Accession	Entry Name	Protein Name
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00350	6PGD_ECOLI	6-phosphogluconate dehydrogenase, decarboxylating
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P0ABD5	ACCA_ECOLI	Acetyl-coenzyme A carboxylase carboxyl transferase subun
P0ABD5	ACCA_ECOLI	Acetyl-coenzyme A carboxylase carboxyl transferase subun
P0ABD5	ACCA_ECOLI	Acetyl-coenzyme A carboxylase carboxyl transferase subun
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase

P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A9G6	ACEA_ECOLI	Isocitrate lyase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P25516	ACON1_ECOI	Aconitate hydratase 1
P36683	ACON2_ECOI	Aconitate hydratase 2
P36683	ACON2_ECOI	Aconitate hydratase 2
P36683	ACON2_ECOI	Aconitate hydratase 2
P36683	ACON2_ECOI	Aconitate hydratase 2
P22333	ADD_ECOLI	Adenosine deaminase
P22333	ADD_ECOLI	Adenosine deaminase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase

P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0A9Q7	ADHE_ECOLI	Aldehyde-alcohol dehydrogenase
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P35340	AHPF_ECOLI	Alkyl hydroperoxide reductase subunit F
P35340	AHPF_ECOLI	Alkyl hydroperoxide reductase subunit F
P35340	AHPF_ECOLI	Alkyl hydroperoxide reductase subunit F
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB

P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P33224	AIDB_ECOLI	Protein AidB
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0AB71	ALF_ECOLI	Fructose-bisphosphate aldolase class 2
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1
P0A991	ALF1_ECOLI	Fructose-bisphosphate aldolase class 1

P0A955	ALKH_ECOLI	KHG/KDPG aldolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P77425	ALLC_ECOLI	Allantoate amidohydrolase
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional repressor AllR
P36548	AMIA_ECOLI	Probable N-acetylmuramoyl-L-alanine amidase AmiA
P36548	AMIA_ECOLI	Probable N-acetylmuramoyl-L-alanine amidase AmiA
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P63883	AMIC_ECOLI	N-acetylmuramoyl-L-alanine amidase AmiC
P68767	AMPA_ECOLI	Cytosol aminopeptidase
P68767	AMPA_ECOLI	Cytosol aminopeptidase
P0AE18	AMPM_ECOLI	Methionine aminopeptidase
P04825	AMPN_ECOLI	Aminopeptidase N
P04825	AMPN_ECOLI	Aminopeptidase N
P69503	APT_ECOLI	Adenine phosphoribosyltransferase
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA

P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A6D7	AROK_ECOLI	Shikimate kinase 1
P0A6D7	AROK_ECOLI	Shikimate kinase 1
P0A6D7	AROK_ECOLI	Shikimate kinase 1
P0A6D7	AROK_ECOLI	Shikimate kinase 1
P0A6D7	AROK_ECOLI	Shikimate kinase 1
P00963	ASNA_ECOLI	Aspartate--ammonia ligase
P00963	ASNA_ECOLI	Aspartate--ammonia ligase
P00963	ASNA_ECOLI	Aspartate--ammonia ligase
P00963	ASNA_ECOLI	Aspartate--ammonia ligase
P00805	ASPG2_ECOL	L-asparaginase 2
P00805	ASPG2_ECOL	L-asparaginase 2
P00805	ASPG2_ECOL	L-asparaginase 2
P00805	ASPG2_ECOL	L-asparaginase 2
P00805	ASPG2_ECOL	L-asparaginase 2
P00805	ASPG2_ECOL	L-asparaginase 2
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB0	ATPA_ECOLI	ATP synthase subunit alpha
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABB4	ATPB_ECOLI	ATP synthase subunit beta
P0ABA0	ATPF_ECOLI	ATP synthase subunit b
P0ABA0	ATPF_ECOLI	ATP synthase subunit b
P0ABD3	BFR_ECOLI	Bacterioferritin
P0ABD3	BFR_ECOLI	Bacterioferritin
P0ABD3	BFR_ECOLI	Bacterioferritin
P0ABD3	BFR_ECOLI	Bacterioferritin
P21179	CATE_ECOLI	Catalase HPII
P21179	CATE_ECOLI	Catalase HPII

P21179	CATE_ECOLI	Catalase HPII
P21179	CATE_ECOLI	Catalase HPII
P21179	CATE_ECOLI	Catalase HPII
P21179	CATE_ECOLI	Catalase HPII
P21179	CATE_ECOLI	Catalase HPII
P36659	CBPA_ECOLI	Curved DNA-binding protein
P36659	CBPA_ECOLI	Curved DNA-binding protein
P36659	CBPA_ECOLI	Curved DNA-binding protein
P0ABF6	CDD_ECOLI	Cytidine deaminase
P0ABF6	CDD_ECOLI	Cytidine deaminase
P0ABF6	CDD_ECOLI	Cytidine deaminase
P0ABF6	CDD_ECOLI	Cytidine deaminase
P0ABF6	CDD_ECOLI	Cytidine deaminase
P0A6F9	CH10_ECOLI	10 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin

P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0A6F5	CH60_ECOLI	60 kDa chaperonin
P0ABH7	CISY_ECOLI	Citrate synthase
P0ABH7	CISY_ECOLI	Citrate synthase
P0ABH7	CISY_ECOLI	Citrate synthase
P0ABH7	CISY_ECOLI	Citrate synthase
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA

P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P0ABH9	CLPA_ECOLI	ATP-dependent Clp protease ATP-binding subunit clpA
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P63284	CLPB_ECOLI	Chaperone protein clpB
P0ACJ8	CRP_ECOLI	Catabolite gene activator
P0ACJ8	CRP_ECOLI	Catabolite gene activator
P0ACJ8	CRP_ECOLI	Catabolite gene activator
P0ACJ8	CRP_ECOLI	Catabolite gene activator
P0ABJ9	CYDA_ECOLI	Cytochrome d ubiquinol oxidase subunit 1
P0ABJ9	CYDA_ECOLI	Cytochrome d ubiquinol oxidase subunit 1
P0ABJ9	CYDA_ECOLI	Cytochrome d ubiquinol oxidase subunit 1
P0ABJ9	CYDA_ECOLI	Cytochrome d ubiquinol oxidase subunit 1
P0ABJ9	CYDA_ECOLI	Cytochrome d ubiquinol oxidase subunit 1
P00816	CYNS_ECOLI	Cyanate hydratase

P00816	CYNS_ECOLI	Cyanate hydratase
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0A9F3	CYSB_ECOLI	HTH-type transcriptional regulator cysB
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P0ABK5	CYSK_ECOLI	Cysteine synthase A
P16700	CYSP_ECOLI	Thiosulfate-binding protein
P0A6L2	DAPA_ECOLI	Dihydrodipicolinate synthase
P0A6L2	DAPA_ECOLI	Dihydrodipicolinate synthase
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltran
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltran
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltran
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltran
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltran

P0A6K1	DAPF_ECOLI	Diaminopimelate epimerase
P0A6K1	DAPF_ECOLI	Diaminopimelate epimerase
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-alpha
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-alpha
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-alpha
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-alpha
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-alpha
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P69908	DCEA_ECOLI	Glutamate decarboxylase alpha
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0AED9	DCM_ECOLI	DNA-cytosine methyltransferase
P0A6J8	DDLA_ECOLI	D-alanine--D-alanine ligase A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A

P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A
P0A9P6   DEAD_ECOLI Cold-shock DEAD box protein A

P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box protein A
P0A6K3	DEF_ECOLI	Peptide deformylase
P0C0V0	DEGP_ECOLI	Protease do
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6K6	DEOB_ECOLI	Phosphopentomutase
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate aldolase
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate aldolase
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate aldolase
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate aldolase
P0ABP8	DEOD_ECOLI	Purine nucleoside phosphorylase deoD-type
P0ABP8	DEOD_ECOLI	Purine nucleoside phosphorylase deoD-type
P0ABP8	DEOD_ECOLI	Purine nucleoside phosphorylase deoD-type
P0ABP8	DEOD_ECOLI	Purine nucleoside phosphorylase deoD-type
P76015	DHAK_ECOLI	PTS-dependent dihydroxyacetone kinase, dihydroxyaceton
P76015	DHAK_ECOLI	PTS-dependent dihydroxyacetone kinase, dihydroxyaceton
P76015	DHAK_ECOLI	PTS-dependent dihydroxyacetone kinase, dihydroxyaceton
P37349	DHAM_ECOL	PTS-dependent dihydroxyacetone kinase, phosphotransfer
P00393	DHNA_ECOLI	NADH dehydrogenase
P00393	DHNA_ECOLI	NADH dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase

P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
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P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
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P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
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P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase
P0A9P0　DLDH_ECOLI　Dihydrolipoyl dehydrogenase

P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydrogenase
P0AEE8	DMA_ECOLI	DNA adenine methylase
P0AEE8	DMA_ECOLI	DNA adenine methylase
P0AEE8	DMA_ECOLI	DNA adenine methylase
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P08622	DNAJ_ECOLI	Chaperone protein dnaJ
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK

P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0A988	DPO3B_ECOLI	DNA polymerase III subunit beta
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
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P0ABT2	DPS_ECOLI	DNA protection during starvation protein

P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
P23827	ECOT_ECOLI	Ecotin
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6M8	EFG_ECOLI	Elongation factor G
P0A6N4	EFP_ECOLI	Elongation factor P
P0A6P1	EFTS_ECOLI	Elongation factor Ts

P0A6P1	EFTS_ECOLI	Elongation factor Ts
P0A6P1	EFTS_ECOLI	Elongation factor Ts
P0A6P1	EFTS_ECOLI	Elongation factor Ts
P0A6P1	EFTS_ECOLI	Elongation factor Ts
P0A6P1	EFTS_ECOLI	Elongation factor Ts
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1

P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1
P0A6P7	ENGB_ECOLI	Probable GTP-binding protein engB
P0A6P7	ENGB_ECOLI	Probable GTP-binding protein engB
P0A6P7	ENGB_ECOLI	Probable GTP-binding protein engB
P0A6P7	ENGB_ECOLI	Probable GTP-binding protein engB
P0A6P7	ENGB_ECOLI	Probable GTP-binding protein engB
P0ABU2	ENGD_ECOLI	GTP-dependent nucleic acid-binding protein engD
P0ABU2	ENGD_ECOLI	GTP-dependent nucleic acid-binding protein engD
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6P9	ENO_ECOLI	Enolase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 1

P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
P0AAI5	FABF_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 2
P0AEK4	FABI_ECOLI	Enoyl-[acyl-carrier-protein] reductase [NADH]
P0A6Q6	FABZ_ECOLI	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
P0A6Q6	FABZ_ECOLI	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
P0A6Q6	FABZ_ECOLI	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
P0A6Q6	FABZ_ECOLI	(3R)-hydroxymyristoyl-[acyl-carrier-protein] dehydratase
P32176	FDOG_ECOLI	Formate dehydrogenase-O major subunit
P04128	FIMA1_ECOL	Type-1 fimbrial protein, A chain
P08189	FIMF_ECOLI	Protein fimF
P08191	FIMH_ECOLI	Protein fimH
P08191	FIMH_ECOLI	Protein fimH
P0A6R3	FIS_ECOLI	DNA-binding protein fis
P0A6R3	FIS_ECOLI	DNA-binding protein fis
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase
P61949	FLAV_ECOLI	Flavodoxin-1
P00363	FRDA_ECOLI	Fumarate reductase flavoprotein subunit
P00363	FRDA_ECOLI	Fumarate reductase flavoprotein subunit
P45544	FRLR_ECOLI	HTH-type transcriptional regulator frlR
P45544	FRLR_ECOLI	HTH-type transcriptional regulator frlR
P45544	FRLR_ECOLI	HTH-type transcriptional regulator frlR
P0A998	FTNA_ECOLI	Ferritin-1
P0A998	FTNA_ECOLI	Ferritin-1
P46889	FTSK_ECOLI	DNA translocase ftsK
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P14407	FUMB_ECOLI	Fumarate hydratase class I, anaerobic
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A

P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosphate dehydrogenase A
P0AC53	G6PD_ECOLI	Glucose-6-phosphate 1-dehydrogenase
P0AC53	G6PD_ECOLI	Glucose-6-phosphate 1-dehydrogenase
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P63235	GADC_ECOLI	Probable glutamate/gamma-aminobutyrate antiporter
P63235	GADC_ECOLI	Probable glutamate/gamma-aminobutyrate antiporter
P37639	GADX_ECOLI	HTH-type transcriptional regulator gadX
P37639	GADX_ECOLI	HTH-type transcriptional regulator gadX
P37639	GADX_ECOLI	HTH-type transcriptional regulator gadX
P37639	GADX_ECOLI	HTH-type transcriptional regulator gadX
P0C8J6	GATY_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatY
P0C8J6	GATY_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatY
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatZ
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatZ
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatZ
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosphate aldolase subunit gatZ
P33195	GCSP_ECOLI	Glycine dehydrogenase [decarboxylating]
P33195	GCSP_ECOLI	Glycine dehydrogenase [decarboxylating]
P75913	GHRA_ECOLI	Glyoxylate/hydroxypyruvate reductase A
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase

P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase
P37747	GLF_ECOLI	UDP-galactopyranose mutase
P0A6V8	GLK_ECOLI	Glucokinase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0A9C5	GLNA_ECOLI	Glutamine synthetase
P0AEQ3	GLNH_ECOLI	Glutamine-binding periplasmic protein
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosphate dehydrogenase

P0A6F3	GLPK_ECOLI	Glycerol kinase
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0AC59	GLRX2_ECOL	Glutaredoxin-2
P0AC59	GLRX2_ECOL	Glutaredoxin-2
P0AC59	GLRX2_ECOL	Glutaredoxin-2
P0AC59	GLRX2_ECOL	Glutaredoxin-2
P0AC69	GLRX4_ECOL	Glutaredoxin-4
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mu
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mu
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mu
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate m
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate m
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate m
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate m
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor

P09372	GRPE_ECOLI	Protein grpE
P09372	GRPE_ECOLI	Protein grpE
P09372	GRPE_ECOLI	Protein grpE
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES6	GYRB_ECOLI	DNA gyrase subunit B
P0AES6	GYRB_ECOLI	DNA gyrase subunit B
P31658	HCHA_ECOLI	Chaperone protein hchA
P31658	HCHA_ECOLI	Chaperone protein hchA
P31658	HCHA_ECOLI	Chaperone protein hchA
P31658	HCHA_ECOLI	Chaperone protein hchA
P0A8R9	HDFR_ECOLI	HTH-type transcriptional regulator hdfR
P0A8R9	HDFR_ECOLI	HTH-type transcriptional regulator hdfR
P0A8R9	HDFR_ECOLI	HTH-type transcriptional regulator hdfR
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P15038	HELD_ECOLI	Helicase IV
P0A6X3	HFQ_ECOLI	Protein hfq
P0A6X3	HFQ_ECOLI	Protein hfq
P0A6X3	HFQ_ECOLI	Protein hfq
P0A6X3	HFQ_ECOLI	Protein hfq
P0A6X3	HFQ_ECOLI	Protein hfq
P0A6X3	HFQ_ECOLI	Protein hfq
P06987	HIS7_ECOLI	Histidine biosynthesis bifunctional protein hisB
P06987	HIS7_ECOLI	Histidine biosynthesis bifunctional protein hisB
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase

P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-heptose-6-epimerase
P08715	HLYAC_ECOLI	Hemolysin, plasmid
P0ACF8	HNS_ECOLI	DNA-binding protein H-NS
P0ACF8	HNS_ECOLI	DNA-binding protein H-NS
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA

P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P43329	HRPA_ECOLI	ATP-dependent RNA helicase hrpA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin
P0ACG8	HSLR_ECOLI	Heat shock protein 15
P0ACG8	HSLR_ECOLI	Heat shock protein 15
P0ACG8	HSLR_ECOLI	Heat shock protein 15
P0ACG8	HSLR_ECOLI	Heat shock protein 15
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6H5	HSLU_ECOLI	ATP-dependent protease ATPase subunit HslU
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG

P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P16528	ICLR_ECOLI	Acetate operon repressor
P16528	ICLR_ECOLI	Acetate operon repressor
P16528	ICLR_ECOLI	Acetate operon repressor
P16528	ICLR_ECOLI	Acetate operon repressor
P08200	IDH_ECOLI	Isocitrate dehydrogenase [NADP]
P08200	IDH_ECOLI	Isocitrate dehydrogenase [NADP]
P08200	IDH_ECOLI	Isocitrate dehydrogenase [NADP]
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P69222	IF1_ECOLI	Translation initiation factor IF-1
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2

P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2

P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A705	IF2_ECOLI	Translation initiation factor IF-2
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A707	IF3_ECOLI	Translation initiation factor IF-3
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha

P0A6X7	IHFA_ECOLI	Integration host factor subunit alpha
P0A6Y1	IHFB_ECOLI	Integration host factor subunit beta
P0A6Y1	IHFB_ECOLI	Integration host factor subunit beta
P0A6Y1	IHFB_ECOLI	Integration host factor subunit beta
P0A6Y1	IHFB_ECOLI	Integration host factor subunit beta
P0A6Y1	IHFB_ECOLI	Integration host factor subunit beta
P37326	INTS_ECOLI	Putative prophage CPS-53 integrase
P37326	INTS_ECOLI	Putative prophage CPS-53 integrase
P37326	INTS_ECOLI	Putative prophage CPS-53 integrase
P37326	INTS_ECOLI	Putative prophage CPS-53 integrase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A6B7	ISCS_ECOLI	Cysteine desulfurase
P0A6B7	ISCS_ECOLI	Cysteine desulfurase
P0A6B7	ISCS_ECOLI	Cysteine desulfurase
P0A6B7	ISCS_ECOLI	Cysteine desulfurase
P0A6B7	ISCS_ECOLI	Cysteine desulfurase
P69441	KAD_ECOLI	Adenylate kinase
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
P77338	KEFA_ECOLI	Potassium efflux system KefA
Q52313	KORB1_ECOL	Transcriptional repressor protein korB
P0A717	KPRS_ECOLI	Ribose-phosphate pyrophosphokinase
P0A717	KPRS_ECOLI	Ribose-phosphate pyrophosphokinase
P0A717	KPRS_ECOLI	Ribose-phosphate pyrophosphokinase
P0A717	KPRS_ECOLI	Ribose-phosphate pyrophosphokinase
P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P0AD61	KPYK1_ECOLI	Pyruvate kinase I

P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P0AD61	KPYK1_ECOLI	Pyruvate kinase I
P21599	KPYK2_ECOLI	Pyruvate kinase II
P21599	KPYK2_ECOLI	Pyruvate kinase II
P21599	KPYK2_ECOLI	Pyruvate kinase II
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La

P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P0A9M0	LON_ECOLI	ATP-dependent protease La
P10441	LPXB_ECOLI	Lipid-A-disaccharide synthase
P10441	LPXB_ECOLI	Lipid-A-disaccharide synthase

P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransfera
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransfera
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransfera
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransfera
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransfera
P0ACJ0	LRP_ECOLI	Leucine-responsive regulatory protein
P0ACJ0	LRP_ECOLI	Leucine-responsive regulatory protein
P0ACJ0	LRP_ECOLI	Leucine-responsive regulatory protein
P0ACJ0	LRP_ECOLI	Leucine-responsive regulatory protein
P0ACJ0	LRP_ECOLI	Leucine-responsive regulatory protein
P03030	LYSR_ECOLI	Transcriptional activator protein lysR
P03030	LYSR_ECOLI	Transcriptional activator protein lysR
P03030	LYSR_ECOLI	Transcriptional activator protein lysR
P03030	LYSR_ECOLI	Transcriptional activator protein lysR
P03030	LYSR_ECOLI	Transcriptional activator protein lysR
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P68187	MALK_ECOLI	Maltose/maltodextrin import ATP-binding protein MalK
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase

P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P15977	MALQ_ECOLI	4-alpha-glucanotransferase
P00946	MANA_ECOL	Mannose-6-phosphate isomerase
P00946	MANA_ECOL	Mannose-6-phosphate isomerase
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P08997	MASY_ECOLI	Malate synthase A
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large chain
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase
P61889	MDH_ECOLI	Malate dehydrogenase

P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0ABU0	MENB_ECOLI	Naphthoate synthase
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ9	MOAB_ECOL	Molybdenum cofactor biosynthesis protein B
P0AEZ9	MOAB_ECOL	Molybdenum cofactor biosynthesis protein B
P0AEZ9	MOAB_ECOL	Molybdenum cofactor biosynthesis protein B
P12281	MOEA_ECOLI	Molybdopterin molybdenumtransferase
P22186	MRAZ_ECOLI	Protein mraZ
P22186	MRAZ_ECOLI	Protein mraZ
P0C0S1	MSCS_ECOLI	Small-conductance mechanosensitive channel
P0C0S1	MSCS_ECOLI	Small-conductance mechanosensitive channel
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P09424	MTLD_ECOLI	Mannitol-1-phosphate 5-dehydrogenase
P09424	MTLD_ECOLI	Mannitol-1-phosphate 5-dehydrogenase
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor
P0AF20	NAGC_ECOLI	N-acetylglucosamine repressor

P0A6L4	NANA_ECOLI	N-acetylneuraminate lyase
P0A8W0	NANR_ECOLI	Transcriptional regulator nanR
P0A8W0	NANR_ECOLI	Transcriptional regulator nanR
P0A8W0	NANR_ECOLI	Transcriptional regulator nanR
P0A8W0	NANR_ECOLI	Transcriptional regulator nanR
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P09152	NARG_ECOLI	Respiratory nitrate reductase 1 alpha chain
P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chapero
P63020	NFUA_ECOLI	Fe/S biogenesis protein nfuA
P0AF63	NSRR_ECOLI	HTH-type transcriptional repressor nsrR
P0AF63	NSRR_ECOLI	HTH-type transcriptional repressor nsrR
P31979	NUOF_ECOLI	NADH-quinone oxidoreductase subunit F
P31979	NUOF_ECOLI	NADH-quinone oxidoreductase subunit F
P31979	NUOF_ECOLI	NADH-quinone oxidoreductase subunit F
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P0AFF6	NUSA_ECOLI	Transcription elongation protein nusA
P0AFG6	ODO2_ECOLI	Dihydrolipoyllysine-residue succinyltransferase component
P0AFG6	ODO2_ECOLI	Dihydrolipoyllysine-residue succinyltransferase component
P0AFG6	ODO2_ECOLI	Dihydrolipoyllysine-residue succinyltransferase component
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase E1 component
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase E1 component
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase E1 component
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase E1 component
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P0AFG8　ODP1_ECOLI Pyruvate dehydrogenase E1 component
P0AFG8　ODP1_ECOLI Pyruvate dehydrogenase E1 component
P0AFG8　ODP1_ECOLI Pyruvate dehydrogenase E1 component
P0AFG8　ODP1_ECOLI Pyruvate dehydrogenase E1 component
P06959　ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959　ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959　ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959　ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959 ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959 ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959 ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
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P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P06959   ODP2_ECOLI Dihydrolipoyllysine-residue acetyltransferase component c
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A
P0A910   OMPA_ECOL Outer membrane protein A

P0A910	OMPA_ECOLI	Outer membrane protein A
P06996	OMPC_ECOLI	Outer membrane protein C
P06996	OMPC_ECOLI	Outer membrane protein C
P06996	OMPC_ECOLI	Outer membrane protein C
P06996	OMPC_ECOLI	Outer membrane protein C
P33136	OPGG_ECOLI	Glucans biosynthesis protein G
P33136	OPGG_ECOLI	Glucans biosynthesis protein G
P23843	OPPA_ECOLI	Periplasmic oligopeptide-binding protein
P23843	OPPA_ECOLI	Periplasmic oligopeptide-binding protein
P23843	OPPA_ECOLI	Periplasmic oligopeptide-binding protein
P23843	OPPA_ECOLI	Periplasmic oligopeptide-binding protein
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC
P31677	OTSA_ECOLI	Alpha,alpha-trehalose-phosphate synthase [UDP-forming]
P0ACQ4	OXYR_ECOLI	Hydrogen peroxide-inducible genes activator
P0ACQ4	OXYR_ECOLI	Hydrogen peroxide-inducible genes activator
P0ACQ4	OXYR_ECOLI	Hydrogen peroxide-inducible genes activator
P0ACQ4	OXYR_ECOLI	Hydrogen peroxide-inducible genes activator
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P0AFI2	PARC_ECOLI	DNA topoisomerase 4 subunit A
P02919	PBPB_ECOLI	D-ribose-binding periplasmic protein
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase

P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ABF1	PCNB_ECOLI	Poly(A) polymerase
P0ACL9	PDHR_ECOLI	Pyruvate dehydrogenase complex repressor
P0ACL9	PDHR_ECOLI	Pyruvate dehydrogenase complex repressor
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase
P29745	PEPT_ECOLI	Peptidase T
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1

P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P09373	PFLB_ECOLI	Formate acetyltransferase 1
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A9K3	PHOL_ECOLI	PhoH-like protein
P0A9K3	PHOL_ECOLI	PhoH-like protein
P0A9K3	PHOL_ECOLI	PhoH-like protein
P0A9K3	PHOL_ECOLI	PhoH-like protein
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase
P00490	PHSM_ECOLI	Maltodextrin phosphorylase

P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
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P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
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P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
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P00490   PHSM_ECOLI Maltodextrin phosphorylase
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P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P00490   PHSM_ECOLI Maltodextrin phosphorylase
P0AFK0   PMBA_ECOLI Protein pmbA

P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P05055	PNP_ECOLI	Polyribonucleotide nucleotidyltransferase
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans isomerase B
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase

P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P0A7B1	PPK_ECOLI	Polyphosphate kinase
P23862	PRIC_ECOLI	Primosomal replication protein N''
P23862	PRIC_ECOLI	Primosomal replication protein N''
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase

P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P0A9M8	PTA_ECOLI	Phosphate acetyltransferase
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA componer
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA componer
P0AA04	PTHP_ECOLI	Phosphocarrier protein HPr
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69797	PTNAB_ECOL	PTS system mannose-specific EIIAB component
P69795	PTQB_ECOLI	N,N'-diacetylchitobiose-specific phosphotransferase enzym
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase
P0A7D4	PURA_ECOLI	Adenylosuccinate synthetase

P0A7D4 PURA_ECOLI Adenylosuccinate synthetase
P0A7D4 PURA_ECOLI Adenylosuccinate synthetase
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P09546 PUTA_ECOLI Bifunctional protein putA
P28304 QOR1_ECOLI Quinone oxidoreductase 1
P28304 QOR1_ECOLI Quinone oxidoreductase 1
P60240 RAPA_ECOLI RNA polymerase-associated protein rapA
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P0A7G2 RBFA_ECOLI Ribosome-binding factor A
P69407 RCSB_ECOLI Capsular synthesis regulator component B
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P0A7G6 RECA_ECOLI Protein recA
P07012 RF2_ECOLI Peptide chain release factor 2

P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P27127	RFAB_ECOLI	Lipopolysaccharide 1,6-galactosyltransferase
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P25888	RHLE_ECOLI	ATP-dependent RNA helicase rhlE
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0AG30	RHO_ECOLI	Transcription termination factor rho
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM

P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A7X6	RIMM_ECOLI	Ribosome maturation factor rimM
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A8A8	RIMP_ECOLI	Ribosome maturation factor rimP
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7L0	RL1_ECOLI	50S ribosomal protein L1
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J3	RL10_ECOLI	50S ribosomal protein L10
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0A7J7	RL11_ECOLI	50S ribosomal protein L11
P0AA10	RL13_ECOLI	50S ribosomal protein L13
P0AA10	RL13_ECOLI	50S ribosomal protein L13

P0AA10	RL13_ECOLI	50S ribosomal protein L13
P0AA10	RL13_ECOLI	50S ribosomal protein L13
P0AA10	RL13_ECOLI	50S ribosomal protein L13
P0ADY3	RL14_ECOLI	50S ribosomal protein L14
P0ADY3	RL14_ECOLI	50S ribosomal protein L14
P0ADY3	RL14_ECOLI	50S ribosomal protein L14
P0ADY3	RL14_ECOLI	50S ribosomal protein L14
P0ADY3	RL14_ECOLI	50S ribosomal protein L14
P02413	RL15_ECOLI	50S ribosomal protein L15
P02413	RL15_ECOLI	50S ribosomal protein L15
P02413	RL15_ECOLI	50S ribosomal protein L15
P02413	RL15_ECOLI	50S ribosomal protein L15
P02413	RL15_ECOLI	50S ribosomal protein L15
P02413	RL15_ECOLI	50S ribosomal protein L15
P0ADY7	RL16_ECOLI	50S ribosomal protein L16
P0ADY7	RL16_ECOLI	50S ribosomal protein L16
P0ADY7	RL16_ECOLI	50S ribosomal protein L16
P0ADY7	RL16_ECOLI	50S ribosomal protein L16
P0ADY7	RL16_ECOLI	50S ribosomal protein L16
P0AG44	RL17_ECOLI	50S ribosomal protein L17
P0AG44	RL17_ECOLI	50S ribosomal protein L17
P0AG44	RL17_ECOLI	50S ribosomal protein L17
P0AG44	RL17_ECOLI	50S ribosomal protein L17
P0AG44	RL17_ECOLI	50S ribosomal protein L17
P0A7K6	RL19_ECOLI	50S ribosomal protein L19
P0A7K6	RL19_ECOLI	50S ribosomal protein L19
P0A7K6	RL19_ECOLI	50S ribosomal protein L19
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2

P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P60422	RL2_ECOLI	50S ribosomal protein L2
P0A7L3	RL20_ECOLI	50S ribosomal protein L20
P0A7L3	RL20_ECOLI	50S ribosomal protein L20
P0A7L3	RL20_ECOLI	50S ribosomal protein L20
P0A7L3	RL20_ECOLI	50S ribosomal protein L20
P0AG48	RL21_ECOLI	50S ribosomal protein L21
P0AG48	RL21_ECOLI	50S ribosomal protein L21
P61175	RL22_ECOLI	50S ribosomal protein L22
P61175	RL22_ECOLI	50S ribosomal protein L22
P61175	RL22_ECOLI	50S ribosomal protein L22
P61175	RL22_ECOLI	50S ribosomal protein L22
P61175	RL22_ECOLI	50S ribosomal protein L22
P61175	RL22_ECOLI	50S ribosomal protein L22
P60624	RL24_ECOLI	50S ribosomal protein L24
P60624	RL24_ECOLI	50S ribosomal protein L24
P60624	RL24_ECOLI	50S ribosomal protein L24
P60624	RL24_ECOLI	50S ribosomal protein L24
P60624	RL24_ECOLI	50S ribosomal protein L24
P68919	RL25_ECOLI	50S ribosomal protein L25
P68919	RL25_ECOLI	50S ribosomal protein L25
P68919	RL25_ECOLI	50S ribosomal protein L25
P60438	RL3_ECOLI	50S ribosomal protein L3
P60438	RL3_ECOLI	50S ribosomal protein L3
P60438	RL3_ECOLI	50S ribosomal protein L3
P0AG51	RL30_ECOLI	50S ribosomal protein L30
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P0AG51	RL30_ECOLI	50S ribosomal protein L30
P0AG51	RL30_ECOLI	50S ribosomal protein L30
P0AG51	RL30_ECOLI	50S ribosomal protein L30
P0A7N9	RL33_ECOLI	50S ribosomal protein L33
P0A7N9	RL33_ECOLI	50S ribosomal protein L33
P60723	RL4_ECOLI	50S ribosomal protein L4
P60723	RL4_ECOLI	50S ribosomal protein L4
P60723	RL4_ECOLI	50S ribosomal protein L4

P60723	RL4_ECOLI	50S ribosomal protein L4
P60723	RL4_ECOLI	50S ribosomal protein L4
P60723	RL4_ECOLI	50S ribosomal protein L4
P62399	RL5_ECOLI	50S ribosomal protein L5
P62399	RL5_ECOLI	50S ribosomal protein L5
P62399	RL5_ECOLI	50S ribosomal protein L5
P62399	RL5_ECOLI	50S ribosomal protein L5
P62399	RL5_ECOLI	50S ribosomal protein L5
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P62399	RL5_ECOLI	50S ribosomal protein L5
P0AG55	RL6_ECOLI	50S ribosomal protein L6
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P0AG55	RL6_ECOLI	50S ribosomal protein L6
P0AG55	RL6_ECOLI	50S ribosomal protein L6
P0AG55	RL6_ECOLI	50S ribosomal protein L6
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P0AG55	RL6_ECOLI	50S ribosomal protein L6
P0AG55	RL6_ECOLI	50S ribosomal protein L6
P0AG55	RL6_ECOLI	50S ribosomal protein L6
P0A7K2	RL7_ECOLI	50S ribosomal protein L7/L12
P0A7K2	RL7_ECOLI	50S ribosomal protein L7/L12
P0A7K2	RL7_ECOLI	50S ribosomal protein L7/L12
P0A7K2	RL7_ECOLI	50S ribosomal protein L7/L12
P0A7K2	RL7_ECOLI	50S ribosomal protein L7/L12
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9

P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P0A7R1	RL9_ECOLI	50S ribosomal protein L9
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
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P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75876	RLMI_ECOLI	Ribosomal RNA large subunit methyltransferase I
P75864	RLML_ECOLI	Ribosomal RNA large subunit methyltransferase L
P75864	RLML_ECOLI	Ribosomal RNA large subunit methyltransferase L
P75864	RLML_ECOLI	Ribosomal RNA large subunit methyltransferase L
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P37765	RLUB_ECOLI	Ribosomal large subunit pseudouridine synthase B
P0AA39	RLUC_ECOLI	Ribosomal large subunit pseudouridine synthase C
P0AA39	RLUC_ECOLI	Ribosomal large subunit pseudouridine synthase C
P0AA39	RLUC_ECOLI	Ribosomal large subunit pseudouridine synthase C

P0AA39 RLUC_ECOLI Ribosomal large subunit pseudouridine synthase C
P0AA39 RLUC_ECOLI Ribosomal large subunit pseudouridine synthase C
P0AA39 RLUC_ECOLI Ribosomal large subunit pseudouridine synthase C
P0AFW2 RMF_ECOLI Ribosome modulation factor
P0AFW2 RMF_ECOLI Ribosome modulation factor
P0AFW2 RMF_ECOLI Ribosome modulation factor
P0AFW2 RMF_ECOLI Ribosome modulation factor
P30850 RNB_ECOLI Exoribonuclease 2
P30850 RNB_ECOLI Exoribonuclease 2
P30850 RNB_ECOLI Exoribonuclease 2
P30850 RNB_ECOLI Exoribonuclease 2
P30850 RNB_ECOLI Exoribonuclease 2
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P30850 RNB_ECOLI Exoribonuclease 2
P30850 RNB_ECOLI Exoribonuclease 2
P21513 RNE_ECOLI Ribonuclease E
P21513 RNE_ECOLI Ribonuclease E
P21513 RNE_ECOLI Ribonuclease E
P21513 RNE_ECOLI Ribonuclease E
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
P0A9J0 RNG_ECOLI Ribonuclease G
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P0A9J0 RNG_ECOLI Ribonuclease G

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P21499	RNR_ECOLI	Ribonuclease R
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P21499   RNR_ECOLI   Ribonuclease R
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P21499   RNR_ECOLI   Ribonuclease R
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P21499   RNR_ECOLI   Ribonuclease R

P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
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P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
P21499	RNR_ECOLI	Ribonuclease R
P0ACI0	ROB_ECOLI	Right origin-binding protein
P0ACI0	ROB_ECOLI	Right origin-binding protein
P0ACI0	ROB_ECOLI	Right origin-binding protein
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polymerase subunit alpha
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta

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P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
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P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8V2	RPOB_ECOLI	DNA-directed RNA polymerase subunit beta
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'

P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'

P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A8T7	RPOC_ECOLI	DNA-directed RNA polymerase subunit beta'
P0A805	RRF_ECOLI	Ribosome-recycling factor
P0AG67	RS1_ECOLI	30S ribosomal protein S1
P0AG67	RS1_ECOLI	30S ribosomal protein S1
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P02359	RS7_ECOLI	30S ribosomal protein S7
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P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7

P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P02359	RS7_ECOLI	30S ribosomal protein S7
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8

P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7W7	RS8_ECOLI	30S ribosomal protein S8
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P0A7X3	RS9_ECOLI	30S ribosomal protein S9
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A
P06992	RSMA_ECOLI	Ribosomal RNA small subunit methyltransferase A

P06992   RSMA_ECOLI Ribosomal RNA small subunit methyltransferase A
P06992   RSMA_ECOLI Ribosomal RNA small subunit methyltransferase A
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P36929   RSMB_ECOLI Ribosomal RNA small subunit methyltransferase B
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C

P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P39406   RSMC_ECOLI Ribosomal RNA small subunit methyltransferase C
P0ADX9   RSMD_ECOLI Ribosomal RNA small subunit methyltransferase D
P0ADX9   RSMD_ECOLI Ribosomal RNA small subunit methyltransferase D
P0ADX9   RSMD_ECOLI Ribosomal RNA small subunit methyltransferase D
P0ADX9   RSMD_ECOLI Ribosomal RNA small subunit methyltransferase D
P0ADX9   RSMD_ECOLI Ribosomal RNA small subunit methyltransferase D
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P0AGL7   RSME_ECOLI Ribosomal RNA small subunit methyltransferase E
P76273   RSMF_ECOLI Ribosomal RNA small subunit methyltransferase F
P76273   RSMF_ECOLI Ribosomal RNA small subunit methyltransferase F
P60390   RSMH_ECOLI Ribosomal RNA small subunit methyltransferase H

P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
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P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P60390	RSMH_ECOLI	Ribosomal RNA small subunit methyltransferase H
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P67087	RSMI_ECOLI	Ribosomal RNA small subunit methyltransferase I
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P0AA43	RSUA_ECOLI	Ribosomal small subunit pseudouridine synthase A
P55135	RUMA_ECOL	23S rRNA (uracil-5-)-methyltransferase rumA
P55135	RUMA_ECOL	23S rRNA (uracil-5-)-methyltransferase rumA
P55135	RUMA_ECOL	23S rRNA (uracil-5-)-methyltransferase rumA
P55135	RUMA_ECOL	23S rRNA (uracil-5-)-methyltransferase rumA
P55135	RUMA_ECOL	23S rRNA (uracil-5-)-methyltransferase rumA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA

P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P10408	SECA_ECOLI	Protein translocase subunit secA
P0AG86	SECB_ECOLI	Protein-export protein SecB
P0AG86	SECB_ECOLI	Protein-export protein SecB
P16456	SELD_ECOLI	Selenide, water dikinase
P16456	SELD_ECOLI	Selenide, water dikinase
P16456	SELD_ECOLI	Selenide, water dikinase
P0AGB0	SERB_ECOLI	Phosphoserine phosphatase
P0AGB0	SERB_ECOLI	Phosphoserine phosphatase
P0AGB0	SERB_ECOLI	Phosphoserine phosphatase
P23721	SERC_ECOLI	Phosphoserine aminotransferase
P23721	SERC_ECOLI	Phosphoserine aminotransferase
P23721	SERC_ECOLI	Phosphoserine aminotransferase
P23721	SERC_ECOLI	Phosphoserine aminotransferase
P23721	SERC_ECOLI	Phosphoserine aminotransferase

P23721	SERC_ECOLI	Phosphoserine aminotransferase
P23721	SERC_ECOLI	Phosphoserine aminotransferase
P33595	SGRR_ECOLI	HTH-type transcriptional regulator sgrR
P33595	SGRR_ECOLI	HTH-type transcriptional regulator sgrR
P33595	SGRR_ECOLI	HTH-type transcriptional regulator sgrR
P0AEU7	SKP_ECOLI	Chaperone protein skp
P0AEU7	SKP_ECOLI	Chaperone protein skp
P0AEU7	SKP_ECOLI	Chaperone protein skp
P37194	SLP_ECOLI	Outer membrane protein slp
P37194	SLP_ECOLI	Outer membrane protein slp
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase slyD
P0AGD3	SODF_ECOLI	Superoxide dismutase [Fe]
P0AGD3	SODF_ECOLI	Superoxide dismutase [Fe]
P0AGD3	SODF_ECOLI	Superoxide dismutase [Fe]
P0AGD3	SODF_ECOLI	Superoxide dismutase [Fe]
P0AGD3	SODF_ECOLI	Superoxide dismutase [Fe]
P0AG24	SPOT_ECOLI	Guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase
P0AG24	SPOT_ECOLI	Guanosine-3',5'-bis(diphosphate) 3'-pyrophosphohydrolase
P68191	SRA_ECOLI	Stationary-phase-induced ribosome-associated protein
P68191	SRA_ECOLI	Stationary-phase-induced ribosome-associated protein
P68191	SRA_ECOLI	Stationary-phase-induced ribosome-associated protein
P68191	SRA_ECOLI	Stationary-phase-induced ribosome-associated protein
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB

P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P21507	SRMB_ECOLI	ATP-dependent RNA helicase srmB
P0ACA3	SSPA_ECOLI	Stringent starvation protein A
P0ACA3	SSPA_ECOLI	Stringent starvation protein A
P0ACG1	STPA_ECOLI	DNA-binding protein stpA
P0ACG1	STPA_ECOLI	DNA-binding protein stpA
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit beta
P0AGE9	SUCD_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit alpha
P0AGE9	SUCD_ECOLI	Succinyl-CoA ligase [ADP-forming] subunit alpha
P00957	SYA_ECOLI	Alanyl-tRNA synthetase
P00957	SYA_ECOLI	Alanyl-tRNA synthetase
P21889	SYD_ECOLI	Aspartyl-tRNA synthetase
P21889	SYD_ECOLI	Aspartyl-tRNA synthetase
P21889	SYD_ECOLI	Aspartyl-tRNA synthetase
P21889	SYD_ECOLI	Aspartyl-tRNA synthetase
P04805	SYE_ECOLI	Glutamyl-tRNA synthetase
P04805	SYE_ECOLI	Glutamyl-tRNA synthetase
P00956	SYI_ECOLI	Isoleucyl-tRNA synthetase
P0A8N3	SYK1_ECOLI	Lysyl-tRNA synthetase
P0A8N3	SYK1_ECOLI	Lysyl-tRNA synthetase
P0A8N3	SYK1_ECOLI	Lysyl-tRNA synthetase
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, heat inducible
P0A8M0	SYN_ECOLI	Asparaginyl-tRNA synthetase
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase

P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase
P0A867	TALA_ECOLI	Transaldolase A
P0A867	TALA_ECOLI	Transaldolase A
P0A867	TALA_ECOLI	Transaldolase A
P0A867	TALA_ECOLI	Transaldolase A
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0A870	TALB_ECOLI	Transaldolase B
P0AGL2	TDCF_ECOLI	Protein tdcF
P0AGG2	TESB_ECOLI	Acyl-CoA thioesterase 2
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P0A847	TGT_ECOLI	Queuine tRNA-ribosyltransferase
P77718	THII_ECOLI	tRNA sulfurtransferase
P0AA25	THIO_ECOLI	Thioredoxin-1
P0AA25	THIO_ECOLI	Thioredoxin-1
P0AA25	THIO_ECOLI	Thioredoxin-1
P31142	THTM_ECOLI	3-mercaptopyruvate sulfurtransferase
P31142	THTM_ECOLI	3-mercaptopyruvate sulfurtransferase
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor

P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A850	TIG_ECOLI	Trigger factor
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
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P0A853	TNAA_ECOLI	Tryptophanase
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P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase

P0A853	TNAA_ECOLI	Tryptophanase
P0A853	TNAA_ECOLI	Tryptophanase
P06694	TNP2_ECOLX	Transposase for transposon Tn21
P13694	TNP7_ECOLX	Transposase for transposon Tn3926
P0A855	TOLB_ECOLI	Protein tolB
P06612	TOP1_ECOLI	DNA topoisomerase 1
P0A862	TPX_ECOLI	Thiol peroxidase
P0A862	TPX_ECOLI	Thiol peroxidase
P24082	TRAN_ECOLI	Protein traN
P24082	TRAN_ECOLI	Protein traN
P28904	TREC_ECOLI	Trehalose-6-phosphate hydrolase
P28904	TREC_ECOLI	Trehalose-6-phosphate hydrolase
P36673	TRER_ECOLI	HTH-type transcriptional regulator treR
P36673	TRER_ECOLI	HTH-type transcriptional regulator treR
P36673	TRER_ECOLI	HTH-type transcriptional regulator treR
P0A8I5	TRMB_ECOLI	tRNA (guanine-N(7)-)-methyltransferase
P0A8I5	TRMB_ECOLI	tRNA (guanine-N(7)-)-methyltransferase
P16525	TUS_ECOLI	DNA replication terminus site-binding protein
P75728	UBIF_ECOLI	2-octaprenyl-3-methyl-6-methoxy-1,4-benzoquinol hydrox
P75728	UBIF_ECOLI	2-octaprenyl-3-methyl-6-methoxy-1,4-benzoquinol hydrox
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P12758	UDP_ECOLI	Uridine phosphorylase
P0A8F0	UPP_ECOLI	Uracil phosphoribosyltransferase
P0A8F0	UPP_ECOLI	Uracil phosphoribosyltransferase
P08390	USG_ECOLI	USG-1 protein
P0AED0	USPA_ECOLI	Universal stress protein A
P37903	USPF_ECOLI	Universal stress protein F
P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G

P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G
P39177	USPG_ECOLI	Universal stress protein G
P0A698	UVRA_ECOLI	UvrABC system protein A
P0A698	UVRA_ECOLI	UvrABC system protein A
P0A8G0	UVRC_ECOLI	UvrABC system protein C
P0A8G0	UVRC_ECOLI	UvrABC system protein C
P0A8G0	UVRC_ECOLI	UvrABC system protein C
P0A8G0	UVRC_ECOLI	UvrABC system protein C
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P30864	YAFC_ECOLI	Uncharacterized HTH-type transcriptional regulator yafC
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P77300	YAGI_ECOLI	Uncharacterized HTH-type transcriptional regulator yagI
P21514	YAHA_ECOLI	Cyclic di-GMP phosphodiesterase yahA
P21514	YAHA_ECOLI	Cyclic di-GMP phosphodiesterase yahA
P75691	YAHK_ECOLI	Uncharacterized zinc-type alcohol dehydrogenase-like prot
P75691	YAHK_ECOLI	Uncharacterized zinc-type alcohol dehydrogenase-like prot
P75691	YAHK_ECOLI	Uncharacterized zinc-type alcohol dehydrogenase-like prot
P75691	YAHK_ECOLI	Uncharacterized zinc-type alcohol dehydrogenase-like prot
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ

P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ
P75745	YBGK_ECOLI	Uncharacterized protein ybgK
P30177	YBIB_ECOLI	Uncharacterized protein ybiB
P75828	YBJD_ECOLI	Uncharacterized protein ybjD
P75828	YBJD_ECOLI	Uncharacterized protein ybjD
P21367	YCAC_ECOLI	Uncharacterized protein ycaC
P22525	YCBB_ECOLI	Probable L,D-transpeptidase YcbB
P22525	YCBB_ECOLI	Probable L,D-transpeptidase YcbB
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P0AB28	YCED_ECOLI	Uncharacterized protein yceD
P27431	YCFD_ECOLI	Uncharacterized protein ycfD
P27431	YCFD_ECOLI	Uncharacterized protein ycfD
P27431	YCFD_ECOLI	Uncharacterized protein ycfD
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P27431	YCFD_ECOLI	Uncharacterized protein ycfD
P27431	YCFD_ECOLI	Uncharacterized protein ycfD
P75952	YCFQ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycfQ
P0A8L7	YCIU_ECOLI	UPF0263 protein yciU
P77333	YCJZ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycjZ
P77333	YCJZ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycjZ
P77333	YCJZ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycjZ
P77333	YCJZ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycjZ
P77333	YCJZ_ECOLI	Uncharacterized HTH-type transcriptional regulator ycjZ
P77730	YDCR_ECOLI	Uncharacterized HTH-type transcriptional regulator ydcR
P77730	YDCR_ECOLI	Uncharacterized HTH-type transcriptional regulator ydcR
P77730	YDCR_ECOLI	Uncharacterized HTH-type transcriptional regulator ydcR
P64463	YDFZ_ECOLI	Putative selenoprotein ydfZ
P64463	YDFZ_ECOLI	Putative selenoprotein ydfZ
P76177	YDGH_ECOLI	Protein ydgH
P76177	YDGH_ECOLI	Protein ydgH

P0ACY1	YDJA_ECOLI	Putative NAD(P)H nitroreductase ydjA
P77721	YDJF_ECOLI	Uncharacterized HTH-type transcriptional regulator ydjF
P77721	YDJF_ECOLI	Uncharacterized HTH-type transcriptional regulator ydjF
P0ACY3	YEAG_ECOLI	Uncharacterized protein yeaG
P64483	YEAK_ECOLI	Uncharacterized protein yeaK
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P0A8M6	YEEX_ECOLI	UPF0265 protein yeeX
P33355	YEHS_ECOLI	Uncharacterized protein yehS
P33355	YEHS_ECOLI	Uncharacterized protein yehS
P0A8W8	YFBU_ECOLI	UPF0304 protein yfbU
P0A8W8	YFBU_ECOLI	UPF0304 protein yfbU
P0AD33	YFCZ_ECOLI	UPF0381 protein yfcZ
P0AD33	YFCZ_ECOLI	UPF0381 protein yfcZ
P76550	YFFS_ECOLI	Uncharacterized protein yffS
P76550	YFFS_ECOLI	Uncharacterized protein yffS
P76550	YFFS_ECOLI	Uncharacterized protein yffS
P76550	YFFS_ECOLI	Uncharacterized protein yffS
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P76550   YFFS_ECOLI   Uncharacterized protein yffS
P37767   YFHH_ECOLI   Uncharacterized HTH-type transcriptional regulator yfhH
P37767   YFHH_ECOLI   Uncharacterized HTH-type transcriptional regulator yfhH
P37767   YFHH_ECOLI   Uncharacterized HTH-type transcriptional regulator yfhH
P37767   YFHH_ECOLI   Uncharacterized HTH-type transcriptional regulator yfhH
P0AGJ5   YFIF_ECOLI   Uncharacterized tRNA/rRNA methyltransferase yfiF
P0AGJ5   YFIF_ECOLI   Uncharacterized tRNA/rRNA methyltransferase yfiF
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P0ADE8   YGFZ_ECOLI   tRNA-modifying protein ygfZ
P0ADE8   YGFZ_ECOLI   tRNA-modifying protein ygfZ
P46837   YHGF_ECOLI   Protein yhgF
P37671   YIAJ_ECOLI   HTH-type transcriptional regulator yiaJ
P37671   YIAJ_ECOLI   HTH-type transcriptional regulator yiaJ
P37671   YIAJ_ECOLI   HTH-type transcriptional regulator yiaJ
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P37671   YIAJ_ECOLI   HTH-type transcriptional regulator yiaJ
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P0ADK6   YIBA_ECOLI   Protein yibA

P0ADK6	YIBA_ECOLI	Protein yibA
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P0AG27	YIBN_ECOLI	Uncharacterized protein yibN
P0AG27	YIBN_ECOLI	Uncharacterized protein yibN
P32162	YIIS_ECOLI	UPF0381 protein yiiS
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF
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P0AF93	YJGF_ECOLI	UPF0076 protein yjgF
P39353	YJHC_ECOLI	Uncharacterized oxidoreductase yjhC
P39356	YJHU_ECOLI	Uncharacterized transcriptional regulator yjhU
P39356	YJHU_ECOLI	Uncharacterized transcriptional regulator yjhU
P39356	YJHU_ECOLI	Uncharacterized transcriptional regulator yjhU
P39376	YJIE_ECOLI	Uncharacterized HTH-type transcriptional regulator yjiE
P39376	YJIE_ECOLI	Uncharacterized HTH-type transcriptional regulator yjiE
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P0AAJ1	YNFG_ECOLI	Probable anaerobic dimethyl sulfoxide reductase chain ynf
P0AAJ1	YNFG_ECOLI	Probable anaerobic dimethyl sulfoxide reductase chain ynf
P16525	YP55_ECOLX	DNA replication terminus site-binding protein
P0A8W5	YQGE_ECOLI	UPF0301 protein yqgE
P0A9W9	YRDA_ECOLI	Protein yrdA

Peptide
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EFVESLETPR
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IVSYAQGFSQLR
KDEDGNYLVDVILDEAANK
VLSGPQAQPAGDKAEFIEK
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AVAAGMNPMDLK
AVAAGMNPMDLKR
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EIELEDKFENMGAQMVK
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EMLPVLEAVAK
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VGAATEVEMK
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YSIGQPFVYPR
AIEALTEAIK
ALGIELLR
EALEACSVDLVALR
IDITEPSIEETVQIINGLKPK
IFTPEFR
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NELTYGFQSAQK
NNPLLVGESGVGK
NVVLVMTTNAGVR
SIGLIHQDNSTDAmEEIKK
SIGLIHQDNSTDAMEEIKK
TAIAEGLAWR

TVNVADIESVVAR
VGGIDPLIGR
VIGSTTYQEFSNIFEK
VIGSTTYQEFSNIFEKDR
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ADGAmDAGNMLKPALAR
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ELVLGVVSHNFRPEFINR
GELHCVGATTLDEYR
GYEIHISDEALK
IDMSEFMEK
LLSENGYDPVYGAR
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RLDMLNEELSDKER
VFVAEPSVEDTIAILR
VIGQNEAVDAVSNAIR
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VGNLAFLDVTGR
AYSLLEQLR
DLGYGLLLK
FAIQIPYALGIIATR
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YTPNVADATEAQIQQATK
FGDGIISAINFK

LDLADAILLSK
DVVDAAVALR
HLTQVTPAGQEIIR
LGLGVGVIASmAVDPVADPDLVR
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Modified Sequence	PD 1st control	PD 2nd control	PD 3rd control
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NH2-EAYELVAPILTK-COOH	*	PD 2nd control	
NH2-EFVESLETPR-COOH	*		
NH2-GYTVSIFNR-COOH	*		
NH2-IAAVAEDGEPC<Cmm*>VTYIGADGAGI	*	PD 2nd control	
NH2-IVSYAQGFSQLR-COOH	*		
NH2-KDEDGNYLVDVILDEAANK-COOH	*	PD 2nd control	
NH2-VLSGPQAQPAGDKAEFIEK-COOH	*		
NH2-AIWEQELTDM<Mox>R-COOH	*		
NH2-AIWEQELTDMR-COOH	*		
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NH2-C<Cmm*>TQELLFGK-COOH	*		
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NH2-TIASFQQQLSDMGYK-COOH	*	PD 2nd control	
NH2-TQQIEELQK-COOH	*		

NH2-TQQIEELQKEWTQPR-COOH *

NH2-VLVPTQEAIQK-COOH *

NH2-VTTIIQGGTSSVTALTGSTEESQF-COOH * PD 2nd control

NH2-WEGITRPYSAEDVVK-COOH *

NH2-DAASFAPLHNPAHLIGIEEALK-COOH * PD 2nd control

NH2-EGTRPAVVIPTNEELVIAQDASR-COOH * PD 2nd control

NH2-FAIIDAVNGEEYLSGLAEC<Cmm*>FHLF *

NH2-LGVLGFEVDHER-COOH *

NH2-LVLVLNC<Cmm*>GSSSLK-COOH *

NH2-YTSSVVIDESVIQGIK-COOH * PD 2nd control

NH2-VLLENLLR-COOH *

NH2-DLVHAIPLYAIK-COOH *

NH2-EGIEPDQPGVVGPIK-COOH *

NH2-GFPLAYVGDVVGTGSSR-COOH *

NH2-LPTPEEYQTYVAQVDK-COOH *

NH2-FSPGYM<Mox>AM<Mox>AHQLPVAG *

NH2-VAFENIEDAAR-COOH *

NH2-AADIVLQAAIAAGAPK-COOH * PD 2nd control PD 3rd control

NH2-AAYSSGKPAIGVGAGNTPVVIDETADIKR * PD 2nd control

NH2-AVTNVAELNALVER-COOH * PD 1st control PD 2nd control PD 3rd control

NH2-EAGVQEADFLANVDK-COOH * PD 3rd control

NH2-EAGVQEADFLANVDKLSEDAFDDQC<C *

NH2-EYASFTQEQVDK-COOH *

NH2-FATHGGYLLQGK-COOH *

NH2-FLFNNGYADQITSVLK-COOH * PD 2nd control PD 3rd control

NH2-GAELANSFKPDVIIALGGGSPM<Mox>D *

NH2-GAELANSFKPDVIIALGGGSPMDAAK-C *

NH2-IAELAGFSVPENTK-COOH * PD 3rd control

NH2-ILIGEVTVVDESEPFAHEK-COOH * PD 2nd control PD 3rd control

NH2-ILINTPASQGGIGDLYNFK-COOH *

NH2-KGAELANSFKPDVIIALGGGSPM<Mox> *

NH2-LAPSLTLGC<Cmm*>GSWGGNSISENV *   PD 2nd control

NH2-LLAWLETLK-COOH * PD 3rd control

NH2-LSPTLAMYR-COOH * PD 3rd control

NH2-LVAM<Mox>GGIGHTSC<Cmm*>LYTD * PD 3rd control

NH2-LVAMGGIGHTSC<Cmm*>LYTDQDNQ *

NH2-MAVAESGM<Mox>GIVEDK-COOH *

Peptide		PD 1st control	PD 2nd control	PD 3rd control
NH2-MAVAESGMGIVEDK-COOH	*			PD 3rd control
NH2-MIAVTTTSGTGSEVTPFAVVTDDATGQK	*			
NH2-NAIIFSPHPR-COOH	*			
NH2-NGALNAAIVGQPAYK-COOH	*			
NH2-NHFASEYIYNAYKDEK-COOH	*		PD 2nd control	
NH2-PAIGVGAGNTPVVIDETADIKR-COOH	*			PD 3rd control
NH2-QILLDTYYGR-COOH	*			
NH2-RGSLPIALDEVITDGHK-COOH	*			
NH2-TFDNGVIC<Cmm*>ASEQSVVVVDSVYI	*			
NH2-YAEIADHLGLSAPGDR-COOH	*			
NH2-YPLISELK-COOH	*			PD 3rd control
NH2-AAQYVASHPGEVC<Cmm*>PAK-COOH	*			
NH2-ATFVVDPQGIIQAIEVTAEGIGR-COOH	*			
NH2-EGEATLAPSLDLVGK-COOH	*	PD 1st control		
NH2-EGEATLAPSLDLVGKI-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LGVDVYAVSTDTHFTHK-COOH	*		PD 2nd control	PD 3rd control
NH2-NFDNM<Mox>REDEGLADR-COOH	*			
NH2-NFDNMREDEGLADR-COOH	*			
NH2-NGEFIEITEK-COOH	*			
NH2-NGEFIEITEKDTEGR-COOH	*	PD 1st control		PD 3rd control
NH2-WKEGEATLAPSLDLVGKI-COOH	*			
NH2-YAM<Mox>IGDPTGALTR-COOH	*			PD 3rd control
NH2-YAMIGDPTGALTR-COOH	*		PD 2nd control	PD 3rd control
NH2-ASLSAFDYLIR-COOH	*		PD 2nd control	
NH2-FGGQILDTVDIENYISVPK-COOH	*			
NH2-LIPAAVEGGLHQIETASGAVLK-COOH	*			
#Gln->pyro-Glu (N-term Q)#-QAGVYDLLSE/	*			
NH2-AFSLAIYHAHQR-COOH	*			
NH2-EITHQLFLLGC<Cmm*>GAQMLK-COOI	*			
NH2-EM<Mox>PVNSIWEGSGNIMC<Cmm*	*			
NH2-EMPVNSIWEGSGNIMC<Cmm*>LDVLI	*			
NH2-FDC<Cmm*>ALGSHAMMR-COOH	*			
NH2-GLLIGM<Mox>GMTEK-COOH	*			
NH2-GLLIGMGMTEK-COOH	*			
NH2-HVFGNPLIQQPLM<Mox>R-COOH	*			
NH2-HVFGNPLIQQPLMR-COOH	*			
NH2-LANVNPPELLR-COOH	*			

Peptide			
NH2-LSEQIQNDLLLR-COOH	*		
NH2-M<Mox>ALQLEGQTALLFR-COOH	*		
NH2-MALQLEGQTALLFR-COOH	*		
NH2-QAGVYDLLSEAFVEVK-COOH	*		
NH2-YASPPM<Mox>AQAWC<Cmm*>QVM	*		
NH2-YASPPMAQAWC<Cmm*>QVMLDTR-C	*		
NH2-AFQELNAIDVL-COOH	*	PD 2nd control	PD 3rd control
NH2-ANEAYLQGQLGNPK-COOH	*		PD 3rd control
NH2-APVIVQFSNGGASFIAGK-COOH	*		
NH2-ENNFALPAVNC<Cmm*>VGTDSINAVLI	*	PD 2nd control	
NH2-IFDFVKPGVITGDDVQK-COOH	*	PD 2nd control	PD 3rd control
NH2-LLPWIDGLLDAGEK-COOH	*	PD 2nd control	PD 3rd control
NH2-VKAPVIVQFSNGGASFIAGK-COOH	*	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QIEEISAAFER-	*	PD 2nd control	
NH2-AGGM<Mox>GLILGR-COOH	*		
NH2-AGGMGLILGR-COOH	*		
NH2-AGLINSGGAAGGETDLSDAVR-COOH	*	PD 1st control	PD 3rd control
NH2-AHELGM<Mox>VTVLWAYLR-COOH	*		
NH2-AINYGYTDDR-COOH	*		
NH2-AINYGYTDDRVYSK-COOH	*		
NH2-C<Cmm*>M<Mox>TIPSDQLYLPGHDY	*	PD 2nd control	
NH2-C<Cmm*>MTIPSDQLYLPGHDYVDR-CC	*		
NH2-DADNLLQHR-COOH	*		
NH2-IPFLVK-COOH	*		
NH2-LAGTGYLSILPVDQGVEHSAGASFAANPI	*		
NH2-LINAVQDVYLDSK-COOH	*		
NH2-LTSENPIDLVR-COOH	* PD 1st control		
NH2-NIVELAIEAGC<Cmm*>NC<Cmm*>VA	*		
NH2-NM<Mox>QTLYNTGR-COOH	*		
NH2-NMQTLYNTGR-COOH	*		
NH2-QIEEISAAFER-COOH	*		
NH2-RQIEEISAAFER-COOH	*		
NH2-TDIAQLLGK-COOH	*		
NH2-VM<Mox>IDNNRPPAVLR-COOH	*		
NH2-VMIDNNRPPAVLR-COOH	*		
NH2-YQLANC<Cmm*>YM<Mox>GR-COOH	*		
NH2-YQLANC<Cmm*>YMGR-COOH	*		

NH2-TSAESILTTGPVVPVIVVK-COOH	*	PD 2nd control	
NH2-AC<Cmm*>GFTLPNAPLTPR-COOH	*	PD 2nd control	
NH2-ELVATLTELC<Cmm*>ER-COOH	*	PD 2nd control	PD 3rd control
NH2-FDEVGNLYGR-COOH	*		PD 3rd control
NH2-FPYVFWGSK-COOH	*	PD 2nd control	PD 3rd control
NH2-LLYSPEWLETQQQFK-COOH	*	PD 2nd control	PD 3rd control
NH2-M<Mox>GDPLVLTFGK-COOH	*	PD 2nd control	
NH2-MGDPLVLTFGK-COOH	*	PD 2nd control	PD 3rd control
NH2-NIFGLANPDDVR-COOH	*	PD 2nd control	PD 3rd control
NH2-TLALM<Mox>LYQLAWQK-COOH	*	PD 2nd control	
NH2-TNITDLAEGVK-COOH	*		PD 3rd control
NH2-DISTALGLK-COOH	*		
NH2-DVLSVAGPFM<Mox>R-COOH	*		
NH2-DVLSVAGPFMR-COOH	*		
NH2-FVSQGELVR-COOH	*		
NH2-GIAILQYLEK-COOH	*		
NH2-LM<Mox>LLSGETVNVAIR-COOH	*		
NH2-LTEDRFVSQGELVR-COOH	*		
NH2-NGNEAVLIGQLEC<Cmm*>K-COOH	*		
NH2-SGGSSSVSDISLNLDLPLSTTFR-COOH	*		
NH2-NTEQAAFVVLK-COOH	*		
NH2-VEIAHK-COOH	*	PD 2nd control	PD 3rd control
NH2-NEDIFIPLQVR-COOH	*		
NH2-NQVEQAGFAVLK-COOH	*		
NH2-QNVKPQLFALAPVAGFK-COOH	*		
NH2-QPSGSSVFALSTK-COOH	*		
NH2-TATFQQEVAESILAGIK-COOH	*		
NH2-VGQFDPQTVR-COOH	*		
NH2-VVVDIEDVNLNSVLK-COOH	*		
NH2-YLAQTQNASDLIGGVSK-COOH	*		
NH2-GATGRPVALLAQFLLNR-COOH	*		
NH2-LVLC<Cmm*>DVLTYVER-COOH	*		
NH2-FVEAEGFSVVR-COOH	*		
NH2-FLAFGETHLADVLVSK-COOH	*		
NH2-WDAAQSLLATYIK-COOH	*		
NH2-QGITSYSLVPFPGH-COOH	*	PD 2nd control	
NH2-EQANVALM<Mox>FLTGR-COOH	*		

NH2-EQANVALMFLTGR-COOH *

NH2-HFESTPDTPEIIATIHGEGYR-COOH *

NH2-EVLEALANER-COOH *

NH2-NIFLVGPM<Mox>GAGK-COOH *

NH2-NIFLVGPMGAGK-COOH *

NH2-NPLYEEIADVTIR-COOH *

NH2-VVANQIIHMLESN-COOH *

NH2-DLGAVFLVGIGGK-COOH *   PD 2nd control

NH2-ERAIAK-COOH *   PD 3rd control

NH2-LGLIEVQAPILSR-COOH * PD 1st control   PD 2nd control

NH2-STVEAIWAGIK-COOH *

NH2-ALVDAGYDGIVSAGVGNGNLYK-COOH *

NH2-GVLVVMNDTVLDGR-COOH *   PD 2nd control

NH2-SVFDTLATAAK-COOH *

NH2-VGIVYNYANASDLPAK-COOH * PD 1st control   PD 2nd control PD 3rd control

NH2-VGVENLVNAVPQLK-COOH * PD 1st control   PD 2nd control

NH2-VPTGATTQDAEVDDAKYGFVASGTLNP(*   PD 2nd control

NH2-ELAAFSQFASDLDDATR-COOH * PD 1st control

NH2-GPLDHDGFSAVEAIAPGVIER-COOH *

NH2-IAQFNVVSEAHNEGTIVSVSDGVIR-COC *

NH2-TALAIDAIINQR-COOH * PD 1st control

NH2-VNAEYVEAFTK-COOH *

NH2-YAIALNLER-COOH *

NH2-AAPSYEELSNSQELLETGIK-COOH * PD 1st control

NH2-DVLLFVDNIYR-COOH * PD 1st control   PD 3rd control

NH2-FLSQPFFVAEVFTGSPGK-COOH *   PD 2nd control PD 3rd control

NH2-LVLEVQQQLGGGIVR-COOH * PD 1st control

NH2-QIASLGIYPAVDPLDSTSR-COOH * PD 1st control

NH2-YTLAGTEVSALLGR-COOH * PD 1st control   PD 2nd control PD 3rd control

NH2-QVAILAVAGAEK-COOH *   PD 3rd control

NH2-SVDEAANSDIVDKLVAEL-COOH *

NH2-ILFLEGLPNLQDLGK-COOH *

NH2-LLGNELVAINQYFLHAR-COOH *

NH2-LNIGEDVEEMLR-COOH *

NH2-MGLQNYLQAQIR-COOH *   PD 2nd control

NH2-ASLVWDEAQK-COOH *

NH2-DPSLSLYAIPDGDVK-COOH *   PD 2nd control

NH2-GPTLLEDFILR-COOH	*		PD 2nd control	
NH2-LFWLSQTPFEQR-COOH	*			
NH2-LIPEELVPVQR-COOH	*			
NH2-SADLLAILK-COOH	*		PD 2nd control	
NH2-VVAILLNDEVR-COOH	*			
NH2-RAEYDQMWQHR-COOH	*			
NH2-TISYNLPVYNAFGM<Mox>IEQEIPK-COO	*			
NH2-TISYNLPVYNAFGMIEQEIPK-COOH	*			
NH2-ADAPLIQWDATSATLK-COOH	*		PD 2nd control	
NH2-GYDYPDIQR-COOH	*			
NH2-SATGLDEDALAFALLPLAAAC<Cmm*>A	*			
NH2-TLLM<Mox>DEQDHGYALTGDALSQAA	*		PD 2nd control	
NH2-TPLSNFNVGAIAR-COOH	*			
NH2-VGDIVIFNDGYGVK-COOH	*		PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QQIEEATSDYD	*			
NH2-AAVEEGVVAGGGVALIR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AGKPLLIIAEDVEGEALATLVVNTM<Mox	*			
NH2-AGKPLLIIAEDVEGEALATLVVNTMR-CO	*			
NH2-AIAQVGTISANSDETVGK-COOH	*		PD 2nd control	PD 3rd control
NH2-AM<Mox>LQDIATLTGGTVISEEIGM<M	*			PD 3rd control
NH2-AM<Mox>LQDIATLTGGTVISEEIGMELE	*			
NH2-AMLQDIATLTGGTVISEEIGM<Mox>ELE	*			
NH2-AMLQDIATLTGGTVISEEIGMELEK-COO	*			
NH2-ANDAAGDGTTTATVLAQAIITEGLK-COO	*		PD 2nd control	PD 3rd control
NH2-ATLEDLGQAK-COOH	*			
NH2-AVAAGM<Mox>NPMDLK-COOH	*			
NH2-AVAAGMNPM<Mox>DLK-COOH	*			
NH2-AVAAGMNPMDLK-COOH	*			
NH2-AVAAGMNPMDLKR-COOH	*			
NH2-AVTAAVEELK-COOH	*			PD 3rd control
NH2-DTTTIIDGVGEEAAIQGR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EGVITVEDGTGLQDELDVVEGM<Mox>	*			
NH2-EGVITVEDGTGLQDELDVVEGMQFDR-(	*			
NH2-EIELEDKFENM<Mox>GAQM<Mox>VK	*		PD 2nd control	PD 3rd control
NH2-EIELEDKFENMGAQM<Mox>VK-COOH	*		PD 2nd control	
NH2-EIELEDKFENMGAQMVK-COOH	*		PD 2nd control	PD 3rd control
NH2-EM<Mox>LPVLEAVAK-COOH	*			PD 3rd control

NH2-EMLPVLEAVAK-COOH	*	PD 2nd control	
NH2-GGDGNYGYNAATEEYGNM\<Mox>IDM	*	PD 2nd control	
NH2-GGDGNYGYNAATEEYGNMIDMGILDPT	*		
NH2-GVNVLADAVK-COOH	*	PD 2nd control	PD 3rd control
NH2-GYLSPYFINKPETGAVELESPFILLADK-CC	*		
NH2-GYLSPYFINKPETGAVELESPFILLADKK-C	*		
NH2-KAM\<Mox>LQDIATLTGGTVISEEIGM\<I	*		
NH2-LAGGVAVIK-COOH	*		
NH2-QIVLNC\<Cmm*>GEEPSVVANTVK-COC	*	PD 2nd control	PD 3rd control
NH2-QQIEEATSDYDREK-COOH	*		
NH2-RVVINKDTTTIIDGVGEEAAIQGR-COOH	*	PD 2nd control	
NH2-SALQYAASVAGLMITTEC\<Cmm*>M\<M	*		
NH2-SALQYAASVAGLMITTEC\<Cmm*>MVT	*		
NH2-SFGAPTITK-COOH	*		
NH2-VEDALHATR-COOH	*	PD 2nd control	
NH2-VGAATEVEMK-COOH	*		
NH2-VVINKDTTTIIDGVGEEAAIQGR-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-GTLGQDVIDIR-COOH	*		
NH2-ITFIDGDEGILLHR-COOH	*	PD 2nd control	
NH2-LYPNVDFYSGIILK-COOH	*		
NH2-YSIGQPFVYPR-COOH	*		
NH2-AIEALTEAIK-COOH	*		
NH2-ALGIELLR-COOH	*		
NH2-EALEAC\<Cmm*>SVDLVALR-COOH	*		
NH2-IDITEPSIEETVQIINGLKPK-COOH	*		
NH2-IFTPEFR-COOH	*		
NH2-IVQGDVPEVM\<Mox>ADC\<Cmm*>TIY	*		
NH2-LDVVNFISHGTR-COOH	*		
NH2-LIGAPPGYVGFDQGGLLTDAVIK-COOH	*		
NH2-M\<Mox>ENFTTNLNQLAR-COOH	*		
NH2-MENFTTNLNQLAR-COOH	*		
NH2-NELTYGFQSAQK-COOH	*		
NH2-NNPLLVGESGVGK-COOH	*		
NH2-NVVLVMTTNAGVR-COOH	*		
NH2-SIGLIHQDNSTDAM\<Mox>EEIKK-COOH	*		
NH2-SIGLIHQDNSTDAMEEIKK-COOH	*		
NH2-TAIAEGLAWR-COOH	*		

NH2-TVNVADIESVVAR-COOH *

NH2-VGGIDPLIGR-COOH *

NH2-VIGSTTYQEFSNIFEK-COOH *

NH2-VIGSTTYQEFSNIFEKDR-COOH *

NH2-AAGATTANITQAIEQM<Mox>R-COOH *

NH2-ADGAM<Mox>DAGNMLKPALAR-COO *

NH2-AGLADPNRPIGSFLFLGPTGVGK-COOH *

NH2-AIDLIDEAASSIR-COOH *

NH2-AIQQQIENPLAQQILSGELVPGK-COOH *

NH2-ELVLGVVSHNFRPEFINR-COOH *

NH2-GELHC<Cmm*>VGATTLDEYR-COOH *

NH2-GYEIHISDEALK-COOH *

NH2-IDMSEFMEK-COOH *

NH2-LLSENGYDPVYGAR-COOH *

NH2-LPQVEGTGGDVQPSQDLVR-COOH *

NH2-LVGAPPGYVGYEEGGYLTEAVR-COOH *

NH2-NTVVIMTSNLGSDLIQER-COOH *

NH2-QEGNVILFIDELHTM<Mox>VGAGK-CO *

NH2-QEGNVILFIDELHTMVGAGK-COOH *

NH2-QLPDKAIDLIDEAASSIR-COOH *

NH2-QYSELEEEWKAEK-COOH *

NH2-RLDMLNEELSDKER-COOH *

NH2-VFVAEPSVEDTIAILR-COOH *

NH2-VIGQNEAVDAVSNAIR-COOH *

NH2-VLALDM<Mox>GALVAGAK-COOH *

NH2-VLALDMGALVAGAK-COOH *

NH2-VTDAEIAEVLAR-COOH *

NH2-AETLYYIVK-COOH *

NH2-IAQTLLNLAK-COOH *

NH2-QLIQVNPDILM<Mox>R-COOH *

NH2-VGNLAFLDVTGR-COOH * PD 1st control

NH2-AYSLLEQLR-COOH * PD 1st control   PD 3rd control

NH2-DLGYGLLLK-COOH *   PD 2nd control

NH2-FAIQIPYALGIIATR-COOH *

NH2-RYTPNVADATEAQIQQATK-COOH *

NH2-YTPNVADATEAQIQQATK-COOH * PD 1st control

NH2-FGDGIISAINFK-COOH *

NH2-LDLADAILLSK-COOH *
NH2-DVVDAAVALR-COOH *
NH2-HLTQVTPAGQEIIR-COOH *
NH2-LGLGVGVIASM<Mox>AVDPVADPDLV *
NH2-M<Mox>LEDELGIQIFSR-COOH *
NH2-MLEDELGIQIFSR-COOH *
NH2-SNEEIEVMFK-COOH *
NH2-SVAGEHTWPDKGSLYIATTHTQAR-COO *
NH2-VSLHM<Mox>HQGSPTQIADAVSK-CO *
NH2-VSLHMHQGSPTQIADAVSK-COOH *
NH2-YALPNVIK-COOH *
NH2-YIVEVVNHNLNVSSTAEGLYTSQPGISK-(*
NH2-AEEIVASNPEK-COOH *
NH2-ALGANLVLTEGAK-COOH * PD 1st control
NH2-GVLKPGVELVEPTSGNTGIALAYVAAAR- *
NH2-IFEDNSLTIGHTPLVR-COOH *   PD 2nd control
NH2-IGANMIWDAEK-COOH *   PD 2nd control
NH2-IQGIGAGFIPANLDLK-COOH * PD 1st control PD 2nd control PD 3rd control
NH2-LM<Mox>EEEGILAGISSGAAVAAALK-C *
NH2-LMEEEGILAGISSGAAVAAALK-COOH *
NH2-LTLTM<Mox>PETM<Mox>SIER-COOH *
NH2-LTLTMPETMSIER-COOH *   PD 2nd control
NH2-LVDKVIGITNEEAISTAR-COOH *
NH2-NIVVILPSSGER-COOH * PD 1st control
NH2-RLM<Mox>EEEGILAGISSGAAVAAALK- *
NH2-RLMEEEGILAGISSGAAVAAALK-COOH *
NH2-VIGITNEEAISTAR-COOH *
NH2-YLLLQQFSNPANPEIHEK-COOH * PD 1st control PD 2nd control
NH2-YLSTALFADLFTEK-COOH *
NH2-QALAILQGLK-COOH *
NH2-IPVIAGTGANATAEAISLTQR-COOH *   PD 2nd control
NH2-LFVEPNPIPVK-COOH *
NH2-EAVNQVIALLDSGALR-COOH *
NH2-M<Mox>QQLQNIIETAFER-COOH *
NH2-VGINELLR-COOH *
NH2-VPAGSVVVSGNLPSK-COOH *
NH2-VPAGSVVVSGNLPSKDGK-COOH *

Peptide			
NH2-ANIGFMQVVK-COOH	*		
NH2-MVLTVTDDDLVR-COOH	*		
NH2-AALESTLAAITESLK-COOH	*		
NH2-EGDAVQLVGFGTFK-COOH	*		
NH2-IAAANVPAFVSGK-COOH	*		PD 3rd control
NH2-TQLIDVIAEKAELSK-COOH	*		
NH2-TQLIDVIAEK-COOH	* PD 1st control		
NH2-ALDAIIASVTESLK-COOH	*		
NH2-EGDDVALVGFGTFAVK-COOH	*		
NH2-SQLIDKIAAGADISK-COOH	*		
NH2-C<Cmm*>VNMVADLWHAPAPK-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-DDVAFQIINDELYLDGNAR-COOH	*		
NH2-FGLAPLGC<Cmm*>GWVIWR-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-GFEM<Mox>DFAELLLEDYK-COOH	*		
NH2-GFEMDFAELLLEDYK-COOH	*		
NH2-GWQVPAFTLGGEATDIVVM<Mox>R-C	*		
NH2-GWQVPAFTLGGEATDIVVMR-COOH	*	PD 2nd control	
NH2-LGPYEFIC<Cmm*>TGRPDEGIPAVC<Cr	*	PD 2nd control	PD 3rd control
NH2-LKDGEDPGYTLYDLSER-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-LQGIAQQNSFK-COOH	*		PD 3rd control
NH2-NWIDKEEYPQSAAIDLR-COOH	* PD 1st control	PD 2nd control	
NH2-PAGQVIAQYYEFLR-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-QNLATFC<Cmm*>QTWDDENVHK-CO	* PD 1st control		PD 3rd control
NH2-VQNASYQVAAYLADEIAK-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-YWDVELR-COOH	* PD 1st control	PD 2nd control	
NH2-FIDLFAGIGGIR-COOH	*		
NH2-LLQIYDVK-COOH	*		
NH2-LMGFEAPGEAK-COOH	*		
NH2-QFGNSVVVPVFAAVAK-COOH	*		
NH2-TLVAQLNGVGENHWSAAILK-COOH	*		
NH2-VTLAQLLDPM<Mox>VEAK-COOH	*		
NH2-VTLAQLLDPMVEAK-COOH	*		
NH2-DAGLNIAPFITLTR-COOH	*		
NH2-AEFETTFADLGLK-COOH	*		
NH2-ALLFVENR-COOH	*		
NH2-APILEALNDLGYEKPSPIQAEC<Cmm*>II	*		
NH2-APQILVLAPTR-COOH	*		

NH2-DVGDM<Mox>QLYR-COOH *
NH2-DVGDMQLYR-COOH *
NH2-DVLGM<Mox>AQTGSGK-COOH *
NH2-ELAVQVAEAM<Mox>TDFSK-COOH *
NH2-ELAVQVAEAMTDFSK-COOH *
NH2-FLEAEDFDAAIIFVR-COOH *
NH2-GMPGEVLQHFTR-COOH *
NH2-GVNVVALYGGQR-COOH *
NH2-HIVGAIANEGDISSR-COOH *
NH2-IEVGRDDGVEVR-COOH *
NH2-ILNKPM<Mox>NM<Mox>QLLGDAQPH *
NH2-ILNKPM<Mox>NMQLLGDAQPHTGGEI *
NH2-ILNKPMNM<Mox>QLLGDAQPHTGGEI *
NH2-ILNKPMNMQLLGDAQPHTGGER-COOH *
NH2-IQPTAEGEELDLETLAAALLK-COOH *
NH2-IQSSVTTRPDISQSYWTVWGM<Mox>R *
NH2-IQSSVTTRPDISQSYWTVWGMR-COOH *
NH2-ISLVVNYDIPM<Mox>DSESYVHR-COOH *
NH2-ISLVVNYDIPMDSESYVHR-COOH *
NH2-LDILIATDVAAR-COOH *
NH2-LFASHSTIELPK-COOH *
NH2-LKDGRLDILIATDVAAR-COOH *
NH2-LSGLVLDEADEM<Mox>LR-COOH *
NH2-LSGLVLDEADEMLR-COOH *
NH2-LTIPEVELPNAELLGK-COOH *
NH2-M<Mox>GFIEDVETIMAQIPEGHQTALF *
NH2-MGFIEDVETIM<Mox>AQIPEGHQTALF *
NH2-MGFIEDVETIMAQIPEGHQTALFSATMF *
NH2-MGFIEDVETIMAQIPEGHQTALFSATMF *
NH2-NATLEVAEALER-COOH *
NH2-NGYNSAALNGDM<Mox>NQALR-COO *
NH2-NGYNSAALNGDMNQALR-COOH *
NH2-QGPQIVVGTPGR-COOH *
NH2-RDVGDMQLYR-COOH *
NH2-TAAFSLPLLQNLDPELKAPQILVLAPTR-C *
NH2-TAAFSLPLLQNLDPELK-COOH *
NH2-TKNATLEVAEALER-COOH *

Peptide	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TLIVPPDAPM<Mox>RPK-COOH	*			
NH2-TLIVPPDAPMRPK-COOH	*			
NH2-VQQQLESSDLDQYR-COOH	*			
NH2-LVLINPELLEK-COOH	*		PD 2nd control	
NH2-GAFVSQVLPNSSAAK-COOH	*			
NH2-ATGLDALFDATIK-COOH	*		PD 2nd control	
NH2-DVAGYAAGLELFDR-COOH	*		PD 2nd control	
NH2-ETFADIGQTLAK-COOH	*			
NH2-FGDVGADTLGHIAEAC<Cmm*>AK-COOH	*		PD 2nd control	
NH2-GPLNLPNLTR-COOH	*			
NH2-TGNRHDLAVEPPAPTVLQK-COOH	*			
NH2-ALM<Mox>AGNEQVGFDLVK-COOH	*			
NH2-FGASSLLASLLK-COOH	*	PD 1st control		
NH2-IATVTNFPHGNDDIDIALAETR-COOH	*	PD 1st control		
NH2-TPVGNTAAIC<Cmm*>IYPR-COOH	*			
NH2-ALTIC<Cmm*>TVSDHIR-COOH	*			
NH2-ATPHINAEM<Mox>GDFADVVLM<Mo...	*			
NH2-IALESVLLGDKE-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YIAETFLEDAR-COOH	*		PD 2nd control	PD 3rd control
NH2-FWDYQQGSWQEEQQTK-COOH	*		PD 2nd control	
NH2-LINDVQDVLDEQLAGLAK-COOH	*			
NH2-VIALVNNLGATPLSELYGVYNR-COOH	*			
NH2-QLAEDNFGETEEVAPPTLRPVPPVSGK-C...	*		PD 2nd control	
NH2-INQLVVEPTLQTTR-COOH	*			
NH2-VLTQTMVTSADEGGLHTK-COOH	*			
NH2-AGVEVDDR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AGVEVDDRGFIR-COOH	*	PD 1st control		PD 3rd control
NH2-AIASDC<Cmm*>ADGM<Mox>TK-COOH	*		PD 2nd control	PD 3rd control
NH2-AIASDC<Cmm*>ADGMTK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ALAEHGIVFGEPK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-APAEPQRYDAVLVAIGR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-C<Cmm*>ADLGLETVIVER-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EDGIYVTM<Mox>EGK-COOH	*		PD 2nd control	PD 3rd control
NH2-EDGIYVTMEGK-COOH	*		PD 2nd control	PD 3rd control
NH2-EDGIYVTMEGKK-COOH	*			PD 3rd control
NH2-EKGISYETATFPWAASGR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EKVINQLTGGLAGM<Mox>AK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control

Peptide	PD 1st control	PD 2nd control	PD 3rd control
NH2-EKVINQLTGGLAGMAK-COOH	PD 1st control		PD 3rd control
NH2-FNLM<Mox>LETK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-FNLMLETK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-FTGANTLEVEGENGK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-GISYETATFPWAASGR-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-GVHEGHVAAEVIAGK-COOH	PD 1st control	PD 2nd control	
NH2-GVHEGHVAAEVIAGKK-COOH		PD 2nd control	PD 3rd control
NH2-IWDSTDALELK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-IWDSTDALELKEVPER-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-KAPAEPQR-COOH		PD 2nd control	
NH2-KAPAEPQRYDAVLVAIGR-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-KFNLM<Mox>LETK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-KFNLMLETK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-LIFDK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-LIFDKESHR-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-NLDAGKAGVEVDDRGFIR-COOH	PD 1st control		
NH2-NLDAGK-COOH		PD 2nd control	
NH2-PIQLPFIPHEDPR-COOH		PD 2nd control	PD 3rd control
NH2-STEIKTQVVVLGAGPAGYSAAFR-COOH			PD 3rd control
NH2-TDIDKIR-COOH	PD 1st control		PD 3rd control
NH2-TNVPHIFAIGDIVGQPM<Mox>LAHK-C	PD 1st control	PD 2nd control	PD 3rd control
NH2-TNVPHIFAIGDIVGQPMLAHK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-TQVVVLGAGPAGYSAAFR-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-TVINFDNAIIAAGSR-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-TVINFDNAIIAAGSRPIQLPFIPHEDPR-C	PD 1st control	PD 2nd control	PD 3rd control
NH2-VIEEAKALAEHGIVFGEPK-COOH	PD 1st control	PD 2nd control	
NH2-VINQLTGGLAGM<Mox>AK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VINQLTGGLAGMAK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VINQLTGGLAGMAKGR-COOH			PD 3rd control
NH2-VIPSIAYTEPEVAWVGLTEK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VIPSIAYTEPEVAWVGLTEKEAK-COOH	PD 1st control		
NH2-VTAVEAKEDGIYVTM<Mox>EGK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VTAVEAKEDGIYVTM<Mox>EGKK-COO			PD 3rd control
NH2-VTAVEAKEDGIYVTMEGK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VTAVEAKEDGIYVTMEGKK-COOH	PD 1st control	PD 2nd control	PD 3rd control
NH2-VVNGLGK-COOH	PD 1st control		
NH2-YDAVLVAIGR-COOH	PD 1st control	PD 2nd control	PD 3rd control

Peptide			
NH2-YNTLGGVC<Cmm*>LNVGC<Cmm*>IP	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AVLFLYLNR-COOH	*			
NH2-GEFNVPFGR-COOH	*			
NH2-HIPVLISNHDTMLTR-COOH	*			
#Gln->pyro-Glu (N-term Q)#-QLLQELQESFG	*			
NH2-AKQDYYEILGVSK-COOH	*			
NH2-FFDDLTR-COOH	*			
NH2-LAGEGEAGEHGAPAGDLYVQVQVK-CO	*			
NH2-QLLQELQESFGGPTGEHNSPR-COOH	*			
NH2-VVVETPVGLNER-COOH	*			
NH2-YNM<Mox>ELTLEEAVR-COOH	*			
NH2-YNMELTLEEAVR-COOH	*			
#Gln->pyro-Glu (N-term Q)#-QAVTNPQNTI	*			
NH2-AKIELSSAQQTDVNLPYITADATGPK-CO	*			
NH2-AKLESLVEDLVNR-COOH	*	PD 1st control	PD 2nd control	
NH2-ASSGLNEDEIQK-COOH	*			
NH2-DAEANAEADRKFEELVQTR-COOH	*			
NH2-DVSIM<Mox>PFK-COOH	*			
NH2-DVSIMPFK-COOH	*			
NH2-FQDEEVQR-COOH	*			
NH2-HSQVFSTAEDNQSAVTIHVLQGER-COO	*		PD 2nd control	
NH2-IELSSAQQTDVNLPYITADATGPK-COOH	*		PD 2nd control	
NH2-IIAADNGDAWVEVK-COOH	*	PD 1st control		
NH2-IIGIDLGTTNSC<Cmm*>VAIM<Mox>D	*			
NH2-IIGIDLGTTNSC<Cmm*>VAIMDGTTPR-	*			
NH2-IINEPTAAALAYGLDK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-IINEPTAAALAYGLDKGTGNR-COOH	*	PD 1st control		
NH2-KDVNPDEAVAIGAAVQGGVLTGDVK-CO	*		PD 2nd control	
NH2-KFEELVQTR-COOH	*			
NH2-KVAEFFGKEPR-COOH	*			
NH2-LESLVEDLVNR-COOH	*			
NH2-LINYLVEEFK-COOH	*			
NH2-LINYLVEEFKK-COOH	*		PD 2nd control	
NH2-M<Mox>APPQISAEVLK-COOH	*			
NH2-M<Mox>APPQISAEVLKK-COOH	*			
NH2-MAPPQISAEVLK-COOH	*			
NH2-MAPPQISAEVLKK-COOH	*			

NH2-NDPLAMQR-COOH	*	PD 1st control	
NH2-QAVTNPQNTLFAIK-COOH	*		
NH2-QAVTNPQNTLFAIKR-COOH	*		
NH2-RIINEPTAAALAYGLDK-COOH	*		
NH2-SIEPLKVALQDAGLSVSDIDDVILVGGQTI	*	PD 1st control	
NH2-SLGQFNLDGINPAPR-COOH	*		PD 2nd control
NH2-TAEDYLGEPVTEAVITVPAYFNDAQR-CC	*		PD 2nd control
NH2-TAIESALTALETALKGEDK-COOH	*		
NH2-TFEVLATNGDTHLGGEDFDSR-COOH	*		PD 2nd control
NH2-TTPSIIAYTQDGETLVGQPAK-COOH	*	PD 1st control	PD 2nd control
NH2-TTPSIIAYTQDGETLVGQPAKR-COOH	*		PD 2nd control
NH2-VAEFFGKEPR-COOH	*		
NH2-VALQDAGLSVSDIDDVILVGGQTR-COO	*	PD 1st control	PD 2nd control
NH2-VLENAEGDRTTPSIIAYTQDGETLVGQPA	*	PD 1st control	
NH2-AHVGDFIFTSK-COOH	*		
NH2-FFDIC<Cmm*>R-COOH	*		
NH2-GLPEGAEIAVQLEGER-COOH	*		
NH2-KFFDIC<Cmm*>R-COOH	*		
NH2-LAVC<Cmm*>SM<Mox>PIGQSLPSHSV	*		
NH2-LAVC<Cmm*>SMPIGQSLPSHSVIVPR-(	*		
NH2-LIEATQFSM<Mox>AHQDVR-COOH	*		
NH2-LIEATQFSMAHQDVR-COOH	*		
NH2-LYVSENQLK-COOH	*		
NH2-M<Mox>LDGGDNPLR-COOH	*		
NH2-VALVQPHEPGATTVPAR-COOH	*		
NH2-YYLNGM<Mox>LFETEGEELR-COOH	*		
NH2-YYLNGMLFETEGEELR-COOH	*		
#Gln->pyro-Glu (N-term Q)#-QVIQFIDLSLIT	*		

NH2-AIGEAKDDDTADILTAASR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ATNLLYTR-COOH	*		PD 2nd control	
NH2-ATVELLNR-COOH	*		PD 2nd control	
NH2-AVQLGGVALGTTQVINSK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DDDTADILTAASR-COOH	*			PD 3rd control
NH2-FLWFIESNIE-COOH	*		PD 2nd control	
NH2-GANFIAVHEM<Mox>LDGFR-COOH	*		PD 2nd control	PD 3rd control
NH2-GANFIAVHEMLDGFR-COOH	*		PD 2nd control	
NH2-KAIGEAKDDDTADILTAASR-COOH	*			

Peptide				
NH2-KATVELLNR-COOH	*			
NH2-QVIQFIDLSLITK-COOH	*		PD 2nd control	PD 3rd control
NH2-SYPLDIHNVQDHLK-COOH	*	PD 1st control		
NH2-TALIDHLDTM\<Mox\>AER-COOH	*		PD 2nd control	
NH2-TALIDHLDTMAER-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YAIVANDVR-COOH	*		PD 2nd control	
NH2-YAIVANDVRK-COOH	*			
NH2-LPIVVYTPDNVDVK-COOH	*		PD 2nd control	
NH2-AGDIAAAIGLK-COOH	*			
NH2-AGPLAGYPVVDM\<Mox\>GIR-COOH	*			
NH2-AGPLAGYPVVDMGIR-COOH	*			
NH2-AKPVLLEPIM\<Mox\>K-COOH	*			
NH2-AKPVLLEPIMK-COOH	*			
NH2-ASYTM\<Mox\>EFLK-COOH	*			
NH2-ASYTMEFLK-COOH	*			
NH2-DVTTGDTLC\<Cmm*\>DPDAPIILER-COOH	*			
NH2-EFNVEANVGKPQVAYR-COOH	*			
NH2-GGVIPGEYIPAVDK-COOH	*			
NH2-GITITSAATTAFWSGMAK-COOH	*			
NH2-GQYGHVVIDM\<Mox\>YPLEPGSNPK-COOH	*			
NH2-GYEFINDIK-COOH	*			
NH2-HASDDEPFSALAFK-COOH	*			
NH2-IATDPFVGNLTFFR-COOH	*		PD 2nd control	
NH2-IGEVHDGAATM\<Mox\>DWM\<Mox\>EQEQER-COOH	*			
NH2-IGEVHDGAATM\<Mox\>DWMEQEQER-COOH	*			
NH2-IHAEVPLSEMFGYATQLR-COOH	*			
NH2-INIIDTPGHVDFTIEVER-COOH	*			
NH2-LGANPVPLQLAIGAEEHFTGVVDLVK-COOH	*		PD 2nd control	PD 3rd control
NH2-M\<Mox\>EFPEPVISIAVEPK-COOH	*			
NH2-MEFPEPVISIAVEPK-COOH	*			
NH2-VEVETPEENTGDVIGDLSR-COOH	*			
NH2-VLNNEIILVTC\<Cmm*\>GSAFK-COOH	*			
NH2-VYSGVVNSGDTVLNSVK-COOH	*			
NH2-YDEAPSNVAQAVIEAR-COOH	*			
NH2-YLGGEELTEAEIK-COOH	*			
NH2-VPLFVQIGEVIK-COOH	*			
NH2-ALTEANGDIELAIENMR-COOH	*			

NH2-DAGFQAFADK-COOH	*		
NH2-FEVGEGIEKVETDFAAEVAAM\<Mox\>SK	*		
NH2-FTGEVSLTGQPFVM\<Mox\>EPSK-COOH	*	PD 2nd control	
NH2-FTGEVSLTGQPFVMEPSK-COOH	*	PD 2nd control	
NH2-VAALEGDVLGSYQHGAR-COOH	*		
#Gln->pyro-Glu (N-term Q)#-QVGVPYIIVFL	*		
NH2-AFDQIDNAPEEK-COOH	*		
NH2-AGENVGVLLR-COOH	*	PD 2nd control	PD 3rd control
NH2-AIDKPFLLPIEDVFSISGR-COOH	*	PD 2nd control	PD 3rd control
NH2-ALEGDAEWEAK-COOH	*	PD 2nd control	PD 3rd control
NH2-C\<Cmm*\>DM\<Mox\>VDDEELLELVEM	*		
NH2-C\<Cmm*\>DM\<Mox\>VDDEELLELVEMI	*		
NH2-C\<Cmm*\>DMVDDEELLELVEM\<Mox\>I	*		
NH2-C\<Cmm*\>DMVDDEELLELVEMEVR-CO	*		
NH2-EHILLGR-COOH	*		
NH2-ELLSQYDFPGDDTPIVR-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-FESEVYILSK-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-FESEVYILSKDEGGR-COOH	*		
NH2-GITINTSHVEYDTPTR-COOH	*		PD 3rd control
NH2-GQVLAKPGTIKPHTK-COOH	*		
NH2-GYRPQFYFR-COOH	*	PD 2nd control	PD 3rd control
NH2-HYAHVDC\<Cmm*\>PGHADYVK-COOH	*		
NH2-ILELAGFLDSYIPEPER-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-M\<Mox\>VVTLIHPIAM\<Mox\>DDGLR-C	*	PD 2nd control	PD 3rd control
NH2-M\<Mox\>VVTLIHPIAMDDGLR-COOH	*	PD 2nd control	PD 3rd control
NH2-MVVTLIHPIAM\<Mox\>DDGLR-COOH	*	PD 2nd control	
NH2-MVVTLIHPIAMDDGLR-COOH	*		
NH2-NM\<Mox\>ITGAAQM\<Mox\>DGAILVV/	*	PD 2nd control	
NH2-NM\<Mox\>ITGAAQM\<Mox\>DGAILVV/	*	PD 2nd control	
NH2-NM\<Mox\>ITGAAQMDGAILVVAATDGI	*		
NH2-NM\<Mox\>ITGAAQMDGAILVVAATDGI	*		
NH2-NMITGAAQM\<Mox\>DGAILVVAATDGI	*		
NH2-NMITGAAQMDGAILVVAATDGPM\<Mc	*		
NH2-NMITGAAQMDGAILVVAATDGPMPQT	*		
NH2-QVGVPYIIVFLNK-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-STC\<Cmm*\>TGVEM\<Mox\>FR-COOH	*		
NH2-STC\<Cmm*\>TGVEMFR-COOH	*		

NH2-TKPHVNVGTIGHVDHGK-COOH	*		
NH2-TTDVTGTIELPEGVEM<Mox>VM<Mox	*		PD 2nd control
NH2-TTDVTGTIELPEGVEM<Mox>VMPGDN	*		PD 2nd control
NH2-TTDVTGTIELPEGVEMVM<Mox>PGDN	*		PD 2nd control
NH2-TTDVTGTIELPEGVEMVMPGDNIK-COO	*		PD 2nd control PD 3rd control
NH2-TTLTAAITTVLAK-COOH	*		PD 2nd control PD 3rd control
NH2-TTLTAAITTVLAKTYGGAAR-COOH	*		
NH2-VGEEVEIVGIK-COOH	*	PD 1st control	PD 2nd control PD 3rd control
NH2-VGEEVEIVGIKETQK-COOH	*		PD 3rd control
NH2-HLPSDTGIEVAFAGR-COOH	*		
NH2-QSLQGLVVLM<Mox>DIR-COOH	*		
NH2-SSALNTLTNQK-COOH	*		
NH2-TNLNYQQTHFVMSAPDIR-COOH	*		
NH2-TQLINLFEVADGKR-COOH	*		
NH2-LDQLAEIVK-COOH	*		PD 2nd control PD 3rd control
NH2-STLFNALTK-COOH	*		
NH2-AFTSEEFTHFLEELTK-COOH	*	PD 1st control	PD 2nd control
NH2-AKGM<Mox>NTAVGDEGGYAPNLGSN	*		
NH2-AVAAVNGPIAQALIGK-COOH	*		PD 2nd control PD 3rd control
NH2-DAGYTAVISHR-COOH	*		
NH2-DAKDQAGIDKIM<Mox>IDLDGTENK-C	*		
NH2-DITLAM<Mox>DC<Cmm*>AASEFYK-C	*		PD 2nd control
NH2-DITLAMDC<Cmm*>AASEFYK-COOH	*		PD 2nd control
NH2-DQAGIDKIM<Mox>IDLDGTENK-COOH	*		
NH2-FGANAILAVSLANAK-COOH	*		PD 2nd control
NH2-FNQIGSLTETLAAIK-COOH	*		PD 2nd control
NH2-GIANSILIK-COOH	*		PD 2nd control
NH2-GM<Mox>NTAVGDEGGYAPNLGSNAE	*		PD 2nd control
NH2-GMNTAVGDEGGYAPNLGSNAEALAVIA	*		PD 2nd control
NH2-GNPTVEAEVHLEGGFVGM<Mox>AAAF	*		PD 2nd control
NH2-GNPTVEAEVHLEGGFVGMAAAPSGAST	*		PD 2nd control
NH2-IQLVGDDLFVTNTK-COOH	*		PD 2nd control
NH2-QYPIVSIEDGLDESDWDGFAYQTK-COO	*		
NH2-SGETEDATIADLAVGTAAGQIK-COOH	*		PD 2nd control
NH2-VLGDKIQLVGDDLFVTNTK-COOH	*	PD 1st control	PD 2nd control
NH2-LIMGLADGEVLVDGR-COOH	*		PD 2nd control
NH2-AVITGLGIVSSIGNNQQEVLASLR-COOH	*		

NH2-AC<Cmm*>EEAAEGQVVSPVNFNSPGO *   PD 2nd control
NH2-SVEYMAAQGVEHLYEVGPGK-COOH * PD 1st control
NH2-DAGIEASQIGYVNAHGTSTPAGDKAEAO *
NH2-FDGFVHSIGFAPGDQLDGDYVNAVTR-C *
NH2-FPFLLVDR-COOH * PD 1st control
NH2-LEPGELYYFAGIDEAR-COOH *
NH2-SVGKLEPGELYYFAGIDEAR-COOH *
NH2-TTNTHTLQIEEILELLPHR-COOH *
NH2-LFALDK-COOH *
NH2-YFATGAATPGAANADATFK-COOH *
NH2-QFNNIGATTPVVPFR-COOH *
NH2-AGSLIAVLILR-COOH *
NH2-YSGSSYPFPTTSETPR-COOH *
NH2-AALMMGINR-COOH *
NH2-VNSDVLTVSTVNSQDQVTQKPLR-COOH *
NH2-LIDGTVFDSSVAR-COOH *
NH2-AITGIFFGSDTGNTENIAK-COOH *   PD 2nd control
NH2-AYVGVDPVKEPIPVRPTAHYTMGGIETD *   PD 2nd control
NH2-YLQDYGMGPETPLGEPK-COOH *   PD 2nd control
NH2-AISDLVADGVLIR-COOH *
NH2-IAFDQNDKPVHVSELFC<Cmm*>R-COO *
NH2-VENALLTVSGFTDFGVSQGK-COOH *
NH2-LFDYLTDTGNLPR-COOH *   PD 2nd control
NH2-SGEGLYFIDKELSTLDTQN-COOH *
NH2-LM<Mox>SALGVR-COOH * PD 1st control
NH2-GISLLDAFGAANDVLK-COOH *   PD 2nd control
NH2-HVDSLITIPNDK-COOH *
NH2-IEGVEFFAVNTDAQALRK-COOH *
NH2-MAFAEQGITELSK-COOH * PD 1st control
NH2-TAVGQTIQIGSGITK-COOH * PD 1st control
NH2-TPAGYPSGSLGPTTAGR-COOH *
NH2-AGIALNDNFVK-COOH *   PD 2nd control PD 3rd control
NH2-DNTPM<Mox>FVK-COOH *
NH2-FDGTVEVKDGHLIVNGK-COOH *
NH2-GANFDKYAGQDIVSNASC<Cmm*>TTN *   PD 2nd control
NH2-GASQNIIPSSTGAAK-COOH *
NH2-GVLGYTEDDVVSTDFNGEVC<Cmm*>T *

NH2-KVVM<Mox>TGPSKDNTPMFVK-COOH	*			
NH2-LVSWYDNETGYSNK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VINDNFGIIEGLM<Mox>TTVHATTATQ	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VINDNFGIIEGLMTTVHATTATQK-COOH	*			PD 3rd control
NH2-VLDLIAHISK-COOH	*	PD 1st control	PD 2nd control	
NH2-VPTPNVSVVDLTVR-COOH	*		PD 2nd control	PD 3rd control
NH2-VPTPNVSVVDLTVRLEK-COOH	*			
NH2-VTAERDPANLK-COOH	*			
NH2-YAGQDIVSNASC<Cmm*>TTNC<Cmm*	*		PD 2nd control	
NH2-AGQMR-COOH	*			
NH2-ETVLNLLALR-COOH	*			
NH2-HFDEM<Mox>KDVTIADLFAK-COOH	*		PD 2nd control	
NH2-LLSNFFAQTEALAFGK-COOH	*		PD 2nd control	
NH2-SNTPILVDGKDVMPEVNAVLEK-COOH	*			
NH2-TFSEAIISGEWK-COOH	*		PD 2nd control	
NH2-VNPETTLFLVASK-COOH	*		PD 2nd control	
NH2-ANTGVTLEPINSQNAPK-COOH	*			PD 3rd control
NH2-NLLPAAFAK-COOH	*	PD 1st control		
NH2-C<Cmm*>VENFVFVSR-COOH	*			
NH2-DIPVFQEVAQLSQNK-COOH	*			
NH2-DSAASIVAQGNFYGTDR-COOH	*			
NH2-DTLSLFLPMLK-COOH	*			
NH2-EFAEATGIDSLAVAIGTAHGMYASAPALL	*			
NH2-QWVNLPLVLHGASGLSTK-COOH	*			
NH2-AAVLC<Cmm*>FAAESVATDC<Cmm*>	*			
NH2-EFVFTIADK-COOH	*			
NH2-TGFNDSLLDIR-COOH	*			
NH2-VGPALTFALR-COOH	*			
NH2-LTDILAAGLQQK-COOH	*			
NH2-SDILNAVGITLDETTTR-COOH	*			
NH2-AVFALGAGVDSILSK-COOH	*			
NH2-AM<Mox>LAAEQHVVTPALER-COOH	*			
NH2-AMLAAEQHVVTPALER-COOH	*			
NH2-C<Cmm*>TQAALALAELC<Cmm*>YNT	*			
NH2-DAGLVVEIAPFGGEC<Cmm*>SQNEIDF	*			
NH2-FLQEWE-COOH	*			
NH2-FVLGFAQSTVEK-COOH	*			

NH2-GIAETAQC<Cmm*>GAILGIGGGK-COO *
NH2-IVAEAAC<Cmm*>AEGETIHNMPGGAT *
NH2-LGEYLKPLAER-COOH *
NH2-LLAAGIGDALATWFEAR-COOH *
NH2-SFKDAGLVVEIAPFGGEC<Cmm*>SQNE *
NH2-WLVVGDK-COOH *
NH2-WLVVGDKFVLGFAQSTVEK-COOH *
NH2-YIQGADVINR-COOH *
NH2-YLLLPNNPNM<Mox>VIVDTK-COOH *
NH2-YLLLPNNPNMVIVDTK-COOH *
NH2-VGDEPYYPVNDNK-COOH *
NH2-LALC<Cmm*>DIASGEISQAK-COOH *
NH2-AGGVFTDEAIDAYIALR-COOH *
NH2-AINALANPTTNSYK-COOH *
NH2-EIPQVAGSLEEALNELDLDREFLK-COOH *
NH2-GGYFPVPPVDSAQDIR-COOH *
NH2-GKEQHVTIPAHQVNAEFFEEGK-COOH *
NH2-LVPGYEAPVMLAYSAR-COOH *
NH2-SAEHVLTMLNEHEVK-COOH *
NH2-LVVATDTAFVPFEFK-COOH *
NH2-DLIVIGGGINGAGIAADAAGR-COOH *
NH2-DYTLDIHDENGKAPLLSVFGGK-COOH *
NH2-ESVLPGGAIEGDRDDYAAR-COOH *
NH2-FGANSVLKPEIK-COOH *
NH2-GLSVLMLEAQDLAC<Cmm*>ATSSASK *
NH2-GLVNATGPWVK-COOH *
NH2-IEESEINYLLNVYNTHFK-COOH *
NH2-LTPYYQGIGPAWTK-COOH *
NH2-LVLANAQM<Mox>VVR-COOH *
NH2-LVLANAQMVVR-COOH *
NH2-LVSEALAER-COOH *
NH2-RYPFLTESLAR-COOH * PD 1st control
NH2-TYGSNSELLLGNAGTVSDLGEDFGHEFYI *
NH2-VSQWLVEYTQQR-COOH * PD 1st control
NH2-YLEHYEFR-COOH *
NH2-YLVDHEWVR-COOH *
NH2-YPFLTESLAR-COOH *

NH2-LINDAYDSEYFATK-COOH * PD 1st control

NH2-VDGGAVANNFLMQFQSDILGTR-COOH * PD 1st control

NH2-LLLPR-COOH * PD 3rd control

NH2-QTQINLLSSM<Mox>AI-COOH * PD 2nd control

NH2-SAFDEFSTPAAR-COOH *

NH2-SPAIEEWLR-COOH * PD 2nd control

NH2-QIAENPILLYMK-COOH *

NH2-LYNIVPYGIDATGHIDYADLEK-COOH * PD 2nd control

NH2-VRQEEHIELIASENYTSPR-COOH *

NH2-VVSGGTDNHLFLVDLVDK-COOH * PD 2nd control

NH2-VVSGGTDNHLFLVDLVDKNLTGK-COOH *

NH2-AIGVLLPSLTNQVFAEVLR-COOH *

NH2-FLRNPEQVSVALR-COOH *

NH2-IAAALDELGYIPNRAPDILSNATSR-COOH *

NH2-IAAALDELGYIPNR-COOH *

NH2-KRPVLQDVADR-COOH *

NH2-LASVLTPR-COOH * PD 1st control

NH2-M<Mox>IEVAGIPVVELM<Mox>DSK-C *

NH2-M<Mox>IEVAGIPVVELMDSK-COOH *

NH2-M<Mox>LDLGFTLSPGGSI-COOH *

NH2-MIEVAGIPVVELM<Mox>DSK-COOH *

NH2-MIEVAGIPVVELMDSK-COOH *

NH2-MLDLGFTLSPGGSI-COOH *

NH2-SPC<Cmm*>LDIAVGFDNFEAAR-COOH *

NH2-VPDDM<Mox>AIAGFHGHDIGQVM<M *

NH2-ELPLTESLALTIDR-COOH * PD 3rd control

NH2-VIPYWNETILPR-COOH * PD 3rd control

NH2-YYLGNADEIAAK-COOH * PD 1st control PD 3rd control

NH2-AFFANPVLTGAVDK-COOH * PD 2nd control

NH2-AFVNADFDGFAR-COOH * PD 2nd control

NH2-AYDLLTLAQGEFQADTAVAGLQAAYAR- *

NH2-VATYDLQPEMSSAELTEK-COOH * PD 2nd control

NH2-AANDDLLNSFWLLDSEK-COOH *

NH2-AANDDLLNSFWLLDSEKGEAR-COOH *

NH2-AGYAEDEVVAVSK-COOH * PD 3rd control

NH2-EVPVEVKPEVR-COOH *

NH2-LGDIEYR-COOH *

NH2-ANPDMSAMVEGIELTLK-COOH   *
NH2-FINELLPVIDSLDR-COOH   *
NH2-VANLEAQLAEAQTR-COOH   * PD 1st control   PD 3rd control
NH2-ETIIVHEIPYQVNK-COOH   *
NH2-ITAILPVTEFEEGVK-COOH   *
NH2-LGEGDKVVSLIVPR-COOH   *
NH2-FDVHTNAEQNLFEPIVR-COOH   *
NH2-TLLLTFFYR-COOH   *
NH2-ILVIAADER-COOH   *
NH2-KLLTGDSPFAANALGK-COOH   *
NH2-LLTGDSPFAANALGK-COOH   * PD 1st control
NH2-MGMNIINDDITGR-COOH   *
NH2-LYQNQDAHTGLQFEAR-COOH   *
NH2-PLYAIWLQNSDK-COOH   *
NH2-QLDLLITTEAPK-COOH   *
NH2-AENAVDFSGLIHQAIVILEK-COOH   *
NH2-AVTLLDESQLDALLDK-COOH   *
NH2-AVVNGEHSLLVLAGAGSGK-COOH   *
NH2-ENPSPFVEILK-COOH   *
NH2-FSGAQM<Mox>SLTTAFHENFGEGER-C *
NH2-GEASPEQILLLAFGR-COOH   *
NH2-GLVWGELEFVLPDEK-COOH   *
NH2-QALSALPLPVNR-COOH   *
NH2-QQLDLIATR-COOH   *
NH2-AKGQSLQDPFLNALR-COOH   *
NH2-ERVPVSIYLVNGIK-COOH   *
NH2-GQSLQDPFLNALR-COOH   *   PD 2nd control
NH2-LQGQIESFDQFVILLK-COOH   *
NH2-NTVSQMVYK-COOH   *
NH2-VPVSIYLVNGIK-COOH   *   PD 2nd control
NH2-FGFVLPMDEC<Cmm*>LAR-COOH   *
NH2-LAFEPGVIPELLK-COOH   *
NH2-AESFQAVADATLAYHK-COOH   *
NH2-EIPFLYASSAATYGGR-COOH   * PD 1st control PD 2nd control
NH2-EYEKPLNVYGYSK-COOH   *
NH2-FLFDEYVR-COOH   * PD 1st control PD 2nd control
NH2-GITDILVVDNLK-COOH   *

NH2-M<Mox>IIVTGGAGFIGSNIVK-COOH   *

NH2-MIIVTGGAGFIGSNIVK-COOH   *   PD 2nd control

NH2-QILPEANSQIVGFR-COOH   * PD 1st control

NH2-TVAEGVTEYMAWLNR-COOH   *

NH2-YFNVYGPR-COOH   *

NH2-YMMDNNYQYSK-COOH   *

NH2-YQAFTQADLTNLR-COOH   * PD 1st control

NH2-SYIDYYEEGK-COOH   *

NH2-EM<Mox>LIADGIDPNELLNSLAAVK-CO *

NH2-SLDDFLIKQ-COOH   *

NH2-AELNDTVVDIAK-COOH   *

NH2-AWPALVDER-COOH   *

NH2-EAARPEITYPDNLPVSQK-COOH   *

NH2-EAM<Mox>IITSALSIQDPR-COOH   *

NH2-EAMIITSALSIQDPR-COOH   *

NH2-ELGIPVNSEPAEYR-COOH   *

NH2-ELVIALIK-COOH   *

NH2-ETPDLLNFEK-COOH   *

NH2-FSIFPGSGLFK-COOH   *

NH2-HALVEGDWQTR-COOH   *

NH2-HFNNAPIIEVSGR-COOH   *

NH2-HTEILPLYAR-COOH   *

NH2-IAEELKTEPGGC<Cmm*>IGYK-COOH   *

NH2-IIITSATIDPER-COOH   *

NH2-ILQAMEQISG-COOH   *

NH2-IVLATNVAETSLTVPGIK-COOH   *

NH2-LFDNPLEQK-COOH   *

NH2-LGLYFNPYGK-COOH   *

NH2-LIDANGGPVWTEEGFAALHEK-COOH   *

NH2-LLEELGAITTDEQASAYK-COOH   *

NH2-LLLLNIPSPIK-COOH   *

NH2-LLM<Mox>QYDTIIIDEAHER-COOH   *

NH2-LLMQYDTIIIDEAHER-COOH   *

NH2-LM<Mox>TDGILLAEIQQDR-COOH   *

NH2-LMTDGILLAEIQQDR-COOH   *

NH2-LPIEPISQASANQR-COOH   *

NH2-LTFTALQQR-COOH   *

NH2-LYSEDDFLSRPEFTDPEILR-COOH *

NH2-NFVPAPNYAEAFLGR-COOH *

NH2-NPDAQQAIFQEM<Mox>AK-COOH *

NH2-NPDAQQAIFQEMAK-COOH *

NH2-QVEQILTAVFNINK-COOH *

NH2-QVEQILTAVFNINKR-COOH *

NH2-SLNIDFLLGYLK-COOH *

NH2-SLQDLKDALK-COOH *

NH2-TDYLNYLR-COOH *

NH2-VDM<Mox>TM<Mox>ALGLSDIK-COO *

NH2-VDMTM<Mox>ALGLSDIK-COOH *

NH2-VDMTMALGLSDIK-COOH *

NH2-VENVQQAWQQWINK-COOH *

NH2-VKPLELPLLDSLER-COOH *

NH2-VLELIDDC<Cmm*>ISC<Cmm*>GVDK- *

NH2-VRAELNDTVVDIAK-COOH *

NH2-VREWQDIYTQLR-COOH *

NH2-VSYFAQQLGTPYPISDKR-COOH *

NH2-VTVYGLPIVAAR-COOH *

NH2-WM<Mox>IEELR-COOH *

NH2-WMIEELR-COOH *

NH2-WVM<Mox>VAELVETSR-COOH *

NH2-VEAAR-COOH *

NH2-YLFENFAVR-COOH *

NH2-KLNALTMPHPDR-COOH *

NH2-LDKWLWAAR-COOH *

NH2-RPASEAALLYEETAESVEK-COOH *

NH2-RPASEAALLYEETAESVEKR-COOH *

NH2-EIVSELDKHIIGQDNAK-COOH *

NH2-HLDALVADEDLSR-COOH *

NH2-IAEAAWQVNESTENIGAR-COOH *

NH2-ILDVLIPPAK-COOH *

NH2-ILTEPNASITVQYK-COOH *

NH2-QDAIDAVEQHGIVFIDEIDK-COOH *

NH2-ALSNPDLYEGDGELR-COOH *

NH2-EGPAEDFANQEAIAK-COOH *

NH2-GTLEDPNLFIR-COOH *

NH2-NKSEITDEEYKEFYK-COOH *
NH2-AFLAQLSEEQVTK-COOH *
NH2-KPAVATAPATGQVQSLTR-COOH *
NH2-LLTTM<Mox>QQQGFVR-COOH *
NH2-NLLAIVHPILR-COOH *
NH2-AAIEYAIANDRDSVTLVHK-COOH *
NH2-EEFGGELIDGGPWLK-COOH *
NH2-STQVYGQDVWLPAETLDLIR-COOH *
NH2-AKEDNIEM<Mox>QGTVLETLPNTM<M *
NH2-AKEDNIEM<Mox>QGTVLETLPNTMFR- *
NH2-AKEDNIEMQGTVLETLPNTM<Mox>FR- *
NH2-AKEDNIEMQGTVLETLPNTMFR-COOH *
NH2-ILTGDKVTVELTPYDLSK-COOH *
NH2-VELENGHVVTAHISGK-COOH *
NH2-VTVELTPYDLSK-COOH *
#Gln->pyro-Glu (N-term Q)#-QQIIGLAEVR- *
NH2-AAM<Mox>SGM<Mox>LSPELK-COOH *
NH2-AAMSGM<Mox>LSPELK-COOH *
NH2-AAMSGMLSPELK-COOH *
NH2-AAQVPVVVAVNK-COOH *
NH2-AAQVPVVVAVNKIDKPEADPDR-COOH *
NH2-ADVQGSVEAISDSLLK-COOH *
NH2-APVVTIM<Mox>GHVDHGK-COOH *
NH2-APVVTIMGHVDHGK-COOH *
NH2-DNVVIYEGELESLR-COOH *
NH2-DNVVIYEGELESLRR-COOH *
NH2-DVVIGETITVGELANK-COOH *
NH2-ENELEEAVM<Mox>SDR-COOH *
NH2-ENELEEAVM<Mox>SDRDTGAAAEPR-(*
NH2-ENELEEAVMSDR-COOH *
NH2-ENELEEAVMSDRDTGAAAEPR-COOH *
NH2-FGAIAGC<Cmm*>M<Mox>VTEGVVK- *
NH2-FGAIAGC<Cmm*>M<Mox>VTEGVVKF *
NH2-FGAIAGC<Cmm*>MVTEGVVK-COOH *
NH2-FGAIAGC<Cmm*>MVTEGVVKR-COOH *
NH2-FKDDVNEVR-COOH *
NH2-GAQATDIVVLVVAADDGVM<Mox>PQ *

NH2-GAQATDIVVLVVAADDGVMPQTIEAIQ* *
NH2-GDIVLC<Cmm*>GFEYGR-COOH *
NH2-GM<Mox>ASGAVIESFLDK-COOH *
NH2-GM<Mox>ASGAVIESFLDKGR-COOH *
NH2-GMASGAVIESFLDK-COOH *
NH2-GMASGAVIESFLDKGR-COOH *
NH2-GPVATVLVR-COOH *
NH2-GSSLQQGFQKPAQAVNR-COOH *
NH2-IIGSGVGGITETDATLAAASNAILVGFNVF*
NH2-KGM<Mox>ASGAVIESFLDK-COOH *
NH2-KGM<Mox>ASGAVIESFLDKGR-COOH *
NH2-KGMASGAVIESFLDK-COOH *
NH2-KGMASGAVIESFLDKGR-COOH *
NH2-KGSSLQQGFQKPAQAVNR-COOH *
NH2-KVIEAESLDLR-COOH *
NH2-LAAEEQAQR-COOH *
NH2-LAAEEQAQREAEEQAR-COOH *
NH2-LENM<Mox>FANM<Mox>TEGEVHEV*
NH2-LGAM<Mox>ATINQVIDQETAQLVAEEM*
NH2-LGAM<Mox>ATINQVIDQETAQLVAEEM*
NH2-LGAMATINQVIDQETAQLVAEEM<Mox*
NH2-LGAMATINQVIDQETAQLVAEEMGHK-*
NH2-LVQQFADAGIR-COOH *
NH2-M<Mox>AEENKWTDNAEPTEDSSDYHV*
NH2-MAEENKWTDNAEPTEDSSDYHVTTSQ*
NH2-NELGQEVLEAGPSIPVEILGLSGVPAAGD*
NH2-NELGQEVLEAGPSIPVEILGLSGVPAAGD*
NH2-NELSQYGILPEEWGGESQFVHVSAK-CO*
NH2-NGMEC<Cmm*>GIGVK-COOH *
NH2-QQIIGLAEVR-COOH *
NH2-RENELEEAVM<Mox>SDRDTGAAAEPR*
NH2-RM<Mox>AEENKWTDNAEPTEDSSDYH*
NH2-RMAEENKWTDNAEPTEDSSDYHVTTSQ*
NH2-SKLENM<Mox>FANM<Mox>TEGEVHE*
NH2-SKLENM<Mox>FANMTEGEVHEVNIVL*
NH2-SKLENMFANM<Mox>TEGEVHEVNIVL*
NH2-SKLENMFANMTEGEVHEVNIVLK-COOH*

NH2-TGDVIEVFEIIEIQR-COOH *

NH2-TSLLDYIR-COOH *

NH2-VIEAESLDLR-COOH *

NH2-VKNELSQYGILPEEWGGESQFVHVSAK-(*

NH2-WTDNAEPTEDSSDYHVTTSQHAR-COO *

NH2-YYSVIYNLIDEVK-COOH *

#Gln->pyro-Glu (N-term Q)#-QMIMVLAPK- *

NH2-AEEAGVDLVEISPNAEPPVC<Cmm*>R-(*

NH2-DDLQELAVVESFPTK-COOH *

NH2-DDLQELAVVESFPTKIEGR-COOH *

NH2-EALEKAEEAGVDLVEISPNAEPPVC<Cmr *

NH2-EM<Mox>AHQQIGM<Mox>EVLNR-CC *

NH2-EM<Mox>AHQQIGMEVLNR-COOH *

NH2-EMAHQQIGM<Mox>EVLNR-COOH *

NH2-EMAHQQIGMEVLNR-COOH *

NH2-FLEEGDKAK-COOH *

NH2-FLYEK-COOH *

NH2-FRPGTDEGDYQVK-COOH *

NH2-GREM<Mox>AHQQIGM<Mox>EVLNR *

NH2-GREM<Mox>AHQQIGMEVLNR-COOH *

NH2-GREMAHQQIGM<Mox>EVLNR-COOH *

NH2-GREMAHQQIGMEVLNR-COOH *

NH2-IM<Mox>DYGK-COOH *

NH2-IMDYGK-COOH *

NH2-LTGLEGEQLGIVSLR-COOH *   PD 2nd control

NH2-QM<Mox>IM<Mox>VLAPK-COOH *

NH2-QM<Mox>IMVLAPK-COOH *

NH2-QMIM<Mox>VLAPK-COOH *

NH2-QMIMVLAPK-COOH *

NH2-VKDDLQELAVVESFPTK-COOH *

NH2-VKDDLQELAVVESFPTKIEGR-COOH *

NH2-AEM<Mox>SEYLFDK-COOH *

NH2-AEMSEYLFDK-COOH *

NH2-AEMSEYLFDKLGLSK-COOH *

NH2-ELVELFFEEIR-COOH *

NH2-ELVELFFEEIRR-COOH *

NH2-LSGFGNFDLR-COOH * PD 1st control PD 2nd control

NH2-TGEDIPITAR-COOH *
NH2-EMLEHMASTLAQGER-COOH *
NH2-GFGSFSLHYR-COOH *
NH2-TVEDAVKEM<Mox>LEHM<Mox>ASTL *
NH2-TVEDAVKEM<Mox>LEHMASTLAQGER *
NH2-TVEDAVKEMLEHMASTLAQGER-COOH *
NH2-ALATFSGSIVSLIATK-COOH *
NH2-IITIDASVMK-COOH *
NH2-LLDGNGLYLYVPVSGK-COOH *
NH2-NFPFLPADQIPAFNK-COOH *
NH2-EYDHIKDVNDLPELLK-COOH *
NH2-ALGLNDELAHSSIR-COOH *
NH2-EIVFTSGATESDNLAIK-COOH *
NH2-IYGPK-COOH *
NH2-LPIDLSQLK-COOH *
NH2-NQIADLVGADPR-COOH * PD 1st control
NH2-LVTDELVIALVK-COOH *   PD 2nd control
#Gln->pyro-Glu (N-term Q)#-QATAALTALSI * PD 1st control
NH2-DALFQSDAFVNK-COOH * PD 1st control
NH2-IADLRLEQFEVNQQR-COOH * PD 1st control
NH2-IGDTVTIGSFSGTVSK-COOH * PD 1st control
NH2-ILSTLSLR-COOH * PD 1st control
NH2-LEHQLQLLQEAVNSK-COOH * PD 1st control
NH2-LINWSLTDTTTR-COOH * PD 1st control
NH2-LVQQDLTDTLATLDK-COOH * PD 1st control
NH2-LVQQDLTDTLATLDKIDR-COOH *   PD 2nd control
NH2-QATAALTALSDVDNDEETRK-COOH * PD 1st control
NH2-QELEINQQLSQR-COOH * PD 1st control
NH2-SLEGNTVLQDTLQK-COOH * PD 1st control
NH2-GEIAK-COOH *   PD 3rd control
NH2-FSDGEVSVQINENVR-COOH *
NH2-ITAVIPYFGYAR-COOH *
NH2-LFAGNATPELAQR-COOH *
NH2-VVADFLSSVGVDR-COOH * PD 1st control
NH2-AEAGDVANAILDGTDAVM<Mox>LSGE *
NH2-AEAGDVANAILDGTDAVMLSGESAK-CO *   PD 2nd control
NH2-EITSTDDFYR-COOH *

Peptide				
NH2-GAVETAEKLDAPLIVVATQGGK-COOH	*		PD 2nd control	
NH2-GDLGVEIPVEEVIFAQK-COOH	*			
NH2-GVNLPGVSIALPALAEK-COOH	*		PD 2nd control	
NH2-LNFSHGDYAEHGQR-COOH	*			
NH2-EKVGIDYK-COOH	*			
NH2-GLPADVVPGDILLLDDGR-COOH	*			
NH2-GVTPVHFDSANDGVAAASEAVNLLR-CC	*		PD 2nd control	
#Gln->pyro-Glu (N-term Q)#-QVRPGADYNW	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ALDILTATPPDVFNHNLENVPR-COOH	*	PD 1st control		PD 3rd control
NH2-C<Cmm*>PFC<Cmm*>DVAHGRPVAP	*			PD 3rd control
NH2-DGGAQHFADC<Cmm*>ITAIR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-HGVTM<Mox>LTLGQYLQPSR-COOH	*	PD 1st control	PD 2nd control	
NH2-HGVTMLTLGQYLQPSR-COOH	*	PD 1st control		PD 3rd control
NH2-IETLVPDFR-COOH	*	PD 1st control	PD 2nd control	
NH2-LAQTIADMALR-COOH	*		PD 2nd control	PD 3rd control
NH2-QVRPGADYNWSLK-COOH	*	PD 1st control		PD 3rd control
NH2-SGLM<Mox>VGLGETNEEIIEVM<Mox>	*			PD 3rd control
NH2-SGLM<Mox>VGLGETNEEIIEVMR-COO	*			PD 3rd control
NH2-SGLMVGLGETNEEIIEVM<Mox>R-COO	*			PD 3rd control
NH2-YVSPDEFDEMK-COOH	*			PD 3rd control
NH2-YVVITSVDRDDLR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QAQEILDTDH	*			
NH2-ADVAM<Mox>TGEITLR-COOH	*			
NH2-ADVAMTGEITLR-COOH	*			
NH2-AEYLESPTIDER-COOH	*			
NH2-AEYLESPTIDEREQEVLVR-COOH	*			
NH2-DGPSAGIAMC<Cmm*>TALVSC<Cmm	*			
NH2-DIHVHVPEGATPK-COOH	*			
NH2-DLEEIPDNVIADLDIHPVK-COOH	*			
NH2-DLEEIPDNVIADLDIHPVKR-COOH	*			
NH2-DVVVYPHM<Mox>VIPLFVGR-COOH	*			
NH2-EASTDEPGVNDLFTVGTVASILQM<Mox	*			
NH2-EASTDEPGVNDLFTVGTVASILQMLK-CC	*			
NH2-ELGEM<Mox>DDAPDENEALKR-COOH	*			
NH2-ELGEMDDAPDENEALK-COOH	*			
NH2-ELGEMDDAPDENEALKR-COOH	*			
NH2-GELTVDDSAIIGIIR-COOH	*			

NH2-GPILC<Cmm*>LVGPPGVGK-COOH *

NH2-GQVLPIGGLK-COOH *

NH2-GYIDWMVQVPWNAR-COOH *

NH2-HIEINGDNLHDYLGVQR-COOH *

NH2-IEEVLTLALQNEPSGM<Mox>QVVTAK-(*

NH2-IEEVLTLALQNEPSGMQVVTAK-COOH *

NH2-IEIPVLPLR-COOH *

NH2-IKGPILC<Cmm*>LVGPPGVGK-COOH *

NH2-ILEYLAVQSR-COOH *

NH2-IPPEVLTSLNSIDDPAR-COOH *

NH2-ISALSDNGEHFSAK-COOH *

NH2-KGELTVDDSAIIGIIR-COOH *

NH2-KIPPEVLTSLNSIDDPAR-COOH *

NH2-LADKQSVLEM<Mox>SDVNER-COOH *

NH2-LADTIAAHM<Mox>PLK-COOH *

NH2-LADTIAAHMPLK-COOH *

NH2-LGINPDFYEK-COOH *

NH2-LGINPDFYEKR-COOH *

NH2-LSGYTEDEKLNIAK-COOH *

NH2-LTYTGSLGEVM<Mox>QESIQAALTVVR *

NH2-LTYTGSLGEVMQESIQAALTVVR-COOH *

NH2-M<Mox>M<Mox>SPM<Mox>SAEATV *

NH2-M<Mox>MSPMSAEATVVR-COOH *

NH2-MM<Mox>SPMSAEATVVR-COOH *

NH2-MMSPM<Mox>SAEATVVR-COOH *

NH2-MMSPMSAEATVVR-COOH *

NH2-NPLFLLDEIDK-COOH *

NH2-NPLFLLDEIDKM<Mox>SSDM<Mox>R- *

NH2-NPLFLLDEIDKMSSDM<Mox>R-COOH *

NH2-QAQEILDTDHYGLER-COOH *

NH2-RIEEVLTLALQNEPSGM<Mox>QVVTAK *

NH2-TAISQFEGYIK-COOH *

NH2-TVLIPFENK-COOH *

NH2-TVLIPFENKR-COOH *

NH2-VGQVTGLAWTEVGGDLLTIETAC<Cmm *

NH2-LAAALLPLLANGK-COOH *

NH2-M<Mox>QAEGC<Cmm*>EAWYEM<M *

NH2-M<Mox>AQILDTTPQPAQNIAPSAVIDA *
NH2-MAQILDTTPQPAQNIAPSAVIDATAK-C *
NH2-NPYLTYAR-COOH *
NH2-TAALVMNIDDMSK-COOH *
NH2-VIIGDRVEIGAC<Cmm*>TTIDR-COOH *
NH2-GAPDVFEQFNTAVQK-COOH *
NH2-LLGETLLR-COOH *
NH2-TYVVM<Mox>EEVK-COOH *
NH2-TYVVMEEVK-COOH *
NH2-VGLSPTPC<Cmm*>LER-COOH *
#Gln->pyro-Glu (N-term Q)#-QLLDQLFTEH *
NH2-AGVGISVVNPLTALDYAASGLVVR-COO *
NH2-HDLGLTETLHTPAGTER-COOH *
NH2-LVTSLDAILSSATTA-COOH *
NH2-VLTPDDFQGENYISLSR-COOH *
NH2-AGLTFLVDLIK-COOH   * PD 1st control   PD 2nd control PD 3rd control
NH2-EFLENYLLTDEGLEAVNK-COOH *
NH2-FGGYAQSGLLAEITPDK-COOH *   PD 2nd control
NH2-FPQVAATGDGPDIIFWAHDR-COOH *
NH2-LIAYPIAVEALSLIYNK-COOH   * PD 1st control
NH2-LYPFTWDAVR-COOH *
NH2-TWEEIPALDKELK-COOH   *   PD 2nd control
NH2-VNYGVTVLPTFK-COOH   *   PD 2nd control
NH2-VNQVAEVLQLAHLLDR-COOH   * PD 1st control
NH2-ASLM<Mox>SM<Mox>TPTLNR-COOH *
NH2-ASLMSMTPTLNR-COOH *
NH2-ASVGAPPDILGPLGQNWGLPPM<Mox> *
NH2-AYEPFIELLR-COOH *
NH2-AYPEQSM<Mox>AVAATHDLPTLR-COO *
NH2-C<Cmm*>M<Mox>VIGEDLGTVPVEIV *
NH2-C<Cmm*>MVIGEDLGTVPVEIVGK-CO *
NH2-C<Cmm*>YEPQALLNK-COOH *
NH2-DLAVGVAEGGAETWC<Cmm*>DR-CO *
NH2-GGSFIGLNPIHALYPANPESASPYSPSSR- *
NH2-GYWEC<Cmm*>GDLTLGK-COOH *
NH2-LDNAALAAGISPNYINAHGKPQSISAETK *
NH2-LPEGYHTLTLTQDDQR-COOH *

NH2-LSATLESM<Mox>FADDGVNK-COOH *
NH2-LWGAC<Cmm*>VQLYTLR-COOH *
NH2-NWGIGDFGDLK-COOH *
NH2-QFVAEQGDSLFWQAAFDALHAQQVK-C *
NH2-RLDNAALAAGISPNYINAHGKPQSISAET *
NH2-TLGLYPDEVVLR-COOH *
NH2-VAVTPVPNVM<Mox>VYTSGK-COOH *
NH2-VAVTPVPNVMVYTSGK-COOH *
NH2-FGELPFLFK-COOH *   PD 2nd control
NH2-YIDIPELVANVK-COOH *   PD 2nd control
NH2-GSGPYFYLPK-COOH *
NH2-IQQQQDIDNGTLPDFISETASIR-COOH *   PD 2nd control
NH2-QAVTMDKPFLNAYSR-COOH *
NH2-QILTAEAVEFLTELVTHFTPQR-COOH *
NH2-RVEITGPVER-COOH *
NH2-TEQATTTDELAFTRPYGEQEK-COOH *
NH2-VFM<Mox>ADFEDSLAPDWNK-COOH *   PD 2nd control
NH2-VFMADFEDSLAPDWNK-COOH *   PD 2nd control
NH2-VIASELGEER-COOH *
NH2-WDYIFSYIK-COOH *   PD 2nd control
NH2-FVEGGQLGIFR-COOH *
NH2-LNLVQSIITR-COOH *   PD 2nd control
NH2-LPPEANLMGFAHYLEALDFQR-COOH * PD 1st control
NH2-TLIAYHKGDAATVESVDRM<Mox>MSA * PD 1st control
NH2-TLIAYHKGDAATVESVDRMM<Mox>SA * PD 1st control
NH2-TSELAQSLSSWPK-COOH * PD 1st control
NH2-AC<Cmm*>IGIITNPVNTTVAIAAEVLKK *
NH2-DIALGEEFVNK-COOH *
NH2-FFSQPLLLGK-COOH *   PD 2nd control
NH2-GFSGEDATPALEGADVVLISAGVAR-COO *
NH2-IKGFSGEDATPALEGADVVLISAGVAR-C *
NH2-IQNAGTEVVEAK-COOH *
NH2-LFGVTTLDIIR-COOH *
NH2-SDLFNVNAGIVK-COOH * PD 1st control
NH2-SNTFVAELK-COOH *
NH2-TQLPSGSELSLYDIAPVTPGVAVDLSHIPT *
NH2-VAVLGAAGGIGQALALLLK-COOH *

Peptide				
NH2-EIWFLC<Cmm*>R-COOH	*		PD 2nd control	
NH2-EMIQALADAR-COOH	*			PD 3rd control
NH2-EMLQNSPMALR-COOH	*			PD 3rd control
NH2-QALDM<Mox>GLVNTVVPLADLEK-COOH	*			PD 3rd control
NH2-QALDM<Mox>GLVNTVVPLADLEKETVI	*	PD 1st control		PD 3rd control
NH2-QALDMGLVNTVVPLADLEK-COOH	*			PD 3rd control
NH2-VGSFDGGWGASYM<Mox>AR-COOH	*			PD 3rd control
NH2-VGSFDGGWGASYMAR-COOH	*			PD 3rd control
NH2-YDDNIGVIILTGAGDK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FFINPTGR-COOH	*			
NH2-FVIGGPM<Mox>GDC<Cmm*>GLTGR-	*			
NH2-IADQISDAVLDAILEQDPK-COOH	*		PD 2nd control	
NH2-IVGIDAVVLSTQHSEEIDQK-COOH	*		PD 2nd control	
NH2-VPSEQLTLLVR-COOH	*			
NH2-ASNQGEPVILDINADAGKAYADTVER-COOH	*			
NH2-ASNQGEPVILDINADAGK-COOH	*			
NH2-LVGVIPEDQSVLR-COOH	*	PD 1st control		
NH2-MLSFEEIGTSTLQSR-COOH	*	PD 1st control	PD 2nd control	
NH2-TAWENIIAPQLDAR-COOH	*		PD 2nd control	
NH2-TLIFAMPGSTK-COOH	*		PD 2nd control	
NH2-LADIASGQPLPVAGK-COOH	*			
NH2-EDIDAEQLATGDLSER-COOH	*			
NH2-LLIAPVLR-COOH	*			
NH2-LNELGASSINFVVR-COOH	*		PD 2nd control	
NH2-QILTNIIQSEDR-COOH	*	PD 1st control		PD 3rd control
NH2-HLVSPADALPGR-COOH	*			
NH2-SAIYPLTPEQDAAAR-COOH	*			
NH2-AWVEEHVGFVDSAVDR-COOH	*		PD 2nd control	
NH2-FENPYLKDDVER-COOH	*			
NH2-IQIAEQSQLAPASVTK-COOH	*			
NH2-LIDQYGPISR-COOH	*			
NH2-M<Mox>TPGGQAQIGNVDLVK-COOH	*			
NH2-NGNVGEIGHIQVEPLGER-COOH	*			
NH2-SAIGAFALVK-COOH	*			
NH2-TIAIAINLFNPQK-COOH	*			
NH2-VLAEEHYPLPER-COOH	*			
NH2-VLLPAIESC<Cmm*>INTQALK-COOH	*			

NH2-LIAHVGC<Cmm*>VSTAESQQLAASAK-	*		
NH2-ALQSHLNSVSATWHAFGQTTNK-COOH	*		
NH2-DFLSHPGGIAHFEQLR-COOH	*		
NH2-LFFESSLVR-COOH	*		
NH2-YAAEHATDEQIDLLAK-COOH	*		
NH2-AADLVDALGQENNPEWK-COOH	* PD 1st control		
NH2-AWAALSEFTGR-COOH	* PD 1st control		
NH2-AYTPAWAEQITGVSR-COOH	* PD 1st control		
NH2-IVNLPGSEITQQR-COOH	* PD 1st control		PD 3rd control
NH2-TPDAHFFTEVR-COOH	* PD 1st control		
NH2-TVAVTPDYAEIAK-COOH	* PD 1st control		
NH2-IADEAR-COOH	*		PD 3rd control
NH2-QLLNEFPELK-COOH	*	PD 2nd control	
NH2-MTSISEVTDVYGVSR-COOH	*		
NH2-NGGIR-COOH	*		
NH2-DAGLK-COOH	*		
NH2-GEGQPGDIETLEQLC<Cmm*>R-COOH	*		
NH2-LGTALAM<Mox>AVDHEINM<Mox>VS	*		
NH2-FFQVYDPAYYDSK-COOH	*		
NH2-IPELAGIKDAAPDATFR-COOH	*		
NH2-GVC<Cmm*>TLEDLAEQGIDDLADIEGL	*		
NH2-ESAPAAAAPAAQPALAAR-COOH	*		
NH2-QQASLEEQNNDALSPAIR-COOH	*		
NH2-SSVDILVPDLPESVADATVATWHK-COO	*		
#Acetyl (Protein N-term)#-SERFPNDVDPIE	* PD 1st control		PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QENVYYYITTL	*		PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QENVYYYITTL	*	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QEVHGNGLSS	*		PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QIGIYSPNGQ(	* PD 1st control	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QIGIYSPNGQ(	*	PD 2nd control	
#Gln->pyro-Glu (N-term Q)#-QPNFTEKLELF	* PD 1st control	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QTVYAFLGDG	*	PD 2nd control	PD 3rd control
NH2-AFLEGR-COOH	* PD 1st control		PD 3rd control
NH2-ALNVM<Mox>LK-COOH	*		PD 3rd control
NH2-ALNVMLK-COOH	* PD 1st control	PD 2nd control	
NH2-AQYLIDQLLAEAR-COOH	* PD 1st control	PD 2nd control	PD 3rd control
NH2-AQYLIDQLLAEARK-COOH	* PD 1st control		

NH2-ARNEQDGGDLVYFQGHISPGVYAR-COO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ATVILAHTIK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ATVILAHTIKGYGMGDAAEGK-COOH	*			PD 3rd control
NH2-DGAYVR-COOH	*			PD 3rd control
NH2-DGQDC<Cmm*>ER-COOH	*		PD 2nd control	PD 3rd control
NH2-DLELGGHM<Mox>ASFQSSATIYDVC<C	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DLELGGHMASFQSSATIYDVC<Cmm*>I	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DRFNVPVSDADIEK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DRFNVPVSDADIEKLPYITFPEGSEEHTYL	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DRLVPIIADEAR-COOH	*	PD 1st control		PD 3rd control
NH2-DWLQAIESVIR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DWLQAIESVIREEGVER-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DYGVGSDVYSVTSFTELAR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EAAEILAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EAAEILAKDYGVGSDVYSVTSFTELAR-CC	*	PD 1st control		
NH2-EHFFGKYPETAALVADWTDEQIWALNR	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EISTTIAFVR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EKLDNLVFVINC<Cmm*>NLQR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EQVAYYK-COOH	*			PD 3rd control
NH2-EQVAYYKEDEK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FNIDADK-COOH	*			PD 3rd control
NH2-FNIDADKVNPR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FNVPVSDADIEK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FNVPVSDADIEKLPYITFPEGSEEHTYLHA	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FPNDVDPIETR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FPNDVDPIETRDWLQAIESVIR-COOH	*	PD 1st control		
NH2-GAITIATR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GFLIGGTSGR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GGVNVAAGTGISNYINTIPVEEQPEYPGN	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GGVNVAAGTGISNYINTIPVEEQPEYPGN	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GIYKLETIEGSK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GKATVILAHTIK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GKVQLLGSGSILR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-GYGM<Mox>GDAAEGK-COOH	*		PD 2nd control	PD 3rd control
NH2-GYGMGDAAEGK-COOH	*		PD 2nd control	PD 3rd control
NH2-HHFEVDASYVVVAALGELAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-HHFEVDASYVVVAALGELAKR-COOH	*	PD 1st control		

	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-IGDLC<Cmm*>WAAGDQQAR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-IINELEGIFEGAGWNVIK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-IYAAFK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-KDLELGGHMASFQSSATIYDVC<Cmm*:	*	PD 1st control		PD 3rd control
NH2-KGGVNVAAGTGISNYINTIPVEEQPEYPG	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-KGGVNVAAGTGISNYINTIPVEEQPEYPG	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-KGIYKLETIEGSK-COOH	*	PD 1st control		PD 3rd control
NH2-KIYAAFK-COOH	*			PD 3rd control
NH2-KMNMDGVR-COOH	*			PD 3rd control
NH2-KVVADAIAK-COOH	*			PD 3rd control
NH2-LDGPVTGNGK-COOH	*	PD 1st control		PD 3rd control
NH2-LDGPVTGNGKIINELEGIFEGAGWNVIK-	*	PD 1st control		
NH2-LDNLVFVINC<Cmm*>NLQR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LELPSLQDFGALLEEQSK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LELPSLQDFGALLEEQSKEISTTIAFVR-CC	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LETIEGSK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LFAEQVR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LHGYLPSR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LIQLM<Mox>NETVDGDYQTFK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LIQLMNETVDGDYQTFK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LM<Mox>PEFWQFPTVSM<Mox>GLGI	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LM<Mox>PEFWQFPTVSMGLGPIGAIY(	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LMPEFWQFPTVSM<Mox>GLGPIGAIY(	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LMPEFWQFPTVSMGLGPIGAIYQAK-CC	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LPYITFPEGSEEHTYLHAQR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LTQEQLDNFR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LTQEQLDNFRQEVHGNGLSSYPHPK-CO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LVPIIADEAR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-M<Mox>NM<Mox>DGVR-COOH	*		PD 2nd control	
NH2-MNMDGVR-COOH	*	PD 1st control		
NH2-NEQDGGDLVYFQGHISPGVYAR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-NIAHQVK-COOH	*	PD 1st control	PD 2nd control	
NH2-QENVYYYITTLNENYHM<Mox>PAM<M	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHM<Mox>PAM<M	*		PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHM<Mox>PAMPE	*		PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHM<Mox>PAMPE	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHMPAM<Mox>PE	*		PD 2nd control	PD 3rd control

NH2-QENVYYYITTLNENYHMPAM<Mox>PE*		PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHMPAMPEGAEEG*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QENVYYYITTLNENYHMPAMPEGAEEG*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QEVHGNGLSSYPHPK-COOH*			PD 3rd control
NH2-QIGIYSPNGQQYTPQDR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QIGIYSPNGQQYTPQDREQVAYYK-COO*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QKLHGYLPSR-COOH*	PD 1st control		PD 3rd control
NH2-QPNFTEK-COOH*			PD 3rd control
NH2-QPNFTEKLELPSLQDFGALLEEQSK-COO*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QPNFTEKLELPSLQDFGALLEEQSKEISTT*	PD 1st control		
NH2-QTVYAFLGDGEM<Mox>DEPESK-COO*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QTVYAFLGDGEMDEPESK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SAIRWNAIMTVLR-COOH*	PD 1st control		
NH2-SERFPNDVDPIETR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TFGM<Mox>EGLFR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TFGMEGLFR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TYVPADDYR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VLGTDGFGR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VPYIAQVM<Mox>NDAPAVASTDYM<M*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VPYIAQVM<Mox>NDAPAVASTDYMK-*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VPYIAQVMNDAPAVASTDYM<Mox>K-*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VPYIAQVMNDAPAVASTDYMK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VQLLGSGSILR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VVADAIAK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-WDELLR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-WNAIM<Mox>TVLR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-WNAIMTVLR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-WNM<Mox>LHPLETPR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-WNMLHPLETPR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YPETAALVADWTDEQIWALNR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QEAAPAAAPA*			PD 3rd control
NH2-AEAAPAATGGGIPGM<Mox>LPWPK-C*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AEAAPAATGGGIPGMLPWPK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AEAPAAAPAAK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AEGKSEFAENDAYVHATPLIR-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AIEIKVPDIGADEVEITEILVK-COOH*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AVAAALEQM<Mox>PR-COOH*	PD 1st control	PD 2nd control	PD 3rd control

Peptide	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-AVAAALEQMPR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-DVNVPDIGSDEVEVTEILVK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EAAPAAAPAAAAAK-COOH	*		PD 2nd control	PD 3rd control
NH2-EDVQAYVK-COOH	*		PD 2nd control	PD 3rd control
NH2-EFGVNLAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ELMTISK-COOH	*			PD 3rd control
NH2-EVNVPDIGGDEVEVTEVM<Mox>VK-CO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-EVNVPDIGGDEVEVTEVMVK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FGEIEEVELGR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FITIINNTLSDIR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FITIINNTLSDIRR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FNSSLSEDGQR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ILREDVQAYVK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ISGANLSR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ITPVVFIM<Mox>KAVAAALEQM<Mox>	*			PD 3rd control
NH2-ITPVVFIM<Mox>KAVAAALEQMPR-CO	*		PD 2nd control	
NH2-ITPVVFIM<Mox>K-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ITPVVFIMKAVAAALEQM<Mox>PR-CO	*			PD 3rd control
NH2-ITPVVFIMKAVAAALEQMPR-COOH	*	PD 1st control	PD 2nd control	
NH2-ITPVVFIMK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-KEAAPAAAPAAAAAK-COOH	*		PD 2nd control	PD 3rd control
NH2-KGIIELSR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-KYINIGVAVDTPNGLVVPVFK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LM<Mox>LPISLSFDHR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-LMLPISLSFDHR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-NWVM<Mox>IPHVTHFDK-COOH	*		PD 2nd control	PD 3rd control
NH2-NWVM<Mox>IPHVTHFDKTDITELEAFR	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-NWVM<Mox>IPHVTHFDKTDITELEAFR	*		PD 2nd control	
NH2-NWVMIPHVTHFDK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-NWVMIPHVTHFDKTDITELEAFR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-NWVMIPHVTHFDKTDITELEAFRK-COO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QEAAAPAPAAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QEAAPAAAPAPAAGVK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-QQNEEAAK-COOH	*		PD 2nd control	
NH2-RAEAAPAATGGGIPGM<Mox>LPWPK-	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-RAEAAPAATGGGIPGMLPWPK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SAM<Mox>EPVWNGK-COOH	*		PD 2nd control	PD 3rd control

Peptide	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SAM<Mox>EPVWNGKEFVPR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SAMEPVWNGK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SAMEPVWNGKEFVPR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-SEFAENDAYVHATPLIR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TDITELEAFR-COOH	*	PD 1st control		PD 3rd control
NH2-TDITELEAFRK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TGSLIM<Mox>IFEVEGAAPAAAPAK-CO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TGSLIM<Mox>IFEVEGAAPAAAPAKQE/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TGSLIMIFEVEGAAPAAAPAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TGSLIMIFEVEGAAPAAAPAKQEAAAP/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TQTGALIM<Mox>IFDSADGAADAAPA(	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TQTGALIM<Mox>IFDSADGAADAAPA(	*	PD 1st control		PD 3rd control
NH2-TQTGALIMIFDSADGAADAAPAQAEEK-	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-TQTGALIMIFDSADGAADAAPAQAEEKI	*		PD 2nd control	PD 3rd control
NH2-TQTGALIMIFDSADGAADAAPAQAEEKI	*			PD 3rd control
NH2-VIDGADGAR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VNVGDKVK-COOH	*		PD 2nd control	PD 3rd control
NH2-VNVGDKVSTGSLIM<Mox>VFEVAGEA(	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VNVGDKVSTGSLIMVFEVAGEAGAAAP/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VPDIGADEVEITEILVK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VSTGSLIM<Mox>VFEVAGEAGAAAPA/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VSTGSLIMVFEVAGEAGAAAPAAK-COC	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VSVGDKTQTGALIM<Mox>IFDSADGA/	*		PD 2nd control	PD 3rd control
NH2-VSVGDKTQTGALIM<Mox>IFDSADGA/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VSVGDKTQTGALIMIFDSADGAADAAP/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VSVGDKTQTGALIMIFDSADGAADAAP/	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YINIGVAVDTPNGLVVPVFK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YINIGVAVDTPNGLVVPVFKDVNK-COO	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-YINIGVAVDTPNGLVVPVFKDVNKK-CO(	*		PD 2nd control	PD 3rd control
NH2-AALIDC<Cmm*>LAPDR-COOH	*			
NH2-AQSVVDYLISK-COOH	*			
NH2-ATLKPEGQAALDQLYSQLSNLDPK-COO	*			
NH2-DGSVVVLGYTDR-COOH	*	PD 1st control		PD 3rd control
NH2-FGQGEAAPVVAPAPAPAPEVQTK-COOI	*			
NH2-IGSDAYNQGLSER-COOH	*			
NH2-LGYPITDDLDIYTR-COOH	*	PD 1st control		PD 3rd control
NH2-RAQSVVDYLISK-COOH	*			

NH2-SDVLFNFNK-COOH

NH2-FQDVGSFDYGR-COOH   * PD 1st control

NH2-INLLDDNQFTR-COOH   * PD 1st control   PD 3rd control

NH2-YDANNIYLAAQYTQTYNATR-COOH   *

NH2-YVDVGATYYFNK-COOH   * PD 1st control

NH2-KLPEDTPVTAQTSIGDNGEIVESTVR-COO *

NH2-YADYQQIQFNHDK-COOH   *

NH2-AEQQLDKDSAIVPVYYYVNAR-COOH   *   PD 2nd control

NH2-LVKPWVGGYTGKDPLDNTYTR-COOH   *   PD 2nd control

NH2-SVDPNTASPYASYLQYGHIAGIDEILEGK- *

NH2-TVINQVTYLPIASEVTDVNR-COOH   *   PD 2nd control

NH2-GKGTVSTESGVLNQQPYGFNTR-COOH   *

NH2-SEVAVPGIDASTFDGIIQK-COOH   *   PD 2nd control

NH2-KLLMKIFR-COOH   *

NH2-AADSC<Cmm*>HVSQPTLSGQIR-COOH *

NH2-DLEYLVALAEHR-COOH   *

NH2-NMVAAGSGITLLPALAVPPER-COOH   *

NH2-SRYEQLAEAIR-COOH   *

NH2-EVAQAAIALIDQPK-COOH   *

NH2-GEDGLAQLYVLPPQSTLTIHVGK-COOH *

NH2-INLNM<Mox>IGLDGRPAVK-COOH   *

NH2-KEDGAVVISALPHQVSGAR-COOH   *

NH2-MLMFPVSDLPQLSK-COOH   *

NH2-SNQPVVFVDSTGR-COOH   *

NH2-SYAIDPITLPSAR-COOH   *

NH2-VLEQIAAQMR-COOH   *

NH2-YPLVDGQGNWGAPDDPK-COOH   *

NH2-RRYEDDDDYDDYDDYEDEEPM<Mox>F *

NH2-GVLTNLGAVAVDTGIFTGR-COOH   *

NH2-LFIDNFDKYTDTPAGAALVAAGPK-COOH *

NH2-NTYASPEQWQEK-COOH   *

NH2-AAYDLLALR-COOH   *

NH2-AGYEAWLVGGGVR-COOH   *

NH2-DFDVTTNATPEQVR-COOH   *

NH2-DIWQLQLR-COOH   *

NH2-DNIFGSIEEDAQR-COOH   *

NH2-DNIFGSIEEDAQRR-COOH *

NH2-EESEAEQAVARPQVTVIPR-COOH *

NH2-GM<Mox>LNELDEEPSPR-COOH *

NH2-GMLNELDEEPSPR-COOH *

NH2-IAQESGLTYHDAFALAM<Mox>NDVLDE *

NH2-IAQESGLTYHDAFALAMNDVLDEAC<Cm *

NH2-ISPETAEPIPR-COOH *

NH2-LAHVM<Mox>FGPEIIEVATFR-COOH *

NH2-LAHVMFGPEIIEVATFR-COOH *

NH2-LATLLNDIPPAR-COOH *

NH2-LLC<Cmm*>EYHLFQPLFPTITR-COOH *

NH2-LLQAGYGYETYK-COOH *

NH2-WWGEFQVSAPPDQK-COOH *

NH2-YFTENGDSPMER-COOH *

NH2-HLAFIEEILLDR-COOH *

NH2-LSDVIEQQLEFLILEGTLRPGEK-COOH *

NH2-GNIGYIGPVPER-COOH *

NH2-MDKLLER-COOH *

NH2-AGAPFGPGANPMHGR-COOH *

NH2-ALIPFGGIK-COOH *

NH2-DAIPTQSVLTITSNVVYGK-COOH *

NH2-EM<Mox>LLDAM<Mox>ENPEKYPQLT *

NH2-ITEQEAQEMVDHLVM<Mox>K-COOH *

NH2-ITEQEAQEMVDHLVMK-COOH *

NH2-IVGLQTEAPLKR-COOH *

NH2-LAQFTSLQADLENGVNLEQTIR-COOH *

NH2-LATAWEGFTK-COOH *

NH2-LPFAYAK-COOH *

NH2-RAGAPFGPGANPMHGR-COOH *

NH2-SEPIKGDVLNYDEVM<Mox>ER-COOH *

NH2-SGVLTGLPDAYGR-COOH *

NH2-THAPVDFDTAVASTITSHDAGYINK-COO *   PD 2nd control

NH2-THNQGVFDVYTPDILR-COOH *

NH2-TM<Mox>AC<Cmm*>GIAGLSVAADSL *

NH2-TM<Mox>LYAINGGVDEK-COOH *

NH2-TMAC<Cmm*>GIAGLSVAADSLSAIK-C(*

NH2-TMLYAINGGVDEK-COOH *

NH2-TSTFLDVYIER-COOH *

NH2-VALYGIDYLM<Mox>K-COOH *

NH2-VALYGIDYLMK-COOH *

NH2-VDDLAVDLVER-COOH *

NH2-ADEQILDIGDASAQELAEILK-COOH * PD 2nd control

NH2-ALKEPARPM<Mox>VAIVGGSK-COOH *

NH2-ALKEPARPMVAIVGGSK-COOH *

NH2-ASLPTIELALK-COOH * PD 2nd control

NH2-DYLDGVDVAEGELVVLENVR-COOH * PD 2nd control

NH2-FADVAC<Cmm*>AGPLLAAELDALGK-C * PD 1st control PD 2nd control

NH2-IADQLIVGGGIANTFIAAQGHDVGK-COO * PD 1st control PD 2nd control PD 3rd control

NH2-ISYISTGGGAFLEFVEGK-COOH * PD 2nd control PD 3rd control

NH2-LLTTC<Cmm*>NIPVPSDVR-COOH * PD 1st control PD 2nd control PD 3rd control

NH2-LTVLDSLSK-COOH * PD 1st control

NH2-SLYEADLVDEAK-COOH * PD 3rd control

NH2-SLYEADLVDEAKR-COOH * PD 3rd control

NH2-SVNDVKADEQILDIGDASAQELAEILK-CC *

NH2-VATEFSETAPATLK-COOH * PD 1st control PD 2nd control PD 3rd control

NH2-VLPAVAM<Mox>LEER-COOH * PD 1st control PD 3rd control

NH2-VLPAVAMLEER-COOH * PD 2nd control PD 3rd control

NH2-YAALC<Cmm*>DVFVM<Mox>DAFGT/ * PD 2nd control

NH2-YAALC<Cmm*>DVFVMDAFGTAHR-CC * PD 2nd control

NH2-AVITGDVTQIDLPR-COOH *

NH2-LLSLC<Cmm*>GPFDDNIK-COOH *

NH2-TPNQAQYIANILDHDITFGVGPAGTGK-C *

NH2-VLEQSAESVPEYGK-COOH *

#Gln->pyro-Glu (N-term Q)#-QC<Cmm*>N *

#Gln->pyro-Glu (N-term Q)#-QFQEALSR-CC *

#Gln->pyro-Glu (N-term Q)#-QHLNLLHILAL *

#Gln->pyro-Glu (N-term Q)#-QVDVLYR-CO *

#Gln->pyro-Glu (N-term Q)#-QVEAPDDWH *

NH2-AQPFAKPVANQR-COOH *

NH2-AYDINLTDLLEEEIDPALGNGGLGR-COO *

NH2-DGRWEPEFTITGQAWDLPVVGYR-COO *

NH2-DKVLDAVLKELESGK-COOH *

NH2-DLFPEYHQLWPNK-COOH *

NH2-EWANDLDQLINLEK-COOH *

NH2-FHNVTNGITPR-COOH   *

NH2-FNDGDFLR-COOH   *

NH2-GYDPVKWR-COOH   *

NH2-HM<Mox>QIINEINTR-COOH   *

NH2-HMQIINEINTR-COOH   *

NH2-HNEALDVQVGIGGK-COOH   *

NH2-HVNYISMEFLIGR-COOH   *

NH2-LAAC<Cmm*>FLDSMATVGQSATGYGL *

NH2-LIPAADISEQISTAGK-COOH   *

NH2-LM<Mox>QQYFQC<Cmm*>AC<Cmm* *

NH2-LMQQYFQC<Cmm*>AC<Cmm*>SVAD *

NH2-LTGNNLLNLGWYQDVQDSLK-COOH   *

NH2-LWQATHAHPFDLTK-COOH   *

NH2-NIIFAINK-COOH   *

NH2-QC<Cmm*>NPALAALLDK-COOH   *

NH2-QFQEALSR-COOH   *

NH2-QGGDPYLVM<Mox>ADFAAYVEAQK-C *

NH2-QGGDPYLVMADFAAYVEAQK-COOH   *

NH2-QVEAPDDWHR-COOH   *

NH2-SNYPWFR-COOH   *

NH2-TFAYTNHTLM<Mox>PEALER-COOH   *

NH2-TFAYTNHTLMPEALER-COOH   *

NH2-TGIEINPQAIFDIQIK-COOH   *

NH2-VADVINNDPLVGDK-COOH   *

NH2-VADVINNDPLVGDKLK-COOH   *

NH2-VFLFGAK-COOH   *

NH2-VGEENIFIFGHTVEQVK-COOH   *

NH2-VLDAVLKELESGK-COOH   *

NH2-VLIDEHQM<Mox>SWDDAWAITSK-CO *

NH2-VLIDEHQMSWDDAWAITSK-COOH   *

NH2-VVFLPDYC<Cmm*>VSAAEK-COOH   *

NH2-WEPEFTITGQAWDLPVVGYR-COOH   *

NH2-YGLNSAAEM<Mox>TPR-COOH   *

NH2-YGLNSAAEMTPR-COOH   *

NH2-YSDGDKHAFDQM<Mox>LHSIGK-COO *

NH2-YSDGDKHAFDQMLHSIGK-COOH   *

NH2-ILEEAVSTALELASGK-COOH   *

NH2-AAVAGIAM<Mox>GLVK-COOH *

NH2-AAVAGIAMGLVK-COOH *

NH2-AKPGQDFFPLTVNYQER-COOH *

NH2-ALTEETGTTIEIEDDGTVK-COOH *

NH2-DAQVLDELM<Mox>GER-COOH *

NH2-DAQVLDELMGER-COOH *

NH2-DGISALQM<Mox>DIK-COOH *

NH2-EIMQVALNQAK-COOH *

NH2-GETQALVTATLGTAR-COOH *

NH2-GVLAVM<Mox>PDM<Mox>DKFPYTVI *

NH2-IEEITAEIEVGR-COOH *

NH2-IPGSFFR-COOH *

NH2-IVDFGAFVAIGGGK-COOH *

NH2-LHILGVM<Mox>EQAINAPR-COOH *

NH2-LHILGVMEQAINAPR-COOH *

NH2-VGYINDQYVLNPTQDELKESK-COOH *

NH2-VTDYLQM<Mox>GQEVPVK-COOH *

NH2-VTDYLQMGQEVPVK-COOH *

NH2-WDWQPEPVNEALNAR-COOH *

NH2-VINGFM<Mox>IQGGGFEPGM<Mox>I *   PD 2nd control

NH2-ADQEFDGLYNELLLEMAR-COOH *

NH2-AQLAIYDYIK-COOH *

NH2-DAEYDLVHEMEASLMELMSSSLK-COOH *

NH2-DMPNALVEVLR-COOH *

NH2-DVLLYYPYHTFEHVLELLR-COOH *

NH2-EIANAQQGLPSGITLK-COOH *

NH2-ELSWLSFNER-COOH *

NH2-FDEEANIHWAK-COOH *

NH2-FLGIYSNNLDEFYK-COOH *

NH2-FVNLPPEAPR-COOH *

NH2-GFFDYDALNAYSM<Mox>K-COOH *

NH2-GFFDYDALNAYSMK-COOH *

NH2-GMC<Cmm*>SLIPNLEGISDNIR-COOH *

NH2-IEVATPLLDPR-COOH *

NH2-LLYEMVDR-COOH *

NH2-LYAASSSGVPVNLLVR-COOH *

NH2-LYTDYSLLTADAR-COOH *

NH2-NQIFLINER-COOH *
NH2-QASFDPSVLAIK-COOH *
NH2-QHITPILINPDTDLVQFLK-COOH *
NH2-QLSVNQQNWLR-COOH *
NH2-VFNFIENPYRPVTFDYLM<Mox>VSPQN *
NH2-VFNFIENPYRPVTFDYLMVSPQNSR-COO *
NH2-VLDIIDILFSDTVK-COOH *
NH2-VLKADQEFDGLYNELLLEM<Mox>AR-C *
NH2-VLKADQEFDGLYNELLLEMAR-COOH *
NH2-VYLSSADWM<Mox>TR-COOH *
NH2-VYLSSADWMTR-COOH *
NH2-YALLEIPSDKVPR-COOH *
NH2-YC<Cmm*>LDDIFK-COOH *
NH2-ATTLQAC<Cmm*>LDEAGDNLAALR-C *
NH2-TALLLEKLEGQLATLR-COOH *
NH2-AGQNAM<Mox>DATVLEITK-COOH *
NH2-AGQNAMDATVLEITK-COOH *
NH2-EEQHTPVSDISALTVGQALK-COOH *
NH2-EVIAFLAER-COOH *
NH2-FPHC<Cmm*>FSAEGEAR-COOH *
NH2-FPHC<Cmm*>FSAEGEARPLK-COOH *
NH2-IGIFQDLVDR-COOH *
NH2-LYTSSWR-COOH *
NH2-VAGEMNLSK-COOH *
NH2-VDLDGNPC<Cmm*>GELDEQHVEHAR- *
NH2-VQLNSGM<Mox>SLIVR-COOH *
NH2-VQLNSGMSLIVR-COOH *
NH2-YLYGVKPGATR-COOH *
NH2-DAAYHFQGDADNDQLSVTPLVGLGK-C *
NH2-DLQSIADYPVK-COOH *
NH2-EALGVLHFK-COOH *
NH2-GFIIDDSVLYSGASLNDVYLHQHDK-COO *
NH2-GILNALYEAK-COOH *
NH2-IC<Cmm*>IVALYLEQDDGGK-COOH *
NH2-IGAAASNTNADWYC<Cmm*>R-COOH *
NH2-IIGALPYLYEINLR-COOH *
NH2-ISQSVDDVDFFYAPADFR-COOH *

NH2-ISQSVDDVDFFYAPADFRETLLEK-COOH *

NH2-LDLENAILIHDPQLELAPQR-COOH *

NH2-LQYYVNTDQLVVR-COOH *

NH2-LTIC<Cmm*>TPYFNLPAILVR-COOH *

NH2-LWKDDDNTYHLK-COOH *

NH2-M<Mox>AQENPGVDVPVYGVPINTR-C *

NH2-MAQENPGVDVPVYGVPINTR-COOH *

NH2-NIIQLLR-COOH *

NH2-TANDFYIPEDEPFK-COOH *

NH2-TIFHLM<Mox>PC<Cmm*>AEQK-COO *

NH2-SLELPAIVGTGSVTSQVK-COOH *

NH2-ATVFIFPDLNTGNTTYK-COOH *

NH2-LSGSVTVGETPVIR-COOH *   PD 3rd control

NH2-VGDTVIEFDLPLLEEK-COOH * PD 1st control

NH2-M<Mox>FQQEVTITAPNGLHTR-COOH *

NH2-DDDPSFDELVALAVETGR-COOH *

NH2-GVLFLVDTWGGSPFNAASR-COOH *

NH2-IIVVSDEVAADTVR-COOH * PD 1st control

NH2-ITSVNVGGMAFR-COOH * PD 1st control

NH2-TLLTQVAPPGVTAHVVDVAK-COOH * PD 1st control PD 2nd control

NH2-TQVNNAVSVDEKDIEAFK-COOH *

NH2-TQVNNAVSVDEKDIEAFKK-COOH *

NH2-VM<Mox>LLFTNPTDVER-COOH * PD 1st control PD 2nd control

NH2-VMLLFTNPTDVER-COOH *   PD 2nd control

NH2-M<Mox>RAQAEK-COOH *

NH2-AVQLNSLSGFC<Cmm*>LTK-COOH *

NH2-ENVTSIIGNGVVLSPAALM<Mox>K-COO *

NH2-ENVTSIIGNGVVLSPAALMK-COOH *

NH2-EVTTTPLAADDWK-COOH *

NH2-IVDLLTER-COOH *

NH2-LDVLDGLK-COOH *

NH2-LLLSEAC<Cmm*>PLILDYHVALDNAR-C *

NH2-RIEELTGVPIDIISTGPDR-COOH *   PD 2nd control

NH2-SGLPQAALNYIK-COOH *

NH2-TGWLDTVAVR-COOH *

NH2-TVLHLIPSGILR-COOH *   PD 2nd control

NH2-VGAGPFPTELFDETGEFLC<Cmm*>K-CO *

NH2-VGDLFDKETFAEK-COOH   *   PD 2nd control

NH2-YVDYVLGILK-COOH   *

NH2-AALTQPLNALR-COOH   *

NH2-AGGPLYLYR-COOH   *

NH2-IADTSLPLDELVADPVTAVEK-COOH   *

NH2-LASLSSALLNSALQK-COOH   *

NH2-LLANRPESALAVTLAR-COOH   *

NH2-LTTDIGPVIDSEAK-COOH   *

NH2-TFSNAIAEVR-COOH   *

NH2-AAILPAAISFEQAAASFLK-COOH   *

NH2-AIGINFIDTYIR-COOH   *

NH2-LPLPTQYQTAIK-COOH   *

NH2-ALQEASGFIR-COOH   *

NH2-EIALILQR-COOH   *

NH2-IVPELTFFYDNSLVEGM<Mox>R-COOH   *

NH2-IVPELTFFYDNSLVEGMR-COOH   *

NH2-LGM<Mox>MTTVSGVEM<Mox>SR-CC   *

NH2-LGM<Mox>MTTVSGVEMSR-COOH   *

NH2-LGMM<Mox>TTVSGVEM<Mox>SR-CC   *

NH2-LGMM<Mox>TTVSGVEMSR-COOH   *

NH2-LGMMTTVSGVEM<Mox>SR-COOH   *

NH2-LGMMTTVSGVEMSR-COOH   *

NH2-MSNLVTSVVK-COOH   *

NH2-MSNLVTSVVKHDEER-COOH   *

NH2-RVNPDDSKED-COOH   *

NH2-VAQEMQKEIALILQR-COOH   *

NH2-VYVTFLNDKDEDAVK-COOH   *

NH2-LFAEGFLVTEIAK-COOH   *

NH2-AEIEGEIGDSHMGLAAR-COOH   *

NH2-ALAAALGQIEK-COOH   * PD 1st control

NH2-IGVMFGNPETTTGGNALK-COOH   *

NH2-IVEIYGPESSGK-COOH   *

NH2-QSNTLLIFINQIR-COOH   *

NH2-SGAVDVIVVDSVAALTPK-COOH   *

NH2-TC<Cmm*>AFIDAEHALDPIYAR-COOH * PD 1st control

NH2-TTLTLQVIAAAQR-COOH   *

NH2-TEIIEESEGEVAGIK-COOH   *

NH2-DSVIPAPEEGETATFIYVGR-COOH *
NH2-GVAESTINVIFNPVETK-COOH *
NH2-IAFIGEAVSGFGGMETVIR-COOH *
NH2-IPASIDEFYQSK-COOH *
NH2-LHVLGDGSDFEK-COOH *
NH2-VKDLLDGLSQAK-COOH *
NH2-AAATGEALSLVC<Cmm*>VDEHK-COOH *
NH2-AVAEQGYREPTPIQQQAIPAVLEGR-COOH *
NH2-GGVDVLVATPGR-COOH *
NH2-GLDIEELPHVVNYELPNVPEDYVHR-COOH *
NH2-GNWQQVLVFTR-COOH *
NH2-IAIPGYEPDPSIKAEPIQNGR-COOH *
NH2-IAIPGYEPDPSIK-COOH *
NH2-LDQVEILVLDEADR-COOH *
NH2-LLHNPLEIEVAR-COOH *
NH2-NTASDQVTQHVHFVDK-COOH *
NH2-QNLLFSATFSDDIK-COOH *
NH2-SFDSLGLSPDILR-COOH *
NH2-TAGFTLPLLQHLITR-COOH *
NH2-VLVATDIAAR-COOH *
NH2-DVIILLDSITR-COOH *
NH2-ILFENLTPLHANSR-COOH *
NH2-KQDIIFAILK-COOH *
NH2-NTPVSELITLGENM<Mox>GLENLAR-COOH *
NH2-NTPVSELITLGENMGLENLAR-COOH *
NH2-QDIIFAILK-COOH *
NH2-VLDLASPIGR-COOH *
NH2-AGQWQQVQLESWK-COOH *
NH2-DLM<Mox>GC<Cmm*>QVVTTEGYDLGK-COOH *
NH2-DLMGC<Cmm*>QVVTTEGYDLGK-COOH *
NH2-LVPFLDGQVIK-COOH *
NH2-LVPFLDGQVIKK-COOH *
NH2-QLTAQAPVDPIVLGK-COOH *
NH2-SIEVDWDPGF-COOH *
NH2-SKQLTAQAPVDPIVLGK-COOH *
NH2-VFSSTEDAESIFDYQPWFIQK-COOH *
NH2-VVDM<Mox>M<Mox>ETGSNDVLVIK- *

Peptide				
NH2-VVDM<Mox>METGSNDVLVIK-COOH	*			
NH2-VVDMM<Mox>ETGSNDVLVIK-COOH	*			
NH2-VVDMMETGSNDVLVIK-COOH	*			
NH2-ANLVPHF-COOH	*			
NH2-AVDGEM<Mox>ITVTVEGKDEVFALSNI	*			
NH2-AVDGEMITVTVEGK-COOH	*			
NH2-AVDGEMITVTVEGKDEVFALSNIQK-COO	*			
NH2-DEVFALSNIQK-COOH	*			
NH2-FVGEEVTLVLR-COOH	*		PD 2nd control	
#Gln->pyro-Glu (N-term Q)#-QYDINEAIALL	*			
NH2-AAGAELVGM<Mox>EDLADQIK-COOH	*	PD 1st control		PD 3rd control
NH2-AAGAELVGMEDLADQIK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-FVESVDVAVNLGIDAR-COOH	*			
NH2-KVSISTTMGAGVAVDQAGLSASVN-COO	*			
NH2-QYDINEAIALLK-COOH	*		PD 2nd control	PD 3rd control
NH2-VAVFTQGANAEAAK-COOH	*			PD 3rd control
NH2-VGTVTPNVAEAVK-COOH	*			
NH2-VVGQLGQVLGPR-COOH	*	PD 1st control		PD 3rd control
#Gln->pyro-Glu (N-term Q)#-QAIVAEVSEV/	*			
NH2-AAAFEGELIPASQIDR-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ALNLQDKQAIVAEVSEVAK-COOH	*			
NH2-AVEGTPFEC<Cmm*>LK-COOH	*			
NH2-DAFVGPTLIAYSM<Mox>EHPGAAAR-C	*			
NH2-DAFVGPTLIAYSMEHPGAAAR-COOH	*			
NH2-GALSAVVADSR-COOH	*			
NH2-LATLPTYEEAIAR-COOH	*		PD 2nd control	PD 3rd control
NH2-QAIVAEVSEVAK-COOH	*			PD 3rd control
NH2-RAVEGTPFEC<Cmm*>LK-COOH	*			
NH2-AADM<Mox>TGADIEAM<Mox>TR-CC	*			
NH2-AADMTGADIEAMTR-COOH	*			
NH2-AQLQEIAQTK-COOH	*			
NH2-GLPIPVVITVYADR-COOH	*			
NH2-SFTFVTK-COOH	*			
NH2-SMGLVVED-COOH	*			
NH2-TPPAAVLLK-COOH	*			
NH2-AEYTPHVDTGDYIIVLNADK-COOH	*			PD 3rd control
NH2-DWYVVDATGK-COOH	*			PD 3rd control

Peptide			
NH2-QATFEEMIAR-COOH	*		PD 3rd control
NH2-RDWYVVDATGK-COOH	*		PD 3rd control
NH2-VYAGNEHNHAAQQPQVLDI-COOH	*		
NH2-FDGNAC<Cmm*>VLLNNNSEQPIGTR-C	*		PD 3rd control
NH2-IISLAPEVL-COOH	*	PD 1st control	
NH2-KGDVLK-COOH	*		PD 3rd control
NH2-M<Mox>IQEQTMLNVADNSGAR-COOH	*		PD 3rd control
NH2-MIQEQTMLNVADNSGAR-COOH	*		
NH2-AAIEAAGGKIEE-COOH	*		
NH2-AANIIGIQIEFAK-COOH	*		
NH2-GFEGGQM<Mox>PLYR-COOH	*		
NH2-GFEGGQMPLYR-COOH	*		
NH2-VEGGVVDLNTLK-COOH	*		
NH2-VILAGEVTTPVTVR-COOH	*	PD 1st control	PD 3rd control
NH2-GKGNVEYWVALIQPGK-COOH	*		
NH2-GLAQGTDVSFGSFGLK-COOH	*	PD 1st control	PD 3rd control
NH2-GNVEYWVALIQPGK-COOH	*		
NH2-VLYEM<Mox>DGVPEELAR-COOH	*	PD 1st control	PD 3rd control
NH2-VLYEMDGVPEELAR-COOH	*		
NH2-AGDNAPM<Mox>AYIELVDR-COOH	*	PD 1st control	
NH2-AGDNAPMAYIELVDR-COOH	*	PD 1st control	
NH2-LFNELGPR-COOH	*		PD 3rd control
NH2-RVVEPLITLAK-COOH	*	PD 1st control	PD 3rd control
NH2-VVEPLITLAK-COOH	*	PD 1st control	
NH2-LQAFEGVVIAIR-COOH	*	PD 1st control	PD 3rd control
NH2-QDVPSFRPGDTVEVK-COOH	*		
NH2-VFQTHSPVVDSISVK-COOH	*	PD 1st control	PD 3rd control
NH2-AGDQIQSGVDAAIKPGNTLPM<Mox>R	*	PD 1st control	
NH2-AGDQIQSGVDAAIKPGNTLPMR-COOH	*	PD 1st control	
NH2-ATLGEVGNAEHM<Mox>LR-COOH	*		
NH2-ATLGEVGNAEHMLR-COOH	*	PD 1st control	
NH2-DGAYVTLR-COOH	*		
NH2-GKPFAPLLEK-COOH	*		
NH2-HPVTPWGVQTK-COOH	*		
NH2-NFGKHPVTPWGVQTK-COOH	*		
NH2-NKDGIPAVVER-COOH	*		
NH2-SAGTYVQIVAR-COOH	*		

Peptide		PD 1st control	PD 2nd control	PD 3rd control
NH2-SANIALVLYK-COOH	*	PD 1st control		
NH2-SANIALVLYKDGER-COOH	*			
NH2-TDKFIVR-COOH	*			
NH2-YILAPK-COOH	*			
NH2-ILADIAVFDK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-ILADIAVFDKVAFTALVEK-COOH	*			
NH2-VAFQAVIK-COOH	*	PD 1st control		
NH2-VAFTALVEK-COOH	*	PD 1st control		PD 3rd control
NH2-IGVPFVDGGVIK-COOH	*	PD 1st control		PD 3rd control
NH2-QWFTDVK-COOH	*			
NH2-IFVDEGPSMK-COOH	*			
NH2-KVLESAIANAEHNDGADIDDLKVTK-COOH	*			
NH2-VLESAIANAEHNDGADIDDLK-COOH	*			PD 3rd control
NH2-VLESAIANAEHNDGADIDDLKVTK-COOH	*			PD 3rd control
NH2-VSQALDILTYTNK-COOH	*			PD 3rd control
NH2-VSQALDILTYTNKK-COOH	*			PD 3rd control
NH2-EAAIQVSNVAIFNAATGK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-HQKPVPALNQPGGIVEK-COOH	*			
NH2-IRRDDEVIVLTGK-COOH	*			
NH2-VIVEGINLVK-COOH	*	PD 1st control		PD 3rd control
NH2-VIVEGINLVKK-COOH	*			
NH2-AANKFPAIIYGGK-COOH	*			
NH2-AEFYSEVLTIVVDGK-COOH	*			
NH2-MFTINAEVR-COOH	*			PD 3rd control
NH2-GAVPGATGSDLIVKPAVK-COOH	*			PD 3rd control
NH2-IFTEDGVSIPVTVIEVEANR-COOH	*			PD 3rd control
NH2-VTVQSLDVVR-COOH	*			PD 3rd control
NH2-ATLLGLGLR-COOH	*			PD 3rd control
NH2-GM<Mox>INAVSFM<Mox>VK-COOH	*			PD 3rd control
NH2-GM<Mox>INAVSFMVK-COOH	*			
NH2-GMINAVSFM<Mox>VK-COOH	*			
NH2-GMINAVSFMVK-COOH	*			
NH2-IKLVSSAGTGHFYTTTK-COOH	*			
NH2-LVSSAGTGHFYTTTK-COOH	*			
NH2-DAQSALTVSETTFGR-COOH	*	PD 1st control		PD 3rd control
NH2-DATGIDPVSLIAFDK-COOH	*	PD 1st control		PD 3rd control
NH2-DATGIDPVSLIAFDKVVM<Mox>TADAV	*			

NH2-DATGIDPVSLIAFDKVVMTADAVK-COOH *

NH2-DFNEALVHQVVVAYAAGAR-COOH *   PD 3rd control

NH2-SILSELVR-COOH *

NH2-ALLAAFDFPFR-COOH *

NH2-ALLAAFDFPFRK-COOH *

NH2-EQIIFPEIDYDKVDR-COOH *

NH2-GLDITITTTAK-COOH *

NH2-ITLNMGVGEAIADKK-COOH *

NH2-LITIAVPR-COOH *   PD 3rd control

NH2-LLDNAAADLAAISGQK-COOH *

NH2-LLDNAAADLAAISGQKPLITK-COOH * PD 1st control

NH2-LMTEFNYNSVMQVPR-COOH *

NH2-M<Mox>WEFFER-COOH *

NH2-MWEFFER-COOH *

NH2-ALLNSM<Mox>VIGVTEGFTK-COOH *

NH2-ALLNSMVIGVTEGFTK-COOH *

NH2-ALLNSMVIGVTEGFTKK-COOH *

NH2-APVVVPAGVDVK-COOH *

NH2-DGYADGWAQAGTAR-COOH *

NH2-GADKQVIGQVAADLR-COOH *

NH2-HADNTLTFGPR-COOH *

NH2-KLQLVGVGYR-COOH *

NH2-LQLVGVGYR-COOH *

NH2-QVIGQVAADLR-COOH *

NH2-TLNDAVEVK-COOH *

NH2-ALEEAGAEVEVK-COOH *

NH2-DLVESAPAALK-COOH *

NH2-DQIIEAVAAM<Mox>SVM<Mox>DVVE *

NH2-FGVSAAAAVAVAAGPVEAAEEK-COOH *

NH2-TEFDVILK-COOH *

NH2-DIADAVTAAGVEVAK-COOH * PD 1st control   PD 3rd control

NH2-INALETVTIASK-COOH *   PD 3rd control

NH2-KNIEFFEAR-COOH *

NH2-LAEVLAAANAR-COOH *

NH2-LFGSIGTR-COOH *

NH2-M<Mox>QVILLDK-COOH *

NH2-MQVILLDK-COOH *

NH2-NIEFFEAR-COOH *

NH2-TTGEHEVSFQVHSEVFAK-COOH *

NH2-VANLGSLGDQVNVK-COOH * PD 1st control PD 3rd control

NH2-VIVNVVAE-COOH *

#Gln->pyro-Glu (N-term Q)#-QAADHPVIAT *

NH2-AALISALQTLYPEC<Cmm*>SIYDR-COO *

NH2-AEFVRDDVFK-COOH *

NH2-ASLGETIDIVDHQGK-COOH *

NH2-DVQFIEQFR-COOH *

NH2-EGM<Mox>ELTQGPVTGELPPALLPIEEH *

NH2-EGM<Mox>ELTQGPVTGELPPALLPIEEH *

NH2-EGMELTQGPVTGELPPALLPIEEHGM<N *

NH2-EGMELTQGPVTGELPPALLPIEEHGMK-(*

NH2-FDVIVM<Mox>DPPK-COOH *

NH2-FDVIVM<Mox>DPPKFVENK-COOH *

NH2-FDVIVMDPPK-COOH *

NH2-FGNFLVLQLLSAGAEYQR-COOH *

NH2-HPWVFSGAVAR-COOH *

NH2-IIADAAIDAGR-COOH *

NH2-LIAGESDGLPGITIDR-COOH *

NH2-QAADHPVIATYPEGLYLK-COOH *

NH2-RHPWVFSGAVAR-COOH *

NH2-TGYYLDQR-COOH *

NH2-WRDWLAQK-COOH *

NH2-LAGIGELITFEVK-COOH *

NH2-LDSEPALIALHSLLGR-COOH *

NH2-NYHVAESTPDSKPAM<Mox>VAEDYTN *

NH2-ELVELPPETSSK-COOH *

NH2-FSGGEGINQWYNVTLTEGR-COOH *

NH2-GGWTELDLAQTNYLR-COOH *

NH2-GVQLEDGPAAFK-COOH *

NH2-IRIDGHLISVR-COOH *

NH2-LWEAVGVQVSR-COOH *

NH2-VLAYYKPEGELC<Cmm*>TR-COOH *

NH2-DYLALVR-COOH *

NH2-IVAITADEAGQR-COOH *

NH2-LDRDTSGVLLVAK-COOH *

NH2-VAEREEEAVSPHLQK-COOH *

NH2-VHTQYAGHPIAFDDR-COOH *

NH2-YAFATLVR-COOH *

NH2-EMC<Cmm*>PYQTLNQR-COOH *

NH2-SKEM<Mox>C<Cmm*>PYQTLNQR-CC *

NH2-SKEMC<Cmm*>PYQTLNQR-COOH *

NH2-SQWLGGWR-COOH *

NH2-AFTNYLPGFNIPM<Mox>LPR-COOH *

NH2-AFTNYLPGFNIPMLPR-COOH *

NH2-AVIKGETATRPQDEITVQM<Mox>AER-(*

NH2-DVGDWLYAR-COOH *

NH2-ELSDDLC<Cmm*>SLR-COOH *

NH2-ESAEPEELVEPFLTR-COOH *

NH2-FAAEIVDISR-COOH *

NH2-GETATRPQDEITVQMAER-COOH *

NH2-GEVLDIVAEPR-COOH *

NH2-GFGFLEVDAQK-COOH *

NH2-LVDNGAIAFIPAPFLHAVR-COOH *

NH2-VTDVIDVTIAEVR-COOH *

NH2-AAPATPAAPAQPGLLSR-COOH *

NH2-APAPEYVPEAPR-COOH *

NH2-QDIGEILIDNPK-COOH * PD 1st control

NH2-YPIVRPQDVQVEEQR-COOH *

#Gln->pyro-Glu (N-term Q)#-QPIFDLFDVEN *

NH2-ESIEHVLC<Cmm*>NEC<Cmm*>PTC<(*

NH2-LTTDITLPSR-COOH *

NH2-NLDDTIFNTNIEATQAIAR-COOH *

NH2-QPIFDLFDVENEIQR-COOH *

NH2-TAAEGVGEAELASDAAYLK-COOH *

NH2-TAAEGVGEAELASDAAYLKR-COOH *

NH2-TAELLVNVTPSETR-COOH *

NH2-TSVNGFSALGLVEM<Mox>TR-COOH *

NH2-TSVNGFSALGLVEMTR-COOH *

NH2-TVETVC<Cmm*>YEIM<Mox>R-COOH *

NH2-VAYIDGGILQEIHIER-COOH *

NH2-VLPGM<Mox>QAAFVDIGLDK-COOH *

NH2-VVAEYC<Cmm*>DEQGGFIIR-COOH *

NH2-YQLYGELALAQR-COOH *
#Gln->pyro-Glu (N-term Q)#-QYGDFDRYVL *
NH2-ADAINAPLSANSFLPQPHPGNC<Cmm*: *
NH2-ADFLTVHGLWPGLPK-COOH *
NH2-FGC<Cmm*>ATRPIPNLPEAR-COOH *
NH2-FLADNYGK-COOH *
NH2-HGAC<Cmm*>FGFDPDAYFGTMVR-CC *
NH2-LSEVM<Mox>PGAGGR-COOH *
NH2-LSEVMPGAGGR-COOH *
NH2-LTC<Cmm*>QGNPAYLTEIQISIK-COOH *
NH2-M<Mox>C<Cmm*>SSPETGLSLETAAK- *
NH2-MC<Cmm*>SSPETGLSLETAAK-COOH *
NH2-RDFDAAFAK-COOH *
NH2-YVLALSWQTGFC<Cmm*>QSQHDR-CC *
#Gln->pyro-Glu (N-term Q)#-QC<Cmm*>Y/ *
NH2-ADEATRDVADWLK-COOH *
NH2-C<Cmm*>DFM<Mox>LDQVGNVFK-CC *
NH2-C<Cmm*>DFMLDQVGNVFK-COOH *
NH2-DELAVELHIEGEEQLEGLR-COOH *
NH2-DELAVELHIEGEEQLEGLRR-COOH *
NH2-DFDDAVYC<Cmm*>EK-COOH *
NH2-DGQLVFTR-COOH *
NH2-DGYGFLR-COOH *
NH2-DLPLVTIDGEDAR-COOH *
NH2-DLPLVTIDGEDARDFDDAVYC<Cmm*>E *
NH2-DVADWLK-COOH *
NH2-DYAELLESVADRPDAEM<Mox>LQTM< *
NH2-DYAELLESVADRPDAEM<Mox>LQTML *
NH2-DYAELLESVADRPDAEMLQTM<Mox>L *
NH2-DYAELLESVADRPDAEMLQTMLLR-COC *
NH2-EFILEHLTK-COOH *
NH2-EQGHQGNTTETGGYHYSM<Mox>EEM *
NH2-EQGHQGNTTETGGYHYSM<Mox>EEM *
NH2-FDQVGQR-COOH *
NH2-FIFNAER-COOH *
NH2-FYEAVM<Mox>SSHAR-COOH *
NH2-FYEAVMSSHAR-COOH *

NH2-GGISFESEEAK-COOH *

NH2-GHFGLALQSYAHFTSPIR-COOH *

NH2-GVISSVTGFGFFVR-COOH *

NH2-HLEELHNLYK-COOH *

NH2-IDFSLISSER-COOH *

NH2-IHDKPSTEAITSFR-COOH *

NH2-IVEVLGDNM<Mox>GTGM<Mox>AVD *

NH2-IVEVLGDNM<Mox>GTGMAVDIALR-CO *

NH2-IVEVLGDNMGTGM<Mox>AVDIALR-CO *

NH2-IVEVLGDNMGTGMAVDIALR-COOH *

NH2-KDDLYLSSEQM<Mox>K-COOH *

NH2-KDDLYLSSEQMK-COOH *

NH2-KIDFSLISSER-COOH *

NH2-KVNFEPDSAFR-COOH *

NH2-KVNFEPDSAFRGEK-COOH *

NH2-LC<Cmm*>M<Mox>VC<Cmm*>EM<M *

NH2-LC<Cmm*>M<Mox>VC<Cmm*>EMTV *

NH2-LC<Cmm*>MVC<Cmm*>EM<Mox>TV *

NH2-LC<Cmm*>MVC<Cmm*>EMTVSSK-CO *

NH2-LDDLFIDGLVHVSSLDNDYYR-COOH *

NH2-LIEEC<Cmm*>M<Mox>ILANISAAR-CO *

NH2-LIEEC<Cmm*>MILANISAAR-COOH *

NH2-LM<Mox>GESSGQTYR-COOH *

NH2-LMGESSGQTYR-COOH *

NH2-LSFDILIPPDQIM<Mox>GAR-COOH *

NH2-LSFDILIPPDQIMGAR-COOH *

NH2-LWVAIADVSYYVR-COOH *

NH2-LWVAIADVSYYVRPSTPLDR-COOH *

NH2-M<Mox>GFVVVVELTQRPTR-COOH *

NH2-MGFVVVVELTQRPTR-COOH *

NH2-QAIYDPENR-COOH *

NH2-QC<Cmm*>YALPERLDLVK-COOH *

NH2-RQC<Cmm*>YALPERLDLVK-COOH *

NH2-SQDPFQER-COOH *

NH2-SVLAELGLELPGGNKPEPR-COOH *

NH2-TC<Cmm*>IHGDQVLAQPLGADR-COO *

NH2-TC<Cmm*>IHGDQVLAQPLGADRK-CO *

NH2-THEIPYIWPQAVEQQVAGLK-COOH *
NH2-THEIPYIWPQAVEQQVAGLKEEVPEEAK- *
NH2-VEAVNMDER-COOH *
NH2-VNFEPDSAFR-COOH *
NH2-VNFEPDSAFRGEK-COOH *
NH2-VWHILQGDQDLR-COOH *
NH2-VWHILQGDQDLREQYAPLVK-COOH *
NH2-YANPIPSR-COOH *
NH2-YFTEAGVGFVVPDDSR-COOH *
NH2-YPDLTLHR-COOH *
NH2-PILDIALQYR-COOH *
NH2-QFAQTPALYR-COOH *
NH2-SPEWSAFGIRPPLR-COOH *
NH2-AATILAEQLEAFVDLR-COOH *
NH2-AEAIHYIGDLVQR-COOH *
NH2-EEKPEFDPILLRPVDDLELTVR-COOH *
NH2-EGVQEDILEILLNLK-COOH *
NH2-IAYNVEAAR-COOH *
NH2-ILLSSM<Mox>PGC<Cmm*>AVTEVEID *
NH2-ILLSSMPGC<Cmm*>AVTEVEIDGVLHE *
NH2-LLVDAC<Cmm*>YSPVER-COOH * PD 1st control
NH2-M<Mox>QGSVTEFLKPR-COOH *
NH2-MQGSVTEFLKPR-COOH *
NH2-RAATILAEQLEAFVDLR-COOH *
NH2-SLTEIKDVLASR-COOH *
NH2-TDLDKLVIEM<Mox>ETNGTIDPEEAIR-(*
NH2-VQGKDEVILTLNK-COOH *
NH2-VTLEPLER-COOH *
NH2-ALEIEEM<Mox>QLK-COOH *
NH2-ALEIEEMQLK-COOH *
NH2-AVAVDSGVTAVAK-COOH *
NH2-AVLVAGGVEAEKLDK-COOH *
NH2-EFFGSSQLSQFM<Mox>DQNNPLSEITH *
NH2-FIEQDPEGQYGLEAAFR-COOH *
NH2-FTTIHIQELAC<Cmm*>VSR-COOH *
NH2-GDVLADGPSTDLGELALGQNM<Mox>F *
NH2-GDVLADGPSTDLGELALGQNMR-COOH *

NH2-GGVVQYVDASRIVIKVNEDEM<Mox>YI *
NH2-GM<Mox>PIATPVFDGAK-COOH *
NH2-GMPIATPVFDGAK-COOH *
NH2-GSWLDFEFDPK-COOH *
NH2-IETLFTNDLDHGPYISETLR-COOH *
NH2-INPIEDM<Mox>PYDENGTPVDIVLNPL(*
NH2-ISALGPGGLTR-COOH *
NH2-ITQGDDLAPGVLK-COOH *
NH2-KLPATIILR-COOH *
NH2-LDESGIVYIGAEVTGGDILVGK-COOH *
NH2-LGDLPTSGQIR-COOH *
NH2-LGEPVFDVQEC<Cmm*>QIR-COOH *
NH2-LGPEEITADIPNVGEAALSK-COOH *
NH2-LIEVPVEYIAGK-COOH * PD 1st control PD 2nd control
NH2-LPATIILR-COOH *
NH2-LQMELVPER-COOH *
NH2-LRGETASFDIEANGK-COOH *
NH2-LSALVEIYR-COOH *
NH2-LSLGDLDTLM<Mox>PQDM<Mox>INA *
NH2-MNIGQILETHLGM<Mox>AAK-COOH *
NH2-QKVDLSTFSDEEVM<Mox>R-COOH *
NH2-QKVDLSTFSDEEVMR-COOH *
NH2-SNQNTC<Cmm*>INQM<Mox>PC<Cm *
NH2-SPGVFFDSDK-COOH *
NH2-SPGVFFDSDKGK-COOH *
NH2-STGSYSLVTQQPLGGK-COOH *
NH2-SVFPIQSYSGNSELQYVSYR-COOH *
NH2-SVGEMAENQFR-COOH *
NH2-TGEQFERPVTVGYM<Mox>YM<Mox>I *
NH2-VDLSTFSDEEVMR-COOH *
NH2-VNEDEMYPGEAGIDIYNLTK-COOH *
NH2-VPNGVSGTVIDVQVFTR-COOH *
#Gln->pyro-Glu (N-term Q)#-QTDELTGLSSL *
NH2-AILWM<Mox>IVPK-COOH *
NH2-AILWMIVPK-COOH *
NH2-AIVQLEDGVQISSGDTLAR-COOH *
NH2-AM<Mox>M<Mox>DNLQTETVINR-CC *

NH2-AM<Mox>MDNLQTETVINR-COOH *
NH2-AMM<Mox>DNLQTETVINR-COOH *
NH2-AMM<Mox>DNLQTETVINRDGQEEK-C *
NH2-AMMDNLQTETVINR-COOH *
NH2-ASLATESFISAASFQETTR-COOH *
NH2-ATIVNAGSSDFLEGEQVEYSR-COOH *
NH2-DLLGITK-COOH *
NH2-EGLNVLQYFISTHGAR-COOH *
NH2-EPAILAEISGIVSFGK-COOH *
NH2-ESYKVPYGAVLAK-COOH *
NH2-FATSDLNDLYR-COOH *
NH2-FTDM<Mox>IDGQTITR-COOH *
NH2-FTDMIDGQTITR-COOH *
NH2-GDVISDGPEAPHDILR-COOH *
NH2-GEAIGVIAAQSIGEPGTQLTMR-COOH *
NH2-GLM<Mox>AKPDGSIIETPITANFR-COO *
NH2-GLMAKPDGSIIETPITANFR-COOH *
NH2-GLPYSIVNQALGK-COOH *
NH2-IALASPDM<Mox>IR-COOH *
NH2-IALASPDMIR-COOH *
NH2-IFGPVKDYEC<Cmm*>LC<Cmm*>GK-C *
NH2-IGLLLDM<Mox>PLRDIER-COOH *
NH2-IGLLLDMPLR-COOH *
NH2-IGLLLDMPLRDIER-COOH *
NH2-IVDAQGNDVLIPGTDM<Mox>PAQYFLP *
NH2-IVDAQGNDVLIPGTDMPAQYFLPGK-CO *
NH2-KATIVNAGSSDFLEGEQVEYSR-COOH *
NH2-LGIQAFEPVLIEGK-COOH *
NH2-LIPAGTGYAYHQDR-COOH *
NH2-LLDLAAPDIIVR-COOH * PD 1st control
NH2-LVITPVDGSDPYEEM<Mox>IPK-COOH *
NH2-LVITPVDGSDPYEEMIPK-COOH *
NH2-M<Mox>GAEAIQALLK-COOH *
NH2-M<Mox>LQEAVDALLDNGR-COOH *
NH2-M<Mox>LQEAVDALLDNGRR-COOH *
NH2-MALELFKPFIYGK-COOH *
NH2-MGAEAIQALLK-COOH *

NH2-MLQEAVDALLDNGR-COOH *

NH2-MLQEAVDALLDNGRR-COOH *

NH2-NTLLHEQWC<Cmm*>DLLEENSVDAVK *

NH2-PDGSIIETPITANFR-COOH *

NH2-PGTADILVPR-COOH *

NH2-QLNVFEGER-COOH *

NH2-QTDELTGLSSLVVLDSAER-COOH *

NH2-QVSFNSIYM<Mox>M<Mox>ADSGAR- *

NH2-QVSFNSIYMM<Mox>ADSGAR-COOH *

NH2-QVSFNSIYMMADSGAR-COOH *

NH2-RLVITPVDGSDPYEEMIPK-COOH *

NH2-SGASVGIDDM<Mox>VIPEK-COOH *

NH2-SGASVGIDDMVIPEK-COOH *

NH2-SGASVGIDDMVIPEKK-COOH *

NH2-SM<Mox>DLEQEC<Cmm*>EQLREELN *

NH2-SVITVGPYLR-COOH *

NH2-SVVSC<Cmm*>DTDFGVC<Cmm*>AH *

NH2-SWSFGEVK-COOH *

NH2-VADLFEAR-COOH *

NH2-VIDIWAAANDR-COOH *

NH2-VTAEDVLKPGTADILVPR-COOH *

NH2-YIVNEVQDVYR-COOH *

NH2-VPLPPLTEER-COOH *   PD 3rd control

#Acetyl (Protein N-term)#-MTESFAQLFEES *

#Acetyl (Protein N-term)#-MTESFAQLFEES *

#Acetyl (Protein N-term)#-TESFAQLFEESLK *

#Acetyl (Protein N-term)#-TESFAQLFEESLK *

#Gln->pyro-Glu (N-term Q)#-QLAEDPFNNV *

#Gln->pyro-Glu (N-term Q)#-QLAEDPFNNV *

#Gln->pyro-Glu (N-term Q)#-QLGEDPWVA *

NH2-AFLPGSLVDVR-COOH *

NH2-AFLPGSLVDVRPVR-COOH * PD 1st control PD 2nd control

NH2-AFLPGSLVDVRPVRDTLHLEGK-COOH *

NH2-AKDEADEKDAIATVNK-COOH *

NH2-ANPWQQFAETHNK-COOH *

NH2-ANPWQQFAETHNKGDR-COOH *

NH2-ANPWQQFAETHNKGDRVEGK-COOH *

NH2-AVIESENSAER-COOH *
NH2-AVIESENSAERDQLLENLQEGM<Mox>E *   PD 2nd control
NH2-AVIESENSAERDQLLENLQEGMEVK-CO(*   PD 2nd control
NH2-AYEDAETVTGVINGK-COOH *
NH2-DAIATVNKQEDANFSNNAM<Mox>AE/ *
NH2-DAIATVNKQEDANFSNNAMAEAFK-CO *
NH2-DQLLENLQEGM<Mox>EVK-COOH *
NH2-DQLLENLQEGMEVK-COOH *
NH2-DRVEDATLVLSVGDEVEAK-COOH * PD 1st control PD 2nd control
NH2-DTLHLEGK-COOH *
NH2-DTLHLEGKELEFK-COOH *
NH2-DVVLVDAGLK-COOH *
NH2-EIETRPGSIVR-COOH *
NH2-ELEFK-COOH *
NH2-EYKKGDEIAAVVLQVDAER-COOH *
NH2-FTGVDR-COOH *
NH2-FTGVDRK-COOH *
NH2-GAIVTGK-COOH *
NH2-GATVELADGVEGYLR-COOH * PD 1st control PD 2nd control
NH2-GDEIAAVVLQVDAER-COOH *
NH2-GDEIAAVVLQVDAERER-COOH *
NH2-GGFTVELNGIR-COOH *
NH2-GVVVAIDK-COOH *
NH2-GVVVAIDKDVVLVDAGLK-COOH *
NH2-GVVVAIDKDVVLVDAGLKSESAIPAEQFk *
NH2-HEAWITLEK-COOH *
NH2-HPSEIVNVGDEITVK-COOH *
NH2-ISLGLK-COOH *
NH2-ISLGVKQLAEDPFNNWVALNK-COOH *
NH2-KGDEIAAVVLQVDAER-COOH *
NH2-KGDEIAAVVLQVDAERER-COOH *
NH2-M<Mox>TESFAQLFEESLK-COOH *
NH2-M<Mox>TESFAQLFEESLKEIETR-COOH *
NH2-M<Mox>TESFAQLFEESLKEIETRPGSIVF *
NH2-MTESFAQLFEESLK-COOH *
NH2-MTESFAQLFEESLKEIETR-COOH *
NH2-MTESFAQLFEESLKEIETRPGSIVR-COOH *

NH2-NAQGELEIQVGDEVDVALDAVEDGFGE *
NH2-NLTDYGAFVDLGGVDGLLHITDM<Mox *
NH2-NLTDYGAFVDLGGVDGLLHITDM<Mox *
NH2-NLTDYGAFVDLGGVDGLLHITDMAWK- *
NH2-NNVVVSR-COOH *
NH2-QEDANFSNNAM<Mox>AEAFK-COOH *
NH2-QEDANFSNNAMAEAFK-COOH *
NH2-QLAEDPFNNWVALNK-COOH *
NH2-QLAEDPFNNWVALNKK-COOH *
NH2-QLGEDPWVAIAK-COOH *   PD 2nd control
NH2-RAVIESENSAER-COOH *
NH2-RAVIESENSAERDQLLENLQEGM<Mox> *
NH2-RAVIESENSAERDQLLENLQEGMEVK-C *
NH2-RHEAWITLEK-COOH *
NH2-RNNVVVSR-COOH *
NH2-RYPEGTK-COOH *
NH2-SESAIPAEQFK-COOH *
NH2-SITDFGIFIGLDGGIDGLVHLSDISWNVA *
NH2-TESFAQLFEESLK-COOH *
NH2-TESFAQLFEESLKEIETR-COOH *
NH2-TESFAQLFEESLKEIETRPGSIVR-COOH * PD 1st control
NH2-TRVSLGLK-COOH *
NH2-VEDATLVLSVGDEVEAK-COOH *
NH2-VIKLDQK-COOH *
NH2-VKGGFTVELNGIR-COOH *
NH2-VKHPSEIVNVGDEITVK-COOH *   PD 3rd control
NH2-VSLGLKQLGEDPWVAIAK-COOH *
NH2-VTAVDAK-COOH *
NH2-VTAVDAKGATVELADGVEGYLR-COOH *
NH2-VTNLTDYGC<Cmm*>FVEIEEGVEGLVH *
NH2-VTNLTDYGC<Cmm*>FVEIEEGVEGLVH *
NH2-VVNVGDVVEVM<Mox>VLDIDEER-CO *
NH2-VVNVGDVVEVM<Mox>VLDIDEERR-C *
NH2-VVNVGDVVEVM<Mox>VLDIDEERRR- *
NH2-VVNVGDVVEVMVLDIDEER-COOH *
NH2-VVNVGDVVEVMVLDIDEERR-COOH *
NH2-VVNVGDVVEVMVLDIDEERRR-COOH *

Peptide		PD 1st control		PD 3rd control
NH2-DQYEIR-COOH	*			
NH2-ERFTVLISPHVNK-COOH	*			
NH2-FTVLISPHVNK-COOH	*			
NH2-FTVLISPHVNKDAR-COOH	*			
NH2-GPIPLPTR-COOH	*			
NH2-GPIPLPTRK-COOH	*			
NH2-LIDQATAEIVETAK-COOH	*	PD 1st control		PD 3rd control
NH2-LIDQATAEIVETAKR-COOH	*			PD 3rd control
NH2-LKAFDHR-COOH	*			
NH2-LVDIVEPTEK-COOH	*			PD 3rd control
NH2-LVDIVEPTEKTVDALM<Mox>R-COOH	*			
NH2-LVDIVEPTEKTVDALMR-COOH	*			
NH2-TVDALM<Mox>R-COOH	*			
NH2-TVDALMR-COOH	*			
#Gln->pyro-Glu (N-term Q)#-QGNALGWAT	*			
#Gln->pyro-Glu (N-term Q)#-QVSDGVAHIH	*			
NH2-ALNAAGFR-COOH	*			
NH2-C<Cmm*>ADAVKEYGIK-COOH	*			
NH2-KQVSDGVAHIHASFNNTIVTITDR-COOH	*			
NH2-KSTPFAAQVAAER-COOH	*			
NH2-NLEVM<Mox>VK-COOH	*			
NH2-NLEVMVK-COOH	*			
NH2-QGNALGWATAGGSGFR-COOH	*			PD 3rd control
NH2-QVSDGVAHIHASFNNTIVTITDR-COOH	*			
NH2-STPFAAQVAAER-COOH	*			
NH2-ATVNQLVR-COOH	*			
NH2-GALDC<Cmm*>SGVK-COOH	*			
NH2-GALDC<Cmm*>SGVKDR-COOH	*			
NH2-LTNGFEVTSYIGGEGHNLQEHSVILIR-CO	*			
NH2-SNVPALEAC<Cmm*>PQK-COOH	*			
NH2-SNVPALEAC<Cmm*>PQKR-COOH	*			
NH2-VKD<#Methylthio (D)#>LPGVR-COOH	*			
NH2-VKDLPGVR-COOH	*			
NH2-VRLTNGFEVTSYIGGEGHNLQEHSVILIR-	*			
NH2-AILAAAGIAEDVK-COOH	*	PD 1st control		PD 3rd control
NH2-AILAAAGIAEDVKISELSEGQIDTLR-COO	*			
NH2-AILAAAGIAEDVKISELSEGQIDTLRDEVA	*			

NH2-EISM<Mox>SIK-COOH *

NH2-EISM<Mox>SIKR-COOH *

NH2-EISMSIK-COOH *

NH2-EISMSIKR-COOH *

NH2-FVVEGDLR-COOH *

NH2-FVVEGDLRR-COOH *

NH2-HAVIALTSIYGVGK-COOH * PD 1st control   PD 3rd control

NH2-HAVIALTSIYGVGKTR-COOH *

NH2-IAGINIPDHK-COOH *

NH2-IAGINIPDHKHAVIALTSIYGVGK-COOH *

NH2-ISELSEGQIDTLR-COOH *

NH2-ISELSEGQIDTLRDEVAK-COOH * PD 1st control   PD 3rd control

NH2-ISELSEGQIDTLRDEVAKFVVEGDLR-COO *

NH2-LM<Mox>DLGC<Cmm*>YR-COOH *

NH2-LMDLGC<Cmm*>YR-COOH *

NH2-REISMSIK-COOH *

NH2-RLM<Mox>DLGC<Cmm*>YR-COOH *

NH2-RLMDLGC<Cmm*>YR-COOH *

NH2-SKAILAAAGIAEDVK-COOH *

NH2-SKAILAAAGIAEDVKISELSEGQIDTLR-CC *

#Gln->pyro-Glu (N-term Q)#-QTGRPHGFLR *

NH2-AELKAIISDVNASDEDRWNAVLK-COOH *

NH2-AIISDVNASDEDR-COOH *

NH2-AIISDVNASDEDRWNAVLK-COOH *

NH2-GEIPGLKK-COOH *

NH2-RVALADKYFAK-COOH *

NH2-VALADKYFAK-COOH *

#Acetyl (Protein N-term)#-SLSTEATAKIVSE *

NH2-DANDTGSTEVQVALLTAQINHLQGHFA *

NH2-DANDTGSTEVQVALLTAQINHLQGHFA *

NH2-IVSEFGR-COOH *

NH2-KLLDYLK-COOH *

NH2-KLLDYLKR-COOH *

NH2-LLDYLK-COOH *

NH2-LLDYLKR-COOH *

NH2-SLSTEATAK-COOH *

NH2-SLSTEATAKIVSEFGR-COOH *

NH2-YTQLIER-COOH *

NH2-EEGTRLDLDR-COOH *

NH2-IAHWVGQGATISDR-COOH *

NH2-IAHWVGQGATISDRVAALIK-COOH *

NH2-KRPFYQVVVADSR-COOH *

NH2-PFYQVVVADSR-COOH *

NH2-RPFYQVVVADSR-COOH *

NH2-VAALIK-COOH *

NH2-VAALIKEVNK-COOH *

NH2-VGFFNPIASEK-COOH *   PD 3rd control

NH2-VGFFNPIASEKEEGTR-COOH *

NH2-VGFFNPIASEKEEGTRLDLDR-COOH *

NH2-FVKHPIYGK-COOH *

NH2-HPIYGK-COOH *

NH2-LHVHDENNEC<Cmm*>GIGDVVEIR-CO *

NH2-SIVVAIER-COOH *

NH2-SWTLVR-COOH *

NH2-TKSWTLVR-COOH *

NH2-TTKLHVHDENNEC<Cmm*>GIGDVVEIR *

NH2-VVSDK-COOH *

NH2-VVSDKM<Mox>EK-COOH *

NH2-VVSDKMEKSIVVAIER-COOH *

NH2-ARYLSLLPYTDR-COOH *

NH2-DIATLK-COOH *

NH2-FTAEGVQEIDYK-COOH *   PD 3rd control

NH2-FTAEGVQEIDYKDIATLK-COOH * PD 1st control

NH2-FTAEGVQEIDYKDIATLKNYITESGK-COC *

NH2-IVPSR-COOH *

NH2-NYITESGK-COOH *

NH2-NYITESGKIVPSR-COOH *

NH2-YLSLLPYTDR-COOH *   PD 2nd control

NH2-YLSLLPYTDRHQ-COOH *

#Gln->pyro-Glu (N-term Q)#-QHVPVFVTDE *

NH2-AVESGDKKPLR-COOH *

NH2-GPFIDLHLLK-COOH *

NH2-GPFIDLHLLKK-COOH *

NH2-KGPFIDLHLLK-COOH *

NH2-KGPFIDLHLLKK-COOH *
NH2-LGEFAPTR-COOH *
NH2-QHVPVFVTDEM<Mox>VGHK-COOH *
NH2-QHVPVFVTDEMVGHK-COOH *
NH2-RSTIFPNM<Mox>IGLTIAVHNGR-COOH *
NH2-RSTIFPNMIGLTIAVHNGR-COOH *
NH2-RSTIFPNMIGLTIAVHNGRQHVPVFVTDI *
NH2-RSTIFPNMIGLTIAVHNGRQHVPVFVTDI *
NH2-STIFPNM<Mox>IGLTIAVHNGR-COOH *
NH2-STIFPNMIGLTIAVHNGR-COOH *
NH2-AASEAVKDAALSC<Cmm*>DQFFVNHR *
NH2-AGVHFGHQTR-COOH *
NH2-AVTLYLGAVAATVR-COOH * PD 1st control   PD 2nd control PD 3rd control
NH2-AVTLYLGAVAATVREGR-COOH *
NH2-DAALSC<Cmm*>DQFFVNHR-COOH *
NH2-DLETQSQDGTFDK-COOH *
NH2-DLETQSQDGTFDKLTK-COOH *
NH2-DLETQSQDGTFDKLTKK-COOH *
NH2-DM<Mox>GGLPDALFVIDADHEHIAIK-(*
NH2-DMGGLPDALFVIDADHEHIAIK-COOH *
NH2-EALMR-COOH *
NH2-EANNLGIPVFAIVDTNSDPDGVDFVIPGI *
NH2-ELEKLENSLGGIK-COOH *
NH2-ELEKLENSLGGIKDM<Mox>GGLPDALF\ *
NH2-ELEKLENSLGGIKDMGGLPDALFVIDADH *
NH2-ILFVGTK-COOH *
NH2-ILFVGTKR-COOH *
NH2-LENSLGGIK-COOH *
NH2-LENSLGGIKDM<Mox>GGLPDALFVIDA *
NH2-LENSLGGIKDMGGLPDALFVIDADHEHI/ *
NH2-LKDLETQSQDGTFDK-COOH *
NH2-LKDLETQSQDGTFDKLTK-COOH *
NH2-M<Mox>KPFIFGAR-COOH *
NH2-MKPFIFGAR-COOH *
NH2-NKVHIINLEK-COOH *
NH2-PFIFGAR-COOH *
NH2-RAASEAVK-COOH *

NH2-RAASEAVKDAALSC<Cmm*>DQFFVNH *
NH2-RLKDLETQSQDGTFDK-COOH *
NH2-SQDLASQAEESFVEAE-COOH *
NH2-TRELEKLENSLGGIK-COOH *
NH2-TVPM<Mox>FNEALAELNK-COOH *   PD 2nd control
NH2-TVPMFNEALAELNK-COOH *
NH2-TVPMFNEALAELNKIASR-COOH *
NH2-VHIINLEK-COOH *
NH2-WLGGM<Mox>LTNWK-COOH *
NH2-WLGGMLTNWK-COOH *
NH2-YWNPK-COOH *
NH2-AFNEM<Mox>QPIVDR-COOH *   PD 3rd control
NH2-AFNEMQPIVDR-COOH *   PD 3rd control
NH2-ANLTAQINK-COOH *
NH2-HKANLTAQINK-COOH *
NH2-KVYAAIEAGDKAAAQK-COOH *
NH2-KVYAAIEAGDK-COOH *
NH2-TFIKKVYAAIEAGDK-COOH *
NH2-VYAAIEAGDKAAAQK-COOH *
NH2-VYAAIEAGDK-COOH *
NH2-AGVLAEVR-COOH *
NH2-EFYEKPTTER-COOH *
NH2-ENEPFDVALR-COOH *
NH2-ENEPFDVALRR-COOH *
NH2-REFYEKPTTER-COOH *
NH2-VRENEPFDVALR-COOH *
NH2-VRENEPFDVALRR-COOH *
#Gln->pyro-Glu (N-term Q)#-QYLTK-COOH *
NH2-ADIDYNTSEAHTTYGVIGVK-COOH *   PD 3rd control
NH2-EFADNLDSDFK-COOH * PD 1st control   PD 3rd control
NH2-EFADNLDSDFKVR-COOH *
NH2-GEILGGM<Mox>AAVEQPEKPAAQPK-(*
NH2-GEILGGMAAVEQPEKPAAQPK-COOH *
NH2-GIKVEVSGR-COOH *
NH2-IVIERPAK-COOH *
NH2-KGEDVEK-COOH *
NH2-KPELDAK-COOH *

NH2-KVVADIAGVPAQINIAEVR-COOH * PD 1st control

NH2-LGIVKPWNSTWFANTK-COOH *

NH2-LGIVKPWNSTWFANTKEFADNLDSDFK- *

NH2-LVADSITSQLER-COOH * PD 1st control   PD 3rd control

NH2-PAAQPK-COOH *

NH2-PWNSTWFANTK-COOH *

NH2-QYLTK-COOH *

NH2-VPLHTLR-COOH *

NH2-VTIHTARPGIVIGK-COOH *

NH2-VVADIAGVPAQINIAEVR-COOH *   PD 2nd control PD 3rd control

NH2-VVADIAGVPAQINIAEVRK-COOH *

NH2-VWIFK-COOH *

NH2-VWIFKGEILGGM<Mox>AAVEQPEKPA/ *

NH2-VWIFKGEILGGMAAVEQPEKPAAQPK-C *

NH2-AALELAEQR-COOH *

NH2-AIMVNGR-COOH *

NH2-C<Cmm*>KIEQAPGQHGAR-COOH *

NH2-EGTDLFLK-COOH *

NH2-EKPTWLEVDAGK-COOH *

NH2-EKPTWLEVDAGKM<Mox>EGTFK-COO *

NH2-EKPTWLEVDAGKMEGTFK-COOH *

NH2-GNTGENLLALLEGR-COOH *

NH2-GNTGENLLALLEGRLDNVVYR-COOH *

NH2-IEQAPGQHGAR-COOH *

NH2-IYGVLER-COOH *

NH2-LDNVVYR-COOH *

NH2-LKGNTGENLLALLEGR-COOH *

NH2-LKGNTGENLLALLEGRLDNVVYR-COOH *

NH2-LSDYGVQLR-COOH *   PD 3rd control

NH2-MEGTFK-COOH *

NH2-PTWLEVDAGK-COOH *

NH2-REGTDLFLK-COOH *

NH2-REGTDLFLKSGVR-COOH *

NH2-RIYGVLER-COOH *

NH2-SDLSADINEHLIVELYSK-COOH *

NH2-VKAALELAEQR-COOH *

NH2-VVNIASYQVSPNDVVSIR-COOH * PD 1st control PD 2nd control v

NH2-VVNIASYQVSPNDVVSIREK-COOH *
NH2-YLGPK-COOH *
#Acetyl (Protein N-term)#-AHIEK-COOH *
#Gln->pyro-Glu (N-term Q)#-QAGELQEK-CO *
NH2-AREVPAAIQK-COOH *
NH2-ATIDGLENM<Mox>NSPEM<Mox>VAA *
NH2-ATIDGLENM<Mox>NSPEM<Mox>VAA *
NH2-ATIDGLENM<Mox>NSPEMVAAK-COO *
NH2-ATIDGLENM<Mox>NSPEMVAAKR-CO *
NH2-ATIDGLENMNSPEM<Mox>VAAK-COO *
NH2-ATIDGLENMNSPEM<Mox>VAAKR-CO *
NH2-ATIDGLENMNSPEMVAAK-COOH *
NH2-ATIDGLENMNSPEMVAAKR-COOH *
NH2-AVLEVAGVHNVLAKAYGSTNPINVVR-C *
NH2-AVLEVAGVHNVLAK-COOH * PD 1st control
NH2-AYGSTNPINVVR-COOH *   PD 3rd control
NH2-EVPAAIQK-COOH *
NH2-GKSVEEILGK-COOH *
NH2-GVHTGSR-COOH *
NH2-IFSFTALTVVGDGNGR-COOH *
NH2-LIAVNR-COOH *
NH2-NM<Mox>INVALNNGTLQHPVK-COOH *
NH2-NMINVALNNGTLQHPVK-COOH *
NH2-QAGELQEK-COOH *
NH2-RNM<Mox>INVALNNGTLQHPVK-COO *
NH2-RNMINVALNNGTLQHPVK-COOH *
NH2-SVEEILGK-COOH *
NH2-TVKGGRIFSFTALTVVGDGNGR-COOH *
NH2-VFM<Mox>QPASEGTGIIAGGAM<Mox *
NH2-VFM<Mox>QPASEGTGIIAGGAMRAVL *
NH2-VFM<Mox>QPASEGTGIIAGGAMR-CO *
NH2-VFMQPASEGTGIIAGGAM<Mox>R-CO *
NH2-VFMQPASEGTGIIAGGAMR-COOH *
NH2-VGFGYGK-COOH *
#Gln->pyro-Glu (N-term Q)#-QLAYPINK-CO *
NH2-AHYVLM<Mox>NVEAPQEVIDELETTFR *
NH2-AHYVLMNVEAPQEVIDELETTFR-COOH *

NH2-DDFANETADDAEAGDSEEEEEE-COOH *
NH2-FNDAVIR-COOH *
NH2-HAVTEASPM<Mox>VK-COOH *
NH2-HAVTEASPMVK-COOH *
NH2-HYEIVFM<Mox>VHPDQSEQVPGM<M *
NH2-HYEIVFM<Mox>VHPDQSEQVPGMIER *
NH2-HYEIVFMVHPDQSEQVPGM<Mox>IER *
NH2-HYEIVFMVHPDQSEQVPGMIER-COOH *
NH2-LEDWGR-COOH *
NH2-M<Mox>RHYEIVFM<Mox>VHPDQSEQ *
NH2-M<Mox>RHYEIVFM<Mox>VHPDQSEQ *
NH2-M<Mox>RHYEIVFMVHPDQSEQVPGM *
NH2-M<Mox>RHYEIVFMVHPDQSEQVPGM *
NH2-MRHYEIVFMVHPDQSEQVPGMIER-CO *
NH2-QLAYPINK-COOH *
NH2-RDDFANETADDAEAGDSEEEEEE-COOH *
NH2-RQLAYPINK-COOH *
NH2-TKHAVTEASPM<Mox>VK-COOH *
NH2-TKHAVTEASPMVK-COOH *
NH2-YTAAITGAEGK-COOH *
#Gln->pyro-Glu (N-term Q)#-QPALGYLN-CO *
NH2-FGSELLAK-COOH *
NH2-FGSELLAKFVNILMVDGK-COOH *
NH2-FVNILM<Mox>VDGK-COOH *
NH2-FVNILM<Mox>VDGKK-COOH *
NH2-FVNILMVDGK-COOH *
NH2-FVNILMVDGKK-COOH *
NH2-ILPDPK-COOH *
NH2-KILPDPK-COOH *
NH2-KILPDPKFGSELLAK-COOH *
NH2-KSTAESIVYSALETLAQR-COOH *
NH2-LANELSDAAENK-COOH *
NH2-LANELSDAAENKGTAVK-COOH *
NH2-LANELSDAAENKGTAVKK-COOH *
NH2-NALAM<Mox>RWIVEAAR-COOH *
NH2-NALAMR-COOH *
NH2-QPALGYLN-COOH *

NH2-RVGGSTYQVPVEVR-COOH *

NH2-RVGGSTYQVPVEVRPVR-COOH *

NH2-SELEAFEVALENVR-COOH *

NH2-SELEAFEVALENVRPTVEVK-COOH *

NH2-SELEAFEVALENVRPTVEVKSR-COOH *

NH2-SFSHQAGASSK-COOH *

NH2-SGKSELEAFEVALENVRPTVEVK-COOH *

NH2-STAESIVYSALETLAQR-COOH * PD 1st control

NH2-VGGSTYQVPVEVR-COOH *

NH2-VGGSTYQVPVEVRPVR-COOH * PD 1st control

NH2-VGGSTYQVPVEVRPVRR-COOH *

NH2-WIVEAAR-COOH *

#Acetyl (Protein N-term)#-SMQDPIADMLT *

#Gln->pyro-Glu (N-term Q)#-QAGLGGEIIC< *

NH2-AAVTM<Mox>PSSK-COOH *

NH2-AAVTMPSSK-COOH *

NH2-AVVESIQR-COOH *

NH2-EEGFIEDFK-COOH *

NH2-EEGFIEDFKVEGDTKPELELTLK-COOH *

NH2-KDELPK-COOH *

NH2-KDELPKVM<Mox>AGLGIAVVSTSK-COO *

NH2-LKVAIANVLK-COOH *

NH2-LKVAIANVLKEEGFIEDFK-COOH *

NH2-M<Mox>SM<Mox>QDPIADMLTR-COO *

NH2-MSMQDPIADMLTR-COOH *

NH2-PELELTLK-COOH *

NH2-QAGLGGEIIC<Cmm*>YVA-COOH *

NH2-RKDELPK-COOH *

NH2-SM<Mox>QDPIADM<Mox>LTR-COOH *

NH2-SM<Mox>QDPIADMLTR-COOH *

NH2-SMQDPIADM<Mox>LTR-COOH *

NH2-SMQDPIADMLTR-COOH *

NH2-VAIANVLK-COOH *

NH2-VAIANVLKEEGFIEDFK-COOH *

NH2-VEGDTKPELELTLK-COOH *

NH2-VM<Mox>AGLGIAVVSTSK-COOH * PD 3rd control

NH2-VMAGLGIAVVSTSK-COOH * PD 3rd control

NH2-VMAGLGIAVVSTSKGVMTDR-COOH *

NH2-YFQGKAVVESIQR-COOH *

NH2-YFQGK-COOH *

#Gln->pyro-Glu (N-term Q)#-QPLELVDMVE *

NH2-AENQYYGTGR-COOH *

NH2-ALM<Mox>EYDESLR-COOH *

NH2-ALM<Mox>EYDESLRSELR-COOH *

NH2-ALM<Mox>EYDESLRSELRK-COOH *

NH2-ALMEYDESLR-COOH *

NH2-ALMEYDESLRSELR-COOH *

NH2-ALMEYDESLRSELRK-COOH *

NH2-GGGISGQAGAIR-COOH *

NH2-LDLYITVK-COOH *   PD 3rd control

NH2-M<Mox>VVRQPLELVDM<Mox>VEK-C *

NH2-M<Mox>VVRQPLELVDMVEK-COOH *

NH2-MVVRQPLELVDMVEK-COOH *

NH2-QPLELVDM<Mox>VEK-COOH *

NH2-QPLELVDM<Mox>VEKLDLYITVK-COO *

NH2-QPLELVDM<Mox>VEKLDLYITVKGGGIS *

NH2-QPLELVDMVEK-COOH *

NH2-QPLELVDMVEKLDLYITVK-COOH *

NH2-SLEQYFGR-COOH * PD 1st control   PD 3rd control

NH2-VFIKPGNGK-COOH *

NH2-VFIKPGNGKIVINQR-COOH *

NH2-AENISVAQYC<Cmm*>QM<Mox>ANY *

NH2-AENISVAQYC<Cmm*>QMANYLAENAF *

NH2-FGQNFLNDQFVIDSIVSAINPQK-COOH *

NH2-GQAM<Mox>VEIGPGLAALTEPVGER-C *

NH2-GQAMVEIGPGLAALTEPVGER-COOH *

NH2-ITTEAFNQR-COOH *

NH2-LDQLTVIELDR-COOH *

NH2-LDQLTVIELDRDLAAR-COOH *

NH2-LQTHPFLGPK-COOH *

NH2-LTIYQQDAM<Mox>TFNFGELAEK-COO *

NH2-LTIYQQDAMTFNFGELAEK-COOH *

NH2-LVPHATMPHPVKDVR-COOH *

NH2-NSLGNLFSVEVLTGM<Mox>GIDPAM<I *

NH2-NSLGNLFSVEVLTGM<Mox>GIDPAMR- *
NH2-NSLGNLFSVEVLTGMGIDPAM<Mox>R- *
#Gln->pyro-Glu (N-term Q)#-QQEELLAEFN/ *
NH2-ALLQELC<Cmm*>FGVLR-COOH *
NH2-AYPEQWQSIVEANNQRPPMWLR-COO *
NH2-DSWLALLDEAGM<Mox>K-COOH *
NH2-DSWLALLDEAGMK-COOH *
NH2-GFPHADYPDAVR-COOH *
NH2-GLINGVLR-COOH *
NH2-ILLDAPC<Cmm*>SATGVIR-COOH *
NH2-IPPHAALAETVEGAIAIK-COOH *
NH2-QGDGRYPSQWC<Cmm*>GEQQFDR-C *
NH2-QNLPGAEEGDGFFYAK-COOH *
NH2-QQEELLAEFNASDAR-COOH *
NH2-SM<Mox>AAQAVEQVVEQGQSLSNILP *
NH2-SMAAQAVEQVVEQGQSLSNILPPLQQK *
NH2-TADAELC<Cmm*>ETGTPEQPGK-COOI *
NH2-TADAELC<Cmm*>ETGTPEQPGKQNLP *
NH2-TGGTLVYATC<Cmm*>SVLPEENSLQIK- *
NH2-TLSQLDWLINK-COOH *
NH2-TTHILEVAPEAQVVAVDIDEQR-COOH *
NH2-YLHPSWLLK-COOH *
NH2-YPSQWC<Cmm*>GEQQFDR-COOH *
#Gln->pyro-Glu (N-term Q)#-QPVFDAEK-C(*
#Gln->pyro-Glu (N-term Q)#-QPVFDAEKFW *
NH2-AHTQQFHHWQVLSR-COOH *
NH2-ATLAANGVEGEVFASNVFSEVK-COOH *
NH2-C<Cmm*>GLYFGR-COOH *
NH2-DGLDVGSQLLLSTLTPHTK-COOH *
NH2-FDM<Mox>IISNPPFHDGM<Mox>QTS *
NH2-FDM<Mox>IISNPPFHDGMQTSLDAAQ *
NH2-FDMIISNPPFHDGM<Mox>QTSLDAAQ *
NH2-FDMIISNPPFHDGMQTSLDAAQTLIR-C(*
NH2-FSLVATADDVADC<Cmm*>DTLIYYWPI *
NH2-FWGEYSVDGLTVK-COOH *
NH2-GKVLDVGC<Cmm*>GAGVLSVAFAR-C(*
NH2-GRFDM<Mox>IISNPPFHDGM<Mox>C *

NH2-GRFDM<Mox>IISNPPFHDGMQTSLDA *
NH2-GRFDMIISNPPFHDGM<Mox>QTSLDA *
NH2-GRFDMIISNPPFHDGMQTSLDAAQTLIR *
NH2-HLNSGGELR-COOH *
NH2-HSDDFEQSR-COOH *
NH2-IDPEWVEPVAQHLIK-COOH *
NH2-ILFAGDLQDDLPAR-COOH *
NH2-IVANAFLPYPDVLDETFGFHEVIAQTGR-(*
NH2-LTLC<Cmm*>DVSAPAVEASR-COOH *
NH2-QPVFDAEK-COOH *
NH2-QPVFDAEKFWGEYSVDGLTVK-COOH *
NH2-SAEQM<Mox>LADYAPLNK-COOH *
NH2-SAEQM<Mox>LADYAPLNKVDSAR-COC *
NH2-SAEQMLADYAPLNK-COOH *
NH2-SAEQMLADYAPLNKVDSAR-COOH *
NH2-SAFTPASEVLLR-COOH *
NH2-TLPGVFSR-COOH *
NH2-VLDVGC<Cmm*>GAGVLSVAFAR-COO *
NH2-GTPHNIVFVDPPFR-COOH *
NH2-KLPVPDSPGLRPTTDR-COOH *
NH2-VVNSNAMSFLAQK-COOH *
NH2-YAAGATLIEM<Mox>DR-COOH *
NH2-YAAGATLIEMDR-COOH *
NH2-ASNSINTLPLPVER-COOH *
NH2-IAIAAC<Cmm*>EQC<Cmm*>GR-COO *
NH2-IYHPEPLTSHSHIALC<Cmm*>EDAANHI *
NH2-LLIGPEGGLSADEIAM<Mox>TAR-COOF *
NH2-LLIGPEGGLSADEIAMTAR-COOH *
NH2-M<Mox>GPGQALQLFDGSNQVFDAEIT *
NH2-MGPGQALQLFDGSNQVFDAEITSASK-C *
NH2-NRVPEIRPAMDLEAWC<Cmm*>AEQD *
NH2-SIELGVSLITPLFSER-COOH *
NH2-TETTALTAITALQVR-COOH *
NH2-YQFTDILLGPR-COOH *
NH2-C<Cmm*>GISNVALTHFDGR-COOH *
NH2-ETYPDAVEFLPLGDLFPGANK-COOH *
NH2-ELAEVVAAATPVK-COOH *

NH2-ELAEVVAAATPVKDK-COOH *
NH2-FSIIHGPFSALGEYVAER-COOH *
NH2-GPQVPAGLPM<Mox>TEEQLK-COOH *
NH2-GPQVPAGLPM<Mox>TEEQLKK-COOH *
NH2-GPQVPAGLPMTEEQLK-COOH *
NH2-GPQVPAGLPMTEEQLKK-COOH *
NH2-IDGILLDLGVSSPQLDDAER-COOH *
NH2-IWVNSELEEIEQALK-COOH *
NH2-LILSQLGEEGR-COOH *
NH2-LLAIDRDPQAIAVAK-COOH *
NH2-LM<Mox>PGEEEVAENPR-COOH *
NH2-LMPGEEEVAENPR-COOH *
NH2-LSIISFHSLEDR-COOH *
NH2-SSLNVLAPGGR-COOH *
NH2-TKELAEVVAAATPVK-COOH *
NH2-TKELAEVVAAATPVKDK-COOH *
NH2-ALEVLQAVDLIAAEDTR-COOH *
NH2-HTGLLLQHFGINAR-COOH *
NH2-LLDSLEDIVAVLGESR-COOH *
NH2-LQEGQNIALVSDAGTPLINDPGYHLVR-C *
NH2-TLALLQAELPLKK-COOH *
NH2-TLIFYESTHR-COOH *
NH2-VVPLPGPC<Cmm*>AAITALSAAGLPSD *
NH2-DLTKPAVLEVITPTQVR-COOH *
NH2-FIAQQLGVSR-COOH *
NH2-GVQLHNEKDLTKPAVLEVITPTQVR-CO *
NH2-LDIDTTGLVLM<Mox>TDDGQWSHR-C *
NH2-LLPEHDVAYDGNPLAQQHGPR-COOH *
NH2-TYLVTLESPVADDTAEQFAK-COOH *
NH2-VTVDGEIVR-COOH *
NH2-ALEWLDVQPEDR-COOH *
NH2-IVYVSC<Cmm*>NPATLAR-COOH *
NH2-LSLNYLPK-COOH *
NH2-QC<Cmm*>PILAPQLEALLPK-COOH *
NH2-QIITVSVNDLDSFGQGVAR-COOH *
#Gln->pyro-Glu (N-term Q)#-QEKEDSETFQ *
NH2-DLPDLVYMTEAEK-COOH *

NH2-DVDYIVKDGEVIIVDEHTGR-COOH *
NH2-ESFSM<Mox>FAAM<Mox>LESLK-COOH *
NH2-FYLSM<Mox>EDALM<Mox>R-COOH *
NH2-GEVLENLIPEAFAVVR-COOH *
NH2-GLVLIEELLVK-COOH *
NH2-GQPVLVGTISIEK-COOH *
NH2-GVHVVTVNDYLAQR-COOH *
NH2-GVM<Mox>LQTLDSLWK-COOH *
NH2-GVMLQTLDSLWK-COOH *
NH2-HDAVLEAGGLHIIGTER-COOH *
NH2-ILAQSIEVYQR-COOH *
NH2-IQAIIEDIKER-COOH *
NH2-KTEALVAQIQQIDVTVTHTETEALLLEHN *
NH2-LAQM<Mox>QQLSHQDDDSAAAAALA *
NH2-LAQMQQLSHQDDDSAAAAALAAQTGE *
NH2-LEKGEVLENLIPEAFAVVR-COOH *
NH2-LGM<Mox>KPGEAIEHPWVTK-COOH *
NH2-LHYALVDEVDSILIDEAR-COOH *
NH2-MPEEVEELEQQR-COOH *
NH2-NELLDVSDVSETINSIR-COOH *
NH2-QLLEYDDVANDQR-COOH *
NH2-TLTATLPAYLNALTGK-COOH *
NH2-TPLIISGPAEDSSEM<Mox>YKR-COOH *
NH2-TPLIISGPAEDSSEMYKR-COOH *
NH2-DISFEAPNAPHVFQK-COOH *   PD 2nd control PD 3rd control
NH2-LDLDTASSQLADDVYEVVLR-COOH *
NH2-FVDPNLLVGNETR-COOH *
NH2-LFLTKPLGIGVLTTAEK-COOH *
NH2-LSPEIAR-COOH *
NH2-FTGNVIGDIVDAQYK-COOH *
NH2-GADANILQQVR-COOH *
NH2-LAGTGEMVAEVTER-COOH *
NH2-AELLYGVIDNSDFYR-COOH *
NH2-ALTDFMVEFER-COOH *
NH2-AQIFNFSSGPAM<Mox>LPAEVLK-COOH *
NH2-ASIYNAMPLEGVK-COOH *
NH2-DLLNVPSNYK-COOH *

NH2-GQFAAVPLNILGDK-COOH	*		PD 2nd control	
NH2-NIGPAGLTIVIVR-COOH	*			
NH2-IQAFDDFFGYR-COOH	*			
NH2-M<Mox>NTLGWFDFK-COOH	*			
NH2-SQDTTLNELAALLSC<Cmm*>SR-COOH	*			
NH2-IAIVNM<Mox>GSLFQQVAQK-COOH	*			
NH2-IAIVNMGSLFQQVAQK-COOH	*			
NH2-TGVSNTLENEFK-COOH	*			PD 3rd control
NH2-QSGFLDPVNYR-COOH	*			PD 3rd control
NH2-SFVAVHNQPGLYVGQQAR-COOH	*			
NH2-DLVVSLAYQVR-COOH	*			
NH2-DVFM<Mox>GVDELQVGM<Mox>R-CO	*			
NH2-DVFM<Mox>GVDELQVGMR-COOH	*			
NH2-DVFMGVDELQVGM<Mox>R-COOH	*			
NH2-DVFMGVDELQVGMR-COOH	*			
NH2-FLAETDQGPVPVEITAVEDDHVVVDGNF	*			
NH2-FNVEVVAIR-COOH	*			
NH2-DALAPHISAETIEYHYGK-COOH	*		PD 2nd control	
NH2-HHQTYVTNLNNLIK-COOH	*			
NH2-NFGSGWTWLVK-COOH	*		PD 2nd control	PD 3rd control
NH2-SFELPALPYAK-COOH	*	PD 1st control	PD 2nd control	PD 3rd control
NH2-VAEAIAASFGSFADFK-COOH	*		PD 2nd control	PD 3rd control
NH2-GADGVLITFAK-COOH	*			
NH2-IVELPAGATPVDFAYAVHTDIGHAC<Cm	*			
NH2-HILGLDHK-COOH	*			
NH2-IVTEGDKSSVVNNPTGR-COOH	*			
NH2-KIVTEGDKSSVVNNPTGR-COOH	*			
NH2-SSVVNNPTGR-COOH	*			
NH2-AVETLILDEADR-COOH	*			
NH2-EAGINNC<Cmm*>YLEGEM<Mox>VQC	*			
NH2-GFTRPTAIQAAAIPPALDGR-COOH	*			
NH2-GIDIPDVSHVFNFDM<Mox>PR-COOH	*			
NH2-ILILTPTR-COOH	*			
NH2-LLEDPVEVSANPSTR-COOH	*			
NH2-M<Mox>LDM<Mox>GFAQDIEHIAGET	*			
NH2-MLDMGFAQDIEHIAGETR-COOH	*			
NH2-TALLVHLLK-COOH	*			

NH2-TVTTFSELELDESLLEALQDK-COOH   *

NH2-VNVLVATDVAAR-COOH   *

NH2-DSFLASLTEAER-COOH   *   PD 2nd control

NH2-LPQLGIEFSGPGAK-COOH   *   PD 2nd control

NH2-ADGINPEELLGNSSAAAPR-COOH   *

NH2-ISTWLELMK-COOH   *

NH2-AFAENWLGK-COOH   *

NH2-AVLVNIFGGIVR-COOH   *

NH2-DLALIEINPLVITK-COOH   *

NH2-ELYLGAVVDR-COOH   *

NH2-GLTDAAQQVVAAVEGK-COOH   *

NH2-LADSGLNIIAAK-COOH   *

NH2-LGADGNALFR-COOH   *

NH2-DSILEAIDAGIK-COOH   *

NH2-SLADIGEALK-COOH   *

NH2-LLVSELSGVEPK-COOH   *

NH2-LSGDTLDGETAFR-COOH   *

NH2-FGFLLDALK-COOH   *   PD 2nd control

NH2-FLNAEIIEDILDR-COOH   *   PD 2nd control

NH2-NPM<Mox>ELTDVADLLK-COOH   *   PD 2nd control

NH2-NPMELTDVADLLK-COOH   *   PD 2nd control

NH2-GPIEFSNQELDDLIIR-COOH   *

NH2-TALYSWLFAR-COOH   *

NH2-ANDIVVALLQEK-COOH   *

NH2-ASFVTLQDVGGR-COOH   *

NH2-IAPELYLK-COOH   *

NH2-TKTGELSIHC<Cmm*>TELR-COOH   *

NH2-ALRPLPDKFHGLQDQEVR-COOH   *

NH2-GANEAIDFNDELR-COOH   *

NH2-IVTEIFDEVAEAHLIQPTFITEYPAEVSPLA *

NH2-TQTGELSIHC<Cmm*>TELR-COOH   *

NH2-VTYGEHVFDFGKPFEK-COOH   *   PD 2nd control

NH2-WDLGDIIGAR-COOH   *   PD 2nd control

NH2-YLDLIANDK-COOH   *

NH2-VVASPGQGQQFEIQASK-COOH   *

NH2-AELDALQAEIR-COOH   *

NH2-EISSC<Cmm*>SNVWDFQAR-COOH   *

NH2-LGEELDAAKAELDALQAEIR-COOH *

NH2-VLQLLGLPYR-COOH *

NH2-VLQLLGLPYRK-COOH *

NH2-AC<Cmm*>AEAGVFLISPFVGR-COOH *   PD 2nd control

NH2-LAVNFGAEILK-COOH *   PD 2nd control

NH2-LTIAPNLLK-COOH *

NH2-QFTTVVADSGDIESIR-COOH *   PD 2nd control

NH2-ELAESEGAIER-COOH *

NH2-ILDWYK-COOH *

NH2-ITESEFLWQHNQDPM<Mox>AVDK-CO *   PD 2nd control

NH2-KLIDDAVAWAK-COOH *

NH2-LASTWQGIR-COOH *

NH2-LIDDAVAWAK-COOH * PD 1st control

NH2-LTIAPALLK-COOH *

NH2-LYNDAGISNDR-COOH *

NH2-LYQPQDATTNPSLILNAAQIPEYR-COOH *

NH2-M<Mox>IGDLL-COOH *

NH2-NIGEILELAGC<Cmm*>DR-COOH *   PD 2nd control

NH2-QYTTVVADTGDIAAM<Mox>K-COOH *

NH2-QYTTVVADTGDIAAMK-COOH *

NH2-LEIEAIAVR-COOH *   PD 3rd control

NH2-KPIIYDVETLR-COOH *

NH2-AIEEGKLESFVTDFYQR-COOH *

NH2-GPILTDSGGFQVFSLGDIR-COOH *

NH2-ILEHVC<Cmm*>PQIPADKPR-COOH *

NH2-NGHLFVTDGVVK-COOH *

NH2-NPINGDPIFLDPEK-COOH *

NH2-YLM<Mox>GVGKPEDLVEGVR-COOH *

NH2-FVAINFEPVVGEILEK-COOH *

NH2-GIPTLLLFK-COOH *   PD 2nd control

NH2-M<Mox>IAPILDEIADEYQGK-COOH *

NH2-MIAPILDEIADEYQGK-COOH *

NH2-TTDELDAIFFGR-COOH *

NH2-VTDVLLASHENTAQIIDAR-COOH *

NH2-ANDIDVPAALIDSEIDVLR-COOH *

NH2-ANDIDVPAALIDSEIDVLRR-COOH *

NH2-ASDFVLAM<Mox>GQGR-COOH *

NH2-ASDFVLAMGQGR-COOH *

NH2-ELPELTAEFIK-COOH *

NH2-FGVEDGSVEGLR-COOH *

NH2-GLIEEM<Mox>ASAYEDPKEVIEFYSK-C *

NH2-GLIEEMASAYEDPKEVIEFYSK-COOH *

NH2-INPAGAPTYVPGEYK-COOH *   PD 3rd control

NH2-M<Mox>IPGFEDGIK-COOH *

NH2-MIPGFEDGIK-COOH *

NH2-MQVSVETTQGLGR-COOH *

NH2-NFIDAIIK-COOH *

NH2-NVALEEQAVEAVLAK-COOH *

NH2-QDVLGDLMSR-COOH *

NH2-RVTITIAADSIETAVK-COOH *

NH2-VTEKETTFNELM<Mox>NQQA-COOH *

NH2-VTITIAADSIETAVK-COOH *

NH2-VVVGLLLGEVIR-COOH *

NH2-ATYTQTHM<Mox>DFIIEAFK-COOH *   PD 2nd control

NH2-ATYTQTHMDFIIEAFK-COOH *   PD 2nd control

NH2-AVEIGSFLLGR-COOH *   PD 2nd control PD 3rd control

NH2-DDSFFDVYTEC<Cmm*>R-COOH *   PD 2nd control

NH2-EAEYKDWTIEQITR-COOH * PD 1st control

NH2-FAENAYFIK-COOH * PD 1st control PD 2nd control PD 3rd control

NH2-GAEQIYIPVLIK-COOH *   PD 2nd control PD 3rd control

NH2-GIEEVGPNNVPYIVATITSNSAGGQPVSL *

NH2-GLTFTYEPK-COOH *   PD 2nd control PD 3rd control

NH2-GNFDLEGLER-COOH * PD 1st control PD 2nd control PD 3rd control

NH2-IAQVQYLVDGLEEIGVVC<Cmm*>QQA *

NH2-KYDIPVVM<Mox>DSAR-COOH *

NH2-KYDIPVVMDSAR-COOH *

NH2-LAVGLYDGM<Mox>NLDWLAYR-COOH *

NH2-LAVGLYDGMNLDWLAYR-COOH *

NH2-LLPHIPADQFPAQALAC<Cmm*>ELYK-(* PD 1st control PD 2nd control PD 3rd control

NH2-M<Mox>VAFSNYFFDTTQGHSQINGC< *

NH2-MVAFSNYFFDTTQGHSQINGC<Cmm*> * PD 1st control

NH2-NIFGYQYTIPTHQGR-COOH * PD 1st control

NH2-SYYALAESVK-COOH *   PD 2nd control

NH2-TLC<Cmm*>VVQEGFPTYGGLEGGAM< *   PD 2nd control

Peptide		
NH2-TLC<Cmm*>VVQEGFPTYGGLEGGAME		PD 2nd control
NH2-YADMLAMSAK-COOH		
NH2-LFNAAK-COOH		PD 2nd control PD 3rd control
NH2-DELIR-COOH		PD 3rd control
NH2-SALVIQTLANGAVR-COOH		
NH2-TM<Mox>M<Mox>M<Mox>AQRLYEA	PD 1st control	
NH2-DLSDVTLGQFAGK-COOH		
NH2-NAEFLQAYGVAIADGPLK-COOH	PD 1st control	
NH2-HTAMK-COOH		
NH2-TSGKVM<Mox>VC<Cmm*>GGDVFC<		
NH2-DADELLAILASK-COOH		PD 2nd control
NH2-DGEPETPPNNWR-COOH		
NH2-FLHPEIVTVDPGYAEAGR-COOH		
NH2-QAAC<Cmm*>QLIAQVTGR-COOH		
NH2-VITPETTALLC<Cmm*>ATDTLALGASK-(		
NH2-IVQVPFAELVK-COOH		
NH2-NLSESNDYVPRPASRPVTK-COOH		
NH2-DNGAGVPDVGELLNYDADNVQHR-COO		
NH2-ISAISAASVSLLK-COOH		
NH2-LGYVTPLAAGAFPLTR-COOH		
NH2-AELDGKPVIVC<Cmm*>STGIGGPSTSIA		
NH2-AGMVAGVIVNR-COOH		
NH2-GSM<Mox>EEWQAMGVM<Mox>NYE	PD 1st control	
NH2-IGTTGAIQPHINVGDVLVTTASVR-COOH	PD 1st control	PD 3rd control
NH2-LDGASLHFAPLEFPAVADFEC<Cmm*>T		
NH2-NDLQGATLAIVPGDPDRVEK-COOH		PD 3rd control
NH2-SDVFHLGLTK-COOH		PD 3rd control
NH2-SIGATTHVGVTASSDTFYPGQER-COOH	PD 1st control	PD 3rd control
NH2-TQQEIPNAETMK-COOH		
NH2-NEETLEPVPYFQK-COOH		
NH2-VLVLVAAPEGIAALEK-COOH		
NH2-ISVTSLISASAQGK-COOH	PD 1st control	
NH2-QLINTVHVDM<Mox>LIVPLRDEEE-COO		
NH2-TILVPIDISDSELTQR-COOH		
NH2-DEVNELAEELGADVVVIGSR-COOH		
NH2-FGSVRDEVNELAEELGADVVVIGSR-COO		
NH2-HAEFLAQDDGVIHLLHVLPGSASLSLHR-(		

NH2-HANLPVLVVR-COOH *

NH2-LQTMVSHFTIDPSR-COOH *

NH2-NPSISTHLLGSNASSVIR-COOH *

NH2-TIIM<Mox>PVDVFEM<Mox>ELSDK-C(*

NH2-TIIMPVDVFEMELSDK-COOH *

NH2-SNPATYTGVFTPVR-COOH *

NH2-TLENLASQGYIR-COOH *

NH2-M<Mox>EC<Cmm*>FDISHTMGEQTV/ * PD 1st control

NH2-MEC<Cmm*>FDISHTM<Mox>GEQTV/ * PD 1st control

NH2-NVFAELDVSWDKNHPLLLGVAK-COOH *

NH2-TLLADSLSELAGR-COOH *

NH2-TFLDQTGGLWASGALYGK-COOH *   PD 2nd control

NH2-TQTAPVATPQELADYDAIIFGTPTR-COO *

NH2-VPETMPPQLFEK-COOH *   PD 2nd control

NH2-YQGEYVAGLAVK-COOH *

NH2-AFIDFLSEHVK-COOH *

NH2-ARPLFNSYR-COOH *

NH2-GELVELMADK-COOH *

NH2-IIASPDYISR-COOH *

NH2-LGVSLLNR-COOH *

NH2-QLSLTEEGER-COOH *

NH2-VLPVEMPFSAVYYSDR-COOH *

NH2-YGLSSNSGETLK-COOH *

NH2-ALQILDLFNEQATELK-COOH *

NH2-EALM<Mox>SALAQTR-COOH *

NH2-EQLQQAGLALSR-COOH *

NH2-TLQLHGYIDQNPENGK-COOH *

NH2-VDDAELANFREQLQQAGLALSR-COOH *

NH2-VIAALSLSTLTSR-COOH *

NH2-LVLELTER-COOH *

NH2-YLQAFPVDFIK-COOH *

NH2-LAHAM<Mox>GAHVVAFTTSEAK-COO *

NH2-SEWAGTVYPC<Cmm*>VPGHEIVGR-C(*   PD 2nd control

NH2-SPEVFNLIMK-COOH *   PD 2nd control

NH2-VGVVGIGGLGHM<Mox>GIK-COOH *

NH2-GIEGSSLDVPENIVHSGK-COOH *

NH2-PSFDIVSEVDLQEAR-COOH *   PD 2nd control

NH2-VLSESDFQVNQLLDILR-COOH *

NH2-LQGQILKR-COOH *

NH2-VLTETIFELM<Mox>GITPTLHGGQAQAI *

NH2-IATTNSGELLSLTPVEHVC<Cmm*>R-CO *

NH2-VIEFAQSGLKPLVK-COOH *

NH2-PGNINAWDNEDFVK-COOH *   PD 2nd control

NH2-AFQQQLAEVAIAGFQPQFNK-COOH *

NH2-TDIYNYDLPAR-COOH *

NH2-C<Cmm*>GKPFTHQVYTTYC<Cmm*>F *

NH2-LDYQGIYTPDQVER-COOH *

NH2-LPLTLDPVR-COOH *

NH2-RLDYQGIYTPDQVER-COOH *

NH2-VAESVVSVDSDVEC<Cmm*>SM<Mox> *

NH2-VAESVVSVDSDVEC<Cmm*>SMSFAIDI *

NH2-VKLPLTLDPVR-COOH *

NH2-VTVTLEC<Cmm*>QR-COOH *

NH2-AHPADVLPQEMDKLR-COOH *   PD 3rd control

NH2-ELGGNYYSDPDVPPR-COOH *   PD 3rd control

NH2-ELISGFADYVLQR-COOH *   PD 3rd control

NH2-EM<Mox>M<Mox>LELINQPEHFK-CO(*   PD 3rd control

NH2-HELDIAPPEPPYQPDEIYDALK-COOH *   PD 3rd control

NH2-PVVLK-COOH * PD 1st control

NH2-QWFGEFISQSR-COOH *   PD 3rd control

NH2-APTLYAEFTNK-COOH *

NH2-LC<Cmm*>HIIWRE-COOH *

NH2-HAGSAFSLFIDR-COOH *

NH2-IGPDIPM<Mox>AIVGSPDYFSR-COOH *

NH2-IGPDIPMAIVGSPDYFSR-COOH *

NH2-LSM<Mox>AQSALSQIVR-COOH *

NH2-LSMAQSALSQIVR-COOH *

NH2-DPSVVPFASAFPDPR-COOH *

NH2-MFSTGENWSR-COOH *

NH2-PQSGYYVAPQAIK-COOH *

NH2-ILSIDTEGLTAEQIR-COOH *

NH2-LAPLDLIR-COOH *

NH2-IVQSPDVIPADSEAGR-COOH *

NH2-KVEIPGVATTASPSSEVGR-COOH *

NH2-LAEPAPTGEQLQNILR-COOH * PD 2nd control
NH2-DLEKLEDEGFLTR-COOH * PD 1st control
NH2-VTVSNLSGIFQVTEETIRR-COOH * PD 1st control
NH2-PAGISNPKDFR-COOH * PD 1st control
NH2-LVADPLLFER-COOH * PD 2nd control
NH2-GDYEDRVDDYIIK-COOH *
NH2-M<Mox>ETTKPSFQDVLEFVR-COOH *
NH2-VLLLDNLSDYIK-COOH *
NH2-VLLLDNLSDYIKPGM<Mox>SVEAIQGIIA *
NH2-VLLLDNLSDYIKPGMSVEAIQGIIASM<M *
NH2-VLLLDNLSDYIKPGMSVEAIQGIIASMK-C *
NH2-C<Cmm*>PDIVLSSFLNGLIYEK-COOH *
NH2-TDDILAILTEQQFR-COOH *
NH2-QYHLSANEINQIINA-COOH * PD 2nd control
NH2-VTFLGFDAATEAR-COOH * PD 2nd control
NH2-AEAEQTLAALTEK-COOH *
NH2-ITPTFTEESDGVR-COOH *
#Gln->pyro-Glu (N-term Q)#-QVPAEAEEM(*
NH2-C<Cmm*>EEIANELTR-COOH *
NH2-DAIIDDLK-COOH *
NH2-EAVAERDAIIDDLKAR-COOH *
NH2-EAVAERDAIIDDLK-COOH *
NH2-GGVSHWLEGR-COOH *
NH2-GLISVEQEIK-COOH *
NH2-IAELEAALANK-COOH *
NH2-ITVLDNDGNR-COOH *
NH2-ITVLDNDGNRKPISNGAFYR-COOH *
NH2-KPISNGAFYR-COOH *
NH2-KYSVGM<Mox>LC<Cmm*>QVLAAM< *
NH2-LITLLPNWIDK-COOH *
NH2-LITLLPNWIDKLGDE-COOH *
NH2-QVPAEAEEM<Mox>GGEKVEEVAAEQA *
NH2-QVPAEAEEM<Mox>GGEKVEEVAAEQA *
NH2-QVPAEAEEM<Mox>GGEKVEEVAAEQA *
NH2-QVPAEAEEMGGEKVEEVAAEQAPNDEK *
NH2-QVPAEAEEMGGEKVEEVAAEQAPNDEK *
NH2-VHPEDRGEM<Mox>ELR-COOH *

NH2-VHPEDRGEMELR-COOH *
NH2-HLSSQQLANEAGVSQSSVVK-COOH *
NH2-LADYLLLQPDTAR-COOH *
NH2-LALSEALASQPESPSVPIHNQIR-COOH *
NH2-VLAITGFTPNALQQR-COOH *
#Gln->pyro-Glu (N-term Q)#-QAGYTVVTTS *
NH2-ASGTEHHGGVC<Cmm*>FLIK-COOH *
NH2-AWFIQSVTPR-COOH *
NH2-AYHVVDEAELTK-COOH *
NH2-GVVVQDAALLESGAAIR-COOH *
NH2-KAYHVVDEAELTK-COOH *
NH2-KWEDSPWR-COOH *
NH2-M<Mox>VLVLGQEYEGLPDAAR-COOH *
NH2-M<Mox>VLVLGQEYEGLPDAARDPNDL *
NH2-MVLVLGQEYEGLPDAAR-COOH *
NH2-MVLVLGQEYEGLPDAARDPNDLR-COO *
NH2-QAGYTVVTTSSEQGKPLFK-COOH *
NH2-SFIDPEVLR-COOH *
NH2-SFIDPEVLRR-COOH *
NH2-TAEGGAEHVQPITGDNIVNVLDDFR-CO *
NH2-VYGENAC<Cmm*>QALFQSRPEAIVR-C *
NH2-WEDSPWR-COOH *
NH2-AALANLFSELPSK-COOH *
NH2-ALWLLAGSASR-COOH *   PD 2nd control
NH2-IIAGEIQARPEQVDAAVR-COOH *
NH2-AYIGQHM<Mox>PLYC<Cmm*>SAM<I *
NH2-EDDHAILIYK-COOH *
NH2-ESGAAM<Mox>DREENELGVSC<Cmm *
NH2-ETAQAISNELGFTVR-COOH *
NH2-IYM<Mox>AFGHPDYVK-COOH *
NH2-IYMAFGHPDYVK-COOH *
NH2-LLQGLQSC<Cmm*>GYVTTAPAAGSYR- *
NH2-NTITELPAM<Mox>FDELAHIR-COOH *
NH2-NTITELPAMFDELAHIR-COOH *
NH2-SYWESHQHEIQPLTR-COOH *
NH2-VPYAVSISLSTSR-COOH *
NH2-ATAFAISVINDK-COOH *

NH2-ATIPLLINLLK-COOH   *
NH2-ATIPLLINLLKDPNGDVR-COOH   *
NH2-DIGAFILGQIK-COOH   *
NH2-FDDNEIITSAIDK-COOH   *
NH2-AGFAQVFVLK-COOH   * PD 1st control   PD 2nd control   PD 3rd control
NH2-ANNVGELEK-COOH   *   PD 3rd control
NH2-LKELAAATSSADEGASVAYK-COOH   *
NH2-IEIEAIAVR-COOH   *   PD 3rd control
NH2-TGEVPADVAAQAR-COOH   *
NH2-TIATENAPAAIGPYVQGVDLGNM<Mox*
NH2-TPLWLASLIR-COOH   *
NH2-AFFVVGNALDENPLIR-COOH   *
NH2-ILGISLAQLR-COOH   *
NH2-VASLHVPAVVSSAR-COOH   *
NH2-ALEQAIGVELFNR-COOH   *
NH2-ELEIVLS-COOH   *
NH2-HLLQQLESNLAELR-COOH   *
NH2-LVVLNRDELVIPIQAYAYR-COOH   *
NH2-WLYDFLTLEK-COOH   *
NH2-ALEFGPIEELR-COOH   * PD 1st control
NH2-TTQYGFFIDSSR-COOH   * PD 1st control
NH2-LIIPR-COOH   *   PD 3rd control
NH2-DESIR-COOH   *
NH2-LADDVGIWPLVVIR-COOH   *

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