTTTESR	47	18	3
GAYTQVIFLAR	30	11	3
VTSEGAGLQLQK	43	12	3
LLCGLLAER	46	9	3
PMFIVNTNVPR	77	11	3
VYINYDMNAANVGWNNSTFA	62	21	3
DILQSCQTSEECALAR	91	16	3

DPVASSLSPYFGTK	65	14	3
LASLFPALFSR	45	11	3
NEDIIDPVEDR	51	11	1
TFTVSSTLDFR	45	11	3
TSGSKPAADIR	28	11	3
VDQNDNTSLQWSNPAQQTLYFDDKK	29	25	3
GFGPPATNQFTTK	57	13	1
DVDECSLKPSICGTAVCK	36	18	16
FRLPEISR	32	8	16
FSAEFDJR	49	8	16
GGKIEVQLK	39	9	16
HCLVTVEK	32	8	16
IETISHEDLQR	65	11	16
IQALSLCSDQQSHLEFR	51	17	16
ITTGGDVINNGLWNMVSVEEL 1Met(ox)	29	28	16
KVESELKPINPR	92	13	16
NNLELSTPLK	57	10	16
QLAVLDK	27	7	16
QSTNAYPDLR	68	10	16
SCEVVSVCLPLNLDTK	97	16	16
SFQTGLFTAAR	79	11	16
SQDILLSVENTVIYR	103	15	16
VYFAGFPR	35	8	16
IPGIFELGISSQSDR	40	15	6
KPYNVESYTPQTQ GK	73	15	6
LLCNGDNDCGDQSDEANCR	136	19	6
SGFSFGFK	63	8	6
VEPLYELVTATDFAYSSTVR	88	20	6
VKVEPLYELVTATDFAYSSTVR	33	22	6
DQPFTILYR	36	9	4
GPYSNPYSTPYSGPYAAAPPLSAPNYPTISI	46	32	4
IYVSQYPF	42	8	4
QSGQCLDIDECR	51	12	4
DTVNLYTSSGCLCPPLNVNEE 1Met(ox)	27	32	3
LLLVEGSIAEK	57	11	3
NNYNYVIR	45	8	3
AEQCAEFDGAEFQGR	29	15	2
LSCSDDTAPESQAAWQK	47	17	2
EYGGLDVLVNNAGIAFK	93	17	3
GIGLAIVR	43	8	3
VVNVSSIMSVR	32	11	3
AAGLLSTYR	52	9	5
AFLSSHLQDLSTIVR	77	15	5
GGVLFAITDAFQK	54	13	5
LVDNYCEAWR	64	10	5
TADTAVTGLASPLSTGK	87	17	5
DLELLIQTATR	67	11	3
LVTLEEFLASTQR	65	13	3
YLQEVIDVLETGDHFR	31	16	3
GQDHCGIESEVVAGIPR	61	17	5
LCGTFLGGPKPPQR	53	14	5
NGPVEGAFSVYSDFLLYK	82	18	5
SGVYQHVTGEMMGHAIK	63	18	5
VMFTEDLK	39	8	5
LESLPAHLPR	78	10	3
SDTAYQWNLK	62	10	3

SLEVLNLSSNK	83	11	3
AGNSQGDFYIR	48	11	2
EQPSSIVHR	31	9	2
AASNIIFSNGNLDPWAGGGIR	66	21	2
DLFLQGAYDTVR	64	12	2
DYFIATCK	49	8	22
ESEQGVYTCTAQGIWK	57	16	22
FCGQLGSPLGNPPGK	65	15	22
GGGALLGDR	46	9	22
IQYYCHEPYK	43	11	22
LFGEVTSPLFPK	69	12	22
LFGEVTSPLFPKPYPNNFETTTVITVPTGYR	53	31	22
LGNHPIR	39	7	22
LPVANPQACENWLR	80	14	22
LVFQQFDLEPSEGCFYDYVK	84	20	22
MDVFSQNMFCAGHPSLK	52	17	22
MGNFPWQVFTNIHGR	67	15	22
PVNPVEQR	55	8	22
PYPNNFETTTVITVPTGYR	105	19	22
QDACQGDSGGVFAVR	135	15	22
QRPPDLDTSSNAVDLLFFTDESGDSR	70	26	22
TLDEFTIIQNLPQYQFR	83	18	22
VLNYVDWIK	50	9	22
VLNYVDWIKK	41	10	22
VSVHPDYR	44	8	22
WILTAHTLYPK	57	12	22
YTTTGMGVNTYK	50	11	22
DKLTEQLR	28	9	2
MALFAGGK 1Met(ox)	28	8	2
AITPPHPASQANIIFDITEGNLR	38	23	2
SAATLQKEK	55	9	2
AAQAQQQSCEYSMLMGYQCC 1Met(ox)	72	24	27
CCHCCLLGR	35	9	27
CENTLGSYLCSCSVGFR	47	17	27
CLAFECPENYR	36	11	27
CVDVDECAPPAEPCGK	79	16	27
DCSLPYATESK	51	11	27
DIDECESGIHNCLPDFICQNTLGSFR	42	26	27
DLLLTVK	39	7	27
DSSCGTGYELTEDNSCK	92	17	27
GYHLNEEGTR	49	10	27
GYQLSDVDGVTCEIDICALPTGGHICSYR	80	30	27
HGTVSSFVAK	65	10	27
IIVEEEEQEDPYLNDR	102	16	27
ITYYHLSFPTNIQAPAVVFR	88	20	27
KVSPHSGVVALTK	42	13	27
KVSPHSGVVALTKPVPEPR	77	19	27
LGESCINTVGSFR	89	13	27
LPCHENR	46	7	27
MCVDVNECQR	69	10	27
MGPSSAVPGDSMQLAITGGN 1Met(ox)	44	28	27
MVQECCCHSQLEELHCATGISLANEQDR	41	28	27
RGYQLSDVDGVTCEIDICALPTGGHICSYR	43	31	27
SQETGDLDVGGLQETDK	130	17	27
SQETGDLDVGGLQETDKIIVEEEEQEDPYLNI	68	33	27
TGYYFDGISR	77	10	27

VSPHSGVVALTK	29	12	27
VSPHSGVVALTKPVPEPR	81	18	27
AASGTQNNVLR	76	11	33
ACGACPLWGK	39	10	33
CFSGQCISK	32	9	33
DGFVQDEGTMFPVGK	73	15	33
DSCTLPASAEK	36	11	33
ELENALK	31	7	33
ELSHLPSLYDYSAYR	47	15	33
EQTMSECEAGALR	84	13	33
GCPTTEGCGER	41	11	33
GGGAGFISGLSYLELDNPAGNK	105	22	33
GQSISVTSIRPCAAETQ	60	17	33
ILPLTVCK	31	8	33
KVFSGDGK	31	8	33
KVFSGDGKDFYR	98	12	33
LIDQYGTHYLQSGSLGGEYR	71	20	33
LKQNDFNSVEEK	74	12	33
LSGNVLSYTFQVK	80	13	33
LTPLYELVK	27	9	33
MHVLHCQGR	33	9	33
MPYECGPSLDVCAQDER	81	17	33
NVVYTCNEGYSLIGNPVAR	84	19	33
QNDFNSVEEKK	50	11	33
SLVCNGDSDCDEDSADEDR	128	19	33
SLVCNGDSDCDEDSADEDRCEDSER	44	25	33
SRECNNPPPSGGGR	47	14	33
SSGWHFVVK	42	9	33
SVAVYGQYGGQPCVGNAFETQSCEPTR	79	27	33
SYTSHTNEIHK	53	11	33
VFSGDGKDFYR	36	11	33
VLFYVDSEK	47	9	33
VTVSCSGGMSLEGPSAFLCGSSLK	82	24	33
WLVGEMHCQK	45	10	33
YSAWAESVTNLPQVIK	53	16	33
AEDEENEKETAVSTEDDSHHK	43	21	18
EEDIDENLLF	29	10	18
GHQLQLDYFGACK	73	13	18
HSASDDYFIPSQAFLEAER	75	19	18
KGHQLQLDYFGACK	30	14	18
LSENTDFLAPGVSSFTDSNQQESITK	51	26	18
LSENTDFLAPGVSSFTDSNQQESITKR	40	27	18
MQEDEFDQGNQEEDNSNAI	61	31	18
NHGVDDDDGDDGDDGGTDGPR	57	21	18
NILMQLYEANSEHAGYLNEK	72	20	18
NYHMYVPVHWQFSELDQHF	33	23	18
QEEDNTQSDDILEESDQPTQVSK	69	23	18
SIPTCTDFEVIQFPLR	42	16	18
SSSQELGLK	53	9	18
TVSEALLMEPTDDGNTTPR	102	19	18
VHAVDSCMSFQCK	65	13	18
VHENENIGTTEPGEHQEAK	88	19	18
VLTHSELAPLR	58	11	18
GQVEQANQELQELIQSVK	104	18	6
LQEGQTLEFLVASVPK	62	16	6
LVTPGETPSWTGSGFVR	57	17	6

QLDALLEALK	43	10	6
SLADVDAILAR	68	11	6
YSEIEPSTEGEVIYR	61	15	6
APLQGTLLGYR	68	11	3
LAYQQQDTPEVLMDIGLR	77	18	3
TATITVLPQQPR	40	12	3
APSFWYK	33	7	12
CYLITVTPVYADGPGSPESIK	46	21	12
DASTWSQIPPEDTASTR	49	17	12
DNMLWVEWTTPR	31	12	12
IDPSHTQGYR	45	10	12
ILDYEVTLTR	75	10	12
LTWTNPSIK	34	9	12
NEAVLEWDQLPVDVQNGFIR	75	20	12
SSFTVQDLKPFTEYVFR	30	17	12
TVQLVWK	32	7	12
YILEWCVLSDK	38	11	12
YLATLTVR	50	8	12
ALSIGFETCR	43	10	2
YGFIEGHVVIPR	32	12	2
LLAPAALAFR	53	10	2
NFVQLCLSAEPSEAPR	91	16	2
GAHLASADELRR	36	12	2
LVSISVGR	53	8	2
ALSLAPLAGAGLELQLER	67	18	2
SYSESSSTSSSESLSNSSAPR	134	20	2
CYPHPGSELPLQALVMGEGTCEK	37	23	12
EKVTEQHR	35	8	12
EPGCGCCSVCAR	44	12	12
GDPECHLFYNEQQEAR	66	16	12
GECWCVPNPNTGK	61	12	12
HGLYNLK	40	7	12
HHLGLEEPK	45	9	12
HHLGLEEPKK	59	10	12
LAACGPPPVAPPAVAVAAGGAR	62	23	12
LEGEACGVYTPR	80	12	12
LIQGAPTIR	46	9	12
TPCQQELDQVLER	103	13	12
GIMGEDTYPYQ GK	58	13	3
MALNQFSDMSFAEIK	79	15	3
NMCGLAACASYPIPLV	42	16	3
DRDLEVDTTLK	61	11	12
FTYSVTVDGCTSHTGAWGK	97	19	12
GEAGPQGPR	41	9	12
GFSGLDGAK	39	9	12
GPAGPQGPR	36	9	12
NCPGAEVPEGECCPVC PDGSESPTDQETT	42	35	12
NSVAYMDQQTG NLKK	72	15	12
SGEYWIDPNQGCNLDAIK	74	18	12
SLSQQIENIR	83	10	12
STGGISVPGPMGPSGPR	30	17	12
VFCNMETGETCVYPTQPSVAQK	67	22	12
VLCDDVICDETK	67	12	12
ADPEEELSLTFALR	55	14	5
AYPDVAALSDGYWVVS NR	58	18	5
LSELVQAVSDPSSPQY GK	72	18	5

VPIPVWSGTSASTPVFGGILSLINEHR	36	27	5
YLTLENVADLVR	65	12	5
AFDITYVR	27	8	13
DGSEASLEWSSER	76	13	13
DTLQEANDILNNLK	83	14	13
EAQQALGSAAADATEAK	100	17	13
HKQEADDIVR	27	10	13
LNTFGDEVFNDPK	63	13	13
LQELESLIANLGTGDEMVTDQAFEDR	30	26	13
LSAEDLVLEGAGLR	80	14	13
NTIEETGNLAEQAR	113	14	13
PSAYNFDNSPVLQEWVTATDIR	41	22	13
SAGYLDDVTLASAR	73	14	13
TFAEVTDLNEVNNMLK	91	17	13
VSVPLIAQGNSYPSETTVK	48	19	13
EDQTSPAPGLR	44	11	3
GPWCYVSGEAGVPEK	90	15	3
SEAAAVQPVIGISQR	74	15	3
AHYGGFTVQNEANK	79	14	10
DNDGWLTSDPR	50	11	10
DNENVVNEYSSELEK	70	15	10
EDGGGWYWR	37	10	10
HQLYIDETVNSNIPTNLR	71	18	10
MGPTELLIEMEDWK	48	14	10
NSVDELNNNVEAVSQTSSSSFQYMYLLK	82	28	10
NYCGLPGEYWLGNDR	37	15	10
QGFGNVATNTDGK	70	13	10
YQISVNR	37	7	10
ALVILAK	37	7	9
APLVLR	29	7	9
DGLILTR	33	8	9
EGPYDVVVLPGGNLGAQNLSESAVK	59	26	9
EILKEQENRK	36	10	9
EVAQVK	29	7	9
GAEEMETVIPVDVMR	31	15	9
GPGTSFEFALAIVEALNGK	88	19	9
VTTHPLAK	36	8	9
FASEYGYQSWPSFSTLEK	62	18	11
FQSAVLYAAQSK	79	13	11
GGEAVCLYEPPVSELLR	67	17	11
GSPGLSFYFK	39	10	11
LLLQSVVDANMNTLR	57	15	11
LQTQQTYSIELQPGK	32	15	11
NELEQSFHVTSITDIY	27	16	11
TILFYPWEPTSK	28	12	11
VNLILEGVDTVSK	55	13	11
VSSTEDWSFNSK	107	12	11
YSFDITNVVR	32	10	11
ATFGCHDGYSLDGPEEIECTK	62	21	14
ATVVYQGER	58	9	14
CSYTEDAQCIDGTIEVPK	93	18	14
EHSSLAFWK	30	9	14
FICPLTGLWPINTLK	44	15	14
FKNGMLHGDK	44	10	14
KATVVYQGER	74	10	14
KFICPLTGLWPINTLK	55	16	14

NGMLHGDK	1Met(ox)	48	8	14
TCPKPDDLFPSTVVPLK		40	17	14
TFYEPGEEITYSCK		39	14	14
TFYEPGEEITYSCKPGYVSR		94	20	14
VCPFAGILENGAVR		76	14	14
WSPPELVCAPIICPPPSIPTFATLR		54	25	14
DVTVLQNTDGNNEAWAK		76	18	12
EDAIWNLLR		46	9	12
FQLFGSPSGQK		28	11	12
GGSFQLNELQGLK		32	13	12
IDSGLYLGSGYFTAQNLRL		91	19	12
KPVTEAR		49	7	12
KSEEEVAAR		35	9	12
LADFALLCLDGK		60	12	12
LCAGTGENK		31	9	12
LRPVAAEVYGTERRQR		42	16	12
RKPVTEAR		30	8	12
YLGPOYYAGITNLK		54	14	12
FDDYNSDSSLTLR		89	13	5
GPDVGVGESQAEEPR		115	15	5
VLQSIGVDPLPAK		50	13	5
VLVVDIQAQK		64	10	5
VYPESQAQEPGVAASLR		88	17	5
AVRPGYPK		27	8	12
CQCDELCSYYQSCCTDYTAECKPQVTR		55	27	12
DVWGIEGPIDAAFTLR		77	15	12
DWHGVPGQVDAAMAGR		47	16	12
FEDGVLDPDYPR		81	12	12
GQYCYELDEK		39	10	12
IYISGMAPR		73	9	12
MDWLVPATCEPIQSVFFFS GDK		37	22	12
QPQFISR		33	7	12
RVDTVDPPIPR		37	11	12
SIAQYWLGC PAPGHL		75	15	12
VDTVDPPIPR		48	10	12
GVAALTS DPAVQAIVLDTASDVLDK		29	25	2
VLVQNAAGS QEK		38	12	2
DLVGELGTALR		84	11	1
ACTSQGCGKPITEESSTLGEGSK		102	23	38
CTASNFLGTATHDFHVIVEEPPR		57	23	38
DGENYATVVGYS AFLHCEFFASPEAVVSWQ		31	31	38
DGNPFYFTDHR		29	11	38
DTATLSWGLPK		49	11	38
EKIDPLEVEEGDPIVLPCNPPK		52	22	38
GAGPESEPIYFQTPEGVP EQPTFLK		71	25	38
GDLYFANVEEK		65	11	38
GEILLLECF AEGLPTPQVDWNK		41	22	38
GNPEPTFSWTK		44	11	38
GYQINWWK		40	8	38
IDPLEVEEGDPIVLPCNPPK		55	20	38
IENVS YQDK		43	9	38
IENVS YQDKGN YR		69	13	38
IGGDLPK		44	7	38
IPNEGHISHFQ GK		53	13	38
KPQSAVYSTG SNGILLCEAEGEPQPTIK		29	28	38
KTTVILPLAPFVR		57	13	38

LGIAMSEEEFIVPSVPK	53	18	38
LHMLELHCESK	34	11	38
LLLPPTESGSESSITLK	74	18	38
NDYCCFAAFPR	29	11	38
PIITESSTLGEGSK	106	14	38
SMEQNGPGLEYR	67	12	38
SQPSQPSDHHETPPAAPDR	62	19	38
SQPSQPSDHHETPPAAPDRNPQNIR	32	25	38
TAVTANLDIR	47	10	38
THPVEVFEPGAEHIVR	28	16	38
TLKIENVSYQDK	76	12	38
TTEEDAGSYSCWVENAIGK	78	19	38
TTVILPLAPFVR	51	12	38
VDKDTATLSWGLPK	72	14	38
VEEVKPLEGR	45	10	38
VIAVNEVGR	60	9	38
VIKVDKDTATLSWGLPK	67	17	38
VMTPAVYAPYDVK	62	13	38
VNGSPVDNHPFAGDVVFPR	65	19	38
VQVAFPFDEYFQIECEAK	83	18	38
DQQVVTAVEYQEAILACK	55	18	2
TGTLQFNTVSK	61	11	2
GPVSVGVDAR	45	10	1
AQYVLISPEASSR	44	13	8
GAVVYVFGSK	41	10	8
IADVTSGLIGGEDGR	111	15	8
ILEGFQPSGR	40	10	8
LSGALHVYSLGSD	27	13	8
QVLLVGAPTYDDVSK	52	15	8
TMFIGGSQLSQK	68	12	8
VAFLLTVTLHQGGATR	59	15	8
SLGLPENHIVFPVPIDQCIDG	34	21	2
VPLQQNFQDNQFQGK	48	15	2
LGPEAFWFNSGR	61	12	1
CPPGAHACGPCLQPFQEDQQGLCVPR	43	26	2
LEDEIDFLAQELAR	106	14	2
EPGEGLAVTVSLIGAYK	48	17	15
FCGDAVPGSISSEGNELLVQFVSDLSVTADG	57	37	15
FCGTFRPAPLVAPGNQVTLR	42	20	15
FDLEPDYCR	30	10	15
GESGYVASEGFPNLYPPNK	35	19	15
GFLWYSGR	48	9	15
GVSYLLMGQVEENR	48	14	15
MTTDEGTGGR	37	10	15
PAPLVAPGNQVTLR	47	14	15
TEESPSAPDAPTCPK	61	15	15
TGGDLPSPTGASLK	46	16	15
TGTLQSNFCASSLVVTATVK	98	20	15
VFDLELHPACR	48	11	15
YDALEVFAAGSGTSGQR	81	16	15
YDSVSVFNGAVSDDSR	101	16	15
DIPNLTAIVR	55	10	16
DLA EVPASIPVNTR	69	14	16
HLEILQLSK	50	9	16
IEVGAFNGLPSLNTLELFDNR	29	21	16
LDLGELK	36	7	16

LDLIRPGSFQGLTSLR	36	16	16
LEELELSGNNR	69	10	16
LEYISEAAFEGLVNL	49	16	16
LTTVPTQAFEYLSK	50	14	16
NAFDDLK	29	7	16
NNPIESIPSYAFNR	57	14	16
PGSFQGLTSLR	48	11	16
RLDLGELK	32	8	16
RLEYISEAAFEGLVNL	30	17	16
YLNLMGMCNLK	48	10	16
YLNLMQENGIQVIR	87	13	16
NSVNSHTIGR	45	10	1
LMVELHNL	63	10	2
WDEELAAFAK	53	10	2
LLDGSAEFDGK	60	11	2
TPSSDGTVEVR	84	11	2
AFVSLGAPWGGVAK	38	14	2
APNENGPYFLALR	42	13	2
AVVHGILMGVPVPFPIPEPDGCK	75	23	9
DCGSVDGVIK	53	10	9
DKTYSYLNK	39	9	9
EVNVSPCPTQPCQLSK	42	16	9
LVVEWQLQDDK	77	11	9
NQSLFCWEIPVQIVSHL	78	17	9
SEYPSIK	29	7	9
SGINCPIQK	45	9	9
TYSYLNKLPVK	62	11	9
AEELVNTAPLTGVPQHVPVR	35	20	12
ALIPLAK	30	7	12
GTAHPGEVTATCWAQSALPAPK	28	22	12
IELTDTTLEQVR	87	12	12
LTVWAPLLPLR	42	11	12
PADPPQYQEVPLDEAVTLR	38	19	12
PVTWQLEYPGQAPEAEK	64	17	12
SETFLLQPWPR	52	12	12
SPLSDSILGEQALAVTDDK	53	19	12
VASLEGGR	28	8	12
VPGPAEGPAEPAAEASDEAER	115	21	12
VQPMGISLTSLR	51	13	12
DVAIEEIDGLQLVK	39	14	6
GILLGVVGTDVVPVK	33	14	6
INLFVGAEQLTNQDFLK	64	17	6
LWASAFGGEIK	56	11	6
SNVVTASTSIQLLDER	73	16	6
VLVMTNDYYYTDIK	52	14	6
AGQSAAGAAPGGGVDTR	57	17	7
ALTQTGGPHVK	33	11	7
VANPSGNLTETYVQDR	86	16	7
VKVEPSHDASK	40	11	7
VNVGAGSHPNK	49	11	7
VPVHDVTDASK	41	11	7
YTPVQQGPVGVNVVTYGGDPIPK	58	22	7
AGTGLAAFSINQDTGMIQTLAPLDR	81	25	66
ALPFSIDPYLGIISTSK	49	17	66
ATDSGQPPLSASVR	86	14	66
AVAAQDPVIYSLVR	73	14	66

DGGTPSLQSEEEVLVTVR	78	18	66
DGVFSMNSYSGLISTQK	54	17	66
DPDQGANAAQVVYSLPDSAEGHFSIDATTGVI	27	32	66
DSPVIQVLAYDADEGQNADVTSVNPEDLVK	39	31	66
DVFNLVAK	29	8	66
DVIEINPVTGVVK	72	13	66
DVNDSPPR	41	8	66
DVSYQIVEDGSDVSK	87	15	66
EVSIFLQLR	47	9	66
FSEPLYTFSAPEDLPEGSEIGIVK	52	24	66
FSGQSYVR	55	8	66
FSLHPLTGELVVTGHLDR	29	18	66
FTQLHYEASVPDTIAPGTELLQVR	54	24	66
GKHELQVLAVDR	38	12	66
GNSEGFFNINALLGIITLAQK	82	21	66
GSVVENSEPGEVLATLK	53	17	66
GVNAEVHYSLLK	58	12	66
IDPYLGDISLK	44	11	66
IHATDRDPQDTLTYSLAEEETLGR	32	24	66
IIAAQGLPR	63	9	66
IILTDENDNPPQFK	62	14	66
IISGDVANVFK	74	11	66
ILEPEALK	35	8	66
ISEGNFGSLAALVVHVEPALR	35	22	66
ISLTQVLDK	36	9	66
KPFDYQALNK	33	10	66
LEYLILSGNQDR	80	12	66
LIYNIVEEEPLMLFTTDFK 1Met(ox)	114	19	66
LKVPEDLPPGTVLTFLDASDPDLGPAGEVR	33	30	66
LMDFHDR 1Met(ox)	31	7	66
LSILTPR	41	7	66
LSPVSPGPVYR	58	11	66
LVASDLDEGLNGR	81	13	66
PAQVIHVR	50	9	66
QVTCYITEGDPLGQFGISQVGDEWR	97	25	66
SCQADITLHVEDVNDNAPR	45	19	66
SEYFVEIPESIPVGSPIILLVSA 1Met(ox)	27	33	66
SGSGPYFYQIR	51	12	66
SLQFDQDVYWAAYK	77	14	66
SNEFSLVSVK	41	10	66
STFVGQISEAAPLYSMIMDK 1Met(ox)	63	20	66
TEEYVVGNFCLR	53	13	66
TGNADEAVTIHPVTGSISVLNPAFLGLSR	43	29	66
TGVLTQFTK	60	9	66
TGVLTVTGPLDYESK	53	15	66
TLDADISEQNR	63	11	66
TLELEALTR	43	9	66
TPVAVVFAR	52	9	66
VDLMTGALILER	51	12	66
VIDLLAIDK	48	9	66
VIDLLAIDKDSGPYGTIDYTIINK	48	24	66
VLQLILSDPDSPENGPPYSFR	57	21	66
VPQDTVPGVELLR	44	13	66
VQAIDPDSR	37	9	66
VQAIDQDKGK	54	10	66
VQLSEFSPPGSR	52	12	66

VSIEDVNDNPPK	91	12	66
VTISEDMPK	44	10	66
VTPDGWLVTAEGLSR	56	15	66
VVVGILDVNDNPPIFSHK	59	18	66
YFLSIECSR	51	9	66
YVLMDGAHGTFR	32	12	66
LNIPVSQVNPR	38	11	1
QLPSFQTFAPALDVIR	29	17	2
SKPAVQYQWDR	62	11	2
DAEGILEDLQSYR	74	13	2
DQPPNSVEGLLNALR	58	15	2
AVISPGFDVFAK	55	12	23
DFHINLFR	35	8	23
DHENELLNK	47	9	23
DMTEVISSLENANYK	68	15	23
EILNINQK	31	8	23
ELNELGSK	33	8	23
ESASLMVDR	62	9	23
EVVTDQFLCSGTQEDESCK	98	20	23
EVVTDQFLCSGTQEDESCKGESGGAVFLE	54	31	23
FFQVGLVSWGLYNPCLGSADK	67	21	23
FGHGDKVR	45	8	23
GESGGAVFLER	71	11	23
HAFILQDTK	34	9	23
HAIILLTDGK	84	10	23
KNQGILEFYGDDIALLK	53	17	23
NDYLDIYAIGVGK	52	13	23
NQGILEFYGDDIALLK	90	16	23
PICLPCTMEANLALR	48	15	23
QHLGDVLNPL	56	12	23
RNDYLDIYAIGVGK	45	14	23
TAVDHIR	54	7	23
VLMSVLNDNSR	39	11	23
VNVGDPK	29	7	23
AEVSADQVATVMWDYFSQLSNNK	82	24	18
GNTEGLQK	29	8	18
IDQNVEELK	59	9	18
IDQTVEELR	44	9	18
ISASAEELR	71	9	18
LAPLAEDVR	49	9	18
LEPYADQLR	32	9	18
LGPHAGDVEGHLSFLEK	92	17	18
LKEEIGK	50	7	18
LLPHANEVSQK	29	11	18
LTPYADEFK	38	9	18
SELTQQLNALFQDK	96	14	18
SLAELGGHLDQQVEEFR	92	17	18
SLAELGGHLDQQVEEFR	40	18	18
SLAPYAQDTQEK	67	12	18
TLSLPELEQQQEQQQEQQEQVQMLAPLES	45	30	18
TQVNTQAEQLR	76	11	18
VNSFFSTFK	54	9	18
GTTGLPQEVHVLNLR	67	15	5
NFLSLNYLAEYLQPK	39	15	5
NLILILK	27	7	5
SIRDDIPSTQGNLVK	79	15	5

SVNWVIK		44	7	5
CRPPVGCEELVR		46	12	3
GELDCHQLADSFRE		28	14	3
THEDLYIIPNCDR		36	15	3
AEDHFSVIDFNQIR		44	15	30
AGELEVFNQYFVHFFAPDNLDPIPK		33	25	30
AHVSFKPTVAQQR		63	13	30
ALYAQAR		40	7	30
DKHADPDFTR		36	10	30
ETAVDGELVVLYDVK		64	15	30
FLHVPDTFEGHFDGVPVISK		34	20	30
FYNQVSTPLL		46	11	30
HADPDFTR		40	8	30
HLEVDVWVIEPQGLR		35	15	30
IQPSGGTNINEALLR		97	15	30
IYGNQDTSSQLK		55	12	30
IYGNQDTSSQLKK		49	13	30
IYLQPGR		39	7	30
KFYNQVSTPLL		39	12	30
KLGSYEHR		66	8	30
KLWAYLTINQLLAER		88	15	30
LDQIESVITATSANTQLVLETL	1Met(ox)	33	34	30
LGSYEHR		46	7	30
LSNENHGIAQR		74	11	30
MATTMIQSK	1Met(ox)	58	9	30
MKQTVEAMK	1Met(ox)	39	9	30
MLADAPPQDPSCCSGALYYG	1Met(ox)	42	22	30
NDLISATK		45	8	30
QTVEAMK	1Met(ox)	32	7	30
SSALDMENFR	1Met(ox)	70	10	30
TEVNVLPQAK		52	10	30
TILDDLRAEDHFSVIDFNQIR		42	22	30
VQFELHYQEVK		55	11	30
VVNNSPQPQNVVFDVQIPK		69	19	30
IYVVDVGSEPR		103	11	6
LNPFLVDFGK		29	11	6
LYITSLYSAWDK		67	13	6
NEGGTWSVEK		47	10	6
NTGTEAPDYLATVDVDPK		39	18	6
VAGGPQMIQLSLDGK	1Met(ox)	48	15	6
APLGSPSPRPR		39	11	1
CACTYGFTGPQCER		42	14	2
GYILQEDGR		34	9	2
AFLLSLAALR		51	10	3
IAVSKPSGPQPQADLQALLQSGAQVR		35	26	3
SQLEAIFLR		52	9	3
AKPLVLGPEFK		37	11	1
KPQDFLEELK		36	10	4
LNPGLLPVLTDPALNDLYVISTFK		44	25	4
QTEQTYWQATPFR		62	13	4
VHLVVFNNLQLADGR		32	15	4
ATLDVDEAGTEAAAATSFAIK		84	21	10
EIEEVLTPPELMR		35	13	10
FSISGSYVLDQILPR		52	15	10
FYYLIASETPGK		57	12	10
GDATEVFFILPNQGK		51	14	10

GFQHLHTLNLPGHGLETR	44	19	10
IAPANADFAFR	70	11	10
LFHTNFYDTVGTIQLINDHVK	40	21	10
LGFTDLFSK	45	9	10
VGSALFLSHNLK	49	12	10
ALILGELEK	34	9	8
ASEQAEPR	61	9	8
FWLEQGVDSVFEALPK	64	17	8
GQSQFQALCFVTQLQHNEIIPSEAMAK	28	27	8
LPDGQVTEESLQADSDADSISLELR	33	25	8
QLCLWDEDPYPG	33	12	8
SYSFDFYVPQR	38	11	8
VRLPDGQVTEESLQADSDADSISLELR	33	27	8
CQLSSLPGNIFR	40	12	3
LFLQNNLIR	58	9	3
SLEPDTFQGLER	33	12	3
AAFFLSYEELLQR	50	13	15
AQALAVSYR	57	9	15
DALFTILHDLRPQDR	34	15	15
DSGVTVNGELIGAPPPNGHK	32	21	15
ELLSSWLQSDDEPEK	67	15	15
FSIIGFSNR	40	9	15
GHQVPVVWK	40	9	15
IAQNGILGDFIIR	66	13	15
IYNGEEQIDCWFR	90	14	15
LSLENCGLTR	61	10	15
LWSYLTTK	28	8	15
SYLEITPSR	51	9	15
TITILINKPER	40	11	15
VHEEEDAGSQLIGFYDEIR	34	19	15
YAFTTVSCR	34	9	15
DFSSIIQTCSGNIQR	53	15	2
QLEADILDVNQIFK	81	14	2
ELVDEEADAYELLSQAESWQR	34	22	3
SLLSDVEELVEK	83	12	3
TLFPVVLEQLDDYNAK	59	16	3
DTGTYGFLPER	42	12	2
YPLYVLK	27	7	2
DLLDDLKSELTGK	30	13	2
GTVTDFPGFDER	38	12	2
AKPSAPVVSGPAAR	61	14	11
EITQDTNDITYADLNLPK	87	18	11
GTANLSETIR	65	10	11
KGSPDDVEFK	71	10	11
LTCQVEHDGQPAVSK	33	15	11
NGNELSDFQTNVDPVGESVSYHSTAK	63	28	11
SGAGTELSVR	68	10	11
SVLVAAGETATLR	101	13	11
TETASTVTENK	63	11	11
VPPTLEVTTQPVVR	69	13	11
VTTVSDLTk	40	9	11
QDATASLILLWK	55	12	2
VTATGFQQCSLIDGR	93	15	2
AAPYWITAPQNLVLSPGEDGTLICR	68	25	42
AETYEGVYQCTAR	74	13	42
ASEPDKNPTAVEGLGSEPDNLVITWK	29	26	42

ASEPDKNPTAVEGLGSEPDNLVITWKPLNGF	30	41	42
DSTGTYTCVAR	40	11	42
EDGMLPK	31	7	42
ENIVIQCEAK	39	10	42
ERPPTFLTPEGNASNK	72	16	42
ERPPTFLTPEGNASNKEELR	31	20	42
FYFYAQTSAGSGSQITEEAVTTVDEAGILPPE	31	37	42
GAAVSNNIVVR	77	11	42
GAAVSNNIVVRPSR	43	14	42
GEGPASPDR	34	9	42
GKPPPSFSWTR	29	11	42
GNVLSLECIAEGLPTPIIWAK	53	22	42
GSMVSFECK	50	9	42
IDGDTIIFSNVQER	82	14	42
ILTFQGSK	31	8	42
ILTPANTLYQVIANR	98	15	42
ISWLTNGVPIEAPDDPSR	61	19	42
IVNPTLDLSTLEWDPPSHPNGILTEYTLK	32	29	42
KIDGDTIIFSNVQER	96	15	42
KILTFQGSK	49	9	42
LLEDLVQPPTITQQSPK	46	17	42
LSPYVNYSFR	58	10	42
NALGAIHHTISVR	70	13	42
NEVHLEIK	55	8	42
NEVHLEIKDPTWIVK	39	15	42
NPTAVEGLGSEPDNLVITWKPLNGFESNGPC	32	35	42
PALLDCAFFGSPLPTIEWFK	58	20	42
QPEYAVVQR	46	9	42
SLPSEASEQYLTK	84	13	42
SVQLSWTPGDDNNSPITK	87	18	42
THGMLPGLEPFESHYTLNVR	36	19	42
TLQIIHVSEADSGNYQCIK	68	20	42
VFNTPEGVPSAPSSLK	68	16	42
VMAVNSIGK	56	9	42
VQALNDMGFAPEPAVVMGHSGEDLPMVAPC	62	33	42
VSQGLNGDLYFSNVLPEDTR	88	20	42
VSQGLNGDLYFSNVLPEDTREDYICYAR	32	28	42
VVNGKGEGPASPDR	59	14	42
YIVSGTPTFVPYLIK	77	15	42
DTMADGPWDSPALILELEDA\ 1Met(ox)	58	22	8
ELDLVQGR	33	8	8
IDRLEQELPAR	39	11	8
IRADQDTIR	46	9	8
LVEAFGGATK	65	10	8
MDQLEGQLLAQVLALEK	99	17	8
QTALQQEAR	57	9	8
VALSHSSR	51	8	8
QEDPTNVGPEVK	60	12	1
GVEIYEPFFTQGETK	47	15	2
TGQFDSQEYTEYAVK	81	15	2
GEAGGQAEAEGDAPGPR	129	17	3
NTQNDFEVHIVQVENDEI	39	18	3
VLETQDLNGDGLMTPAELINF\ 1Met(ox)	40	27	3
ATITGYR	34	7	26
DDKESVPISDTIIPAVPPPTDLR	80	23	26
DLEVVAATPTSLLISWDAPAVTVR	111	24	26

EINLAPDSSSVVVSGLMVATK 1Met(ox)	107	21	26
EVTSDSGSIVVSGLTPGVEYVYTIQVLR	51	28	26
FLATTPNSLLVSWQPPR	84	17	26
FTNIGPDTMR	35	10	26
FTQVTPTSLSAQWTPPNVQLTGYR	85	24	26
GEWTCAIYSQLR	53	12	26
GEWTCKPIAEK	37	11	26
GLKPGVVYEGQLISIQQYGHQEVTR	49	25	26
GNLLQCICTGNR	71	13	26
HTSVQTTSSSGSPFTDVR	93	18	26
HYQINQQWER	58	10	26
LGVRPSQGGAPR	43	13	26
NEEDVAELSPSDNAVVLNLLPGTEYVVS\	53	45	26
NSITLTNLTGTEYVVSIVALNGR	117	24	26
PAQGVVTTLENVSPPR	98	16	26
RPGGEPSPGTTGQSYNQYSQR	50	22	26
TAGPDQTEMTIEGLQPTVEYV 1Met(ox)	45	48	26
TGLDSPTGIDFSDITANSFTVHWIAPR	40	27	26
TGQEALSQTTISWAPFQDTSEYIISCHPVGTI	38	39	26
TKTETITGFQVDAVPANGQTPIQR	100	24	26
TYHVGGEQWQK	42	10	26
VDVIPVNLPGEHGQR	63	15	26
VPGTSTSATLTGLTR	102	15	26
AAAVSSGFDGAIQLVSLGGR	60	20	14
ALQSNHFELSLR	64	12	14
AYGTGFVGCLR	58	11	14
EGSLQVGNEAPVTGSSPLGATQLDTDGALW	42	45	14
GKDFLALALLDGR	53	13	14
SADGLTASCLCPATCR	52	16	14
SAGDVDTLAFDGR	90	13	14
SFLAFPTLR	49	9	14
SIESTLDDLFR	67	11	14
STVPVNTNR	31	9	14
TEATQGLVLWSGK	67	13	14
TFVEYLNAVTESEK	93	14	14
VCGSDGVTYGNECQLK	65	16	14
VVISGFGDPLICDNQVSTGDTR	91	22	14
TETLLLQAER	68	10	1
FTTLVQDLANAFQQAQTSBK	74	21	2
LFQQSCPTGLVFSNSCK	75	17	2
AAMALEK	48	7	2
LGGPEAGLGEYLFER	43	15	2
DNLLDTYSADQGDSSSEGGTLAR	111	22	5
EVILDIPYESIVVTR	38	16	5
LDPIQPSDVLSLLDNR	45	16	5
LYTVDLESGLHYLLR	27	15	5
TPDQAILWLWK	55	11	5
ASGSPEPAISWFR	61	13	18
AVDGFTFTEGDKSPDGR	46	17	18
DKLVLPK	28	8	18
EPSPPSIHGQPSSGK	49	15	18
EVASEIWK	35	8	18
EVSPPQEFK	28	9	18
FQEYILALADVPSSPYGVK	85	19	18
GQHGSSSLHIK	36	11	18
GQTQEATVVLEIYQK	76	15	18

GSNTELTVR	43	9	18
IEIFQTLPVR	56	10	18
IIELSQTAK	62	10	18
MILEIAPTSNDNDFGR	45	15	18
NIINSDGGPYVCR	74	13	18
QGEDAEVVCR	58	10	18
SKDKEDQWLEK	54	11	18
SMYLDIEYAPK	77	11	18
SNPPASIHWR	56	10	18
DMDVVSGR	42	8	3
SVPADIFQMQATTR	92	14	3
YPGAYYIFQIK	47	11	3
ITCQGDSLRL	27	9	3
NNRPSGIPDR	29	10	3
SELTQDPAVSVALGQTVR	76	18	3
SYELTQPPSVSVSPGQTAR	54	19	1
GVVDSIDLPLNISR	64	14	1
EVQLLESGLLVQPGGSLR	82	19	1
DTVYLQMDSLR	36	11	2
EVQLVETGGGLIQPGGSLR	91	19	2
QVELVESGGGAVEPGRSLR	36	19	3
QVELVESGGGAVQPGRSLR	27	19	3
QVQLVESGGGAVEPGRSLR	34	19	3
EVQLVESGGDLVQPGR	41	16	1
VTISVDTSR	49	9	1
FFESFGDLSTPDVAVMGNPK	117	19	2
SAVTALWGK	47	9	2
AVSVEAAVTPAEPYAR	37	16	6
EPGVTSIEVR	41	10	6
GLHVTAAR	30	8	6
QVAGSVGGNTGVR	37	13	6
VPGPAEGPAEPAEASDEAERR	41	22	6
VSVLELR	49	7	6
EEEEEMAVVPQGLFR	35	15	3
GEQEHSQQKEEEEEEMAVVPQGLFR	89	24	3
SEALAVDGAGKPGAEAAQDPEGK	81	23	3
AEAEENEKETAVSTEDDSHHK	36	21	12
AQSIAYHLK	42	9	12
EKVHENENIGTTEPGEHQEAK	64	21	12
HIQETEWQSQEGK	96	13	12
IYLDEKR	44	7	12
KIYLDEK	40	7	12
KIYLDEKR	68	8	12
KLSENTDFLAPGVSSFTDSNQQESITK	76	27	12
LLAGDHPIDLLLR	54	13	12
SKEESHEQSAEQGK	60	14	12
TGLEAISNHK	54	10	12
TGLEAISNHKETEEK	70	15	12
FYADSVK	27	7	1
EIVMTQSPATLSVSPGER	51	18	1
EVQLVESGGGVVQPGGSLR	33	19	1
IYTYQWR	39	7	2
YALSNSIGPVR	70	11	2
KLVAASQAALGL	86	12	2
LVAASQAALGL	102	11	2
AYLTVLADQATPTNR	54	15	20

DHIVDPR	28	7	20
DLELTDLAER	69	10	20
DNILIECEAK	30	10	20
DQGSYTCVASTELDQDLAK	103	19	20
EFTTPEGVPSAPR	40	13	20
EVAGDTIIFR	40	10	20
FGTALSNR	41	8	20
GMDLLLECIASGVPTPDIAWYK	39	22	20
GPEPESVIGYSGEDYPR	97	17	20
ITNVSEEDSGEYFCLASNK	95	19	20
KEDQGIYTCVATNILGK	32	17	20
LDCPFFGSPIPTLR	60	14	20
LEVKDPTR	48	8	20
LSPYVNYQFR	57	10	20
LTVSWLKDDEPLYIGNR	50	17	20
NLILAPGEDGR	38	11	20
SGTLVIDFR	58	9	20
TSGAPPESNPGDVK	64	14	20
VQAENDFGKGPEPESVIGYSGEDYPR	37	26	20
LEPEDFAVYYCQQYGSSPR	69	19	2
LLMYGASSR	40	9	2
DIQLTQSPSSLSASVGDR	100	18	1
CSVSTGDLTITNIQR	77	16	4
EGSQNLLFPNQPPNSR	30	18	4
GNPQPAVFWQK	31	11	4
QTSGLQATSSWQNLDK	79	17	4
VTISLDTSK	38	9	1
NYVDWYQQLPGTAPK	54	15	1
AHELGGFTYETQASLSGPYLT 1Met(ox)	44	26	5
EDLYLHSLK	44	9	5
EFWQLLR	35	7	5
LSLEHLNPSIYVGLR	36	15	5
QSIISVLGASTVEDVLK	31	16	5
DIEMTQSPSSLSASVGDR	77	18	4
DIQMTQSPSSLSASVGDR	117	18	4
NIEMTQSPSSLSASVGDR	99	18	4
NIQMTQSPSSLSASVGDR 1Met(ox)	72	18	4
EIVLTESPGTSLSPGER	59	18	4
EIVLTQSPGTSLSPGQR	77	18	4
FSGSGSGADFTLTISR	58	16	4
QIVLTESPGTSLSPGER	44	18	4
ASQSVNSYLAWYQQKPGQAPR	28	22	2
EIVLTQSPGTSLSPGER	124	18	2
DIVMTQSPDSLAVSLGER	116	18	3
ESGVPDR	31	7	3
LLIYWASTR	63	9	3
EDDSLTIIFGVAER	72	13	5
GPEPESVIGYSGEDLPSAPR	74	20	5
VIAINEVGSSHPSLPSE	80	18	5
YPGSVNSAVLR	79	11	5
YVVGQTPVYVPYR	68	15	5
LAGLGLQQLDEGLFSR	93	16	5
LLLLDLSHNSLLALEPGILDTANVEALR	28	28	5
NLHDLVDVSDNQLR	52	14	5
SLTLGIEPVSPTSLR	61	15	5
YLQGSSVQLR	34	10	5

ESLLDTTSLQQR	73	13	3
IEYAPGAGSLALFPGIR	52	17	3
VNDVNEFAPVFVER	42	14	3
ALFQDIK	28	7	2
LGGPEAGLGEYLFER	63	15	2
EASPNPEDGIVR	35	12	10
ELNHLAVDEASGVVYLGAVNALYQLDAK	31	28	10
FGAQLQCVTGPQATR	95	15	10
GSSLHVGSDLLK	30	12	10
IQPETGPLGGGIR	28	13	10
LQLEQQVATGPALDNK	111	16	10
LQLEQQVATGPALDNKK	54	17	10
SFVASNDEGVATVGLVSSTGPGGDR	116	25	10
SPPNVQFTFQQPK	46	13	10
VLYAVFSR	39	8	10
CCVECPPCPAPPVAGPSVFLFPPK	33	24	7
CCVECPPCPAPPVAGPSVFLFPPKPK	36	26	7
FDPWGGQTLVTVSSASTK	67	18	7
GLPAPIEK	38	8	7
KCCVECPPCPAPPVAGPSVFLFPPKPK	29	27	7
STSESTAALGCLVK	75	14	7
VVSVLTVVHQDWLNGK	73	16	7
SASCDALTGACLNCQENSK	89	19	2
VGVIGSICDR	62	10	2
AAAGGPGGAALGEAPPGR	75	18	4
ASGSFVAPVR	66	10	4
EAATSSVLLPLDPGDR	48	16	4
RGNLLGGWK	32	9	4
ELSCESYPIELR	49	12	5
SGEAIIANANYHDTSPYR	92	18	5
VDGTGFVVYDGAFFNK	38	17	5
YLEVQYECVPYK	41	12	5
YSLDFGPLDSR	53	11	5
DQDLNTYSL LAVFAATDGGITR	28	22	6
IFGGVQQLR	58	9	6
LTNTNLLFVVAEKPLCSQCEAGR	29	23	6
QDPTLLWQVFGSATGVTR	51	18	6
RQDPTLLWQVFGSATGVTR	49	19	6
VAGDIESLLDR	72	11	6
FLASVSTVLTSK	84	12	10
KVADALTNAVAHVDDMPNALSALSDLHAHK	79	30	10
LRVDPVNFK	50	9	10
MFLSFPTTK	49	9	10
TYFPHFDLSHGSAQVK	50	16	10
VADALTNAVAHVDDMPNALSALSDLHAHK	30	29	10
VDPVNFK	30	7	10
VGAHAGEYGAEALER	84	15	10
VLSPADK	36	7	10
VLSPADKTNVK	52	11	10
KSDCGEWQWSVCVPTSGDCGLGTR	48	24	4
LTKPKPQAESK	37	11	4
TVTISKPCGK	42	10	4
YQFQAWGECDLNTALK	93	16	4
LVVLDEELEGISPDELK	74	17	3
NTEDLTEEWLR	65	11	3
SESLVVCDVAEDLVEK	69	16	3

DFFTVTDLR	50	9	2
FAFFAGPR	48	8	2
CTELISDIR	30	9	1
ASGVTVNDEVIK	35	12	2
QILVGDIGDTVEDPYTSFVK	78	20	2
IAELLSPGSVDPLTR	67	15	5
LVLVNAVYFR	53	10	5
SCDFLSSFR	47	9	5
SGGGGDIHQGFQSLLTEVVK	36	20	5
TYIGEFTQILVLPYVGK	57	18	5
NLVVIPK	27	7	3
TTAQLIR	48	8	3
VAIDVGYR	38	8	3
GVQVETISPGDGR	66	13	1
ATVHIQVNDVNEYAPVFK	66	18	8
EPFTISVWMMR	40	10	8
FAESFEVTVTK	27	11	8
GVQIQAHPSQLVLTLEGEDLGELDK	61	25	8
ISIKPTCTPGWQGWNNR	48	17	8
LICSELNGR	37	9	8
LTVTAYDCGK	61	10	8
VEAVDADCSPQFSQICSYEITPDVPFTVDK	85	31	8
CDPVDQCQDSETGTFYQIGDSWEK	61	24	26
DAPIVVK	35	7	26
DSMIWDCTCIGAGR	79	14	26
DTLTSRPAQGVVTTLENVSPPR	29	22	26
EESPLLIGQQSTVSDVPR	52	18	26
EYLGAICSCTCFGGQR	91	16	26
FGFCPMAAHEEICTTNEGVMYR	56	22	26
GFNCESKPEAEETCFDK	60	17	26
GFNCESKPEAEETCFDKYTGNTRYR	37	24	26
LLCQCLGFGSGHFR	72	14	26
NLQPASEYTVSLVAIK	101	16	26
PGVTEATITGLEPGTEYTIYVIALK	37	25	26
PRPGVTEATITGLEPGTEYTIYVIALK	31	27	26
QAQQMVQPQSPVAVSQSK	34	18	26
QDGLWCSTTSNYEQDQK	36	18	26
RPHETGGYMLECVCLGNGK	27	19	26
STATISGLKPGVDYITVYAVTGR	55	24	26
TEIDKPSQMQVTDVQDNSISVK	65	22	26
TETITGFQVDAVPANGQTPIQR	50	22	26
TNTNVNCPICFMPLDVQADR	53	21	26
VEYELSEEGDEPQYLDLPSTATSVNIPDLLPC	84	33	26
VREEVTVGNSVNEGLNQPTDDSCFDPYTV	28	41	26
VTDATETTITISWR	60	14	26
VVTPLSPPTNLHLEANPDTGVLTVSWER	73	28	26
WCGTTQNYDADQK	53	13	26
YSFCTDHTVLVQTR	59	14	26
ELDLNSVLLK	34	10	5
HGTCAAQVDALNSQK	48	15	5
LGIKPSINYYQVADFK	49	16	5
PSINYYQVADFK	57	12	5
VCEDGPVFYPPPK	41	13	5
EVENPQNQLR	44	10	5
NMNVEEMLASEVLGDFLGAVI2Met(ox)	88	21	5
TPYSDGVLYGSPTAENVGKPTIIEITAYNR	35	30	5

TQFYIDWCK	43	9	5
VPLPINDLK	33	9	5
AAANQMR	56	7	87
ADGSYAAWLSR	85	11	87
AEFQDALEK	60	9	87
AEMADQAAAWLTR	88	13	87
ALEILQEEDLIDEDDIPVR	102	19	87
ASAGLLGAHAAAITAYALTLTK	85	22	87
AVGSGATFSHYYYMILSR	89	18	87
CCQDGVTR	55	8	87
CSVFYGAPSK	50	10	87
DFALLSLQVPLK	77	12	87
DFALLSLQVPLKDAK	60	15	87
DHAVDLIQK	66	9	87
DKGQAGLQR	41	9	87
DVKAAANQMR	28	10	87
EAPKVVEEQESR	62	12	87
ECVGFEAVQEVVPVGLVQPASATLYDYNNPEI	83	31	87
ECVGFEAVQEVVPVGLVQPASATLYDYNNPEI	50	32	87
EELVYELNPLDHR	74	13	87
EFHLHLR	33	7	87
EGAIHREELVYELNPLDHR	38	19	87
EMSGSPASGIPVK	51	13	87
EPFLSCCQFAESLR	73	14	87
EPFLSCCQFAESLRK	37	15	87
EVYMPSSIFQDDFVIPDISEPGTWK	89	25	87
FACYYP	52	7	87
FEQLELR	47	7	87
FGLLDEDGK	53	9	87
FGLLDEDGKK	54	10	87
GCGEQTMIIYLAPTLAASR	43	18	87
GHLFLQTDQPIYNPGQR	97	17	87
GLCVATPVQLR	52	11	87
GLEEELQFSLGSK	84	13	87
GLQDEDEGYR	53	9	87
GPEVQLVAHSPWLK	70	14	87
GQIVFMNR	63	8	87
GSFEFPVGDAVSK	65	13	87
GSSTWLTAFLVK	75	12	87
HLVPGAPFLLQALVR	43	15	87
ITPGKPYILTVPGHLDQMQLDI 1Met(ox)	29	25	87
ITQVLHFTK	50	9	87
KADGSYAAWLSR	97	12	87
KYVLPNFEVK	55	10	87
LELSVDGAK	67	9	87
LGQYASPTAK	69	10	87
LHLETDSLALVALGALDTALYAAGSK	130	26	87
LLLFSPSVVHLGVPLSVGVQLQDVPR	59	26	87
LNMGITDLQGLR	89	12	87
LQETSNWLLSQQQADGSFQDLSPVIHR	104	27	87
LTVAAPPSGGPGFLSIER	64	18	87
LTVAAPPSGGPGFLSIERPDSRPPR	28	25	87
LVNGQSHISLSK	75	12	87
MRPSTDITVMVENSHGLR	84	19	87
PVAFSVVPTAATAVSLK	67	17	87
PVQGVAYVR	68	9	87

PYILTVPGHLDQMQLDIQAR	73	20	87
QGSFQGGFR	75	9	87
QRVEASISK	29	9	87
RFEQLELR	36	8	87
RGHLFLQTDQPIYNPGQR	54	18	87
SCGLHQLLR	60	9	87
SFFPENWLWR	44	10	87
SHALQLNNR	51	9	87
SHKPLNMGK	38	9	87
SMQGGVLVGNDETVALTAFVTI 1Met(ox)	32	39	87
STQDTVIALDALSAWIASHTTEER	97	25	87
TEQWSTLPPETK	68	12	87
TLEIPGNSDPNMIPDGFNSY' 1Met(ox)	56	23	87
TTNIQGINLLFSSR	97	14	87
TYNVLDMK	50	8	87
VDFTLSSER	79	9	87
VDVQAGACEGK	67	11	87
VDVQAGACEGKLELSVDGAK	35	20	87
VEASISK	46	7	87
VEYGFQVK	55	8	87
VFALDQK	43	7	87
VGDTLNLNLR	101	10	87
VGLSGMAIADVTLTLLSGFHALR 1Met(ox)	82	21	87
VHYTVCIWR	42	9	87
VLSLAQEQVGGSPK	129	15	87
VQQPDCR	36	7	87
VQQPDCREPFLSCCQFAESLR	27	21	87
VTASDPLDTLGSEGALSPGGVASLLR	120	26	87
VVEEQESR	53	8	87
YIYGKPVQGVAYVR	58	14	87
YLDKTEQWSTLPPETK	65	16	87
YVLPNFEVK	52	9	87
YVSHFETEGPHVLLYFDSVPTSR	41	23	87
AEVNGLAAQ GK	61	11	15
ALQASALNAWR	85	11	15
DNAGAATEEFIK	73	12	15
DNAGAATEEFIKR	43	13	15
GILAADES VGSMK 1Met(ox)	84	14	15
GVVPLAGTDGETTTQGLDGLSER	106	23	15
PWALTFSYGR	45	10	15
QVLFSADDR	70	9	15
RAEVNGLAAQ GK	63	12	15
TPSALAIENANVLAR	100	16	15
TVPPAVPGVTFLSGGQSEEEASFNLNAINR	27	30	15
VDKGVVPLAGTDGETTTQGLDGLSER	28	26	15
VLAAYK	51	7	15
YASICQQNGIVPIVEPEILPDGDHDLK	30	27	15
YTPEEIAMATVTALR	93	15	15
FEFGQETSQTLK	67	12	6
GILYVTDTK	45	9	6
LENALYFDR	44	9	6
TYFNLA VDEK	57	10	6
VTETFGTWIR	75	10	6
VTFAFDLLG GK	60	11	6
ASGVPDR	32	7	3
FSGSGSGTDFTLK	94	13	3

VYACEVTHQGLSSPVTK		73	17	3
FSGSIDSSNSASLTISGLK		77	20	2
SSGSIASNYVQWYQQR		81	16	2
ASQSVSSYLAWYQQKPGQAPR		41	21	2
LLIYDASNR		65	9	2
EGMNIVEAMER	1Met(ox)	28	11	8
FEDENFILK		62	9	8
IIPGFMCQGGDFTR	1Met(ox)	34	14	8
ITIADCGQLE		41	10	8
KITIADCGQLE		82	11	8
SIYGEKFEDENFILK		40	15	8
VNPTVFFDIAVDGEPLGR		57	18	8
VSFELFADK		50	9	8
LDTNYDLLLDQSELR		81	15	2
LEYQACVLGK		40	10	2
DFSLTSSSQTPGATK		68	15	2
GPQLLALVEEVLPR		76	14	2
AIHLDLEEYR		48	10	9
EEILMHLWR		47	9	9
FIIEGMEEAGSVALEELVEKEK		35	22	9
GDGWLTDPPYVLTEVDGK		94	17	9
GNSYFMVEVK		53	10	9
GPVLAWINAVSAFR		106	14	9
KPAITYGTR		34	9	9
MFQEIVHK		32	8	9
TVFGTEPDMIR	1Met(ox)	54	11	9
DHFLMDGQVR		56	10	3
ETQQWYTVTHPVPTPR		41	16	3
MLLLQPQAR		43	9	3
VSEPVSAGR		66	9	1
DASGATFTWTPSSGK		65	15	1
ATGIPDR		35	7	11
DSTYLSSTLTLSK		82	14	11
FSGSGSGTDFTLTISR		129	16	11
HKVYACEVTHQGLSSPVTK		66	19	11
RTVAAPSVFIFPPSDEQLK		63	19	11
SGTASVVCLLNNFYPR		77	16	11
TVAAPSVFIFPPSDEQLK		73	18	11
VDNALQSGNSQESVTEQDSK		123	20	11
VDNALQSGNSQESVTEQDSKDSTYLSSTLT		88	34	11
YLAWYQQK		34	8	11
YLAWYQQKPGQAPR		67	14	11
GLVWVSR		32	7	2
SVTCHVK		27	7	2
DIAPTLTLYVGK		81	12	7
ILGGHLDK		55	9	7
SCAVAEYGVYVK		77	12	7
SPVGVQPILNEHTFCAGMSK		97	20	7
VMPICLPSK		48	9	7
YQEDTCYGDAGSAFAVHDLEEDTWYATGILS		65	34	7
YVMLPVADQDQCIR	1Met(ox)	77	14	7
ALNPSQTSMSGTLELPNIGAR		66	21	3
DGEIPYYAEVATNNPDR		56	18	3
LSCSLPGSCEAGPPLTFSWTGNALSPLDPEI		30	33	3
IGQESLEFILVQADTPSSPSIDQVEPYSSTAQ		52	48	3
ISVVWNDDSSSTLTIIYANIDDAIGIYK		31	27	3

SLDWNAEYEVYVAENQQGK	111	20	3
FSGSGSGTDFLTITR	85	16	2
LLIYGASSR	59	9	2
ANDGEWYHVDIQR	48	13	14
AYGLLVATTSR	92	11	14
DGFQGCCLASVDLNGR	87	15	14
GNSDRPLNDNQWHNVVITR	29	19	14
GSEYLCYDLSQNPIQSSSDEITLSFK	82	26	14
GYIHVYFDLGNPNVIK	28	17	14
IYGEVVK	31	8	14
LELDGGR	34	7	14
LMVNLDCIR	45	9	14
LPDLINDALHR	52	11	14
MGSISFDFR	46	9	14
QLTIFNTQAQIAIGGK	108	16	14
TPFTASGESEILDLEGDMYLGGLPENR	30	27	14
TTSPDGFI LNFGDGNDFIAVELVK	66	25	14
AMDNVTVR	43	8	8
AVGFVSEDEYLEIQGITR	89	18	8
GTGVPVGQK	27	9	8
GTLQCEASAVPSAEFQWYK	68	19	8
QGESATLR	28	8	8
VENRPFLSK	31	9	8
VHLIVQVSPK	51	10	8
VTVNYPPISEAK	35	13	8
AGLVFPTEVWTALLNYGYVGCIR	42	23	16
CENVATLDPITFETPESFISLPK	79	23	16
DLFIDGQSK	46	9	16
DMTVFSGLFVGGLPPELR 1Met(ox)	77	18	16
FNVGTDDIAIEESNAIINDGK	107	21	16
GKEEYIATFK	51	10	16
IHGVVAFK	45	8	16
ITTQITAGAR	61	10	16
LEFHNIETGIITER	48	14	16
LELDAGR	43	7	16
LQLSFSIFCAEPATLLADTPVNDGAWHSVR	29	30	16
LTVDDQQAMTGQMAGDHTR	41	19	16
NGLMLHTGK	55	9	16
SADYVNLALK	55	10	16
SDLYIGGVAK	63	10	16
VLNMAAENDANIAIVGNVR 1Met(ox)	83	19	16
TPTQEQLLAAAMAAAR	57	16	2
VTAAHAEGYTPSAK	53	13	2
DEASSVEVTWPDGK	66	14	13
DGKVDIVYGNWNGPHR	44	16	13
EHGDPLIEELNPGDALEPEGR	31	21	13
FRDIASPK	42	8	13
GDGTFVDAAASAGVDDPHQHGR	51	22	13
GNQGFNNNWL R	45	11	13
GVALADFN R	51	9	13
GVASLFAGR	62	9	13
GVSVPILSSSASDIFCDNENGNFLFHNR	30	30	13
LVNIAVDER	43	9	13
NNRWEDILSDEVNVAR	57	16	13
SSPYVALR	44	8	13
WEDILSDEVNVAR	79	13	13

YADLTEDQLPSCESLK	50	16	2
YADLTEDQLPSCESLKDTIAR	29	21	2
VLVTVNYPPPTITDVTSAR	40	18	1
AVLGSPR	35	7	16
EACYGDMDGFPQVR	67	14	16
EAEVLVAR	35	8	16
ELEAPSEDNSGR	29	12	16
EYQWIGLNDR	39	10	16
GVVFLYR	35	7	16
IGAHATPEQLYAAYLGGYEQCDAGWLSQDT	57	33	16
LTLEEAR	29	7	16
NYGVVDPDDLVDVYCYAEDLNGELFLGDPPF	31	32	16
RAVLGSPR	56	8	16
VKGVVFLYR	30	9	16
VKVNEAYR	49	8	16
VKWTFLSR	27	8	16
YAFSFGAQEACAR	92	14	16
YEVDTVLR	32	8	16
YPIVTPSQR	41	9	16
CTTDFVSLTSHLNSAVDGFDFSEFCK	49	25	6
GNLVYHSAVLGISDLMSQR	41	19	6
VEGAWPLIDNNYLSVQVTNPVVPQSSATAI	44	33	6
VYQAVTDDLPAAFVDGTTSGGDSDAK	118	26	6
YIGTTVFVR	41	9	6
YLTLAIR	42	7	6
DCGATWVVLGHSER	46	14	15
ELASQPDVDGFLVGGASLKPEFVDIINAK	74	29	15
FFVGGNWK	47	8	15
HVFGESDELIGQK	68	13	15
IYGGSVTGATCK	64	13	15
KFFVGGNWK	33	9	15
KQSLGELIGTLNAAK	30	15	15
SNVSDAVAQSTR	72	12	15
TATPQQAQEVHEK	74	13	15
VAHALAEGLGVACIGEK	91	18	15
VIADNVKDWSK	50	11	15
VPADTEVVCAPPTAYIDFAR	75	20	15
VTNGAFTGEISPGMIK	75	16	15
VVFEQTK	29	7	15
VVLAYEPVWAIQTK	76	15	15
ASDSPIDLFGDFFGDISEAVIQK	31	24	6
DLHIQSHISENRDEVEAVK	31	19	6
ETTEESIKETER	76	12	6
FQNIDFAEEVYTR	75	13	6
IVFLEEASQKEK	72	12	6
LATLGGSQALGLDGEIGNFEVGK	99	23	6
AAVPSGASTGIYEALRL	77	18	13
AVEHINK	32	7	13
DATNVGDEGGFAPNILENK	83	19	13
DYPVVSIEDPFDQDDWGAWQK	75	21	13
FTASAGIQVVGDDLTVTNPK	56	20	13
GNPTVEVDLFTSK	52	13	13
IGAEVYHNLK	62	10	13
KLNVTEQEK	49	9	13
LAMQEFMILPVGAANFR	38	17	13
LMIMDGTENK	27	11	13

1Met(ox)

SCNCLLLK	28	8	13
VNQIGSVTESLQACK	73	15	13
YISPDQLADLYK	44	12	13
ADLIAYLK	50	8	6
GIIWGEDTLMEYLENPK	80	17	6
GIIWGEDTLMEYLENPKK	89	18	6
MIFVGIK	31	7	6
TGPNLHGLFGR	50	11	6
TGQAPGYSYTAANK	66	14	6
ADGDPPPAILWLSPR	47	15	5
AFSGLNSLEQLTLEK	82	15	5
DFPDVLLPNYFTCR	38	14	5
LQEIQLVGGQLAVVEPYAFR	99	20	5
LTVFPDGTLEVR	34	12	5
ADDGRFPQVIK	28	12	13
ALANSLACQGK	57	11	13
ALQASALK	43	8	13
ELSDIAHR	55	8	13
GILAADESTGSIK	81	14	13
GVVPLAGTNGETTTQGLDGLSER	94	23	13
IGEHTPSALAIMENANVLAR	42	20	13
LQSIGTENTEENR	72	13	13
PYQYPALTPEQK	60	12	13
QLLLTADDR	50	9	13
SKGGVVGIK	30	9	13
TVPPAVTGITFLSGGQSEEEASINLNAINK	31	30	13
YTPSGQAGAAASESLFVSNHAY	82	22	13
AKLEETITQAR	62	11	32
AQEIFNK	33	7	32
AVEIYIQGK	67	9	32
DSETLKPDNFEESGYTFIAPR	43	21	32
EAGENWQENPETYEDSFYK	81	19	32
EAGENWQENPETYEDSFYKR	45	20	32
EDFASNEVVYYNAK	79	14	32
EEDPSLLWQVFGSATGLAR	113	19	32
FFGEIDPSLMR	42	11	32
FVVTDDGGITR	62	10	32
GYYEIPSIGAIR	54	13	32
IDLYDVR	53	7	32
IIMLFTDGGEER	60	12	32
IKPVFIEDANFGR	43	13	32
INTQEYLDVLGR	83	12	32
KTPNNPSCNADLINR	72	15	32
LALAEK	43	7	32
LEETITQAR	67	9	32
MQEDLVTLAK	55	10	32
NREEDPSLLWQVFGSATGLAR	56	21	32
QLVEIAAR	33	8	32
QSCITEQTQYFFDNDSK	73	17	32
SGPGAYESGIMVSK	88	14	32
SQEPVTLDFLDAELENDIK	105	19	32
SYDYQSVCEPGAAPK	52	15	32
TASGVNQLVDIYEK	91	14	32
TPNNPSCNADLINR	97	14	32
VFTFSVGQHNYDR	64	13	32
VLLDAGFTNELVQNYWSK	107	18	32

VQAAHQWR	29	8	32
YQDLYTVEPNAR	53	13	32
YYPASPWVDNSR	47	12	32
GFSDCLLK	35	8	2
LGDSMANYPQGLDDK	64	15	2
QVQLVQSGAEVK	66	12	1
AEDTAVYYCVR	38	11	2
WLAWYQQKPGK	50	11	2
KSDVTETLVSGTQLSQLIEGLDR	54	23	7
LTHQIQELTLDTPYYFK	28	17	7
SDEGFYQCIAENDVGNAQAGAQLIILEHAPA1	63	41	7
VETQPEVQLPGPAPNLR	49	17	7
VIGQDVVLPCVASGLPTPTIK	38	21	7
VLPDPEVISDLVFLK	48	15	7
YYTIENLDPSSHYVITLK	51	18	7
DGEDQTQDTELVETRPAGDGTQK	39	24	2
FIAVGYVDDTQFVR	55	14	2
DTLMISR	45	7	14
EPQVYTLPPSR	77	11	14
EPQVYTLPPSREEMTK	64	16	14
FNWYVDGVEVHNAK	89	14	14
GFYPSDIAVEWESNGQPENNYK	92	22	14
GLEWVANIK	70	9	14
GTTVTVSSASTK	79	12	14
NQVSLTCLVK	60	10	14
NSLYLQMNSLR	71	11	14
STSGGTAALGCLVK	112	14	14
TPEVTCVVVDVSHEDPEVK	104	19	14
TTPPVLDSDGSFFLYSK	82	17	14
VVSVLTVLHQDWLNGKEYK	48	19	14
WQQGNVFSCSVMHEALHNHYTQK	41	23	14
ALPAPIEK	38	8	3
NTLYLQMNSLR	78	11	3
THTCPPCPAPELLGGPSVFLFPPKPK	36	26	3
APWIEQEGPEYWDR	52	14	2
WVAVVVPSGQEQR	43	13	2
FFESFGDLSSPDVVMGNPK	87	19	8
GTFSQLSELHCDK	48	13	8
LLGNVLVCVLAR	52	12	8
TAVNALWGK	66	9	8
VHLTPEEK	44	8	8
VNVDVGGGEALGR	83	13	8
VVAGVANALAHK	71	12	8
VVAGVANALAHKYH	82	14	8
ASGVQVADEVCR	47	12	2
YALYDASFETK	43	11	2
NTLYLQMNSLK	60	11	1
ESATITCLVTGFSPADVQWMQR	27	24	2
FTCTVTHDLPSPK	40	15	2
VGYYVSGWGQSDNFK	49	14	2
VVLHPNYHQVDIGLIK	55	16	2
AGVETTKPSK	64	10	2
ANPTVTLFPPSSEELQANK	63	19	2
DSGLFGQYLLTPAR	52	14	12
ESLFLINGR	55	9	12
FIVSAAADSPWLHVQEITVR	28	20	12

GEIQTLYDLQINSGISDLAFQR	27	22	12
LLVESLFR	58	8	12
NEVGVEDISSLFIEDSAR	91	19	12
QDLDEDLLGCSPGDLLR	75	17	12
QLLVDSVTDSVLGPNGDVTGTPHTSPDGR	54	29	12
SRPSLQVITEASTGQSQHLIR	27	21	12
TLANILWR	45	8	12
TPFAGVDDFFIPPTNLIINHIR	41	22	12
YIYVAQPALSR	46	11	12
FDHVITNMNNNYEPR	75	15	4
NSLLGMEGANSIFSGFLLFPDI 1Met(ox)	61	24	4
VPGLYYFTYHASSR	63	14	4
VVTFCDYAYNTFQVTTGGMVI 1Met(ox)	52	22	4
AAQVTIQSSGTFSSK	107	15	75
AFQPPFVELTMPYSVIR 1Met(ox)	79	17	75
AGAFCLSEDAAGLIGSSTASLR	111	21	75
AIGYLNTGYQR	54	11	75
ALLAYAFALAGNQDK	98	15	75
ALLAYAFALAGNQDKR	82	16	75
APVGHFYEPQAPSAEVENTSYVLLAYLTAQF	37	46	75
ATVLNLYLPK	53	9	75
AVDQSVLLMKPDAELSASSV 1Met(ox)	28	27	75
DLKPAIVK	33	8	75
DLTGFPGLNDQDDEDCINR	71	20	75
DMYSFLEDMGLK 1Met(ox)	80	12	75
DTVIKPLLVEPEGLEK	76	16	75
EEFPFALGVQTLRPQTCDEPK	77	20	75
EQAPHCICANGR	51	12	75
ETTFNSLLCPSGGEVSEELSLK	93	22	75
FEVQVTVPK	70	9	75
FQVDNNNR	48	8	75
FSGQLNSHGCFYQQVK	52	16	75
GGVEDEVTL SAYITIALLEIPLTVTHPVVR	40	30	75
GHFSISIPVK	35	10	75
GHFSISIPVKSDIAPVAR	29	18	75
GPTQEFK	53	7	75
GPTQEFKK	53	8	75
GVPIPNK	27	7	75
HN VYINGITYTPVSSTNEK	104	19	75
HN VYINGITYTPVSSTNEKDM 1Met(ox)	27	31	75
HYDGSYSTFGER	51	12	75
IAQWQSFQLEGGLK	100	14	75
KDTVIKPLLVEPEGLEK	34	17	75
KLSFYylimak 1Met(ox)	40	11	75
KYSDASDCHGEDSQAFCCK	102	19	75
LHTEAQIQEEGTVVLTGR	143	19	75
LLIYAVLPTGDVIGDSAK	59	18	75
LLLQQVSLPELPGEYSMK	75	18	75
LPPNVVEESAR	71	11	75
LSFYylimak	74	10	75
LVHVEEPHTETVR	71	13	75
LVHVEEPHTETVRK	36	14	75
MCPQLQQYEMHGPEGLR	30	17	75
MVSGFIPLKPTVK 1Met(ox)	44	13	75
NALFCLESAWK	56	11	75
NEDSLVVFVQTDK	103	12	75

NQGNTWLTAFLVK	85	13	75
PVPGHVTVSICR	49	12	75
QFSFPLSSEPFQGSYK	78	16	75
QGIPFFGQVR	58	10	75
QQNAQGGFSSTQDTVVALHALSK	66	23	75
QSSEITR	32	7	75
QTVSWAVTPK	63	10	75
RTTVMVK	27	7	75
SASNMAIVDVK	81	11	75
SDIAPVAR	37	8	75
SIYKPGQTVK	31	10	75
SLFTDLEAENDVLHCVAFAVPK	50	22	75
SLNEEAVKK	36	9	75
SSGSLLNNAIK	55	11	75
SSSNEEVMFLTVQVK	58	15	75
TAQEGDHGSHVYTK	61	14	75
TEHPFTVEEFVLPK	66	14	75
TEVSSNHVLIYLDK	82	14	75
TGTHGLLVK	34	9	75
VDLSFSPSQSLPASHAHLR	79	19	75
VGFYESDVMGR	96	11	75
VSNQTLSLFFTVLQDVPVR	71	19	75
VSVQLEASPAFLAVPVEK	76	18	75
VTAAPQSVCALR	58	12	75
VTGEGCVYLQTSLK	114	14	75
VVSMDENFHPLNELIPLVYIQDPK	32	24	75
VYDYYETDEFAIAEYNAPCSK	104	21	75
YDVENCLANK	59	10	75
YGAATFTR	43	8	75
YNILPEK	29	7	75
YNILPEKEEFPFALGVQTLPTCDEPK	33	27	75
YSDASDCHGEDSQAFCEK	84	18	75
GDGELSWEHSDGDIFR	42	16	3
LTCAFPVSPDSCCR	35	15	3
QPNQCTQCSCSEGNVYCGLK	81	20	3
LLIYDASR	32	8	2
LLIYDASSLESGVPSR	58	16	2
AVQPGETYTYK	48	11	8
DGTDYIEIIPK	70	11	8
DSNMPVDMR	33	9	8
HSLVLHK	30	7	8
MDDAVAPGR	48	9	8
SGPESPGSACR	28	11	8
SQHLDNFSNQIGK	63	13	8
VMYTQYEDESFTK	74	13	8
FVSQETGNLYIAK	62	13	4
IEVQFPETVPTAK	44	13	4
ITISEDGNLR	59	10	4
VGGDSAGDLMIR	75	12	4
ANVAVVSGAPLQGLVAR	64	17	3
FGDQVLQINGENCAGWSSDK	88	20	3
SIDNGIFVQLVQANSPASLVGLR	31	23	3
GVALHRPDVYLLPPAR	32	16	4
QIQVSWLR	35	8	4
QVGSGVTTDQVQAEAK	91	16	4
YVTSAPMPEPQAPGR	49	15	4

AEDTAVYYCAK	41	11	5
DGFFGNPR	36	8	5
VFAIPPSFASIFLTK	45	15	5
VSVFVPPR	39	8	5
YAATSQVLLPSK	42	12	5
AKIDQNVEELK	31	11	19
ALVQQMEQLR	81	10	19
DKVNSFFSTFK	58	11	19
EAVEHLQK	46	8	19
ENADSLQASLRPHADELK	44	18	19
IDQNVEELKGR	72	11	19
KLVPFATELHER	84	12	19
LGEVNTYAGDLQK	86	13	19
LKEEIGKELEELR	76	13	19
LNHQLEGLTFQMK	47	13	19
LVPFATELHER	61	11	19
QLTPYAQR	40	8	19
RQLTPYAQR	47	9	19
RVEPYGENFNK	58	11	19
TQVSTQAEQLR	59	11	19
TQVSTQAEQLRR	27	12	19
VEPYGENFNK	29	10	19
VKIDQTVEELR	30	11	19
VKIDQTVEELRR	42	12	19
LLIYAASSLQSGVPSR	43	16	2
NDLGWYQQKPGK	45	12	2
IVTTTGAVFAK	39	11	1
AASLDGFYNSR	71	11	4
EGPWSPESESPMLR	30	14	4
SPTHQAALR	38	9	4
VLGQYSGPR	64	9	4
ASQGISSYLAWYQQKPGK	47	18	2
LLIYAASLQSGVPSR	32	16	2
LLIYGVSSR	34	9	1
DNERPSGIPER	31	11	3
ITCSGDALPK	51	10	3
PGQAPVLVIYK	68	11	3
TLMNLGGLAVAR	46	12	2
YGINTTDIFQTVDLWEGK	40	18	2
LLGELLQDNAK	57	11	3
LVPVLSAK	41	8	3
SYELEDPGVK	43	11	3
DTWAFVGR	30	8	2
VEGYGSVCSCKDPTPIEFSPDPLPDNK	27	27	2
DYFPEPVTVSWNSGALTSGVHTFPAVLQSSV	29	49	4
TTPPVLDSDGSFFLYSR	73	17	4
YGPPCPSCPAPEFLGGPSVFLFPPK	27	25	4
YGPPCPSCPAPEFLGGPSVFLFPPKPK	34	27	4
ADLSGITGAR	91	10	15
AKWEMPFDPQDTHQSR	34	16	15
AVLDVFEEGTEASAATAVK	126	19	15
DEELSCTVVELK	73	12	15
DLDSQTMMLVNIYFFK	73	17	15
DYNLNDILLQLGIEEAFTSK	154	20	15
EIGELYLPK	28	9	15
EQLSLLDR	49	8	15

GTHVDLGLASANVDFAFSLYK	56	21	15
ITLLSALVETR	96	11	15
KLINDYVK	54	8	15
LYGSEAFATDFQDSAAAK	111	18	15
NLAVSQVVHK	73	10	15
RLYGSEAFATDFQDSAAAK	62	19	15
WEMPFDPQDTHQSR	46	14	15
DTSISTAYMELSR	61	13	2
SDDTAVYYCAR	62	11	2
AVLTIDEK	52	8	35
DTEEDFHVDQVTTVK	111	16	35
DTVFALVNYIFFK	72	13	35
ELDRDTV FALVNYIFFK	73	17	35
FLEDVKK	48	7	35
FLENEDR	39	7	35
FNKPFVFLMIEQNTK	69	15	35
GKWERPFEVK	30	10	35
GTEAAGAMFLEAIPMSIPPEV† 2Met(ox)	68	22	35
ITPNLAFAFSLYR	97	14	35
KLSSWVLLMK	60	10	35
KLYHSEFTVNFGDTEEAkk	65	20	35
KQINDYVEK	63	9	35
LGMFNIQHCK	59	10	35
LQHLENELTHDIITK	95	15	35
LSITGTyDLK	60	10	35
LSITGTyDLKSVLGQLGITK	30	20	35
LSSWVLLMK 1Met(ox)	65	9	35
LVDKFLEDVK	48	10	35
LVDKFLEDVKK	58	11	35
LYHSEFTVNFGDTEEAk	93	18	35
LYHSEFTVNFGDTEEAkk	85	19	35
QINDYVEK	40	8	35
RLGMFNIQHCK	31	11	35
RSASLHLPK	27	9	35
SASLHLPK	60	8	35
SPLFMGK	54	7	35
SVLGQLGITK	64	10	35
TDTSHHDQDHPTFNK	51	15	35
TLNQPDSQLQLTTGNGLFLSEGLK	121	24	35
VFSNGADLSGVTEEAPlK	133	18	35
VFSNGADLSGVTEEAPlKLSK	48	21	35
VVNPTQK	36	7	35
WERPFEVK	43	8	35
WERPFEVKDTEEDFHVDQVTTVK	27	24	35
AENFFILR	34	8	2
ELLLQPVTISR	43	11	2
DVCDPGNTK	28	9	30
EDFTSLSLVLYSR	47	13	30
ELPEHTVK	27	8	30
ELSSFIDK	37	8	30
ELSSFIDKGQELCADYSENTFTEYK	69	25	30
EVVSLTEACCAEGADPDcyDTR	123	22	30
EYANQFMWEYSTNYGQAPLSLLVSYTK	32	27	30
FPSGTFEQVSQLVK	70	14	30
GQELCADYSENTFTEYK	112	17	30
GQELCADYSENTFTEYKK	105	18	30

HLSLLTTLNR	76	11	30
HQPQEFTYVEPTNDEICEAFR	53	22	30
KELSSFIDK	51	9	30
KFPSGTFEQVSQLVK	94	15	30
KLCMAALK	69	8	30
LAQKVPTADLEDVLPLAEDITNILSK	33	26	30
LCDNLSTK	50	8	30
RSDFASNCCSINSPPLYCDSEIDAELK	54	27	30
RTHLPEVFLSK	47	11	30
SCESNSFPVHPGTAECCTK	77	20	30
SDFASNCCSINSPPLYCDSEIDAELK	92	26	30
SLGECCDVEDSTTCFNAK	122	18	30
SYLSMVGSCCTSASPTVCFLK	78	21	30
TAMDVFVCTYFMPAAQLPELF 1Met(ox)	58	29	30
THLPEVFLSK	44	10	30
VCSQYAAAYGEK	47	11	30
VLEPTLK	33	7	30
VMDKYTFELSR	74	11	30
VPTADLEDVLPLAEDITNILSK	95	22	30
YTFELSR	35	7	30
LLIYSNNQR	44	9	4
LLIYSNNQRPSGVPDR	43	16	4
LTVLSQPK	49	8	4
PSGVPDR	33	7	4
AYGILMATTSR	57	11	13
EGFQGCLASVDLNGR	82	15	13
EQGQPFQGLSGLYYNGLK	84	19	13
GPETLFAGYNLNDNEWHTVR	35	20	13
LAIGFSTVQK	46	10	13
LPDLISDALFCNGQIER	66	17	13
LTVNLDCIR	49	9	13
NGAVSLVINLGSGAFEALVEPVNGK	45	25	13
QLTIFNSQATIIIGGK	39	16	13
SGTISVNTLR	34	10	13
TGSISFDFR	62	9	13
TPYTAPGESEILDDELYLGGLPENK	89	27	13
VDSSSGLGDYLELHIHQGK	32	19	13
AVGDKLPECEADDGCPKPPEIAHGYVEHSVF	39	31	22
AVGDKLPECEAVCGK	35	15	22
AVGDKLPECEAVCGKPK	44	17	22
DIAPTLTLYVGKK	62	13	22
DYAEVGR	36	7	22
GSFPWQAK	50	8	22
HYEGSTVPEK	43	10	22
HYEGSTVPEKK	55	11	22
KQLVEIEK	72	8	22
LPECEADDGCPKPPEIAHGYVEHSVR	62	26	22
LPECEAVCGKPK	65	12	22
LRTEGDGVYTLNDK	83	14	22
LRTEGDGVYTLNNEK	96	15	22
NPANPVQR	43	8	22
QKVSNER	31	8	22
QLVEIEK	45	7	22
TEGDGVYTLNDK	92	12	22
TEGDGVYTLNDKK	62	13	22
VGYVSGWGR	57	9	22

VMPICLPSKDYAEVGR	1Met(ox)	40	16	22
VTSIQDWVQK		72	10	22
VVLHPNYSQVDIGLIK		53	16	22
ITYQPSTGEGNEQTTTIGGR		78	20	4
NLQPDTSYTVTVVPVYTEGDGGR		49	23	4
NVQVYNPTPNSLDVR		62	15	4
VEDIIEAINTFPYR		28	14	4
SWTAADTAAQITQR		99	14	2
WAAVVVPSGEEQR		43	13	2
ATLVCLVSDFYPGAVTVAWK		42	20	2
VGVETTKPSK		47	10	2
ATYFGSIVLLSPAVIDSPLK		73	20	5
FLEQELETITIPDLR		59	15	5
GAFFPLTER		36	9	5
SSVDELVGIDYSLMK	1Met(ox)	56	15	5
VPHDLDMLLR		29	10	5
ASSFLGEK		40	8	3
DSSTWLTAFLVK		60	12	3
LQETSNWLLSQQQADGSFQDPCPVLDLDR		64	27	3
DAQGQPQAVPVSGDLR		63	16	14
EEPPRPEFLEQPLLGEELTVTGVTDPDLR		27	28	14
FLLFGIQDGK		43	10	14
FLLYGLLGK		46	9	14
ILISGLEPSTPYR		31	13	14
LGELWVTDPTPDLR		46	15	14
LGPLSAEGTTGLAPAGQTSEESRPR		40	25	14
LSQLSVTDVTTSSLR		97	15	14
SGTLYSLTLYGLR		51	13	14
TLSPVLESPR		41	10	14
VSYQLADGGEPQSVQVDGQAR		105	21	14
VVWTAQPDTFAYFQLR		69	16	14
WTVPEGEFDSFVIQYK		69	16	14
YLVTLYGFSDGK		33	12	14
DDHGLFGLDVK		27	11	6
LEENYDNFYTVVTDRLPLDR		63	19	6
LTYEIVDGNDDHLFEIDPSSGEIR		42	24	6
NLNYSVPPEEQGAGTVIGNIGR		58	21	6
VLENSAPHLLDVDADSGLLYTK		32	22	6
VLGGGGTGGGGGLGGPGGSVPFK		82	23	6
DFMIQGGDFTR		62	11	9
DTNGSQFFITTVK		67	13	9
DVIIADCGK		66	9	9
HYGPGWVSMANAGK		29	14	9
IGDEDVGR		68	8	9
TAWLDGK		28	7	9
TVDNFVALATGEK		69	13	9
VIFGLFGK		37	8	9
VLEGMEVVR		56	9	9
EFTPPVQAAYQK		27	12	7
GTFATLSELHCDK		86	13	7
KVLGAFSDGLAHLNLK		68	17	7
LLGNVLVCVLAHHFGK		34	16	7
LLVVYPWTQR		67	10	7
VLGAFSDGLAHLNLK		82	16	7
VNVDEVGGEALGR		87	13	8
ANSFLGEK		53	8	3

LLATLCSAEVCQCAEGK	102	17	3
PVAFSVVPTAAAVSLK	73	17	3
CLLFSFLPASSINDMEK	36	17	6
EKGEIQNILQK	28	11	6
IYSGILNLSDITK	79	13	6
TSESGTPSSSTPQENTISGYSLLTCK	66	26	6
VLTPDAFVCR	30	10	6
VNIPLVTNEECQK	66	13	6
AVAFQDCPVDLFFVLDTSSESVALR	81	24	17
CGPIDLLFVLDSSSIGLQNFEIAK	105	25	17
CPDYTCPI TFSSPADITILLDGSASVGSNFD	55	35	17
DAEEAISQTIDTIVDMIK 1Met(ox)	112	18	17
DTTPLNVLCSPGIQVVSVGK	80	21	17
DVFD FIPGSDQLNVISCQGLAPSQGR	78	26	17
DVFD FIPGSDQLNVISCQGLAPSQGRPGLSL	34	33	17
ENYAELLEDAFLK	99	13	17
GDEGEAGDPGDDNNDIAPR	42	19	17
LSIIATDHTYR	51	11	17
NLVWNAGALHYSDEVEIIQGLTR	32	23	17
PGLSLVK	44	7	17
SLQWMAGGTFTGEALQYTR 1Met(ox)	79	19	17
TAEYDVAYGESHLFR	77	15	17
VFSVAITPDHLEPR	33	14	17
YLIVVTDGHPLEGYK	37	15	17
YLIVVTDGHPLEGYKEPCGGLEDAVNEAK	33	29	17
SAVQGPPDR	38	9	8
EKYL TWASR	37	9	8
KGDTFSCMVGHEALPLAFTQK	36	21	8
QEPSQGT TTFVTSILR	90	17	8
SAVQGPPER	52	9	8
TFTCTAAYPESK	49	12	8
VAAEDWK	33	7	8
WLQGSQELPR	76	10	8
KPGESLK	32	7	3
SISTAYLQWSSLK	50	13	3
YSPSFQGQVTISADK	65	15	3
AGGSWDLAVQER	31	12	3
LLNIQTYCAGPAYLK	40	15	3
WLVNQLSPR	65	9	3
ASQGISNSLAWYQQKPGK	58	18	2
LLLYAASR	48	8	2
ITTVAHTEVGPGPESSPVVVR	32	21	2
SGALQIESSEETDQGKYECVATNSAGVR	37	28	2
AEDTAVYYCAR	64	11	4
TPEVTCVVVDVSHEDPEVQFK	78	21	4
TPLGDTTHTCPR	58	12	4
WQQGNIFSCSVMHEALHNR	77	19	4
CPAPELLGGPSVFLFPPK	39	18	3
CPAPELLGGPSVFLFPPKPK	50	20	3
SCDTPPPCPR	53	10	3
AVDGFTFTEGDK	50	12	4
FFTCTAIGEPESIDWYNPQGEK	75	22	4
LTIYNANIEDAGIYR	110	15	4
YDCEAASR	46	8	4
LMIYEVSK	31	8	2
RPSGVPDR	28	8	2

ALDVGSGSGILTACFAR	64	17	3
ELVDDSINNVR	70	11	3
LILPVGPAAGNQMLEQYDK	50	19	3
FYFENLWSR	51	9	2
VTEQLIEAISNGDFESYTK	81	19	2
KGEELEEEWTPTEK	32	14	2
YLSPDATVSTEVR	72	13	2
GLEWVG FIR	58	9	2
SIAYLQMNSLK	34	11	2
AACLLPK	56	7	35
AAFECCQAADK	61	12	35
ADDKETCFAEEGK	41	13	35
AEFAEVSK	50	8	35
ALVLIAFAQYLQQCPFEDHVK	93	21	35
ATKEQLK	35	7	35
CCAAADPHECYAK	66	13	35
DDNPNLPR	58	8	35
DVFLGMFLYEYAR	78	13	35
ECCEKPLLEK	48	10	35
EFNAETFTFHADICTLSEK	117	19	35
FKDLGEENFK	68	10	35
FQNALLVR	73	8	35
HPDYSVLLLLR	63	11	35
HPYFYAPELLFFAK	67	14	35
KQTALVELVK	72	10	35
LCTVATLR	58	8	35
LDEL RDEGK	55	9	35
LKCA SLQK	40	8	35
LKECCEKPLLEK	57	12	35
LVNEVTEFAK	70	10	35
MPCAEDYLSVVLNQLCVLHEK	80	21	35
NECF LQHK	35	8	35
NLGKVGSK	31	8	35
PCFSALEVDETYVPK	81	15	35
PLVEEPQNLIK	44	11	35
QEPERNECF LQHK	33	13	35
QNC ELF EQLGEYK	92	13	35
QNC ELF EQLGEYKFQNALLVR	46	21	35
RMPCAEDYLSVVLNQLCVLHEK	59	22	35
SLHTLFGDK	57	9	35
SLHTLFGDKLCTVATLR	74	17	35
TCVADESAENCDK	99	13	35
VHTECCHGDLLECADDR	105	17	35
VPQVSTPTLVEVSR	92	14	35
AVWSPEPCTTCLCSDGR	33	17	6
CPQTVIPEGECCPVCSATEQR	65	21	6
FESFSSFPGVESYNVLP GK	38	20	6
IAPLAWINQENLESIDLSYNK	112	21	6
LPSGCSLSYR	55	10	6
VNENNLQAIDEESLSDLNQLVTLEEGNNLSI	33	44	6
AEGNNQAPGEEEEEEEEATNTHPPASLPSQ	28	31	4
EDSLEAGLPLQVR	67	13	4
RPEDQELESLSAIEAELEK	94	19	4
VAHQLQALR	36	9	4
NGDNVEAPPVYDSYEVEYLP IEGLLSSGK	42	29	3
IGPGDVLTFYDGDDLTAR	48	18	3

EPVCIAACGGVIR	47	13	3
GPEDLDPGAEGAGAQVELLPDR	71	22	2
GPEDLDPGAEGAGAQVELLPDRDPDSDGTK	38	30	2
EPQVYTLPPSRDELTK	38	16	3
GPSVFPLAPSSK	64	12	3
VVSVLTVLHQDWLNGK	89	16	3