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
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
P52697	6PGL_ECOLI	6-phosphogluconolactonase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P00509	AAT_ECOLI	Aspartate aminotransferase
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
P24182	ACCC_ECOLI	Biotin carboxylase
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
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
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P0A6A3	ACKA_ECOLI	Acetate kinase
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2

P36683	ACON2_ECOLI	Aconitate hydratase 2
P36683	ACON2_ECOLI	Aconitate hydratase 2
P22333	ADD_ECOLI	Adenosine deaminase
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
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide reductase subunit C
P35340	AHPF_ECOLI	Alkyl hydroperoxide reductase subunit F
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P00561	AK1H_ECOLI	Bifunctional aspartokinase/homoserine dehydrogenase 1
P08660	AK3_ECOLI	Lysine-sensitive aspartokinase 3
P08660	AK3_ECOLI	Lysine-sensitive aspartokinase 3
P08660	AK3_ECOLI	Lysine-sensitive aspartokinase 3
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
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
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
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
P36548	AMIA_ECOLI	Probable N-acetylmuramoyl-L-alanine amidase AmiA
P0AE18	AMPM_ECOLI	Methionine aminopeptidase
P0AE18	AMPM_ECOLI	Methionine aminopeptidase
P0AE18	AMPM_ECOLI	Methionine aminopeptidase
P04825	AMPN_ECOLI	Aminopeptidase N
P04825	AMPN_ECOLI	Aminopeptidase N
P04825	AMPN_ECOLI	Aminopeptidase N
P04825	AMPN_ECOLI	Aminopeptidase N
P04825	AMPN_ECOLI	Aminopeptidase N
P69503	APT_ECOLI	Adenine phosphoribosyltransferase
P69503	APT_ECOLI	Adenine phosphoribosyltransferase
P69503	APT_ECOLI	Adenine phosphoribosyltransferase
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
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA

P0A9Q1	ARCA_ECOLI	Aerobic respiration control protein ArcA
P0A6C8	ARGB_ECOLI	Acetylglutamate kinase
P0A6C8	ARGB_ECOLI	Acetylglutamate kinase
P0A6C8	ARGB_ECOLI	Acetylglutamate kinase
P07639	AROB_ECOLI	3-dehydroquinate synthase
P07639	AROB_ECOLI	3-dehydroquinate synthase
P07639	AROB_ECOLI	3-dehydroquinate synthase
P0AE28	AROM_ECOLI	Protein AroM
P0AE28	AROM_ECOLI	Protein AroM
P00963	ASNA_ECOLI	Aspartate--ammonia ligase
P00805	ASPG2_ECOLI	L-asparaginase 2
P00805	ASPG2_ECOLI	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
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
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
P37617	ATZN_ECOLI	Lead, cadmium, zinc and mercury-transporting ATPase
P37617	ATZN_ECOLI	Lead, cadmium, zinc and mercury-transporting ATPase
Q46829	BGLA_ECOLI	6-phospho-beta-glucosidase BglA
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P12995	BIOA_ECOLI	Adenosylmethionine-8-amino-7-oxononanoate aminotransfera
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase
P0A6E9	BIOD2_ECOLI	Putative dethiobiotin synthetase

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
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
P0ABH7	CISY_ECOLI	Citrate synthase
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
P69913	CSRA_ECOLI	Carbon storage regulator
P69913	CSRA_ECOLI	Carbon storage regulator
P69913	CSRA_ECOLI	Carbon storage regulator
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
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransfer
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransfer
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransfer
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridine-2,6-dicarboxylate N-succinyltransfer
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
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-beta
P0A6J8	DDLA_ECOLI	D-alanine--D-alanine ligase A
P0A6J8	DDLA_ECOLI	D-alanine--D-alanine ligase A
P0A6K3	DEF_ECOLI	Peptide deformylase
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
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
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
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, dihydroxyacetone-bi
P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase
P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase
P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase
P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase

P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase s
P37349	DHAM_ECOLI	PTS-dependent dihydroxyacetone kinase, phosphotransferase s
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
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

P69853	DMSD_ECOLI	Twin-arginine leader-binding protein dmsD
P69853	DMSD_ECOLI	Twin-arginine leader-binding protein dmsD
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
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
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

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
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
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
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
P0ABT2	DPS_ECOLI	DNA protection during starvation protein
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
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
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
P0A6N4	EFP_ECOLI	Elongation factor P
P0A6N4	EFP_ECOLI	Elongation factor P
P0A6N4	EFP_ECOLI	Elongation factor P
P0A6N4	EFP_ECOLI	Elongation factor P
P0A6N8	EFPL_ECOLI	Elongation factor P-like protein
P0A6N8	EFPL_ECOLI	Elongation factor P-like protein
P0A6N8	EFPL_ECOLI	Elongation factor P-like protein
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
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
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
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
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
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
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl-carrier-protein] dehydratase
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 1
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 1
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 1
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 1

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
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier protein transacylase
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
P0AAI5	FABF_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 2
P0AAI5	FABF_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 2
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-protein] reductase
P0A6R0	FABH_ECOLI	3-oxoacyl-[acyl-carrier-protein] synthase 3
P0AEK4	FABI_ECOLI	Enoyl-[acyl-carrier-protein] reductase [NADH]
P0AEK4	FABI_ECOLI	Enoyl-[acyl-carrier-protein] reductase [NADH]
P13024	FDHE_ECOLI	Protein fdhE
P13024	FDHE_ECOLI	Protein fdhE
P04128	FIMA1_ECOLI	Type-1 fimbrial protein, A chain
P04128	FIMA1_ECOLI	Type-1 fimbrial protein, A chain
P04128	FIMA1_ECOLI	Type-1 fimbrial protein, A chain
P04128	FIMA1_ECOLI	Type-1 fimbrial protein, A chain
P04128	FIMA1_ECOLI	Type-1 fimbrial protein, A chain
P08189	FIMF_ECOLI	Protein fimF
P08191	FIMH_ECOLI	Protein fimH
P08191	FIMH_ECOLI	Protein fimH
P08191	FIMH_ECOLI	Protein fimH
P08191	FIMH_ECOLI	Protein fimH
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P45523	FKBA_ECOLI	FKBP-type peptidyl-prolyl cis-trans isomerase fkpA
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase
P61949	FLAV_ECOLI	Flavodoxin-1
P61949	FLAV_ECOLI	Flavodoxin-1
P61949	FLAV_ECOLI	Flavodoxin-1

P23882	FMT_ECOLI	Methionyl-tRNA formyltransferase
P23882	FMT_ECOLI	Methionyl-tRNA formyltransferase
P0AC16	FOLB_ECOLI	Dihydroneopterin aldolase
P0AC16	FOLB_ECOLI	Dihydroneopterin aldolase
P00363	FRDA_ECOLI	Fumarate reductase flavoprotein subunit
P0AEN1	FRE_ECOLI	NAD(P)H-flavin reductase
P0AEN1	FRE_ECOLI	NAD(P)H-flavin reductase
P25437	FRMA_ECOLI	S-(hydroxymethyl)glutathione dehydrogenase
P25437	FRMA_ECOLI	S-(hydroxymethyl)glutathione dehydrogenase
P32669	FSAB_ECOLI	Fructose-6-phosphate aldolase 2
P32669	FSAB_ECOLI	Fructose-6-phosphate aldolase 2
P46889	FTSK_ECOLI	DNA translocase ftsK
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
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
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ
P0AC33	FUMB_ECOLI	Fumarate hydratase class I, aerobic
P14407	FUMB_ECOLI	Fumarate hydratase class I, anaerobic
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
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
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
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate isomerase
P0AEP3	GALU_ECOLI	UTP--glucose-1-phosphate uridylyltransferase
P0AEP3	GALU_ECOLI	UTP--glucose-1-phosphate uridylyltransferase
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
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
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
P37747	GLF_ECOLI	UDP-galactopyranose mutase
P37747	GLF_ECOLI	UDP-galactopyranose mutase
P0A6V8	GLK_ECOLI	Glucokinase
P0A6V8	GLK_ECOLI	Glucokinase
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri

P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
P17169	GLMS_ECOLI	Glucosamine--fructose-6-phosphate aminotransferase [isomeri
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
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
P0AEQ3	GLNH_ECOLI	Glutamine-binding periplasmic protein
P0AEQ3	GLNH_ECOLI	Glutamine-binding periplasmic protein
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0A6F3	GLPK_ECOLI	Glycerol kinase
P0AC69	GLRX4_ECOLI	Glutaredoxin-4
P0AC69	GLRX4_ECOLI	Glutaredoxin-4
P0AC69	GLRX4_ECOLI	Glutaredoxin-4
P0AC69	GLRX4_ECOLI	Glutaredoxin-4
P0AC69	GLRX4_ECOLI	Glutaredoxin-4
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase

P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P0A825	GLYA_ECOLI	Serine hydroxymethyltransferase
P63224	GMHA_ECOLI	Phosphoheptose isomerase
P63224	GMHA_ECOLI	Phosphoheptose isomerase
P0ACP5	GNTR_ECOLI	HTH-type transcriptional regulator gntR
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mutase
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mutase
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate-dependent phosphoglycerate mutase
P0A7A2	GPMB_ECOLI	Probable phosphoglycerate mutase gpmB
P0A7A2	GPMB_ECOLI	Probable phosphoglycerate mutase gpmB
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate-independent phosphoglycerate mutas
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
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P68066	GRCA_ECOLI	Autonomous glycyl radical cofactor
P0A6W5	GREA_ECOLI	Transcription elongation factor greA
P0A6W5	GREA_ECOLI	Transcription elongation factor greA
P0A6W5	GREA_ECOLI	Transcription elongation factor greA
P0A6W5	GREA_ECOLI	Transcription elongation factor greA
P0A6W5	GREA_ECOLI	Transcription elongation factor greA

P09372	GRPE_ECOLI	Protein grpE
P09372	GRPE_ECOLI	Protein grpE
P09372	GRPE_ECOLI	Protein grpE
P09372	GRPE_ECOLI	Protein grpE
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P23893	GSA_ECOLI	Glutamate-1-semialdehyde 2,1-aminomutase
P0A6W9	GSH1_ECOLI	Glutamate--cysteine ligase
P06715	GSHR_ECOLI	Glutathione reductase
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
P0AES4	GYRA_ECOLI	DNA gyrase subunit A
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
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
P0A6X3	HFQ_ECOLI	Protein hfq
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P60757	HIS1_ECOLI	ATP phosphoribosyltransferase
P06986	HIS8_ECOLI	Histidinol-phosphate aminotransferase
P06986	HIS8_ECOLI	Histidinol-phosphate aminotransferase
P06986	HIS8_ECOLI	Histidinol-phosphate aminotransferase
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
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
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
P76658	HLDE_ECOLI	Bifunctional protein hldE

P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P76658	HLDE_ECOLI	Bifunctional protein hldE
P08715	HLYAP_ECOLX	Hemolysin, plasmid
P0ACF8	HNS_ECOLI	DNA-binding protein H-NS
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A9M2	HPRT_ECOLI	Hypoxanthine phosphoribosyltransferase
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Z1	HSCA_ECOLI	Chaperone protein hscA
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin

P0A6Y5	HSLO_ECOLI	33 kDa chaperonin
P0A7B8	HSLV_ECOLI	ATP-dependent protease subunit HslV
P0A7B8	HSLV_ECOLI	ATP-dependent protease subunit HslV
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG
P37182	HYBD_ECOLI	Hydrogenase 2 maturation protease
P37182	HYBD_ECOLI	Hydrogenase 2 maturation protease
P37182	HYBD_ECOLI	Hydrogenase 2 maturation protease
P37182	HYBD_ECOLI	Hydrogenase 2 maturation protease
P37182	HYBD_ECOLI	Hydrogenase 2 maturation protease
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
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
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphatase
P0AAC8	ISCA_ECOLI	Iron-binding protein iscA
P0AAC8	ISCA_ECOLI	Iron-binding protein iscA
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
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase

Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0AEW9	K1PF_ECOLI	1-phosphofructokinase
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P0A796	K6PF1_ECOLI	6-phosphofructokinase isozyme 1
P69441	KAD_ECOLI	Adenylate kinase
P69441	KAD_ECOLI	Adenylate kinase
P04951	KDSB_ECOLI	3-deoxy-manno-octulosonate cytidylyltransferase
P60546	KGUA_ECOLI	Guanylate kinase
P60546	KGUA_ECOLI	Guanylate kinase
P60546	KGUA_ECOLI	Guanylate kinase
P60546	KGUA_ECOLI	Guanylate kinase
P60546	KGUA_ECOLI	Guanylate kinase
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
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
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
P21599	KPYK2_ECOLI	Pyruvate kinase II
P60785	LEPA_ECOLI	GTP-binding protein lepA
P60785	LEPA_ECOLI	GTP-binding protein lepA
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P60716	LIPA_ECOLI	Lipoyl synthase
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyristoyl] glucosamine N-acyltransferase
P45578	LUXS_ECOLI	S-ribosylhomocysteine lyase
P45578	LUXS_ECOLI	S-ribosylhomocysteine lyase
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
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
P0AEX9	MALE_ECOLI	Maltose-binding periplasmic protein
P68187	MALK_ECOLI	Regulator of sigma S factor FliZ/Maltose/maltodextrin import A
P00946	MANA_ECOLI	Mannose-6-phosphate isomerase
P00946	MANA_ECOLI	Mannose-6-phosphate isomerase
P0AEY5	MDAB_ECOLI	Modulator of drug activity B
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
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
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P25665	METE_ECOLI	5-methyltetrahydropteroyltriglutamate--homocysteine methylt
P13009	METH_ECOLI	Methionine synthase
P13009	METH_ECOLI	Methionine synthase
P13009	METH_ECOLI	
P13009	METH_ECOLI	Methionine 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
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
P0A817	METK_ECOLI	S-adenosylmethionine synthase
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine tRNA methylthiotransferase miaB
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD

P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0AEZ3	MIND_ECOLI	Septum site-determining protein minD
P0A734	MINE_ECOLI	Cell division topological specificity factor
P0A734	MINE_ECOLI	Cell division topological specificity factor
P0A734	MINE_ECOLI	Cell division topological specificity factor
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P0ADV7	MLAC_ECOLI	Probable phospholipid-binding protein mlaC
P12281	MOEA_ECOLI	Molybdopterin molybdenumtransferase
P37773	MPL_ECOLI	UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diar
P37773	MPL_ECOLI	UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diar
P37773	MPL_ECOLI	UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diar
P37773	MPL_ECOLI	UDP-N-acetylmuramate:L-alanyl-gamma-D-glutamyl-meso-diar
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A9X4	MREB_ECOLI	Rod shape-determining protein mreB
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P0A744	MSRA_ECOLI	Peptide methionine sulfoxide reductase msrA
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P23909	MUTS_ECOLI	DNA mismatch repair protein mutS
P0A6L4	NANA_ECOLI	N-acetylneuraminate lyase
P0A6L4	NANA_ECOLI	N-acetylneuraminate lyase
P0A6L4	NANA_ECOLI	N-acetylneuraminate lyase
P0A6L4	NANA_ECOLI	N-acetylneuraminate lyase
P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chaperone

P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chaperone N
P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chaperone N
P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chaperone N
P0AF26	NARJ_ECOLI	Nitrate reductase molybdenum cofactor assembly chaperone N
P0AF28	NARL_ECOLI	Nitrate/nitrite response regulator protein narL
P0AF28	NARL_ECOLI	Nitrate/nitrite response regulator protein narL
P0AF28	NARL_ECOLI	Nitrate/nitrite response regulator protein narL
P0AF28	NARL_ECOLI	Nitrate/nitrite response regulator protein narL
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P31802	NARP_ECOLI	Nitrate/nitrite response regulator protein narP
P38489	NFNB_ECOLI	Oxygen-insensitive NAD(P)H nitroreductase
P38489	NFNB_ECOLI	Oxygen-insensitive NAD(P)H nitroreductase
P38489	NFNB_ECOLI	Oxygen-insensitive NAD(P)H nitroreductase
P17117	NFSA_ECOLI	Oxygen-insensitive NADPH nitroreductase
P17117	NFSA_ECOLI	Oxygen-insensitive NADPH nitroreductase
P63020	NFUA_ECOLI	Fe/S biogenesis protein nfuA
P0AF63	NSRR_ECOLI	HTH-type transcriptional repressor nsrR
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P33602	NUOG_ECOLI	NADH-quinone oxidoreductase subunit G
P0AFF6	NUSA_ECOLI	Transcription elongation protein nusA
P0AFF6	NUSA_ECOLI	Transcription elongation protein nusA
P0AFF6	NUSA_ECOLI	Transcription elongation protein nusA
P0AFF6	NUSA_ECOLI	Transcription elongation protein nusA
P0A780	NUSB_ECOLI	N utilization substance protein B
P0A780	NUSB_ECOLI	N utilization substance protein B
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
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
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

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
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
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
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
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
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
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
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
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
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
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
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

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
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
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
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
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
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
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
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
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 of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py

P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of py

P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P06959	ODP2_ECOLI	Dihydrolipoyllysine-residue acetyltransferase component of pyr
P0A910	OMPA_ECOLI	Outer membrane protein A
P0A910	OMPA_ECOLI	Outer membrane protein A
P0A910	OMPA_ECOLI	Outer membrane protein A
P0AA16	OMPR_ECOLI	Transcriptional regulatory protein ompR
P0AA16	OMPR_ECOLI	Transcriptional regulatory protein ompR
P27298	OPDA_ECOLI	Oligopeptidase A
P27298	OPDA_ECOLI	Oligopeptidase A
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC
P31677	OTSA_ECOLI	Alpha,alpha-trehalose-phosphate synthase [UDP-forming]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P22259	PCKA_ECOLI	Phosphoenolpyruvate carboxykinase [ATP]
P40191	PDXK_ECOLI	Pyridoxine kinase
P40191	PDXK_ECOLI	Pyridoxine kinase
P15288	PEPD_ECOLI	Aminoacyl-histidine dipeptidase
P15288	PEPD_ECOLI	Aminoacyl-histidine dipeptidase
P15288	PEPD_ECOLI	Aminoacyl-histidine dipeptidase
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase
P29745	PEPT_ECOLI	Peptidase T
P29745	PEPT_ECOLI	Peptidase T
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
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
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P0A799	PGK_ECOLI	Phosphoglycerate kinase
P36938	PGM_ECOLI	Phosphoglucomutase
P36938	PGM_ECOLI	Phosphoglucomutase
P36938	PGM_ECOLI	Phosphoglucomutase
P23836	PHOP_ECOLI	Transcriptional regulatory protein phoP
P23836	PHOP_ECOLI	Transcriptional regulatory protein phoP
P23836	PHOP_ECOLI	Transcriptional regulatory protein phoP
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
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
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans isomerase B
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans isomerase B
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans isomerase B
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P23538	PPSA_ECOLI	Phosphoenolpyruvate synthase
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P45577	PROQ_ECOLI	ProP effector
P23830	PSS_ECOLI	CDP-diacylglycerol--serine O-phosphatidyltransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P08839	PT1_ECOLI	Phosphoenolpyruvate-protein phosphotransferase
P0A9M8	PTA_ECOLI	Phosphate acetyltransferase
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component

P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P69783	PTGA_ECOLI	Glucose-specific phosphotransferase enzyme IIA component
P0AA04	PTHP_ECOLI	Phosphocarrier protein HPr
P0AA04	PTHP_ECOLI	Phosphocarrier protein HPr
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P69828	PTKA_ECOLI	Galactitol-specific phosphotransferase enzyme IIA component
P37188	PTKB_ECOLI	Galactitol-specific phosphotransferase enzyme IIB component
P37188	PTKB_ECOLI	Galactitol-specific phosphotransferase enzyme IIB component
P37188	PTKB_ECOLI	Galactitol-specific phosphotransferase enzyme IIB component
P69795	PTQB_ECOLI	N,N'-diacetylchitobiose-specific phosphotransferase enzyme II
P69829	PTSN_ECOLI	Nitrogen regulatory protein
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
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
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase

P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P0A7E5	PYRG_ECOLI	CTP synthase
P77756	QUEC_ECOLI	7-cyano-7-deazaguanine synthase

Peptide	Modified Sequence		Midlog 1st control
AAVLPANLIQAQR	NH2-AAVLPANLIQAQR-COOH	*	Midlog 1st control
DYFGAHTYK	NH2-DYFGAHTYK-COOH	*	Midlog 1st control
EAYELVAPILTK	NH2-EAYELVAPILTK-COOH	*	Midlog 1st control
EFVESLETPR	NH2-EFVESLETPR-COOH	*	Midlog 1st control
EKTEEVIAENPGK	NH2-EKTEEVIAENPGK-COOH	*	
GYTVSIFNR	NH2-GYTVSIFNR-COOH	*	Midlog 1st control
IAAVAEDGEPCVTYIGADGAGHYVK	NH2-IAAVAEDGEPC<Cmm*>VTYIGAD	*	Midlog 1st control
IVSYAQGFSQLR	NH2-IVSYAQGFSQLR-COOH	*	Midlog 1st control
KLVPYYTVK	NH2-KLVPYYTVK-COOH	*	Midlog 1st control
NLALNIESR	NH2-NLALNIESR-COOH	*	Midlog 1st control
SKQQIGVVGmAVmGR	NH2-SKQQIGVVGM<Mox>AVM<Mox	*	Midlog 1st control
VLSGPQAQPAGDKAEFIEK	NH2-VLSGPQAQPAGDKAEFIEK-COOH	*	Midlog 1st control
EGFQPTETQPR	NH2-EGFQPTETQPR-COOH	*	Midlog 1st control
GLEEDAEGLR	NH2-GLEEDAEGLR-COOH	*	Midlog 1st control
SVFNSAGLEVR	NH2-SVFNSAGLEVR-COOH	*	Midlog 1st control
VAADFLAK	NH2-VAADFLAK-COOH	*	Midlog 1st control
VGACTLVAADSETVDR	NH2-VGAC<Cmm*>TLVAADSETVDR-	*	Midlog 1st control
INAEDPNTFLPSPGK	NH2-INAEDPNTFLPSPGK-COOH	*	
LICYGENR	NH2-LIC<Cmm*>YGENR-COOH	*	
NALQELIIDGIK	NH2-NALQELIIDGIK-COOH	*	
SGFIFIGPK	NH2-SGFIFIGPK-COOH	*	
TNVDLQIR	NH2-TNVDLQIR-COOH	*	
VVEEAPAPGITPELR	NH2-VVEEAPAPGITPELR-COOH	*	
AmDVYCHR	NH2-AM<Mox>DVYC<Cmm*>HR-CO	*	
AMDVYCHR	NH2-AMDVYC<Cmm*>HR-COOH	*	
CVDTSMGLTPLEGLVMGTR	NH2-C<Cmm*>VDTSMGLTPLEGLVM	*	
DAASFAPLHNPAHLIGIEEALK	NH2-DAASFAPLHNPAHLIGIEEALK-CO	*	
EGTRPAVVIPTNEELVIAQDASR	NH2-EGTRPAVVIPTNEELVIAQDASR-C	*	Midlog 1st control
ESGLLGLTEVTSDCR	NH2-ESGLLGLTEVTSDC<Cmm*>R-CO	*	Midlog 1st control
FAIIDAVNGEEYLSGLAECFHLPEAR	NH2-FAIIDAVNGEEYLSGLAEC<Cmm*>	*	
LDAVVFTGGIGENAAMVR	NH2-LDAVVFTGGIGENAAMVR-COOH	*	
LGVLGFEVDHER	NH2-LGVLGFEVDHER-COOH	*	Midlog 1st control
LVLVLNCGSSSLK	NH2-LVLVLNC<Cmm*>GSSSLK-COOH	*	Midlog 1st control
mLNKPVEELNIITCHLGNGGSVSA	NH2-M<Mox>LNKPVEELNIITC<Cmm*	*	
SGDIDPAIIFHLHDTLGmSVDAINK	NH2-SGDIDPAIIFHLHDTLGM<Mox>SV	*	
YGAHGTSHFYVTQEAAK	NH2-YGAHGTSHFYVTQEAAK-COOH	*	
YIGAYTALMDGR	NH2-YIGAYTALMDGR-COOH	*	
YTSSVVIDESVIQGIK	NH2-YTSSVVIDESVIQGIK-COOH	*	
YVEDNYATK	NH2-YVEDNYATK-COOH	*	
AGFLAAIAK	NH2-AGFLAAIAK-COOH	*	
DLVHAIPLYAIK	NH2-DLVHAIPLYAIK-COOH	*	
EGIEPDQPGVVGPIK	NH2-EGIEPDQPGVVGPIK-COOH	*	
GFPLAYVGDVVGTGSSR	NH2-GFPLAYVGDVVGTGSSR-COOH	*	
GGGLCLGGK	NH2-GGGLC<Cmm*>LGGK-COOH	*	
GGVSLRPGDGVIHSWLNR	NH2-GGVSLRPGDGVIHSWLNR-COOH	*	
LTVTVFK	NH2-LTVTVFK-COOH	*	
QIEALQQK	NH2-QIEALQQK-COOH	*	

SPLLTPEK	NH2-SPLLTPEK-COOH	*	
VADGATVVSTSTR	NH2-VADGATVVSTSTR-COOH	*	
VAFENIEDAAR	NH2-VAFENIEDAAR-COOH	*	
AAQYVASHPGEVCPAK	NH2-AAQYVASHPGEVC<Cmm*>PAK-	*	
ATFVVDPQGIIQAIEVTAEGIGR	NH2-ATFVVDPQGIIQAIEVTAEGIGR-C	*	
AWHSSSETIAK	NH2-AWHSSSETIAK-COOH	*	
DASDLLR	NH2-DASDLLR-COOH	*	
EGEATLAPSLDLVGKI	NH2-EGEATLAPSLDLVGKI-COOH	*	
IKYAmIGDPTGALTR	NH2-IKYAM<Mox>IGDPTGALTR-COO	*	
LGVDVYAVSTDTHFTHK	NH2-LGVDVYAVSTDTHFTHK-COOH	*	
NFDNmREDEGLADR	NH2-NFDNM<Mox>REDEGLADR-COO	*	
NGEFIEITEK	NH2-NGEFIEITEK-COOH	*	
NGEFIEITEKDTEGR	NH2-NGEFIEITEKDTEGR-COOH	*	
WKEGEATLAPSLDLVGKI	NH2-WKEGEATLAPSLDLVGKI-COOH	*	
YAmIGDPTGALTR	NH2-YAM<Mox>IGDPTGALTR-COOH	*	
YAMIGDPTGALTR	NH2-YAMIGDPTGALTR-COOH	*	
ASLSAFDYLIR	NH2-ASLSAFDYLIR-COOH	*	
EGLLEPLAVTER	NH2-EGLLEPLAVTER-COOH	*	
FGGTSVANAER	NH2-FGGTSVANAER-COOH	*	
GHNVTVIDPVEK	NH2-GHNVTVIDPVEK-COOH	*	
GmVGMAAR	NH2-GM<Mox>VGM<Mox>AAR-COO	*	
GYGAGNDVTAAGVFADLLR	NH2-GYGAGNDVTAAGVFADLLR-COO	*	
LAIISVVGDGMR	NH2-LAIISVVGDGMR-COOH	*	
TITPIAQFQIPCLIK	NH2-TITPIAQFQIPC<Cmm*>LIK-COO	*	
AEPDIAALAELAALQLLPR	NH2-AEPDIAALAELAALQLLPR-COOH	*	
EVFGVLEPFNIR	NH2-EVFGVLEPFNIR-COOH	*	
GFLAEVFGILAR	NH2-GFLAEVFGILAR-COOH	*	
AFQELNAIDVL	NH2-AFQELNAIDVL-COOH	*	Midlog 1st control
ANEAYLQGQLGNPK	NH2-ANEAYLQGQLGNPK-COOH	*	Midlog 1st control
APVIVQFSNGGASFIAGK	NH2-APVIVQFSNGGASFIAGK-COOH	*	Midlog 1st control
DSQEYVSK	NH2-DSQEYVSK-COOH	*	Midlog 1st control
DSVSYGVVK	NH2-DSVSYGVVK-COOH	*	Midlog 1st control
ENNFALPAVNCVGTDSINAVLETAA	NH2-ENNFALPAVNC<Cmm*>VGTDSI	*	Midlog 1st control
FTIAASFGNVHGVYKPGNVVLTPTIL	NH2-FTIAASFGNVHGVYKPGNVVLTPTI	*	
IFDFVKPGVITGDDVQK	NH2-IFDFVKPGVITGDDVQK-COOH	*	Midlog 1st control
KLLPWIDGLLDAGEK	NH2-KLLPWIDGLLDAGEK-COOH	*	
LLPWIDGLLDAGEK	NH2-LLPWIDGLLDAGEK-COOH	*	Midlog 1st control
SKIFDFVKPGVITGDDVQK	NH2-SKIFDFVKPGVITGDDVQK-COOH	*	Midlog 1st control
VFQVAK	NH2-VFQVAK-COOH	*	Midlog 1st control
VKAPVIVQFSNGGASFIAGK	NH2-VKAPVIVQFSNGGASFIAGK-COO	*	Midlog 1st control
AGGMGLILGR	NH2-AGGMGLILGR-COOH	*	
AGLINSGGAAGGETDLSDAVR	NH2-AGLINSGGAAGGETDLSDAVR-CO	*	
AINYGYTDDR	NH2-AINYGYTDDR-COOH	*	
AINYGYTDDRVYSK	NH2-AINYGYTDDRVYSK-COOH	*	
DADNLLQHR	NH2-DADNLLQHR-COOH	*	
DGVDYHVSADLTGQANHLAATIGA	NH2-DGVDYHVSADLTGQANHLAATIG	*	
LAGTGYLSILPVDQGVEHSAGASFA	NH2-LAGTGYLSILPVDQGVEHSAGASF	*	
LINAVQDVYLDSK	NH2-LINAVQDVYLDSK-COOH	*	

LTSENPIDLVR	NH2-LTSENPIDLVR-COOH	*	
NIVELAIEAGCNCVASTYGVLASVSR	NH2-NIVELAIEAGC<Cmm*>NC<Cmm	*	
NmQTLYNTGR	NH2-NM<Mox>QTLYNTGR-COOH	*	
QIEEISAAFER	NH2-QIEEISAAFER-COOH	*	
TDIAQLLGK	NH2-TDIAQLLGK-COOH	*	
VMIDNNRPPAVLR	NH2-VMIDNNRPPAVLR-COOH	*	
YQLANCYMGR	NH2-YQLANC<Cmm*>YMGR-COOH	*	
TSAESILTTGPVVPVIVVK	NH2-TSAESILTTGPVVPVIVVK-COOH	*	Midlog 1st control
DFTQQLENDmR	NH2-DFTQQLENDM<Mox>R-COOH	*	Midlog 1st control
DTVYAFSR	NH2-DTVYAFSR-COOH	*	Midlog 1st control
ELVATLTELCER	NH2-ELVATLTELC<Cmm*>ER-COOH	*	Midlog 1st control
ELVATLTELCEREK	NH2-ELVATLTELC<Cmm*>EREK-COOH	*	Midlog 1st control
FDEVGNLYGR	NH2-FDEVGNLYGR-COOH	*	Midlog 1st control
FPYVFWGSK	NH2-FPYVFWGSK-COOH	*	Midlog 1st control
GNSFVDAMK	NH2-GNSFVDAMK-COOH	*	Midlog 1st control
LLYSPEWLETQQQFK	NH2-LLYSPEWLETQQQFK-COOH	*	Midlog 1st control
mGDPLVLTFGK	NH2-M<Mox>GDPLVLTFGK-COOH	*	Midlog 1st control
MGDPLVLTFGK	NH2-MGDPLVLTFGK-COOH	*	Midlog 1st control
NIFGLANPDDVR	NH2-NIFGLANPDDVR-COOH	*	Midlog 1st control
RDTVYAFSR	NH2-RDTVYAFSR-COOH	*	Midlog 1st control
TLALmLYQLAWQK	NH2-TLALM<Mox>LYQLAWQK-COOH	*	Midlog 1st control
TNITDLAEGVK	NH2-TNITDLAEGVK-COOH	*	Midlog 1st control
TTFTIDCR	NH2-TTFTIDC<Cmm*>R-COOH	*	Midlog 1st control
VEPRPNTVNVVPGK	NH2-VEPRPNTVNVVPGK-COOH	*	Midlog 1st control
VPTCmIFIPSINGISHNPAER	NH2-VPTC<Cmm*>M<Mox>IFIPSINGI	*	
VEIAHK	NH2-VEIAHK-COOH	*	
FVEAEGFSVVR	NH2-FVEAEGFSVVR-COOH	*	
ITQESLYLALR	NH2-ITQESLYLALR-COOH	*	
KDDTIPAIISHDE	NH2-KDDTIPAIISHDE-COOH	*	
EVALELYVDR	NH2-EVALELYVDR-COOH	*	Midlog 1st control
GLENLSGDLYEK	NH2-GLENLSGDLYEK-COOH	*	Midlog 1st control
LIEPLIR	NH2-LIEPLIR-COOH	*	Midlog 1st control
TVVTAVSQAVR	NH2-TVVTAVSQAVR-COOH	*	Midlog 1st control
WDAAQSLLATYIK	NH2-WDAAQSLLATYIK-COOH	*	
GFLFGAPVALGLGVGFVPVR	NH2-GFLFGAPVALGLGVGFVPVR-COO	*	
QGITSYSLVPFPGH	NH2-QGITSYSLVPFPGH-COOH	*	
TATAQQLEYLK	NH2-TATAQQLEYLK-COOH	*	Midlog 1st control
VLVVDDLLATGGTIEATVK	NH2-VLVVDDLLATGGTIEATVK-COOH	*	Midlog 1st control
EQANVALmFLTGR	NH2-EQANVALM<Mox>FLTGR-COOH	*	
EQANVALMFLTGR	NH2-EQANVALMFLTGR-COOH	*	
FNGWELDINSR	NH2-FNGWELDINSR-COOH	*	
MQTPHILIVEDELVTR	NH2-MQTPHILIVEDELVTR-COOH	*	
NGLLLAR	NH2-NGLLLAR-COOH	*	
SLIGPDGEQYKLPR	NH2-SLIGPDGEQYKLPR-COOH	*	
TmNLGTVSEER	NH2-TM<Mox>NLGTVSEER-COOH	*	
TmNLGTVSEERR	NH2-TM<Mox>NLGTVSEERR-COOH	*	
TMNLGTVSEER	NH2-TMNLGTVSEER-COOH	*	
TMNLGTVSEERR	NH2-TMNLGTVSEERR-COOH	*	

TVDVTIR	NH2-TVDVTIR-COOH	*
IAEmTAAK	NH2-IAEM<Mox>TAAK-COOH	*
VTPADQIDIITGALAGTANK	NH2-VTPADQIDIITGALAGTANK-COOH	*
VTQLDEELGHVGLAQPGSPK	NH2-VTQLDEELGHVGLAQPGSPK-COO	*
LGQFSSAETQR	NH2-LGQFSSAETQR-COOH	*
LILPLAIGK	NH2-LILPLAIGK-COOH	*
SLAVLDTVFTALLQKPHGR	NH2-SLAVLDTVFTALLQKPHGR-COOH	*
QLDVPVLLSNVLIAR	NH2-QLDVPVLLSNVLIAR-COOH	*
SPVFSLGNPIHDSEQK	NH2-SPVFSLGNPIHDSEQK-COOH	*
ERAIAK	NH2-ERAIAK-COOH	*
VGIVYNYANASDLPAK	NH2-VGIVYNYANASDLPAK-COOH	*
VPTGATTQDAEVDDAK	NH2-VPTGATTQDAEVDDAK-COOH	*
AVDSMIPIGR	NH2-AVDSMIPIGR-COOH	*
ELIIGDR	NH2-ELIIGDR-COOH	*
GYLADVELSK	NH2-GYLADVELSK-COOH	*
ILEVPVGR	NH2-ILEVPVGR-COOH	*
QSVDQPVQTGYK	NH2-QSVDQPVQTGYK-COOH	*
TALAIDAIINQR	NH2-TALAIDAIINQR-COOH	*
VNAEYVEAFTKGEVK	NH2-VNAEYVEAFTKGEVK-COOH	*
YAIALNLER	NH2-YAIALNLER-COOH	*
FLSQPFFVAEVFTGSPGK	NH2-FLSQPFFVAEVFTGSPGK-COOH	*
GLDVKDLEHPIEVPVGK	NH2-GLDVKDLEHPIEVPVGK-COOH	*
GVQSILQR	NH2-GVQSILQR-COOH	*
LVLEVQQQLGGGIVR	NH2-LVLEVQQQLGGGIVR-COOH	*
NIAIEHSGYSVFAGVGER	NH2-NIAIEHSGYSVFAGVGER-COOH	*
QIASLGIYPAVDPLDSTSR	NH2-QIASLGIYPAVDPLDSTSR-COOH	*
QLDPLVVGQEHYDTAR	NH2-QLDPLVVGQEHYDTAR-COOH	*
TVNmmELIR	NH2-TVNM<Mox>M<Mox>ELIR-COO	*
VALTGLTmAEK	NH2-VALTGLTM<Mox>AEK-COOH	*
VALTGLTMAEK	NH2-VALTGLTMAEK-COOH	*
VGLFGGAGVGK	NH2-VGLFGGAGVGK-COOH	*
YTLAGTEVSALLGR	NH2-YTLAGTEVSALLGR-COOH	*
RGALIK	NH2-RGALIK-COOH	*
VSGMDCAACAR	NH2-VSGMDC<Cmm*>AAC<Cmm*>A	*
YVFTDVQLR	NH2-YVFTDVQLR-COOH	*
ALTGGTMTLSATLTTR	NH2-ALTGGTMTLSATLTTR-COOH	*
EGILLIADEIATGFGR	NH2-EGILLIADEIATGFGR-COOH	*
GYLPENLFAPAPQSR	NH2-GYLPENLFAPAPQSR-COOH	*
LFACEHAEIAPDILCLGK	NH2-LFAC<Cmm*>EHAEIAPDILC<Cm	*
LIYLmPPYIILPQQLQR	NH2-LIYLM<Mox>PPYIILPQQLQR-CO	*
LIYLMPPYIILPQQLQR	NH2-LIYLMPPYIILPQQLQR-COOH	*
VLGAIGVVETTHPVNMAALQK	NH2-VLGAIGVVETTHPVNMAALQK-CO	*
ALLQALASQGK	NH2-ALLQALASQGK-COOH	*
FFITGTDTSVGK	NH2-FFITGTDTSVGK-COOH	*
INPGLAHYAEIIDVLGK	NH2-INPGLAHYAEIIDVLGK-COOH	*
KLPAPLIGELPYLPR	NH2-KLPAPLIGELPYLPR-COOH	*
LPAPLIGELPYLPR	NH2-LPAPLIGELPYLPR-COOH	*
TVAGYKPVAK	NH2-TVAGYKPVAK-COOH	*

ADAPLIQWDATSATLK	NH2-ADAPLIQWDATSATLK-COOH	*	Midlog 1st control
ALGCHSIDR	NH2-ALGC<Cmm*>HSIDR-COOH	*	
QFmNELNSGLDLR	NH2-QFM<Mox>NELNSGLDLR-COOH	*	
QFMNELNSGLDLR	NH2-QFMNELNSGLDLR-COOH	*	
SATGLDEDALAFALLPLAAACAR	NH2-SATGLDEDALAFALLPLAAAC<Cm	*	
SPSGVALECK	NH2-SPSGVALEC<Cmm*>K-COOH	*	
SPSGVALECKDGR	NH2-SPSGVALEC<Cmm*>KDGR-COO	*	
TLLmDEQDHGYALTGDALSQAAI	NH2-TLLM<Mox>DEQDHGYALTGDAL	*	
TLLMDEQDHGYALTGDALSQAAIAA	NH2-TLLMDEQDHGYALTGDALSQAAIA	*	
TPLSNFNVGAIAR	NH2-TPLSNFNVGAIAR-COOH	*	Midlog 1st control
SAGGIVLTGSAAAK	NH2-SAGGIVLTGSAAAK-COOH	*	
AAVEEGVVAGGGVALIR	NH2-AAVEEGVVAGGGVALIR-COOH	*	
AIAQVGTISANSDETVGK	NH2-AIAQVGTISANSDETVGK-COOH	*	
ALSVPCSDSK	NH2-ALSVPC<Cmm*>SDSK-COOH	*	
AmEAPLR	NH2-AM<Mox>EAPLR-COOH	*	
ANDAAGDGTTTATVLAQAIITEGLK	NH2-ANDAAGDGTTTATVLAQAIITEGL	*	
ARVEDALHATR	NH2-ARVEDALHATR-COOH	*	
ATLEDLGQAK	NH2-ATLEDLGQAK-COOH	*	
AVTAAVEELK	NH2-AVTAAVEELK-COOH	*	
EMLPVLEAVAK	NH2-EMLPVLEAVAK-COOH	*	
GQNEDQNVGIK	NH2-GQNEDQNVGIK-COOH	*	
GVNVLADAVK	NH2-GVNVLADAVK-COOH	*	
LIAEAmDK	NH2-LIAEAM<Mox>DK-COOH	*	
QIVLNCGEEPSVVANTVK	NH2-QIVLNC<Cmm*>GEEPSVVANTV	*	
QQIEEATSDYDREK	NH2-QQIEEATSDYDREK-COOH	*	
VEDALHATR	NH2-VEDALHATR-COOH	*	
VGAATEVEmK	NH2-VGAATEVEM<Mox>K-COOH	*	
VGAATEVEmKEK	NH2-VGAATEVEM<Mox>KEK-COOH	*	
VGAATEVEMK	NH2-VGAATEVEMK-COOH	*	
GTLGQDVIDIR	NH2-GTLGQDVIDIR-COOH	*	
AIDLIDEAASSIR	NH2-AIDLIDEAASSIR-COOH	*	
GGESVNDQGAEDQR	NH2-GGESVNDQGAEDQR-COOH	*	
IINGEVPEGLK	NH2-IINGEVPEGLK-COOH	*	
LEVNEDRIVAVQ	NH2-LEVNEDRIVAVQ-COOH	*	
QLEAATQLEGK	NH2-QLEAATQLEGK-COOH	*	
TAIVEGLAQR	NH2-TAIVEGLAQR-COOH	*	
VFVAEPSVEDTIAILR	NH2-VFVAEPSVEDTIAILR-COOH	*	
VIGQNEAVDAVSNAIR	NH2-VIGQNEAVDAVSNAIR-COOH	*	
VLALDMGALVAGAK	NH2-VLALDMGALVAGAK-COOH	*	
EEIYQR	NH2-EEIYQR-COOH	*	
EVSVHREEIYQR	NH2-EVSVHREEIYQR-COOH	*	
IGVNAPK	NH2-IGVNAPK-COOH	*	
AEEIVASNPEK	NH2-AEEIVASNPEK-COOH	*	
ALGANLVLTEGAK	NH2-ALGANLVLTEGAK-COOH	*	Midlog 1st control
IQGIGAGFIPANLDLK	NH2-IQGIGAGFIPANLDLK-COOH	*	
LQEDESFTNK	NH2-LQEDESFTNK-COOH	*	
NIVVILPSSGER	NH2-NIVVILPSSGER-COOH	*	Midlog 1st control
VIGITNEEAISTAR	NH2-VIGITNEEAISTAR-COOH	*	Midlog 1st control

AVNLLK	NH2-AVNLLK-COOH	*	
EAVNQVIALLDSGALR	NH2-EAVNQVIALLDSGALR-COOH	*	
FADYDEAR	NH2-FADYDEAR-COOH	*	
MQQLQNIIETAFER	NH2-MQQLQNIIETAFER-COOH	*	
VGINELLR	NH2-VGINELLR-COOH	*	
AALESTLAAITESLK	NH2-AALESTLAAITESLK-COOH	*	
EGDAVQLVGFGTFK	NH2-EGDAVQLVGFGTFK-COOH	*	
IAAANVPAFVSGK	NH2-IAAANVPAFVSGK-COOH	*	Midlog 1st control
TQLIDVIAEKAELSK	NH2-TQLIDVIAEKAELSK-COOH	*	
TQLIDVIAEK	NH2-TQLIDVIAEK-COOH	*	
ALDAIIASVTESLK	NH2-ALDAIIASVTESLK-COOH	*	
EGDDVALVGFGTFAVK	NH2-EGDDVALVGFGTFAVK-COOH	*	
EITIAAAK	NH2-EITIAAAK-COOH	*	
IAAGADISK	NH2-IAAGADISK-COOH	*	
NPQTGKEITIAAAK	NH2-NPQTGKEITIAAAK-COOH	*	
SQLIDK	NH2-SQLIDK-COOH	*	
SQLIDKIAAGADISK	NH2-SQLIDKIAAGADISK-COOH	*	
DAGLNIAPFITLTR	NH2-DAGLNIAPFITLTR-COOH	*	
LIELALER	NH2-LIELALER-COOH	*	
LVLINPELLEK	NH2-LVLINPELLEK-COOH	*	
SVLQVLHIPDER	NH2-SVLQVLHIPDER-COOH	*	
GAFVSQVLPNSSAAK	NH2-GAFVSQVLPNSSAAK-COOH	*	
AFIMVLDSFGIGATEDAER	NH2-AFIMVLDSFGIGATEDAER-COOH	*	
ATGLDALFDATIK	NH2-ATGLDALFDATIK-COOH	*	Midlog 1st control
DVAGYAAGLELFDR	NH2-DVAGYAAGLELFDR-COOH	*	Midlog 1st control
EHIPVLVYGPK	NH2-EHIPVLVYGPK-COOH	*	Midlog 1st control
ETFADIGQTLAK	NH2-ETFADIGQTLAK-COOH	*	Midlog 1st control
FGDVGADTLGHIAEACAK	NH2-FGDVGADTLGHIAEAC<Cmm*>A	*	Midlog 1st control
GPLNLPNLTR	NH2-GPLNLPNLTR-COOH	*	Midlog 1st control
IADIYANCGITK	NH2-IADIYANC<Cmm*>GITK-COOH	*	Midlog 1st control
KGPLNLPNLTR	NH2-KGPLNLPNLTR-COOH	*	Midlog 1st control
TGNRHDLAVEPPAPTVLQK	NH2-TGNRHDLAVEPPAPTVLQK-COOH	*	
VIARPFIGDK	NH2-VIARPFIGDK-COOH	*	Midlog 1st control
YFGTSDmEYGK	NH2-YFGTSDM<Mox>EYGK-COOH	*	Midlog 1st control
FGASSLLASLLK	NH2-FGASSLLASLLK-COOH	*	
TPVGNTAAICIYPR	NH2-TPVGNTAAIC<Cmm*>IYPR-COO	*	
ALTICTVSDHIR	NH2-ALTIC<Cmm*>TVSDHIR-COOH	*	Midlog 1st control
GmLGFTGTYK	NH2-GM<Mox>LGFTGTYK-COOH	*	Midlog 1st control
IALESVLLGDKE	NH2-IALESVLLGDKE-COOH	*	Midlog 1st control
QTTFNDmIK	NH2-QTTFNDM<Mox>IK-COOH	*	
QTTFNDMIK	NH2-QTTFNDMIK-COOH	*	
VGSCGAVLPHVK	NH2-VGSC<Cmm*>GAVLPHVK-COOH	*	
YIAETFLEDAR	NH2-YIAETFLEDAR-COOH	*	Midlog 1st control
LINDVQDVLDEQLAGLAK	NH2-LINDVQDVLDEQLAGLAK-COOH	*	
GICLSAGSPVSHSALIAR	NH2-GIC<Cmm*>LSAGSPVSHSALIAR-	*	
IAIAAGIDDPQNPIGTDAVK	NH2-IAIAAGIDDPQNPIGTDAVK-COOH	*	
LGEGVGELAR	NH2-LGEGVGELAR-COOH	*	
QLAEDNFGETEEVAPPTLRPVPPVS	NH2-QLAEDNFGETEEVAPPTLRPVPPV	*	

QmLmSDSCK	NH2-QM<Mox>LM<Mox>SDSC<Cmm	*	
YIDVDDLLHR	NH2-YIDVDDLLHR-COOH	*	
AGVEVDDR	NH2-AGVEVDDR-COOH	*	
AGVEVDDRGFIR	NH2-AGVEVDDRGFIR-COOH	*	Midlog 1st control
AIASDCADGmTK	NH2-AIASDC<Cmm*>ADGM<Mox>TK	*	
AIASDCADGMTK	NH2-AIASDC<Cmm*>ADGMTK-COOH	*	Midlog 1st control
ALAEHGIVFGEPK	NH2-ALAEHGIVFGEPK-COOH	*	Midlog 1st control
APAEPQRYDAVLVAIGR	NH2-APAEPQRYDAVLVAIGR-COOH	*	Midlog 1st control
CADLGLETVIVER	NH2-C<Cmm*>ADLGLETVIVER-COOH	*	
EDGIYVTmEGK	NH2-EDGIYVTM<Mox>EGK-COOH	*	Midlog 1st control
EDGIYVTmEGKK	NH2-EDGIYVTM<Mox>EGKK-COOH	*	
EDGIYVTMEGK	NH2-EDGIYVTMEGK-COOH	*	
EDGIYVTMEGKK	NH2-EDGIYVTMEGKK-COOH	*	
EKGISYETATFPWAASGR	NH2-EKGISYETATFPWAASGR-COOH	*	
EKVINQLTGGLAGmAK	NH2-EKVINQLTGGLAGM<Mox>AK-CC	*	
EKVINQLTGGLAGMAK	NH2-EKVINQLTGGLAGMAK-COOH	*	
FNLmLETK	NH2-FNLM<Mox>LETK-COOH	*	Midlog 1st control
FNLMLETK	NH2-FNLMLETK-COOH	*	Midlog 1st control
FTGANTLEVEGENGK	NH2-FTGANTLEVEGENGK-COOH	*	Midlog 1st control
FTGANTLEVEGENGKTVINFDNAIIA	NH2-FTGANTLEVEGENGKTVINFDNAII	*	
GISYETATFPWAASGR	NH2-GISYETATFPWAASGR-COOH	*	Midlog 1st control
GVHEGHVAAEVIAGK	NH2-GVHEGHVAAEVIAGK-COOH	*	
GVHEGHVAAEVIAGKK	NH2-GVHEGHVAAEVIAGKK-COOH	*	
HYFDPK	NH2-HYFDPK-COOH	*	
IWDSTDALELK	NH2-IWDSTDALELK-COOH	*	Midlog 1st control
IWDSTDALELKEVPER	NH2-IWDSTDALELKEVPER-COOH	*	Midlog 1st control
KAPAEPQRYDAVLVAIGR	NH2-KAPAEPQRYDAVLVAIGR-COOH	*	
KFNLmLETK	NH2-KFNLM<Mox>LETK-COOH	*	Midlog 1st control
KFNLMLETK	NH2-KFNLMLETK-COOH	*	Midlog 1st control
LIFDKESHR	NH2-LIFDKESHR-COOH	*	
PIQLPFIPHEDPR	NH2-PIQLPFIPHEDPR-COOH	*	
STEIKTQVVVLGAGPAGYSAAFR	NH2-STEIKTQVVVLGAGPAGYSAAFR-C	*	Midlog 1st control
TDIDKIR	NH2-TDIDKIR-COOH	*	
TNVPHIFAIGDIVGQPmLAHK	NH2-TNVPHIFAIGDIVGQPM<Mox>LA	*	
TNVPHIFAIGDIVGQPMLAHK	NH2-TNVPHIFAIGDIVGQPMLAHK-CO	*	
TQVVVLGAGPAGYSAAFR	NH2-TQVVVLGAGPAGYSAAFR-COOH	*	Midlog 1st control
TVINFDNAIIAAGSR	NH2-TVINFDNAIIAAGSR-COOH	*	Midlog 1st control
TVINFDNAIIAAGSRPIQLPFIPHEDP	NH2-TVINFDNAIIAAGSRPIQLPFIPHED	*	
VINQLTGGLAGmAK	NH2-VINQLTGGLAGM<Mox>AK-COO	*	Midlog 1st control
VINQLTGGLAGMAK	NH2-VINQLTGGLAGMAK-COOH	*	Midlog 1st control
VIPSIAYTEPEVAWVGLTEK	NH2-VIPSIAYTEPEVAWVGLTEK-COOH	*	Midlog 1st control
VIPSIAYTEPEVAWVGLTEKEAK	NH2-VIPSIAYTEPEVAWVGLTEKEAK-CC	*	
VTAVEAKEDGIYVTmEGK	NH2-VTAVEAKEDGIYVTM<Mox>EGK-	*	Midlog 1st control
VTAVEAKEDGIYVTmEGKK	NH2-VTAVEAKEDGIYVTM<Mox>EGKK	*	
VTAVEAKEDGIYVTMEGK	NH2-VTAVEAKEDGIYVTMEGK-COOH	*	Midlog 1st control
VTAVEAKEDGIYVTMEGKK	NH2-VTAVEAKEDGIYVTMEGKK-COOH	*	
YDAVLVAIGR	NH2-YDAVLVAIGR-COOH	*	Midlog 1st control
YNTLGGVCLNVGCIPSK	NH2-YNTLGGVC<Cmm*>LNVGC<Cmn	*	Midlog 1st control

ESVLFGDSTLALR	NH2-ESVLFGDSTLALR-COOH	*	
FLDVFIEK	NH2-FLDVFIEK-COOH	*	
<QAVTNPQNTLFAIK	#Gln->pyro-Glu (N-term Q)#-QAVTNP	*	
<QAVTNPQNTLFAIKR	#Gln->pyro-Glu (N-term Q)#-QAVTNP	*	
AKIELSSAQQTDVNLPYITADATGPK	NH2-AKIELSSAQQTDVNLPYITADATGP	*	
AKLESLVEDLVNR	NH2-AKLESLVEDLVNR-COOH	*	Midlog 1st control
ASSGLNEDEIQK	NH2-ASSGLNEDEIQK-COOH	*	Midlog 1st control
DAEANAEADRKFEELVQTR	NH2-DAEANAEADRKFEELVQTR-COOH	*	
DDDVVDAEFEEVKDKK	NH2-DDDVVDAEFEEVKDKK-COOH	*	
DQGIDLR	NH2-DQGIDLR-COOH	*	
DQGIDLRNDPLAmQR	NH2-DQGIDLRNDPLAM<Mox>QR-CO	*	
DVSImPFK	NH2-DVSIM<Mox>PFK-COOH	*	
DVSIMPFK	NH2-DVSIMPFK-COOH	*	
FEELVQTR	NH2-FEELVQTR-COOH	*	
FQDEEVQR	NH2-FQDEEVQR-COOH	*	
FQDEEVQRDVSImPFK	NH2-FQDEEVQRDVSIM<Mox>PFK-CO	*	
FQDEEVQRDVSIMPFK	NH2-FQDEEVQRDVSIMPFK-COOH	*	
GKIIGIDLGTTNSCVAImDGTTPR	NH2-GKIIGIDLGTTNSC<Cmm*>VAIM<	*	
GKIIGIDLGTTNSCVAIMDGTTPR	NH2-GKIIGIDLGTTNSC<Cmm*>VAIM	*	
HSQVFSTAEDNQSAVTIHVLQGER	NH2-HSQVFSTAEDNQSAVTIHVLQGER	*	
IAGLEVK	NH2-IAGLEVK-COOH	*	
IAGLEVKR	NH2-IAGLEVKR-COOH	*	
IELSSAQQTDVNLPYITADATGPK	NH2-IELSSAQQTDVNLPYITADATGPK-	*	
IIAADNGDAWVEVK	NH2-IIAADNGDAWVEVK-COOH	*	Midlog 1st control
IIAADNGDAWVEVKGQK	NH2-IIAADNGDAWVEVKGQK-COOH	*	
IIGIDLGTTNSCVAImDGTTPR	NH2-IIGIDLGTTNSC<Cmm*>VAIM<M	*	
IIGIDLGTTNSCVAIMDGTTPR	NH2-IIGIDLGTTNSC<Cmm*>VAIMDG	*	
IINEPTAAALAYGLDK	NH2-IINEPTAAALAYGLDK-COOH	*	Midlog 1st control
IINEPTAAALAYGLDKGTGNR	NH2-IINEPTAAALAYGLDKGTGNR-COO	*	Midlog 1st control
KDVNPDEAVAIGAAVQGGVLTGDV	NH2-KDVNPDEAVAIGAAVQGGVLTGD	*	
KFEELVQTR	NH2-KFEELVQTR-COOH	*	
KTAEDYLGEPVTEAVITVPAYFNDA	NH2-KTAEDYLGEPVTEAVITVPAYFNDA	*	
KVAEFFGK	NH2-KVAEFFGK-COOH	*	
KVAEFFGKEPR	NH2-KVAEFFGKEPR-COOH	*	
LESLVEDLVNR	NH2-LESLVEDLVNR-COOH	*	Midlog 1st control
LINYLVEEFK	NH2-LINYLVEEFK-COOH	*	
LINYLVEEFKK	NH2-LINYLVEEFKK-COOH	*	Midlog 1st control
LINYLVEEFKKDQGIDLR	NH2-LINYLVEEFKKDQGIDLR-COOH	*	
LmEIAQQQHAQQQTAGADASA	NH2-LM<Mox>EIAQQQHAQQQTAGA	*	
mAPPQISAEVLK	NH2-M<Mox>APPQISAEVLK-COOH	*	Midlog 1st control
mAPPQISAEVLKK	NH2-M<Mox>APPQISAEVLKK-COOH	*	
mPMVQKK	NH2-M<Mox>PMVQKK-COOH	*	
mQELAQVSQK	NH2-M<Mox>QELAQVSQK-COOH	*	
MAPPQISAEVLK	NH2-MAPPQISAEVLK-COOH	*	
MAPPQISAEVLKK	NH2-MAPPQISAEVLKK-COOH	*	
MPMVQKK	NH2-MPMVQKK-COOH	*	
MQELAQVSQK	NH2-MQELAQVSQK-COOH	*	

NDPLAmQR	NH2-NDPLAM<Mox>QR-COOH	*	
NDPLAMQR	NH2-NDPLAMQR-COOH	*	
NQGDHLLHSTR	NH2-NQGDHLLHSTR-COOH	*	
NTTIPTK	NH2-NTTIPTK-COOH	*	
QAVTNPQNTLFAIK	NH2-QAVTNPQNTLFAIK-COOH	*	Midlog 1st control
QAVTNPQNTLFAIKR	NH2-QAVTNPQNTLFAIKR-COOH	*	Midlog 1st control
RFQDEEVQR	NH2-RFQDEEVQR-COOH	*	
RIINEPTAAALAYGLDK	NH2-RIINEPTAAALAYGLDK-COOH	*	
RIINEPTAAALAYGLDKGTGNR	NH2-RIINEPTAAALAYGLDKGTGNR-CO	*	
RQAVTNPQNTLFAIK	NH2-RQAVTNPQNTLFAIK-COOH	*	
SIEPLKVALQDAGLSVSDIDDVILVGG	NH2-SIEPLKVALQDAGLSVSDIDDVILVG	*	
SLGQFNLDGINPAPR	NH2-SLGQFNLDGINPAPR-COOH	*	Midlog 1st control
TAEDYLGEPVTEAVITVPAYFNDAQR	NH2-TAEDYLGEPVTEAVITVPAYFNDAQ	*	
TFEVLATNGDTHLGGEDFDSR	NH2-TFEVLATNGDTHLGGEDFDSR-COO	*	
TTPSIIAYTQDGETLVGQPAK	NH2-TTPSIIAYTQDGETLVGQPAK-COO	*	
TTPSIIAYTQDGETLVGQPAKR	NH2-TTPSIIAYTQDGETLVGQPAKR-COO	*	
VAEFFGK	NH2-VAEFFGK-COOH	*	
VAEFFGKEPR	NH2-VAEFFGKEPR-COOH	*	Midlog 1st control
VALQDAGLSVSDIDDVILVGGQTR	NH2-VALQDAGLSVSDIDDVILVGGQTR-	*	
VLENAEGDR	NH2-VLENAEGDR-COOH	*	
VLENAEGDRTTPSIIAYTQDGETLVGG	NH2-VLENAEGDRTTPSIIAYTQDGETLVG	*	
VLENAEGDRTTPSIIAYTQDGETLVGG	NH2-VLENAEGDRTTPSIIAYTQDGETLVG	*	
Ac-MKFTVER	#Acetyl (Protein N-term)#-MKFTVER-C	*	
AAILSNEK	NH2-AAILSNEK-COOH	*	
AAILSNEKFR	NH2-AAILSNEKFR-COOH	*	
AHVGDFIFTSK	NH2-AHVGDFIFTSK-COOH	*	Midlog 1st control
AHVGDFIFTSKLVDGR	NH2-AHVGDFIFTSKLVDGR-COOH	*	
EHLLKPLQQVSGPLGGR	NH2-EHLLKPLQQVSGPLGGR-COOH	*	
FFDICR	NH2-FFDIC<Cmm*>R-COOH	*	
FPDYRR	NH2-FPDYRR-COOH	*	
FSLSTLPAADFPNLDDWQSEVEFTLP	NH2-FSLSTLPAADFPNLDDWQSEVEFTL	*	
FSLSTLPAADFPNLDDWQSEVEFTLP	NH2-FSLSTLPAADFPNLDDWQSEVEFTL	*	
FSLSTLPAADFPNLDDWQSEVEFTLP	NH2-FSLSTLPAADFPNLDDWQSEVEFTL	*	
FTVEREHLLKPLQQVSGPLGGR	NH2-FTVEREHLLKPLQQVSGPLGGR-CO	*	
GLPEGAEIAVQLEGER	NH2-GLPEGAEIAVQLEGER-COOH	*	Midlog 1st control
GLPEGAEIAVQLEGERmLVR	NH2-GLPEGAEIAVQLEGERM<Mox>LV	*	
GVIELmR	NH2-GVIELM<Mox>R-COOH	*	
GVIELMR	NH2-GVIELMR-COOH	*	
HLEAGCDLLK	NH2-HLEAGC<Cmm*>DLLK-COOH	*	
KFFDICR	NH2-KFFDIC<Cmm*>R-COOH	*	
KGVIELmR	NH2-KGVIELM<Mox>R-COOH	*	
KGVIELMR	NH2-KGVIELMR-COOH	*	
LAVCSmPIGQSLPSHSVIVPR	NH2-LAVC<Cmm*>SM<Mox>PIGQSLP	*	
LAVCSMPIGQSLPSHSVIVPR	NH2-LAVC<Cmm*>SMPIGQSLPSHSVIV	*	
LIEATQFSmAHQDVR	NH2-LIEATQFSM<Mox>AHQDVR-COO	*	Midlog 1st control
LIEATQFSMAHQDVR	NH2-LIEATQFSMAHQDVR-COOH	*	
LVDGRFPDYR	NH2-LVDGRFPDYR-COOH	*	
LYVSENQLK	NH2-LYVSENQLK-COOH	*	Midlog 1st control

mKFTVER	NH2-M<Mox>KFTVER-COOH	*	
mLDGGDNPLR	NH2-M<Mox>LDGGDNPLR-COOH	*	Midlog 1st control
mLDGGDNPLRVQIGSNNIR	NH2-M<Mox>LDGGDNPLRVQIGSNNI	*	
mmLTDSVSSVQIEDAASQSAAYV	NH2-M<Mox>M<Mox>LTDSVSSVQIE	*	
mmLTDSVSSVQIEDAASQSAAYV	NH2-M<Mox>M<Mox>LTDSVSSVQIE	*	
mmLTDSVSSVQIEDAASQSAAYV	NH2-M<Mox>M<Mox>LTDSVSSVQIE	*	
mmLTDSVSSVQIEDAASQSAAYV	NH2-M<Mox>M<Mox>LTDSVSSVQIE	*	
mmLTDSVSSVQIEDAASQSAAYV	NH2-M<Mox>M<Mox>LTDSVSSVQIE	*	
mMLTDSVSSVQIEDAASQSAAY	NH2-M<Mox>MLTDSVSSVQIEDAASQ	*	
mMLTDSVSSVQIEDAASQSAAY	NH2-M<Mox>MLTDSVSSVQIEDAASQ	*	
mMLTDSVSSVQIEDAASQSAAY	NH2-M<Mox>MLTDSVSSVQIEDAASQ	*	
mMLTDSVSSVQIEDAASQSAAY	NH2-M<Mox>MLTDSVSSVQIEDAASQ	*	
mMLTDSVSSVQIEDAASQSAAY	NH2-M<Mox>MLTDSVSSVQIEDAASQ	*	
MKFTVER	NH2-MKFTVER-COOH	*	
MLDGGDNPLR	NH2-MLDGGDNPLR-COOH	*	
MLDGGDNPLRVQIGSNNIR	NH2-MLDGGDNPLRVQIGSNNIR-COO	*	
MmLTDSVSSVQIEDAASQSAAYV	NH2-MM<Mox>LTDSVSSVQIEDAASQ	*	
MmLTDSVSSVQIEDAASQSAAYV	NH2-MM<Mox>LTDSVSSVQIEDAASQ	*	
MmLTDSVSSVQIEDAASQSAAYV	NH2-MM<Mox>LTDSVSSVQIEDAASQ	*	
MmLTDSVSSVQIEDAASQSAAYV	NH2-MM<Mox>LTDSVSSVQIEDAASQ	*	
MmLTDSVSSVQIEDAASQSAAYV	NH2-MM<Mox>LTDSVSSVQIEDAASQ	*	
MMLTDSVSSVQIEDAASQSAAYVVr	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVVr	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVVr	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVVr	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVV	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVV	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
MMLTDSVSSVQIEDAASQSAAYVV	NH2-MMLTDSVSSVQIEDAASQSAAYV	*	
NPDKHLEAGCDLLK	NH2-NPDKHLEAGC<Cmm*>DLLK-CO	*	
NPDKHLEAGCDLLKQAFAR	NH2-NPDKHLEAGC<Cmm*>DLLKQAF	*	
RLIEATQFSmAHQDVR	NH2-RLIEATQFSM<Mox>AHQDVR-CO	*	
RLIEATQFSMAHQDVR	NH2-RLIEATQFSMAHQDVR-COOH	*	
TVATDGHR	NH2-TVATDGHR-COOH	*	
VALVQPHEPGATTVPAR	NH2-VALVQPHEPGATTVPAR-COOH	*	Midlog 1st control
VALVQPHEPGATTVPARK	NH2-VALVQPHEPGATTVPARK-COOH	*	
VLPKNPDKHLEAGCDLLK	NH2-VLPKNPDKHLEAGC<Cmm*>DLLK	*	
VQIGSNNIR	NH2-VQIGSNNIR-COOH	*	
YYLNGmLFETEGEELR	NH2-YYLNGM<Mox>LFETEGEELR-CO	*	
YYLNGmLFETEGEELRTVATDGH	NH2-YYLNGM<Mox>LFETEGEELRTVA	*	
YYLNGMLFETEGEELR	NH2-YYLNGMLFETEGEELR-COOH	*	
YYLNGMLFETEGEELRTVATDGHR	NH2-YYLNGMLFETEGEELRTVATDGHR	*	
AIGEAKDDDTADILTAASR	NH2-AIGEAKDDDTADILTAASR-COOH	*	
AVQLGGVALGTTQVINSK	NH2-AVQLGGVALGTTQVINSK-COOH	*	
GANFIAVHEMLDGFR	NH2-GANFIAVHEMLDGFR-COOH	*	
QVIQFIDLSLITK	NH2-QVIQFIDLSLITK-COOH	*	
SYPLDIHNVQDHLK	NH2-SYPLDIHNVQDHLK-COOH	*	

TALIDHLDTMAER	NH2-TALIDHLDTMAER-COOH	*
YAIVANDVR	NH2-YAIVANDVR-COOH	*
Ac-ARTTPIAR	#Acetyl (Protein N-term)#-ARTTPIAR-	*
<QKVTDVEGK	#Gln->pyro-Glu (N-term Q)#-QKVTDV	*
AGDIAAAIGLK	NH2-AGDIAAAIGLK-COOH	*
AGDIAAAIGLKDVTTGDTLCDPDAPI	NH2-AGDIAAAIGLKDVTTGDTLC<Cmm	*
AGPLAGYPVVDmGIR	NH2-AGPLAGYPVVDM<Mox>GIR-COO	*
AGPLAGYPVVDMGIR	NH2-AGPLAGYPVVDMGIR-COOH	*
AKPVLLEPImK	NH2-AKPVLLEPIM<Mox>K-COOH	*
AKPVLLEPIMK	NH2-AKPVLLEPIMK-COOH	*
ASYTmEFLKYDEAPSNVAQAVIEA	NH2-ASYTM<Mox>EFLKYDEAPSNVAQ	*
ASYTMEFLK	NH2-ASYTMEFLK-COOH	*
ASYTMEFLKYDEAPSNVAQAVIEAR	NH2-ASYTMEFLKYDEAPSNVAQAVIEA	*
DVTTGDTLCDPDAPIILER	NH2-DVTTGDTLC<Cmm*>DPDAPIILE	*
EDPSFR	NH2-EDPSFR-COOH	*
EEIKEVR	NH2-EEIKEVR-COOH	*
EFNVEANVGKPQVAYR	NH2-EFNVEANVGKPQVAYR-COOH	*
GGVIPGEYIPAVDK	NH2-GGVIPGEYIPAVDK-COOH	*
GGVIPGEYIPAVDKGIQEQLK	NH2-GGVIPGEYIPAVDKGIQEQLK-COO	*
GIQEQLK	NH2-GIQEQLK-COOH	*
GITITSAATTAFWSGmAK	NH2-GITITSAATTAFWSGM<Mox>AK-	*
GITITSAATTAFWSGMAK	NH2-GITITSAATTAFWSGMAK-COOH	*
GmLKGQESEVTGVK	NH2-GM<Mox>LKGQESEVTGVK-COO	*
GMLKGQESEVTGVK	NH2-GMLKGQESEVTGVK-COOH	*
GQESEVTGVK	NH2-GQESEVTGVK-COOH	*
GQYGHVVIDmYPLEPGSNPK	NH2-GQYGHVVIDM<Mox>YPLEPGSN	*
GQYGHVVIDMYPLEPGSNPK	NH2-GQYGHVVIDMYPLEPGSNPK-COO	*
GYEFINDIK	NH2-GYEFINDIK-COOH	*
HASDDEPFSALAFK	NH2-HASDDEPFSALAFK-COOH	*
IAFVNK	NH2-IAFVNK-COOH	*
IAFVNKmDR	NH2-IAFVNKM<Mox>DR-COOH	*
IATDPFVGNLTFFR	NH2-IATDPFVGNLTFFR-COOH	*
IGEVHDGAATmDWMEQEQER	NH2-IGEVHDGAATM<Mox>DWMEQE	*
IGEVHDGAATMDWmEQEQER	NH2-IGEVHDGAATMDWM<Mox>EQE	*
IGEVHDGAATMDWMEQEQER	NH2-IGEVHDGAATMDWMEQEQER-C	*
IHAEVPLSEmFGYATQLR	NH2-IHAEVPLSEM<Mox>FGYATQLR-	*
IHAEVPLSEMFGYATQLR	NH2-IHAEVPLSEMFGYATQLR-COOH	*
ILFYTGVNHK	NH2-ILFYTGVNHK-COOH	*
INIIDTPGHVDFTIEVER	NH2-INIIDTPGHVDFTIEVER-COOH	*
IVQmHANK	NH2-IVQM<Mox>HANK-COOH	*
IVQMHANK	NH2-IVQMHANK-COOH	*
IVQMHANKR	NH2-IVQMHANKR-COOH	*
LAASIAFK	NH2-LAASIAFK-COOH	*
LAKEDPSFR	NH2-LAKEDPSFR-COOH	*
LGANPVPLQLAIGAEEHFTGVVDLVK	NH2-LGANPVPLQLAIGAEEHFTGVVDL	*
LHFGSYHDVDSSELAFK	NH2-LHFGSYHDVDSSELAFK-COOH	*
mEFPEPVISIAVEPK	NH2-M<Mox>EFPEPVISIAVEPK-COOH	*

mGANFLK	NH2-M<Mox>GANFLK-COOH	*
MEFPEPVISIAVEPK	NH2-MEFPEPVISIAVEPK-COOH	*
NIGISAHIDAGK	NH2-NIGISAHIDAGK-COOH	*
QKVTDVEGK	NH2-QKVTDVEGK-COOH	*
VEVETPEENTGDVIGDLSR	NH2-VEVETPEENTGDVIGDLSR-COOH	*
VLDGAVMVYCAVGGVQPQSETVW	NH2-VLDGAVMVYC<Cmm*>AVGGVQ	*
VLNNEIILVTCGSAFK	NH2-VLNNEIILVTC<Cmm*>GSAFK-CO	*
VYSGVVNSGDTVLNSVK	NH2-VYSGVVNSGDTVLNSVK-COOH	*
YDEAPSNVAQAVIEAR	NH2-YDEAPSNVAQAVIEAR-COOH	*
YLGGEELTEAEIK	NH2-YLGGEELTEAEIK-COOH	*
ATYYSNDFR	NH2-ATYYSNDFR-COOH	*
GDTAGTGGKPATLSTGAVVK	NH2-GDTAGTGGKPATLSTGAVVK-CO	*
PATLSTGAVVK	NH2-PATLSTGAVVK-COOH	*
RLLTGTR	NH2-RLLTGTR-COOH	*
VPLFVQIGEVIK	NH2-VPLFVQIGEVIK-COOH	*
DIDIQSPTAR	NH2-DIDIQSPTAR-COOH	*
FKGDDIVDTVTLTR	NH2-FKGDDIVDTVTLTR-COOH	*
TGLKVEER	NH2-TGLKVEER-COOH	*
AEITASLVK	NH2-AEITASLVK-COOH	*
AGNVAADGVIK	NH2-AGNVAADGVIK-COOH	*
ALTEANGDIELAIENMR	NH2-ALTEANGDIELAIENMR-COOH	*
AQFEEER	NH2-AQFEEER-COOH	*
DAGFQAFADK	NH2-DAGFQAFADK-COOH	*
DAGFQAFADKVLDAAVAGK	NH2-DAGFQAFADKVLDAAVAGK-COO	*
EHNAEVTGFIR	NH2-EHNAEVTGFIR-COOH	*
FEVGEGIEKVETDFAAEVAAmSK	NH2-FEVGEGIEKVETDFAAEVAAM<M	*
FTGEVSLTGQPFVmEPSK	NH2-FTGEVSLTGQPFVM<Mox>EPSK-	*
FTGEVSLTGQPFVMEPSK	NH2-FTGEVSLTGQPFVMEPSK-COOH	*
GADEELVK	NH2-GADEELVK-COOH	*
IGENINIR	NH2-IGENINIR-COOH	*
ITDVEVLK	NH2-ITDVEVLK-COOH	*
KAGNVAADGVIK	NH2-KAGNVAADGVIK-COOH	*
RVAALEGDVLGSYQHGAR	NH2-RVAALEGDVLGSYQHGAR-COOH	*
VAALEGDVLGSYQHGAR	NH2-VAALEGDVLGSYQHGAR-COOH	*
VLDAAVAGK	NH2-VLDAAVAGK-COOH	*
<QVGVPYIIVFLNK	#Gln->pyro-Glu (N-term Q)#-QVGVPY	*
AFDQIDNAPEEKAR	NH2-AFDQIDNAPEEKAR-COOH	*
AFDQIDNAPEEK	NH2-AFDQIDNAPEEK-COOH	*
AGENVGVLLR	NH2-AGENVGVLLR-COOH	*
AIDKPFLLPIEDVFSISGR	NH2-AIDKPFLLPIEDVFSISGR-COOH	*
ALEGDAEWEAK	NH2-ALEGDAEWEAK-COOH	*
CDmVDDEELLELVEmEVR	NH2-C<Cmm*>DM<Mox>VDDEELLEL	*
CDmVDDEELLELVEMEVR	NH2-C<Cmm*>DM<Mox>VDDEELLEL	*
CDMVDDEELLELVEmEVR	NH2-C<Cmm*>DMVDDEELLELVEM<	*
CDMVDDEELLELVEMEVR	NH2-C<Cmm*>DMVDDEELLELVEMEV	*
DEGGR	NH2-DEGGR-COOH	*
EHILLGR	NH2-EHILLGR-COOH	*
ELLSQYDFPGDDTPIVR	NH2-ELLSQYDFPGDDTPIVR-COOH	*

FESEVYILSK	NH2-FESEVYILSK-COOH	*	
FESEVYILSKDEGGR	NH2-FESEVYILSKDEGGR-COOH	*	
GIIKVGEEVEIVGIKETQK	NH2-GIIKVGEEVEIVGIKETQK-COOH	*	
GITINTSHVEYDTPTR	NH2-GITINTSHVEYDTPTR-COOH	*	
GQVLAKPGTIKPHTK	NH2-GQVLAKPGTIKPHTK-COOH	*	
GTVVTGRVER	NH2-GTVVTGRVER-COOH	*	
GYRPQFYFR	NH2-GYRPQFYFR-COOH	*	
HYAHVDCPGHADYVK	NH2-HYAHVDC<Cmm*>PGHADYVK-C	*	
ILELAGFLDSYIPEPER	NH2-ILELAGFLDSYIPEPER-COOH	*	
KLLDEGR	NH2-KLLDEGR-COOH	*	
LLDEGR	NH2-LLDEGR-COOH	*	
mVVTLIHPIAmDDGLR	NH2-M<Mox>VVTLIHPIAM<Mox>DD	*	
mVVTLIHPIAMDDGLR	NH2-M<Mox>VVTLIHPIAMDDGLR-CO	*	
MVVTLIHPIAmDDGLR	NH2-MVVTLIHPIAM<Mox>DDGLR-CO	*	
MVVTLIHPIAMDDGLR	NH2-MVVTLIHPIAMDDGLR-COOH	*	
NmITGAAQmDGAILVVAATDGP	NH2-NM<Mox>ITGAAQM<Mox>DGA	*	
NmITGAAQmDGAILVVAATDGP	NH2-NM<Mox>ITGAAQM<Mox>DGA	*	
NmITGAAQMDGAILVVAATDGP	NH2-NM<Mox>ITGAAQMDGAILVVAA	*	
NmITGAAQMDGAILVVAATDGP	NH2-NM<Mox>ITGAAQMDGAILVVAA	*	
NMITGAAQmDGAILVVAATDGP	NH2-NMITGAAQM<Mox>DGAILVVAA	*	
NMITGAAQmDGAILVVAATDGP	NH2-NMITGAAQM<Mox>DGAILVVAA	*	
NMITGAAQMDGAILVVAATDGPm	NH2-NMITGAAQMDGAILVVAATDGP	*	
NMITGAAQMDGAILVVAATDGPM	NH2-NMITGAAQMDGAILVVAATDGP	*	
PQFYFR	NH2-PQFYFR-COOH	*	
QVGVPYIIVFLNK	NH2-QVGVPYIIVFLNK-COOH	*	
REEIER	NH2-REEIER-COOH	*	
STCTGVEmFR	NH2-STC<Cmm*>TGVEM<Mox>FR-C	*	
STCTGVEmFRK	NH2-STC<Cmm*>TGVEM<Mox>FRK-	*	
STCTGVEMFR	NH2-STC<Cmm*>TGVEMFR-COOH	*	
STCTGVEMFRK	NH2-STC<Cmm*>TGVEMFRK-COOH	*	
TKPHVNVGTIGHVDHGK	NH2-TKPHVNVGTIGHVDHGK-COOH	*	
TTDVTGTIELPEGVEmVmPGDNIK	NH2-TTDVTGTIELPEGVEM<Mox>VM	*	
TTDVTGTIELPEGVEmVMPGDNIK	NH2-TTDVTGTIELPEGVEM<Mox>VM	*	
TTDVTGTIELPEGVEMVmPGDNIK	NH2-TTDVTGTIELPEGVEMVM<Mox>	*	
TTDVTGTIELPEGVEMVMPGDNIK	NH2-TTDVTGTIELPEGVEMVMPGDNIK	*	
TTLTAAITTVLAK	NH2-TTLTAAITTVLAK-COOH	*	
TTLTAAITTVLAKTYGGAAR	NH2-TTLTAAITTVLAKTYGGAAR-COOH	*	
TVGAGVVAK	NH2-TVGAGVVAK-COOH	*	
VGEEVEIVGIK	NH2-VGEEVEIVGIK-COOH	*	
VGEEVEIVGIKETQK	NH2-VGEEVEIVGIKETQK-COOH	*	
LDQLAEIVK	NH2-LDQLAEIVK-COOH	*	
AAAAAK	NH2-AAAAAK-COOH	*	
AAGYELGK	NH2-AAGYELGK-COOH	*	
AAGYELGKDITLAMDCAASEFYK	NH2-AAGYELGKDITLAMDC<Cmm*>A	*	
AAGYELGKDITLAMDCAASEFYKDG	NH2-AAGYELGKDITLAMDC<Cmm*>A	*	
AFTSEEFTHFLEELTK	NH2-AFTSEEFTHFLEELTK-COOH	*	
AVAAVNGPIAQALIGK	NH2-AVAAVNGPIAQALIGK-COOH	*	Midlog 1st control

AVAAVNGPIAQALIGKDAK	NH2-AVAAVNGPIAQALIGKDAK-COOH	*	
DAGYTAVISHR	NH2-DAGYTAVISHR-COOH	*	Midlog 1st control
DAKDQAGIDKImIDLDGTENK	NH2-DAKDQAGIDKIM<Mox>IDLDGTE	*	
DITLAMDCAASEFYK	NH2-DITLAMDC<Cmm*>AASEFYK-CO	*	
DQAGIDKImIDLDGTENK	NH2-DQAGIDKIM<Mox>IDLDGTENK-	*	
DQAGIDKIMIDLDGTENK	NH2-DQAGIDKIMIDLDGTENK-COOH	*	
EALELRDGDK	NH2-EALELRDGDK-COOH	*	
EIIDSR	NH2-EIIDSR-COOH	*	
FGANAILAVSLANAK	NH2-FGANAILAVSLANAK-COOH	*	Midlog 1st control
FNQIGSLTETLAAIK	NH2-FNQIGSLTETLAAIK-COOH	*	Midlog 1st control
GIANSILIK	NH2-GIANSILIK-COOH	*	Midlog 1st control
GmNTAVGDEGGYAPNLGSNAEA	NH2-GM<Mox>NTAVGDEGGYAPNLGS	*	
GMNTAVGDEGGYAPNLGSNAEAL	NH2-GMNTAVGDEGGYAPNLGSNAEAL	*	
GMPLYEHIAELNGTPGK	NH2-GMPLYEHIAELNGTPGK-COOH	*	
GNPTVEAEVHLEGGFVGmAAAPS	NH2-GNPTVEAEVHLEGGFVGM<Mox>	*	
GNPTVEAEVHLEGGFVGMAAAPSG	NH2-GNPTVEAEVHLEGGFVGMAAAPS	*	
IEEALGEKAPYNGR	NH2-IEEALGEKAPYNGR-COOH	*	
IEEALGEK	NH2-IEEALGEK-COOH	*	
ILKEGIEK	NH2-ILKEGIEK-COOH	*	
IMIDLDGTENK	NH2-IMIDLDGTENK-COOH	*	
IQLVGDDLFVTNTK	NH2-IQLVGDDLFVTNTK-COOH	*	Midlog 1st control
mGSEVFHHLAK	NH2-M<Mox>GSEVFHHLAK-COOH	*	
MGSEVFHHLAK	NH2-MGSEVFHHLAK-COOH	*	
QYPIVSIEDGLDESDWDGFAYQTK	NH2-QYPIVSIEDGLDESDWDGFAYQTK-	*	
SGETEDATIADLAVGTAAGQIK	NH2-SGETEDATIADLAVGTAAGQIK-CO	*	Midlog 1st control
VLGDKIQLVGDDLFVTNTK	NH2-VLGDKIQLVGDDLFVTNTK-COOH	*	Midlog 1st control
YNQLIR	NH2-YNQLIR-COOH	*	Midlog 1st control
YSMPVPMMNIINGGEHADNNVDI	NH2-YSMPVPMMNIINGGEHADNNVD	*	
YVLAGEGNK	NH2-YVLAGEGNK-COOH	*	
EDLLASGR	NH2-EDLLASGR-COOH	*	
ESYTKEDLLASGR	NH2-ESYTKEDLLASGR-COOH	*	
FTGQVLPTAK	NH2-FTGQVLPTAK-COOH	*	
GPQLPAPNmLmmDR	NH2-GPQLPAPNM<Mox>LM<Mox>M	*	
GPQLPAPNmLmMDR	NH2-GPQLPAPNM<Mox>LM<Mox>M	*	
GPQLPAPNmLMmDR	NH2-GPQLPAPNM<Mox>LMM<Mox>	*	
GPQLPAPNMLmmDR	NH2-GPQLPAPNMLM<Mox>M<Mox>	*	
GPQLPAPNMLMMDR	NH2-GPQLPAPNMLMMDR-COOH	*	
LImGLADGEVLVDGR	NH2-LIM<Mox>GLADGEVLVDGR-CO	*	
LIMGLADGEVLVDGR	NH2-LIMGLADGEVLVDGR-COOH	*	
LIYTASDLK	NH2-LIYTASDLK-COOH	*	
mTETGGNFDK	NH2-M<Mox>TETGGNFDK-COOH	*	
MTETGGNFDK	NH2-MTETGGNFDK-COOH	*	
VGLFQDTSAF	NH2-VGLFQDTSAF-COOH	*	
AVGPYVVTK	NH2-AVGPYVVTK-COOH	*	
AVITGLGIVSSIGNNQQEVLASLR	NH2-AVITGLGIVSSIGNNQQEVLASLR-	*	
DSGmR	NH2-DSGM<Mox>R-COOH	*	
EVFGDKSPAISATK	NH2-EVFGDKSPAISATK-COOH	*	

VGLIAGSGGGSPR	NH2-VGLIAGSGGGSPR-COOH	*	Midlog 1st control
ACEEAAEGQVVSPVNFNSPGQVVIA	NH2-AC<Cmm*>EEAAEGQVVSPVNFN	*	
ITFNAPTVPVVNNVDVK	NH2-ITFNAPTVPVVNNVDVK-COOH	*	Midlog 1st control
IVDTLTASALNEPSAmAAALEL	NH2-IVDTLTASALNEPSAM<Mox>AAA	*	
IVDTLTASALNEPSAMAAALEL	NH2-IVDTLTASALNEPSAMAAALEL-CO	*	
QLYNPVQWTK	NH2-QLYNPVQWTK-COOH	*	Midlog 1st control
SVEYmAAQGVEHLYEVGPGK	NH2-SVEYM<Mox>AAQGVEHLYEVGP	*	Midlog 1st control
SVEYMAAQGVEHLYEVGPGK	NH2-SVEYMAAQGVEHLYEVGPGK-CO	*	
TWQTQPALLTASVALYR	NH2-TWQTQPALLTASVALYR-COOH	*	
ALLAGQSGISLIDHFDTSAYATK	NH2-ALLAGQSGISLIDHFDTSAYATK-C	*	
ASTPLGVGGFGAAR	NH2-ASTPLGVGGFGAAR-COOH	*	Midlog 1st control
VVVTGLGMLSPVGNTVESTWK	NH2-VVVTGLGMLSPVGNTVESTWK-C	*	
AEFGEVDILVNNAGITR	NH2-AEFGEVDILVNNAGITR-COOH	*	
AGILAQVPAGR	NH2-AGILAQVPAGR-COOH	*	
AIAETLAAR	NH2-AIAETLAAR-COOH	*	
GITVNVVAPGFIETDmTR	NH2-GITVNVVAPGFIETDM<Mox>TR-	*	
GITVNVVAPGFIETDMTR	NH2-GITVNVVAPGFIETDMTR-COOH	*	
GLmLNVTDPASIESVLEK	NH2-GLM<Mox>LNVTDPASIESVLEK-C	*	
GLMLNVTDPASIESVLEK	NH2-GLMLNVTDPASIESVLEK-COOH	*	
IALVTGASR	NH2-IALVTGASR-COOH	*	
VAVTELAHIVDETLAANNLDR	NH2-VAVTELAHIVDETLAANNLDR-CO	*	
ASLEANVR	NH2-ASLEANVR-COOH	*	
VNAISAGPIR	NH2-VNAISAGPIR-COOH	*	
IEAVADDLASLVLDAR	NH2-IEAVADDLASLVLDAR-COOH	*	
TADMIPPLLFPR	NH2-TADMIPPLLFPR-COOH	*	
AAVAFLGTAIDAGHTNVLALQSSAA	NH2-AAVAFLGTAIDAGHTNVLALQSSA	*	
GEVVNAACAVDAGSVDQTVQLGQ	NH2-GEVVNAAC<Cmm*>AVDAGSVD	*	
TASLAQEGATSSAVGFNIQLNDCDT	NH2-TASLAQEGATSSAVGFNIQLNDC<	*	
TGAALTLDGATFSSETTLNNGTNTIP	NH2-TGAALTLDGATFSSETTLNNGTNTI	*	
YFATGAATPGAANADATFK	NH2-YFATGAATPGAANADATFK-COO	*	
ILLSPCGNAVSAVK	NH2-ILLSPC<Cmm*>GNAVSAVK-COO	*	
AGSLIAVLILR	NH2-AGSLIAVLILR-COOH	*	
GSAYGGVLSNFSGTVK	NH2-GSAYGGVLSNFSGTVK-COOH	*	
TDKPWPVALYLTPVSSAGGVAIK	NH2-TDKPWPVALYLTPVSSAGGVAIK-C	*	
YSGSSYPFPTTSETPR	NH2-YSGSSYPFPTTSETPR-COOH	*	
DSDTVVVNYK	NH2-DSDTVVVNYK-COOH	*	Midlog 1st control
GTLIDGKEFDNSYTR	NH2-GTLIDGKEFDNSYTR-COOH	*	
LDGVIPGWTEGLK	NH2-LDGVIPGWTEGLK-COOH	*	
LGIKLDKDQLIAGVQDAFADK	NH2-LGIKLDKDQLIAGVQDAFADK-CO	*	
LSDQEIEQTLQAFEAR	NH2-LSDQEIEQTLQAFEAR-COOH	*	
SAYALGASLGR	NH2-SAYALGASLGR-COOH	*	Midlog 1st control
EGVNSTESGLQFR	NH2-EGVNSTESGLQFR-COOH	*	
FQAMAAEGVK	NH2-FQAMAAEGVK-COOH	*	
LIDGTVFDSSVAR	NH2-LIDGTVFDSSVAR-COOH	*	
VINQGEGAIPAR	NH2-VINQGEGAIPAR-COOH	*	
AITGIFFGSDTGNTENIAK	NH2-AITGIFFGSDTGNTENIAK-COOH	*	Midlog 1st control
GATIVGHWPTAGYHFEASK	NH2-GATIVGHWPTAGYHFEASK-COO	*	
QISEELHLDEILNA	NH2-QISEELHLDEILNA-COOH	*	

IIFAGTPDFAAR	NH2-IIFAGTPDFAAR-COOH	*	
QLADGTAKPEVQDETLVTYAEK	NH2-QLADGTAKPEVQDETLVTYAEK-C	*	
AANVGVIIER	NH2-AANVGVIIER-COOH	*	
VAEEVAELLLAR	NH2-VAEEVAELLLAR-COOH	*	
LAGEQATER	NH2-LAGEQATER-COOH	*	
SILLTALAR	NH2-SILLTALAR-COOH	*	
VTSVEAITDTVYR	NH2-VTSVEAITDTVYR-COOH	*	
IIAIDTNPK	NH2-IIAIDTNPK-COOH	*	Midlog 1st control
TNLCVAVR	NH2-TNLC<Cmm*>VAVR-COOH	*	Midlog 1st control
IPVTSEGLAAIK	NH2-IPVTSEGLAAIK-COOH	*	
VDAQGGDGIR	NH2-VDAQGGDGIR-COOH	*	
FImIDPK	NH2-FIM<Mox>IDPK-COOH	*	
QFAQTQQQR	NH2-QFAQTQQQR-COOH	*	
DLGILTVAVVTKPFNFEGK	NH2-DLGILTVAVVTKPFNFEGK-COOH	*	
GISLLDAFGAANDVLK	NH2-GISLLDAFGAANDVLK-COOH	*	
GLGAGANPEVGR	NH2-GLGAGANPEVGR-COOH	*	
HVDSLITIPNDK	NH2-HVDSLITIPNDK-COOH	*	
LDEFETVGNTIR	NH2-LDEFETVGNTIR-COOH	*	
MAFAEQGITELSK	NH2-MAFAEQGITELSK-COOH	*	
NAADEDRDALR	NH2-NAADEDRDALR-COOH	*	
QVQQPVmDR	NH2-QVQQPVM<Mox>DR-COOH	*	
TAVGQTIQIGSGITK	NH2-TAVGQTIQIGSGITK-COOH	*	
VIGVGGGGGNAVEHMVR	NH2-VIGVGGGGGNAVEHMVR-COOH	*	
VVNDNAPQTAK	NH2-VVNDNAPQTAK-COOH	*	
YQQHGMAPLTQEQKPVAK	NH2-YQQHGMAPLTQEQKPVAK-COO	*	
GVLPTCQDTGTAIIVGK	NH2-GVLPTC<Cmm*>QDTGTAIIVGK-	*	
TLGTAACPPYHIAFVIGGTSAETNLK	NH2-TLGTAAC<Cmm*>PPYHIAFVIGG	*	
TPAGYPSGSLGPTTAGR	NH2-TPAGYPSGSLGPTTAGR-COOH	*	
AGIALNDNFVK	NH2-AGIALNDNFVK-COOH	*	Midlog 1st control
DNTPmFVK	NH2-DNTPM<Mox>FVK-COOH	*	Midlog 1st control
FDGTVEVK	NH2-FDGTVEVK-COOH	*	
GANFDKYAGQDIVSNASCTTNCLAP	NH2-GANFDKYAGQDIVSNASC<Cmm*	*	
GASQNIIPSSTGAAK	NH2-GASQNIIPSSTGAAK-COOH	*	Midlog 1st control
KVVMTGPSK	NH2-KVVMTGPSK-COOH	*	
LVSWYDNETGYSNK	NH2-LVSWYDNETGYSNK-COOH	*	Midlog 1st control
VGINGFGR	NH2-VGINGFGR-COOH	*	Midlog 1st control
VINDNFGIIEGLmTTVHATTATQK	NH2-VINDNFGIIEGLM<Mox>TTVHAT	*	Midlog 1st control
VINDNFGIIEGLMTTVHATTATQK	NH2-VINDNFGIIEGLMTTVHATTATQK-	*	
VLDLIAHISK	NH2-VLDLIAHISK-COOH	*	Midlog 1st control
VLPELNGK	NH2-VLPELNGK-COOH	*	Midlog 1st control
VPTPNVSVVDLTVR	NH2-VPTPNVSVVDLTVR-COOH	*	Midlog 1st control
VPTPNVSVVDLTVRLEK	NH2-VPTPNVSVVDLTVRLEK-COOH	*	Midlog 1st control
VTAERDPANLK	NH2-VTAERDPANLK-COOH	*	
WDEVGVDVVAEATGLFLTDETARK	NH2-WDEVGVDVVAEATGLFLTDETAR	*	
YAGQDIVSNASCTTNCLAPLAK	NH2-YAGQDIVSNASC<Cmm*>TTNC<	*	
YDSTHGRFDGTVEVK	NH2-YDSTHGRFDGTVEVK-COOH	*	
ETVLNLLALR	NH2-ETVLNLLALR-COOH	*	
HFSTTPAEK	NH2-HFSTTPAEK-COOH	*	

ILPELKDDKEISSHDSSTNGLINR	NH2-ILPELKDDKEISSHDSSTNGLINR-C	*	
LLSNFFAQTEALAFGK	NH2-LLSNFFAQTEALAFGK-COOH	*	
NINPTQTAAWQALQK	NH2-NINPTQTAAWQALQK-COOH	*	
VFEGNRPTNSILLR	NH2-VFEGNRPTNSILLR-COOH	*	
VNPETTLFLVASK	NH2-VNPETTLFLVASK-COOH	*	
ADVAPSNLAIVGR	NH2-ADVAPSNLAIVGR-COOH	*	
AVIPVAGLGTR	NH2-AVIPVAGLGTR-COOH	*	
EAIFALAQIEQELIAPENR	NH2-EAIFALAQIEQELIAPENR-COOH	*	
IQSGELSAIPHQLIMDK	NH2-IQSGELSAIPHQLIMDK-COOH	*	
TAYWELVR	NH2-TAYWELVR-COOH	*	
TGFNDSLLDIR	NH2-TGFNDSLLDIR-COOH	*	
ALAHFMGVPVAIAPTIASTDAPCSAL	NH2-ALAHFMGVPVAIAPTIASTDAPC<	*	
AmLAAEQHVVTPALER	NH2-AM<Mox>LAAEQHVVTPALER-C	*	
AMLAAEQHVVTPALER	NH2-AMLAAEQHVVTPALER-COOH	*	
CTQAALALAELCYNTLLEEGEK	NH2-C<Cmm*>TQAALALAELC<Cmm*	*	
DAGLVVEIAPFGGECSQNEIDR	NH2-DAGLVVEIAPFGGEC<Cmm*>SQ	*	
DAGLVVEIAPFGGECSQNEIDRLR	NH2-DAGLVVEIAPFGGEC<Cmm*>SQ	*	
FLQEWE	NH2-FLQEWE-COOH	*	
FVLGFAQSTVEK	NH2-FVLGFAQSTVEK-COOH	*	
GIAETAQCGAILGIGGGK	NH2-GIAETAQC<Cmm*>GAILGIGGGK	*	
IIQSPGK	NH2-IIQSPGK-COOH	*	
IVAEAACAEGETIHNMPGGATPDQ	NH2-IVAEAAC<Cmm*>AEGETIHNMP	*	
IVAGAPAR	NH2-IVAGAPAR-COOH	*	
LGEYLKPLAER	NH2-LGEYLKPLAER-COOH	*	
LLAAGIGDALATWFEAR	NH2-LLAAGIGDALATWFEAR-COOH	*	
PLAER	NH2-PLAER-COOH	*	
SFKDAGLVVEIAPFGGECSQNEIDR	NH2-SFKDAGLVVEIAPFGGEC<Cmm*>	*	
SFKDAGLVVEIAPFGGECSQNEIDRL	NH2-SFKDAGLVVEIAPFGGEC<Cmm*>	*	
SGATTMAGGK	NH2-SGATTMAGGK-COOH	*	
WLVVGDK	NH2-WLVVGDK-COOH	*	
WLVVGDKFVLGFAQSTVEK	NH2-WLVVGDKFVLGFAQSTVEK-COO	*	
YIQGADVINR	NH2-YIQGADVINR-COOH	*	
YLLLPNNPNmVIVDTK	NH2-YLLLPNNPNM<Mox>VIVDTK-CO	*	
YLLLPNNPNMVIVDTK	NH2-YLLLPNNPNMVIVDTK-COOH	*	
EDKVIFGGR	NH2-EDKVIFGGR-COOH	*	
IIYTGPIDQYFDYR	NH2-IIYTGPIDQYFDYR-COOH	*	Midlog 1st control
LGIDFLKDKDSLASK	NH2-LGIDFLKDKDSLASK-COOH	*	
ALSLFCVIMGR	NH2-ALSLFC<Cmm*>VIMGR-COOH	*	
LALCDIASGEISQAK	NH2-LALC<Cmm*>DIASGEISQAK-CO	*	
DVAEILLEGLR	NH2-DVAEILLEGLR-COOH	*	
DVAEILLEGLRR	NH2-DVAEILLEGLRR-COOH	*	
EIYEQPNAIK	NH2-EIYEQPNAIK-COOH	*	
ELGYLGSLAICNVPGSSLVR	NH2-ELGYLGSLAIC<Cmm*>NVPGSSL	*	
FIFLEEGDIAEITR	NH2-FIFLEEGDIAEITR-COOH	*	
FIFLEEGDIAEITRR	NH2-FIFLEEGDIAEITRR-COOH	*	
GAYGTVIMDSR	NH2-GAYGTVIMDSR-COOH	*	
GDQYPIALEGALK	NH2-GDQYPIALEGALK-COOH	*	
GLDASIEHDIVHGLQALPSR	NH2-GLDASIEHDIVHGLQALPSR-COOH	*	

GTDVDQPR	NH2-GTDVDQPR-COOH	*	
GYDSAGLAVVDAEGHMTR	NH2-GYDSAGLAVVDAEGHMTR-COOH	*	
HGPLALIDADmPVIVVAPNNELLE	NH2-HGPLALIDADM<Mox>PVIVVAPN	*	
HGPLALIDADMPVIVVAPNNELLEK	NH2-HGPLALIDADMPVIVVAPNNELLE	*	
HPDTLLAAR	NH2-HPDTLLAAR-COOH	*	
IEQmLSQDKR	NH2-IEQM<Mox>LSQDKR-COOH	*	
IEQMLSQDKR	NH2-IEQMLSQDKR-COOH	*	
ISHGQVDLSELGPNADELLSK	NH2-ISHGQVDLSELGPNADELLSK-COO	*	
LKSNIEEVR	NH2-LKSNIEEVR-COOH	*	
NSLMITLSQSGETADTLAGLR	NH2-NSLMITLSQSGETADTLAGLR-CO	*	
RQDIESNLQYDAGDKGIYR	NH2-RQDIESNLQYDAGDKGIYR-COOH	*	
SNIEEVR	NH2-SNIEEVR-COOH	*	
SVNIFDKTGAEVK	NH2-SVNIFDKTGAEVK-COOH	*	
VEHIQILACGTSYNSGMVSR	NH2-VEHIQILAC<Cmm*>GTSYNSGM	*	
VQMLAQAAEEHPLHGGTGIAHTR	NH2-VQMLAQAAEEHPLHGGTGIAHTR-	*	
AGGVFTDEAIDAYIALR	NH2-AGGVFTDEAIDAYIALR-COOH	*	
AINALANPTTNSYK	NH2-AINALANPTTNSYK-COOH	*	
CDILEPGTLQGYDRDPR	NH2-C<Cmm*>DILEPGTLQGYDRDPR-	*	
FGSSISGSHVAIDDIEGAWNSSTQYE	NH2-FGSSISGSHVAIDDIEGAWNSSTQY	*	
GGYFPVPPVDSAQDIR	NH2-GGYFPVPPVDSAQDIR-COOH	*	
GKEQHVTIPAHQVNAEFFEEGK	NH2-GKEQHVTIPAHQVNAEFFEEGK-C	*	
KADEIQIYK	NH2-KADEIQIYK-COOH	*	
LVPGYEAPVmLAYSAR	NH2-LVPGYEAPVM<Mox>LAYSAR-CO	*	
LVPGYEAPVMLAYSAR	NH2-LVPGYEAPVMLAYSAR-COOH	*	
MFDGSSIGGWK	NH2-MFDGSSIGGWK-COOH	*	
RAEDYLR	NH2-RAEDYLR-COOH	*	
SAEHVLTmLNEHEVK	NH2-SAEHVLTM<Mox>LNEHEVK-CO	*	
SAEHVLTMLNEHEVK	NH2-SAEHVLTMLNEHEVK-COOH	*	
ADAVLHDTPNILYFIK	NH2-ADAVLHDTPNILYFIK-COOH	*	
LVVATDTAFVPFEFK	NH2-LVVATDTAFVPFEFK-COOH	*	
QFPNIDNAYMELGTNR	NH2-QFPNIDNAYMELGTNR-COOH	*	
ADISSDQIAAIGITNQR	NH2-ADISSDQIAAIGITNQR-COOH	*	
ATLESIAYQTR	NH2-ATLESIAYQTR-COOH	*	
GAIFGLTR	NH2-GAIFGLTR-COOH	*	
GVNANHIIR	NH2-GVNANHIIR-COOH	*	
SSEVYGQTNIGGK	NH2-SSEVYGQTNIGGK-COOH	*	
FAYVDILQNPDIR	NH2-FAYVDILQNPDIR-COOH	*	
GELQQLIK	NH2-GELQQLIK-COOH	*	
QIAENPILLYmK	NH2-QIAENPILLYM<Mox>K-COOH	*	
QIAENPILLYMK	NH2-QIAENPILLYMK-COOH	*	
YKSEEPDAE	NH2-YKSEEPDAE-COOH	*	
AmVEVFLER	NH2-AM<Mox>VEVFLER-COOH	*	Midlog 1st control
AMVEVFLER	NH2-AMVEVFLER-COOH	*	
EADAALGR	NH2-EADAALGR-COOH	*	
EAmEPEFK	NH2-EAM<Mox>EPEFK-COOH	*	
EAMEPEFK	NH2-EAMEPEFK-COOH	*	
ELAGWMCDVLDSINDEAVIER	NH2-ELAGWMC<Cmm*>DVLDSINDE	*	
EMNIADYDAELWQAMEQEK	NH2-EMNIADYDAELWQAMEQEK-CO	*	

GGLILAK	NH2-GGLILAK-COOH	*	
GGSEELYKK	NH2-GGSEELYKK-COOH	*	
KLNSAVFPGGQGGPLmHVIAGK	NH2-KLNSAVFPGGQGGPLM<Mox>HV	*	
KLNSAVFPGGQGGPLMHVIAGK	NH2-KLNSAVFPGGQGGPLMHVIAGK-C	*	
LNSAVFPGGQGGPLmHVIAGK	NH2-LNSAVFPGGQGGPLM<Mox>HVI	*	
LNSAVFPGGQGGPLMHVIAGK	NH2-LNSAVFPGGQGGPLMHVIAGK-C	*	
LYNIVPYGIDATGHIDYADLEK	NH2-LYNIVPYGIDATGHIDYADLEK-CO	*	
mIIGGFSAYSGVVDWAK	NH2-M<Mox>IIGGFSAYSGVVDWAK-C	*	
MIIGGFSAYSGVVDWAK	NH2-MIIGGFSAYSGVVDWAK-COOH	*	
NSVPNDPK	NH2-NSVPNDPK-COOH	*	
SPFVTSGIR	NH2-SPFVTSGIR-COOH	*	Midlog 1st control
TYQQQVAK	NH2-TYQQQVAK-COOH	*	
VGTPAITR	NH2-VGTPAITR-COOH	*	Midlog 1st control
VmQAQGSQLTNK	NH2-VM<Mox>QAQGSQLTNK-COOH	*	
VMQAQGSQLTNK	NH2-VMQAQGSQLTNK-COOH	*	
VRQEEHIELIASENYTSPR	NH2-VRQEEHIELIASENYTSPR-COOH	*	
VVSGGTDNHLFLVDLVDK	NH2-VVSGGTDNHLFLVDLVDK-COOH	*	
VVSGGTDNHLFLVDLVDKNLTGK	NH2-VVSGGTDNHLFLVDLVDKNLTGK-	*	
YAEGYPGKR	NH2-YAEGYPGKR-COOH	*	
YPVYA	NH2-YPVYA-COOH	*	
AAVLLADSFK	NH2-AAVLLADSFK-COOH	*	
mAGTADIEIR	NH2-M<Mox>AGTADIEIR-COOH	*	Midlog 1st control
LASVLTPR	NH2-LASVLTPR-COOH	*	Midlog 1st control
ELPLTESLALTIDR	NH2-ELPLTESLALTIDR-COOH	*	
VIPYWNETILPR	NH2-VIPYWNETILPR-COOH	*	
YYLGNADEIAAK	NH2-YYLGNADEIAAK-COOH	*	
GEQQAmQVATR	NH2-GEQQAM<Mox>QVATR-COOH	*	
VNAALESCR	NH2-VNAALESC<Cmm*>R-COOH	*	
AFFANPVLTGAVDK	NH2-AFFANPVLTGAVDK-COOH	*	
AFVNADFDGFAR	NH2-AFVNADFDGFAR-COOH	*	
AVEALDHCVEEVAK	NH2-AVEALDHC<Cmm*>VEEVAK-CO	*	
DENDEFVK	NH2-DENDEFVK-COOH	*	
IVYQDLTR	NH2-IVYQDLTR-COOH	*	
LDVEIKDR	NH2-LDVEIKDR-COOH	*	
VATYDLQPEMSSAELTEK	NH2-VATYDLQPEMSSAELTEK-COOH	*	
AGYAEDEVVAVSK	NH2-AGYAEDEVVAVSK-COOH	*	
EVPVEVKPEVR	NH2-EVPVEVKPEVR-COOH	*	
FNSLTPEQQR	NH2-FNSLTPEQQR-COOH	*	
LGDIEYR	NH2-LGDIEYR-COOH	*	
mITGIQITK	NH2-M<Mox>ITGIQITK-COOH	*	
MITGIQITK	NH2-MITGIQITK-COOH	*	
TFTESL	NH2-TFTESL-COOH	*	
VEGGQHLNVNVLR	NH2-VEGGQHLNVNVLR-COOH	*	
GLIGKEEDDVVVIK	NH2-GLIGKEEDDVVVIK-COOH	*	
LSNAQVIDVTK	NH2-LSNAQVIDVTK-COOH	*	
mQAIPmTLR	NH2-M<Mox>QAIPM<Mox>TLR-COO	*	
RPEIIAAIAEAR	NH2-RPEIIAAIAEAR-COOH	*	
TPGGEVEFEVIKVEYL	NH2-TPGGEVEFEVIKVEYL-COOH	*	

ANPDmSAmVEGIELTLK	NH2-ANPDM<Mox>SAM<Mox>VEGIE	*
FINELLPVIDSLDR	NH2-FINELLPVIDSLDR-COOH	*
SMLDVVR	NH2-SMLDVVR-COOH	*
VANLEAQLAEAQTR	NH2-VANLEAQLAEAQTR-COOH	*
AFTGVGGTPLFIEK	NH2-AFTGVGGTPLFIEK-COOH	*
ELIPGGVNSPVR	NH2-ELIPGGVNSPVR-COOH	*
GLSFGAPTEmEVK	NH2-GLSFGAPTEM<Mox>EVK-COOH	*
GLSFGAPTEMEVK	NH2-GLSFGAPTEMEVK-COOH	*
IIGGGMPVGAFGGR	NH2-IIGGGMPVGAFGGR-COOH	*
MAQLVTELVPTMDMVR	NH2-MAQLVTELVPTMDMVR-COOH	*
NAVIEAAER	NH2-NAVIEAAER-COOH	*
VALAGAQDYYGVVPDLTCLGK	NH2-VALAGAQDYYGVVPDLTC<Cmm*	*
YTLTCTYNDLASVR	NH2-YTLTC<Cmm*>TYNDLASVR-COO	*
GGIEYIEVR	NH2-GGIEYIEVR-COOH	*
ELGGTCVNVGCVPK	NH2-ELGGTC<Cmm*>VNVGC<Cmm*	*
AGDDAARPEWLEPEFGVR	NH2-AGDDAARPEWLEPEFGVR-COOH	*
AmGCNTTGVR	NH2-AM<Mox>GC<Cmm*>NTTGVR-	*
AMGCNTTGVR	NH2-AMGC<Cmm*>NTTGVR-COOH	*
ARAEVEVDAK	NH2-ARAEVEVDAK-COOH	*
EITPVNIEEELK	NH2-EITPVNIEEELK-COOH	*
ETIIVHEIPYQVNK	NH2-ETIIVHEIPYQVNK-COOH	*
GIEEAYR	NH2-GIEEAYR-COOH	*
GRPIVNLLPLEQDER	NH2-GRPIVNLLPLEQDER-COOH	*
IKEEDFIDR	NH2-IKEEDFIDR-COOH	*
ITAILPVTEFEEGVK	NH2-ITAILPVTEFEEGVK-COOH	*
IVIEVKR	NH2-IVIEVKR-COOH	*
LGEGDKVVSLIVPR	NH2-LGEGDKVVSLIVPR-COOH	*
LLVANTHDHILCFSSR	NH2-LLVANTHDHILC<Cmm*>FSSR-C	*
MAQPFSLR	NH2-MAQPFSLR-COOH	*
NTQGVILIR	NH2-NTQGVILIR-COOH	*
RGIEEAYR	NH2-RGIEEAYR-COOH	*
TAEDENVVGLQR	NH2-TAEDENVVGLQR-COOH	*
TALVANPWQLGNVAAMLER	NH2-TALVANPWQLGNVAAMLER-CO	*
TAVAEYPTK	NH2-TAVAEYPTK-COOH	*
TVLTEFNR	NH2-TVLTEFNR-COOH	*
VLYAMNVLGNDWNK	NH2-VLYAMNVLGNDWNK-COOH	*
VSEISIVGR	NH2-VSEISIVGR-COOH	*
VVGDVIGK	NH2-VVGDVIGK-COOH	*
VYQLPEATR	NH2-VYQLPEATR-COOH	*
YHPHGDSAVYDTIVR	NH2-YHPHGDSAVYDTIVR-COOH	*
YQPLSEYEAQR	NH2-YQPLSEYEAQR-COOH	*
GIPTGIHPEEGVSAAEVIMTVLHAG	NH2-GIPTGIHPEEGVSAAEVIMTVLHAG	*
QIYEHGVPQAPLAVTGETEK	NH2-QIYEHGVPQAPLAVTGETEK-COO	*
ILVIAADER	NH2-ILVIAADER-COOH	*
KLLTGDSPFAANALGK	NH2-KLLTGDSPFAANALGK-COOH	*
AKGQSLQDPFLNALR	NH2-AKGQSLQDPFLNALR-COOH	*
AKGQSLQDPFLNALRR	NH2-AKGQSLQDPFLNALRR-COOH	*
ERVPVSIYLVNGIK	NH2-ERVPVSIYLVNGIK-COOH	*

GQSLQDPFLNALR	NH2-GQSLQDPFLNALR-COOH	*	
LQGQIESFDQFVILLK	NH2-LQGQIESFDQFVILLK-COOH	*	
NTVSQMVYK	NH2-NTVSQMVYK-COOH	*	
VPVSIYLVNGIK	NH2-VPVSIYLVNGIK-COOH	*	
AGLADAICDLVSTGATLEANGLR	NH2-AGLADAIC<Cmm*>DLVSTGATLE	*	
ALGASSILVLPIEK	NH2-ALGASSILVLPIEK-COOH	*	
IQGVIQAR	NH2-IQGVIQAR-COOH	*	
LDEVIALLPGAERPTILPLAGDQQR	NH2-LDEVIALLPGAERPTILPLAGDQQR-	*	
LIAMAENMPIDILR	NH2-LIAMAENMPIDILR-COOH	*	
LSLATPVDEAWDGPLSLNGK	NH2-LSLATPVDEAWDGPLSLNGK-COO	*	
SCLLNGSVEVAPR	NH2-SC<Cmm*>LLNGSVEVAPR-COO	*	
GADEGIELLIR	NH2-GADEGIELLIR-COOH	*	
STVTITDLAR	NH2-STVTITDLAR-COOH	*	Midlog 1st control
VIDALRAEQV	NH2-VIDALRAEQV-COOH	*	
<QILPEANSQIVGFR	#Gln->pyro-Glu (N-term Q)#-QILPEA	*	
AAGYDKPFK	NH2-AAGYDKPFK-COOH	*	
AESFQAVADATLAYHK	NH2-AESFQAVADATLAYHK-COOH	*	
AESFQAVADATLAYHKK	NH2-AESFQAVADATLAYHKK-COOH	*	
ALNDKGITDILVVDNLK	NH2-ALNDKGITDILVVDNLK-COOH	*	
ALNDKGITDILVVDNLKDGTK	NH2-ALNDKGITDILVVDNLKDGTK-CO	*	
EIPFLYASSAATYGGR	NH2-EIPFLYASSAATYGGR-COOH	*	
ELLHYCLER	NH2-ELLHYC<Cmm*>LER-COOH	*	
EYEKPLNVYGYSK	NH2-EYEKPLNVYGYSK-COOH	*	
FLFDEYVR	NH2-FLFDEYVR-COOH	*	
GITDILVVDNLK	NH2-GITDILVVDNLK-COOH	*	
GITDILVVDNLKDGTK	NH2-GITDILVVDNLKDGTK-COOH	*	
GQIEYIPFPDK	NH2-GQIEYIPFPDK-COOH	*	
GQIEYIPFPDKLK	NH2-GQIEYIPFPDKLK-COOH	*	
GRYQAFTQADLTNLR	NH2-GRYQAFTQADLTNLR-COOH	*	
GSmASVAFHLNTQLNNGESPK	NH2-GSM<Mox>ASVAFHLNTQLNNGE	*	
GSMASVAFHLNTQLNNGESPK	NH2-GSMASVAFHLNTQLNNGESPK-C	*	
KGQIEYIPFPDK	NH2-KGQIEYIPFPDK-COOH	*	
KGQIEYIPFPDKLK	NH2-KGQIEYIPFPDKLK-COOH	*	
LFEGSENFK	NH2-LFEGSENFK-COOH	*	
LFEGSENFKR	NH2-LFEGSENFKR-COOH	*	
mIIVTGGAGFIGSNIVK	NH2-M<Mox>IIVTGGAGFIGSNIVK-CO	*	
MIIVTGGAGFIGSNIVK	NH2-MIIVTGGAGFIGSNIVK-COOH	*	
QILPEANSQIVGFR	NH2-QILPEANSQIVGFR-COOH	*	
TSDFIESR	NH2-TSDFIESR-COOH	*	
TVAEGVTEYmAWLNR	NH2-TVAEGVTEYM<Mox>AWLNR-CO	*	
TVAEGVTEYmAWLNRDA	NH2-TVAEGVTEYM<Mox>AWLNRDA-	*	
TVAEGVTEYMAWLNR	NH2-TVAEGVTEYMAWLNR-COOH	*	
TVAEGVTEYMAWLNRDA	NH2-TVAEGVTEYMAWLNRDA-COOH	*	
YFNVYGPR	NH2-YFNVYGPR-COOH	*	
YmmDNNYQYSK	NH2-YM<Mox>M<Mox>DNNYQYSK-	*	
YMmDNNYQYSK	NH2-YMM<Mox>DNNYQYSK-COOH	*	
YQAFTQADLTNLR	NH2-YQAFTQADLTNLR-COOH	*	Midlog 1st control
CDFVSVPTHPTITK	NH2-C<Cmm*>DFVSVPTHPTITK-COO	*	

CKTEEEIVER	NH2-C<Cmm*>KTEEEIVER-COOH	*
GALASVQQmIQLAR	NH2-GALASVQQM<Mox>IQLAR-COO	*
GALASVQQMIQLAR	NH2-GALASVQQMIQLAR-COOH	*
GATLLTPNLSEFEAVVGK	NH2-GATLLTPNLSEFEAVVGK-COOH	*
GDSRPVNPLEQR	NH2-GDSRPVNPLEQR-COOH	*
GGDYKPEEIAGSK	NH2-GGDYKPEEIAGSK-COOH	*
INQALSSIGALVLSDYAK	NH2-INQALSSIGALVLSDYAK-COOH	*
ISPEAPVPVVK	NH2-ISPEAPVPVVK-COOH	*
LDFEEGFEGVDPQPLHER	NH2-LDFEEGFEGVDPQPLHER-COOH	*
LGTSTVSPIELENAVR	NH2-LGTSTVSPIELENAVR-COOH	*
LIAGILPDLLVK	NH2-LIAGILPDLLVK-COOH	*
LIVAVNSDASTK	NH2-LIVAVNSDASTK-COOH	*
LIVAVNSDASTKR	NH2-LIVAVNSDASTKR-COOH	*
LKGDSRPVNPLEQR	NH2-LKGDSRPVNPLEQR-COOH	*
LVGLTGIDDAAR	NH2-LVGLTGIDDAAR-COOH	*
NQQLIR	NH2-NQQLIR-COOH	*
SEQGMSLLQPGK	NH2-SEQGMSLLQPGK-COOH	*
SLADVNVK	NH2-SLADVNVK-COOH	*
VNTIEERPGGAANVAMNIASLGAN	NH2-VNTIEERPGGAANVAMNIASLGA	*
XDEFQK	NH2-XDEFQK-COOH	*
REEESAAAAEVEER	NH2-REEESAAAAEVEER-COOH	*
DLDEDIRGK	NH2-DLDEDIRGK-COOH	*
DVLIVEDIIDSGNTLSK	NH2-DVLIVEDIIDSGNTLSK-COOH	*
GKDVLIVEDIIDSGNTLSK	NH2-GKDVLIVEDIIDSGNTLSK-COOH	*
GSFMFMADLCR	NH2-GSFMFMADLC<Cmm*>R-COOH	*
HLPYIGK	NH2-HLPYIGK-COOH	*
IAELGR	NH2-IAELGR-COOH	*
ILKDLDEDIR	NH2-ILKDLDEDIR-COOH	*
DSmSYAEQDVK	NH2-DSM<Mox>SYAEQDVK-COOH	*
DSMSYAEQDVK	NH2-DSMSYAEQDVK-COOH	*
ELLDAAIAAK	NH2-ELLDAAIAAK-COOH	*
ELVQDCR	NH2-ELVQDC<Cmm*>R-COOH	*
EQAGIPDR	NH2-EQAGIPDR-COOH	*
EQFNELIAPLVK	NH2-EQFNELIAPLVK-COOH	*
GIPALPAGGAHIR	NH2-GIPALPAGGAHIR-COOH	*
LAGLHVLR	NH2-LAGLHVLR-COOH	*
mLAEQKVEAAR	NH2-M<Mox>LAEQKVEAAR-COOH	*
NTTIPVAR	NH2-NTTIPVAR-COOH	*
NVDKQTQDFAAR	NH2-NVDKQTQDFAAR-COOH	*
QTQDFAAR	NH2-QTQDFAAR-COOH	*
QVIDDAAAHLSEVAQGDDVDAIEQ	NH2-QVIDDAAAHLSEVAQGDDVDAIE	*
SLADIQQR	NH2-SLADIQQR-COOH	*
VEAAR	NH2-VEAAR-COOH	*
VLESLHGALAADAALLSAAER	NH2-VLESLHGALAADAALLSAAER-CO	*
LYHEEEVTVYDPQDVEFK	NH2-LYHEEEVTVYDPQDVEFK-COOH	*
NNASPADPQVH	NH2-NNASPADPQVH-COOH	*
TEELLTLPANEVLWR	NH2-TEELLTLPANEVLWR-COOH	*
VQGEIPENADLK	NH2-VQGEIPENADLK-COOH	*

YLFENFAVR	NH2-YLFENFAVR-COOH	*	
ALLENTELSAR	NH2-ALLENTELSAR-COOH	*	Midlog 1st control
LEmHQGHLVK	NH2-LEM<Mox>HQGHLVK-COOH	*	
ALTPFIDR	NH2-ALTPFIDR-COOH	*	
EILQDSTVTR	NH2-EILQDSTVTR-COOH	*	
ELISNASDAADKLR	NH2-ELISNASDAADKLR-COOH	*	
GTLEDPNLFIR	NH2-GTLEDPNLFIR-COOH	*	
IYYITADSYAAAK	NH2-IYYITADSYAAAK-COOH	*	
SFLESLGSDQAK	NH2-SFLESLGSDQAK-COOH	*	
DEEVPALFTNK	NH2-DEEVPALFTNK-COOH	*	
DHLIIADAIVSK	NH2-DHLIIADAIVSK-COOH	*	
ESGVEAIPR	NH2-ESGVEAIPR-COOH	*	
ISPHQLGLADVLSALR	NH2-ISPHQLGLADVLSALR-COOH	*	
IVEALEQR	NH2-IVEALEQR-COOH	*	
AAQVPVVVAVNK	NH2-AAQVPVVVAVNK-COOH	*	
ADVQGSVEAISDSLLK	NH2-ADVQGSVEAISDSLLK-COOH	*	
APVVTIMGHVDHGK	NH2-APVVTIMGHVDHGK-COOH	*	
FKDDVNEVR	NH2-FKDDVNEVR-COOH	*	
GPVATVLVR	NH2-GPVATVLVR-COOH	*	
KVIEAESLDLR	NH2-KVIEAESLDLR-COOH	*	
NGMECGIGVK	NH2-NGMEC<Cmm*>GIGVK-COOH	*	
QQIIGLAEVR	NH2-QQIIGLAEVR-COOH	*	
TSLLDYIR	NH2-TSLLDYIR-COOH	*	
YYSVIYNLIDEVK	NH2-YYSVIYNLIDEVK-COOH	*	
ALENGEQVK	NH2-ALENGEQVK-COOH	*	
LSGFGNFDLR	NH2-LSGFGNFDLR-COOH	*	
TGEDIPITAR	NH2-TGEDIPITAR-COOH	*	
VVTFRPGQK	NH2-VVTFRPGQK-COOH	*	
ANIYG	NH2-ANIYG-COOH	*	
GFGSFSLHYR	NH2-GFGSFSLHYR-COOH	*	
LATQQSHIPAK	NH2-LATQQSHIPAK-COOH	*	
TGDKVELEGK	NH2-TGDKVELEGK-COOH	*	
AEIVASFER	NH2-AEIVASFER-COOH	*	Midlog 1st control
EYDHIKDVNDLPELLK	NH2-EYDHIKDVNDLPELLK-COOH	*	
LVAVPHSK	NH2-LVAVPHSK-COOH	*	
MTDEAGEDAK	NH2-MTDEAGEDAK-COOH	*	
SLLNVPAGK	NH2-SLLNVPAGK-COOH	*	Midlog 1st control
VEGWENAEAAK	NH2-VEGWENAEAAK-COOH	*	Midlog 1st control
SLQFLDGTQLDFVK	NH2-SLQFLDGTQLDFVK-COOH	*	
VNTFLANR	NH2-VNTFLANR-COOH	*	
ALGLNDELAHSSIR	NH2-ALGLNDELAHSSIR-COOH	*	
IAKEEmATEmER	NH2-IAKEEM<Mox>ATEM<Mox>ER-C	*	
IEAQMHGGGHER	NH2-IEAQMHGGGHER-COOH	*	
NQIADLVGADPR	NH2-NQIADLVGADPR-COOH	*	
QGVDLNSIEWAHH	NH2-QGVDLNSIEWAHH-COOH	*	
ADSVLAGLK	NH2-ADSVLAGLK-COOH	*	
ALNEGATITDEASALEYCGFHPQLVE	NH2-ALNEGATITDEASALEYC<Cmm*>	*	
ATTHLDVCAVVPAAGFGR	NH2-ATTHLDVC<Cmm*>AVVPAAGFG	*	

ELLHDCLTR	NH2-ELLHDC<Cmm*>LTR-COOH	*	
FAQLPLANHPQITVVDGGDER	NH2-FAQLPLANHPQITVVDGGDER-CO	*	
LLALSETSR	NH2-LLALSETSR-COOH	*	Midlog 1st control
TGGILAAPVR	NH2-TGGILAAPVR-COOH	*	Midlog 1st control
VTRPEDLALAEFYLTR	NH2-VTRPEDLALAEFYLTR-COOH	*	
VVIAISPGDSR	NH2-VVIAISPGDSR-COOH	*	Midlog 1st control
AAPWLVKPNR	NH2-AAPWLVKPNR-COOH	*	
DLGIDVTVGGFLGK	NH2-DLGIDVTVGGFLGK-COOH	*	
DNQDGFQQLFSELGIANR	NH2-DNQDGFQQLFSELGIANR-COOH	*	
DVIEAAHALR	NH2-DVIEAAHALR-COOH	*	
EALVAGLK	NH2-EALVAGLK-COOH	*	
ELEIWAGR	NH2-ELEIWAGR-COOH	*	
FQVVQGR	NH2-FQVVQGR-COOH	*	
LATAVAALAVSQSNVGITDRPQLAA	NH2-LATAVAALAVSQSNVGITDRPQLA	*	
LATAVAALAVSQSNVGITDRPQLAA	NH2-LATAVAALAVSQSNVGITDRPQLA	*	
LATAVAALAVSQSNVGITDRPQLAA	NH2-LATAVAALAVSQSNVGITDRPQLA	*	
SQCPCIIFDSSR	NH2-SQC<Cmm*>PC<Cmm*>IIFDSSR	*	
VATITLNPAYDLVGFCPEIER	NH2-VATITLNPAYDLVGFC<Cmm*>PEI	*	
VDLQPFN	NH2-VDLQPFN-COOH	*	
VLKDLGIDVTVGGFLGK	NH2-VLKDLGIDVTVGGFLGK-COOH	*	
ATVLGHIQR	NH2-ATVLGHIQR-COOH	*	
GGTFLGSAR	NH2-GGTFLGSAR-COOH	*	
IGVLTSGGDAPGmNAAIR	NH2-IGVLTSGGDAPGM<Mox>NAAIR-	*	Midlog 1st control
IGVLTSGGDAPGMNAAIR	NH2-IGVLTSGGDAPGMNAAIR-COOH	*	
ISVVEVMGR	NH2-ISVVEVMGR-COOH	*	Midlog 1st control
mGAYAIDLLLAGYGGR	NH2-M<Mox>GAYAIDLLLAGYGGR-CO	*	
MGAYAIDLLLAGYGGR	NH2-MGAYAIDLLLAGYGGR-COOH	*	
YSVSDMINR	NH2-YSVSDMINR-COOH	*	Midlog 1st control
LVTDELVIALVK	NH2-LVTDELVIALVK-COOH	*	
NGFLLDGFPR	NH2-NGFLLDGFPR-COOH	*	
SFVVIIPAR	NH2-SFVVIIPAR-COOH	*	
AQGTLYIVSAPSGAGK	NH2-AQGTLYIVSAPSGAGK-COOH	*	
GQDSEEVIAK	NH2-GQDSEEVIAK-COOH	*	
GRGQDSEEVIAK	NH2-GRGQDSEEVIAK-COOH	*	
GRGQDSEEVIAKR	NH2-GRGQDSEEVIAKR-COOH	*	
SSLIQALLK	NH2-SSLIQALLK-COOH	*	
LYTSLGDAAVGR	NH2-LYTSLGDAAVGR-COOH	*	
NSVIDEVVVCDTIPLSDEIK	NH2-NSVIDEVVVC<Cmm*>DTIPLSDEI	*	
TLTLSGMLAEAIR	NH2-TLTLSGMLAEAIR-COOH	*	
AEAGDVANAILDGTDAVmLSGESA	NH2-AEAGDVANAILDGTDAVM<Mox>	*	
AEAGDVANAILDGTDAVMLSGESA	NH2-AEAGDVANAILDGTDAVMLSGES	*	
AGQTFTFTTDK	NH2-AGQTFTFTTDK-COOH	*	
AHGGENIHIISK	NH2-AHGGENIHIISK-COOH	*	
EITSTDDFYR	NH2-EITSTDDFYR-COOH	*	
GAVETAEKLDAPLIVVATQGGK	NH2-GAVETAEKLDAPLIVVATQGGK-C	*	
GDLGVEIPVEEVIFAQK	NH2-GDLGVEIPVEEVIFAQK-COOH	*	Midlog 1st control
GVNLPGVSIALPALAEK	NH2-GVNLPGVSIALPALAEK-COOH	*	
GVVPQLVK	NH2-GVVPQLVK-COOH	*	

ITEAVCR	NH2-ITEAVC<Cmm*>R-COOH	*	
KYFPDATILALTTNEK	NH2-KYFPDATILALTTNEK-COOH	*	
LNFSHGDYAEHGQR	NH2-LNFSHGDYAEHGQR-COOH	*	
TAAILLDTK	NH2-TAAILLDTK-COOH	*	
TAAILLDTKGPEIR	NH2-TAAILLDTKGPEIR-COOH	*	
TESEEmLAK	NH2-TESEEM<Mox>LAK-COOH	*	
VLNNGDLGENK	NH2-VLNNGDLGENK-COOH	*	
GLPADVVPGDILLLDDGR	NH2-GLPADVVPGDILLLDDGR-COOH	*	
mRADK	NH2-M<Mox>RADK-COOH	*	
TLNLTALYR	NH2-TLNLTALYR-COOH	*	
VIAAGANVVR	NH2-VIAAGANVVR-COOH	*	
DLIPR	NH2-DLIPR-COOH	*	
NVLAK	NH2-NVLAK-COOH	*	
ALDILTATPPDVFNHNLENVPR	NH2-ALDILTATPPDVFNHNLENVPR-CO	*	
DGGAQHFADCITAIR	NH2-DGGAQHFADC<Cmm*>ITAIR-CC	*	
IETLVPDFR	NH2-IETLVPDFR-COOH	*	
PVAPDANEPVK	NH2-PVAPDANEPVK-COOH	*	
MAQILDTTPQPAQNIAPSAVIDATAI	NH2-MAQILDTTPQPAQNIAPSAVIDATA	*	
NPYLTYAR	NH2-NPYLTYAR-COOH	*	
VIIGDRVEIGACTTIDR	NH2-VIIGDRVEIGAC<Cmm*>TTIDR-C	*	
INSNEELALPK	NH2-INSNEELALPK-COOH	*	
PLLDSFTVDHTR	NH2-PLLDSFTVDHTR-COOH	*	
<QTVDEALKDAQTR	#Gln->pyro-Glu (N-term Q)#-QTVDEA	*	Midlog 1st control
AGLTFLVDLIK	NH2-AGLTFLVDLIK-COOH	*	Midlog 1st control
EFLENYLLTDEGLEAVNK	NH2-EFLENYLLTDEGLEAVNK-COOH	*	Midlog 1st control
FGGYAQSGLLAEITPDKAFQDK	NH2-FGGYAQSGLLAEITPDKAFQDK-CC	*	Midlog 1st control
FGGYAQSGLLAEITPDK	NH2-FGGYAQSGLLAEITPDK-COOH	*	Midlog 1st control
FPQVAATGDGPDIIFWAHDR	NH2-FPQVAATGDGPDIIFWAHDR-COC	*	
GEIMPNIPQMSAFWYAVR	NH2-GEIMPNIPQMSAFWYAVR-COOH	*	
GQPSKPFVGVLSAGINAASPNK	NH2-GQPSKPFVGVLSAGINAASPNK-C	*	Midlog 1st control
GYNGLAEVGK	NH2-GYNGLAEVGK-COOH	*	Midlog 1st control
LIAYPIAVEALSLIYNK	NH2-LIAYPIAVEALSLIYNK-COOH	*	
LYPFTWDAVR	NH2-LYPFTWDAVR-COOH	*	Midlog 1st control
QTVDEALKDAQTR	NH2-QTVDEALKDAQTR-COOH	*	Midlog 1st control
SYEEELAKDPR	NH2-SYEEELAKDPR-COOH	*	
TAVINAASGR	NH2-TAVINAASGR-COOH	*	Midlog 1st control
TWEEIPALDK	NH2-TWEEIPALDK-COOH	*	Midlog 1st control
TWEEIPALDKELK	NH2-TWEEIPALDKELK-COOH	*	Midlog 1st control
VNYGVTVLPTFK	NH2-VNYGVTVLPTFK-COOH	*	Midlog 1st control
IEISR	NH2-IEISR-COOH	*	
ENAAGIPmDAAER	NH2-ENAAGIPM<Mox>DAAER-COOH	*	
YIDIPELVANVK	NH2-YIDIPELVANVK-COOH	*	
ANQFLGMEPLPTFIANDVIK	NH2-ANQFLGMEPLPTFIANDVIK-COO	*	
ACIGIITNPVNTTVAIAAEVLKK	NH2-AC<Cmm*>IGIITNPVNTTVAIAAE	*	
AGGGSATLSmGQAAAR	NH2-AGGGSATLSM<Mox>GQAAAR-C	*	
AGGGSATLSMGQAAAR	NH2-AGGGSATLSMGQAAAR-COOH	*	
FFSQPLLLGK	NH2-FFSQPLLLGK-COOH	*	
GFSGEDATPALEGADVVLISAGVAR	NH2-GFSGEDATPALEGADVVLISAGVA	*	

IQNAGTEVVEAK	NH2-IQNAGTEVVEAK-COOH	*	
LFGVTTLDIIR	NH2-LFGVTTLDIIR-COOH	*	
NLVQQVAK	NH2-NLVQQVAK-COOH	*	
RIQNAGTEVVEAK	NH2-RIQNAGTEVVEAK-COOH	*	
SDLFNVNAGIVK	NH2-SDLFNVNAGIVK-COOH	*	
SNTFVAELK	NH2-SNTFVAELK-COOH	*	
TQLPSGSELSLYDIAPVTPGVAVDLS	NH2-TQLPSGSELSLYDIAPVTPGVAVDLS	*	
VAVLGAAGGIGQALALLLK	NH2-VAVLGAAGGIGQALALLLK-COOH	*	
EmIQALADAR	NH2-EM<Mox>IQALADAR-COOH	*	Midlog 1st control
EmLQNSPmALR	NH2-EM<Mox>LQNSPM<Mox>ALR-C	*	Midlog 1st control
EMIQALADAR	NH2-EMIQALADAR-COOH	*	Midlog 1st control
YDDNIGVIILTGAGDK	NH2-YDDNIGVIILTGAGDK-COOH	*	Midlog 1st control
AALANMVQAAQNLR	NH2-AALANMVQAAQNLR-COOH	*	
ANVYEVR	NH2-ANVYEVR-COOH	*	
APTGEPAAAAEMTK	NH2-APTGEPAAAAEMTK-COOH	*	
DALNSGDTAALAEWSAPIQAR	NH2-DALNSGDTAALAEWSAPIQAR-CO	*	
DGSVDIDTLFR	NH2-DGSVDIDTLFR-COOH	*	
GNLDANNYR	NH2-GNLDANNYR-COOH	*	
LAAITAQDSQR	NH2-LAAITAQDSQR-COOH	*	
LPSDWLLSAGLINGR	NH2-LPSDWLLSAGLINGR-COOH	*	
QAIVEQER	NH2-QAIVEQER-COOH	*	
SWFAFALQK	NH2-SWFAFALQK-COOH	*	
TILNHTLGFPR	NH2-TILNHTLGFPR-COOH	*	
FLNLIAGEPDIAR	NH2-FLNLIAGEPDIAR-COOH	*	
LGVQEVEASIETLR	NH2-LGVQEVEASIETLR-COOH	*	
QGFTIPLLIGGATTSK	NH2-QGFTIPLLIGGATTSK-COOH	*	
TPPVTLEAAR	NH2-TPPVTLEAAR-COOH	*	
ADPLEQGAGDQGLMFGYATNETDV	NH2-ADPLEQGAGDQGLMFGYATNETD	*	
FVIGGPMGDCGLTGR	NH2-FVIGGPMGDC<Cmm*>GLTGR-C	*	
HGGGAFSGKDPSK	NH2-HGGGAFSGKDPSK-COOH	*	
HGGGAFSGKDPSKVDR	NH2-HGGGAFSGKDPSKVDR-COOH	*	
IADQISDAVLDAILEQDPK	NH2-IADQISDAVLDAILEQDPK-COOH	*	
KIIVDTYGGmAR	NH2-KIIVDTYGGM<Mox>AR-COOH	*	
KIIVDTYGGMAR	NH2-KIIVDTYGGMAR-COOH	*	
SLQEAVmEEIIKPILPAEWLTSATK	NH2-SLQEAVM<Mox>EEIIKPILPAEWL	*	
SLQEAVMEEIIKPILPAEWLTSATK	NH2-SLQEAVMEEIIKPILPAEWLTSATK-	*	
VACETYVK	NH2-VAC<Cmm*>ETYVK-COOH	*	
VPSEQLTLLVR	NH2-VPSEQLTLLVR-COOH	*	
EVNLLGQNVNAWR	NH2-EVNLLGQNVNAWR-COOH	*	
FVDVEITDVYPNSLR	NH2-FVDVEITDVYPNSLR-COOH	*	
INQQAmAWSR	NH2-INQQAM<Mox>AWSR-COOH	*	
LVAAIDGIDR	NH2-LVAAIDGIDR-COOH	*	
LYILQER	NH2-LYILQER-COOH	*	
VAETPESVIAR	NH2-VAETPESVIAR-COOH	*	
ASNQGEPVILDINADAGK	NH2-ASNQGEPVILDINADAGK-COOH	*	
AYADTVER	NH2-AYADTVER-COOH	*	
GDmLSmEDVLEILR	NH2-GDM<Mox>LSM<Mox>EDVLEIL	*	
IIVVTSGK	NH2-IIVVTSGK-COOH	*	

IKLVGVIPEDQSVLR	NH2-IKLVGVIPEDQSVLR-COOH	*	
ILGILASK	NH2-ILGILASK-COOH	*	
LVGVIPEDQSVLR	NH2-LVGVIPEDQSVLR-COOH	*	
NLDLImGCER	NH2-NLDLIM<Mox>GC<Cmm*>ER-C	*	
NLDLIMGCER	NH2-NLDLIMGC<Cmm*>ER-COOH	*	
RAENGEEPIKEHLLLTR	NH2-RAENGEEPIKEHLLLTR-COOH	*	
TENLYILPASQTR	NH2-TENLYILPASQTR-COOH	*	
TTSSAAIATGLAQK	NH2-TTSSAAIATGLAQK-COOH	*	
TVVIDFDIGLR	NH2-TVVIDFDIGLR-COOH	*	
VLDDLK	NH2-VLDDLK-COOH	*	
ALLDFFLSR	NH2-ALLDFFLSR-COOH	*	
KNTANIAK	NH2-KNTANIAK-COOH	*	Midlog 1st control
LQIIVAER	NH2-LQIIVAER-COOH	*	
GIDGLTAQLK	NH2-GIDGLTAQLK-COOH	*	
LKNEQPQIR	NH2-LKNEQPQIR-COOH	*	
LmDEAAQK	NH2-LM<Mox>DEAAQK-COOH	*	
LMDEAAQK	NH2-LMDEAAQK-COOH	*	
QNEWGTLLR	NH2-QNEWGTLLR-COOH	*	
TIVDQELLPYVQVK	NH2-TIVDQELLPYVQVK-COOH	*	
YAGALVLGQYYK	NH2-YAGALVLGQYYK-COOH	*	
LTTAELPVIASLGIAEVPVIR	NH2-LTTAELPVIASLGIAEVPVIR-COOH	*	
GNPCVEAVLEK	NH2-GNPC<Cmm*>VEAVLEK-COOH	*	
HVGVAPADAANALGSFINAR	NH2-HVGVAPADAANALGSFINAR-CO	*	
IIAVLEPR	NH2-IIAVLEPR-COOH	*	
WVLAVAGTHGK	NH2-WVLAVAGTHGK-COOH	*	
GmVLTGGGALLR	NH2-GM<Mox>VLTGGGALLR-COOH	*	
GMVLTGGGALLR	NH2-GMVLTGGGALLR-COOH	*	
IGGDRFDEAIINYVR	NH2-IGGDRFDEAIINYVR-COOH	*	
IKHEIGSAYPGDEVR	NH2-IKHEIGSAYPGDEVR-COOH	*	
LLMEETGIPVVVAEDPLTCVAR	NH2-LLMEETGIPVVVAEDPLTC<Cmm*	*	
NLAEGVPR	NH2-NLAEGVPR-COOH	*	
NYGSLIGEATAER	NH2-NYGSLIGEATAER-COOH	*	
VLVCVPVGATQVER	NH2-VLVC<Cmm*>VPVGATQVER-CO	*	
<QGNDHGTQYR	#Gln->pyro-Glu (N-term Q)#-QGNDH	*	
EVCSGDTGHAEAVR	NH2-EVC<Cmm*>SGDTGHAEAVR-CO	*	
HLVSPADALPGR	NH2-HLVSPADALPGR-COOH	*	
SAIYPLTPEQDAAAR	NH2-SAIYPLTPEQDAAAR-COOH	*	
AIIDTPPVLVR	NH2-AIIDTPPVLVR-COOH	*	
AQLETVDSAPVQALR	NH2-AQLETVDSAPVQALR-COOH	*	
QDNLLAAIWQDSK	NH2-QDNLLAAIWQDSK-COOH	*	
QVGDLER	NH2-QVGDLER-COOH	*	
SYGLAVAALAGVPK	NH2-SYGLAVAALAGVPK-COOH	*	
VGAADDLASGR	NH2-VGAADDLASGR-COOH	*	
ALAQQLmQER	NH2-ALAQQLM<Mox>QER-COOH	*	Midlog 1st control
ALAQQLmQERG	NH2-ALAQQLM<Mox>QERG-COOH	*	Midlog 1st control
GVMAALLTPFDQQQALDK	NH2-GVMAALLTPFDQQQALDK-COOH	*	
LTLDQINTLVTLPGVGALK	NH2-LTLDQINTLVTLPGVGALK-COOH	*	
ATSLLLFEHVHGESR	NH2-ATSLLLFEHVHGESR-COOH	*	

GCGDSAITAHQR	NH2-GC<Cmm*>GDSAITAHQR-COOH	*	
IADEAR	NH2-IADEAR-COOH	*	
LANTAIDSDKVAEK	NH2-LANTAIDSDKVAEK-COOH	*	
YAVLFDLLLK	NH2-YAVLFDLLLK-COOH	*	
ALHQAAAGEmVLSEALTPVLAASL	NH2-ALHQAAAGEM<Mox>VLSEALTP	*	
ALHQAAAGEMVLSEALTPVLAASLR	NH2-ALHQAAAGEMVLSEALTPVLAASL	*	
LIAQGLPNK	NH2-LIAQGLPNK-COOH	*	
RLDITESTVK	NH2-RLDITESTVK-COOH	*	
DSDPEVLLEAIR	NH2-DSDPEVLLEAIR-COOH	*	
ELDVLHELAQGLSNK	NH2-ELDVLHELAQGLSNK-COOH	*	
EMFGAEEDPFSVLTER	NH2-EMFGAEEDPFSVLTER-COOH	*	
GmSGLDTLNALR	NH2-GM<Mox>SGLDTLNALR-COOH	*	
GMSGLDTLNALR	NH2-GMSGLDTLNALR-COOH	*	
PEATPFQVMIVDDHPLMR	NH2-PEATPFQVMIVDDHPLMR-COOH	*	
QIASVLNISEQTVK	NH2-QIASVLNISEQTVK-COOH	*	
VAATILFLQQR	NH2-VAATILFLQQR-COOH	*	
LVVDQEDADGR	NH2-LVVDQEDADGR-COOH	*	
mDIISVALKR	NH2-M<Mox>DIISVALKR-COOH	*	Midlog 1st control
SRLPQNITLTEV	NH2-SRLPQNITLTEV-COOH	*	
ALREELVTLTGGQK	NH2-ALREELVTLTGGQK-COOH	*	
LPASILVHENSYQPLDK	NH2-LPASILVHENSYQPLDK-COOH	*	
LLANQEEGTQIR	NH2-LLANQEEGTQIR-COOH	*	
NGGIR	NH2-NGGIR-COOH	*	
ASVESNFALR	NH2-ASVESNFALR-COOH	*	
EGGIYTPALR	NH2-EGGIYTPALR-COOH	*	
FGYGYVNLK	NH2-FGYGYVNLK-COOH	*	
GADVGITmIAR	NH2-GADVGITM<Mox>IAR-COOH	*	
GADVGITMIAR	NH2-GADVGITMIAR-COOH	*	
IDVIVQALAGAK	NH2-IDVIVQALAGAK-COOH	*	
IPELAGIKDAAPDATFR	NH2-IPELAGIKDAAPDATFR-COOH	*	
EKIFEALESALATATK	NH2-EKIFEALESALATATK-COOH	*	
HQAEAHAAIDTFTK	NH2-HQAEAHAAIDTFTK-COOH	*	
IEVPEIGEEVIEIK	NH2-IEVPEIGEEVIEIK-COOH	*	
VQAVSTELGGER	NH2-VQAVSTELGGER-COOH	*	
LLEELGQVEK	NH2-LLEELGQVEK-COOH	*	
VAINEAIELAK	NH2-VAINEAIELAK-COOH	*	
<QEVHGNGLSSYPHPK	#Gln->pyro-Glu (N-term Q)#-QEVHG	*	
<QIGIYSPNGQQYTPQDR	#Gln->pyro-Glu (N-term Q)#-QIGIYSP	*	
<QKLHGYLPSR	#Gln->pyro-Glu (N-term Q)#-QKLHGY	*	
<QPNFTEKLELPSLQDFGALLEEQ	#Gln->pyro-Glu (N-term Q)#-QPNFTE	*	
<QTVYAFLGDGEMDEPESK	#Gln->pyro-Glu (N-term Q)#-QTVYAF	*	
AFLEGR	NH2-AFLEGR-COOH	*	
ALNVmLK	NH2-ALNVM<Mox>LK-COOH	*	Midlog 1st control
ALNVMLK	NH2-ALNVMLK-COOH	*	Midlog 1st control
AQYLIDQLLAEAR	NH2-AQYLIDQLLAEAR-COOH	*	Midlog 1st control
AQYLIDQLLAEARK	NH2-AQYLIDQLLAEARK-COOH	*	Midlog 1st control
ARNEQDGGDLVYFQGHISPGVYAR	NH2-ARNEQDGGDLVYFQGHISPGVYA	*	
ATVILAHTIK	NH2-ATVILAHTIK-COOH	*	Midlog 1st control

DGQDCERWNMLHPLETPR	NH2-DGQDC<Cmm*>ERWNMLHPLET	*	
DLELGGHmASFQSSATIYDVCFNH	NH2-DLELGGHM<Mox>ASFQSSATIYD	*	
DLELGGHMASFQSSATIYDVCFNHF	NH2-DLELGGHMASFQSSATIYDVC<Cm	*	
DRFNVPVSDADIEK	NH2-DRFNVPVSDADIEK-COOH	*	
DRFNVPVSDADIEKLPYITFPEGSEEH	NH2-DRFNVPVSDADIEKLPYITFPEGSEE	*	
DRLVPIIADEAR	NH2-DRLVPIIADEAR-COOH	*	
DWLQAIESVIR	NH2-DWLQAIESVIR-COOH	*	Midlog 1st control
DWLQAIESVIREEGVER	NH2-DWLQAIESVIREEGVER-COOH	*	
DYGVGSDVYSVTSFTELAR	NH2-DYGVGSDVYSVTSFTELAR-COOH	*	Midlog 1st control
EAAEILAK	NH2-EAAEILAK-COOH	*	Midlog 1st control
EAAEILAKDYGVGSDVYSVTSFTELA	NH2-EAAEILAKDYGVGSDVYSVTSFTEL	*	Midlog 1st control
EHFFGK	NH2-EHFFGK-COOH	*	
EHFFGKYPETAALVADWTDEQIWA	NH2-EHFFGKYPETAALVADWTDEQIW	*	
EISTTIAFVR	NH2-EISTTIAFVR-COOH	*	Midlog 1st control
EKLDNLVFVINCNLQR	NH2-EKLDNLVFVINC<Cmm*>NLQR-C	*	Midlog 1st control
EQVAYYKEDEK	NH2-EQVAYYKEDEK-COOH	*	Midlog 1st control
FNIDADKVNPR	NH2-FNIDADKVNPR-COOH	*	Midlog 1st control
FNVPVSDADIEKLPYITFPEGSEEHTY	NH2-FNVPVSDADIEKLPYITFPEGSEEHT	*	
FPNDVDPIETR	NH2-FPNDVDPIETR-COOH	*	Midlog 1st control
FPNDVDPIETRDWLQAIESVIR	NH2-FPNDVDPIETRDWLQAIESVIR-CO	*	
GAITIATR	NH2-GAITIATR-COOH	*	Midlog 1st control
GFLIGGTSGR	NH2-GFLIGGTSGR-COOH	*	Midlog 1st control
GGVNVAAGTGISNYINTIPVEEQPEY	NH2-GGVNVAAGTGISNYINTIPVEEQPE	*	
GGVNVAAGTGISNYINTIPVEEQPEY	NH2-GGVNVAAGTGISNYINTIPVEEQPE	*	
GIYKLETIEGSK	NH2-GIYKLETIEGSK-COOH	*	Midlog 1st control
GKATVILAHTIK	NH2-GKATVILAHTIK-COOH	*	
GKVQLLGSGSILR	NH2-GKVQLLGSGSILR-COOH	*	Midlog 1st control
GYGmGDAAEGK	NH2-GYGM<Mox>GDAAEGK-COOH	*	
GYGMGDAAEGK	NH2-GYGMGDAAEGK-COOH	*	Midlog 1st control
HHFEVDASYVVVAALGELAK	NH2-HHFEVDASYVVVAALGELAK-COO	*	
HHFEVDASYVVVAALGELAKR	NH2-HHFEVDASYVVVAALGELAKR-CO	*	
IGDLCWAAGDQQAR	NH2-IGDLC<Cmm*>WAAGDQQAR-C	*	Midlog 1st control
IINELEGIFEGAGWNVIK	NH2-IINELEGIFEGAGWNVIK-COOH	*	
IYAAFK	NH2-IYAAFK-COOH	*	Midlog 1st control
KDLELGGHMASFQSSATIYDVCFNH	NH2-KDLELGGHMASFQSSATIYDVC<C	*	
KGGVNVAAGTGISNYINTIPVEEQPE	NH2-KGGVNVAAGTGISNYINTIPVEEQ	*	Midlog 1st control
KGGVNVAAGTGISNYINTIPVEEQPE	NH2-KGGVNVAAGTGISNYINTIPVEEQ	*	
KGIYKLETIEGSK	NH2-KGIYKLETIEGSK-COOH	*	
LDGPVTGNGK	NH2-LDGPVTGNGK-COOH	*	
LDNLVFVINCNLQR	NH2-LDNLVFVINC<Cmm*>NLQR-CO	*	
LELPSLQDFGALLEEQSK	NH2-LELPSLQDFGALLEEQSK-COOH	*	
LELPSLQDFGALLEEQSKEISTTIAFVR	NH2-LELPSLQDFGALLEEQSKEISTTIAF	*	
LETIEGSK	NH2-LETIEGSK-COOH	*	Midlog 1st control
LFAEQVR	NH2-LFAEQVR-COOH	*	Midlog 1st control
LHGYLPSR	NH2-LHGYLPSR-COOH	*	
LIQLmNETVDGDYQTFK	NH2-LIQLM<Mox>NETVDGDYQTFK-C	*	
LIQLMNETVDGDYQTFK	NH2-LIQLMNETVDGDYQTFK-COOH	*	Midlog 1st control
LmPEFWQFPTVSmGLGPIGAIYQ	NH2-LM<Mox>PEFWQFPTVSM<Mox>	*	

LmPEFWQFPTVSMGLGPIGAIYQ	NH2-LM<Mox>PEFWQFPTVSMGLGPI	*	
LMPEFWQFPTVSmGLGPIGAIYQA	NH2-LMPEFWQFPTVSM<Mox>GLGPI	*	
LMPEFWQFPTVSMGLGPIGAIYQAK	NH2-LMPEFWQFPTVSMGLGPIGAIYQA	*	
LPYITFPEGSEEHTYLHAQR	NH2-LPYITFPEGSEEHTYLHAQR-COOH	*	
LTQEQLDNFR	NH2-LTQEQLDNFR-COOH	*	Midlog 1st control
LTQEQLDNFRQEVHGNGLSSYPHPK	NH2-LTQEQLDNFRQEVHGNGLSSYPHP	*	
LVPIIADEAR	NH2-LVPIIADEAR-COOH	*	Midlog 1st control
NEQDGGDLVYFQGHISPGVYAR	NH2-NEQDGGDLVYFQGHISPGVYAR-C	*	Midlog 1st control
QENVYYYITTLNENYHMPAMPEGAE	NH2-QENVYYYITTLNENYHMPAMPEGA	*	
QENVYYYITTLNENYHMPAMPEGAE	NH2-QENVYYYITTLNENYHMPAMPEGA	*	
QEVHGNGLSSYPHPK	NH2-QEVHGNGLSSYPHPK-COOH	*	
QIGIYSPNGQQYTPQDR	NH2-QIGIYSPNGQQYTPQDR-COOH	*	Midlog 1st control
QIGIYSPNGQQYTPQDREQVAYYKEI	NH2-QIGIYSPNGQQYTPQDREQVAYYK	*	
QKLHGYLPSR	NH2-QKLHGYLPSR-COOH	*	
QPNFTEKLELPSLQDFGALLEEQSK	NH2-QPNFTEKLELPSLQDFGALLEEQSK-	*	
QPNFTEKLELPSLQDFGALLEEQSKEI	NH2-QPNFTEKLELPSLQDFGALLEEQSK	*	
QTVYAFLGDGEmDEPESK	NH2-QTVYAFLGDGEM<Mox>DEPESK-	*	Midlog 1st control
QTVYAFLGDGEMDEPESK	NH2-QTVYAFLGDGEMDEPESK-COOH	*	Midlog 1st control
SERFPNDVDPIETR	NH2-SERFPNDVDPIETR-COOH	*	Midlog 1st control
TFGmEGLFR	NH2-TFGM<Mox>EGLFR-COOH	*	Midlog 1st control
TFGMEGLFR	NH2-TFGMEGLFR-COOH	*	Midlog 1st control
TYVPADDYR	NH2-TYVPADDYR-COOH	*	Midlog 1st control
VLGTDGFGR	NH2-VLGTDGFGR-COOH	*	Midlog 1st control
VPYIAQVmNDAPAVASTDYmK	NH2-VPYIAQVM<Mox>NDAPAVASTD	*	Midlog 1st control
VPYIAQVmNDAPAVASTDYMK	NH2-VPYIAQVM<Mox>NDAPAVASTD	*	
VPYIAQVMNDAPAVASTDYmK	NH2-VPYIAQVMNDAPAVASTDYM<M	*	Midlog 1st control
VPYIAQVMNDAPAVASTDYMK	NH2-VPYIAQVMNDAPAVASTDYMK-C	*	Midlog 1st control
VQLLGSGSILR	NH2-VQLLGSGSILR-COOH	*	Midlog 1st control
VVADAIAK	NH2-VVADAIAK-COOH	*	
WDELLR	NH2-WDELLR-COOH	*	
WDELLRK	NH2-WDELLRK-COOH	*	
WNAImTVLR	NH2-WNAIM<Mox>TVLR-COOH	*	Midlog 1st control
WNAIMTVLR	NH2-WNAIMTVLR-COOH	*	Midlog 1st control
WNmLHPLETPR	NH2-WNM<Mox>LHPLETPR-COOH	*	
WNMLHPLETPR	NH2-WNMLHPLETPR-COOH	*	
YPETAALVADWTDEQIWALNR	NH2-YPETAALVADWTDEQIWALNR-C	*	
<QEAAAPAPAAK	#Gln->pyro-Glu (N-term Q)#-QEAAAP	*	
<QEAAPAAAPAPAAGVK	#Gln->pyro-Glu (N-term Q)#-QEAAPA	*	Midlog 1st control
AEAAPAATGGGIPGmLPWPK	NH2-AEAAPAATGGGIPGM<Mox>LPW	*	Midlog 1st control
AEAAPAATGGGIPGMLPWPK	NH2-AEAAPAATGGGIPGMLPWPK-CO	*	Midlog 1st control
AEAPAAAPAAK	NH2-AEAPAAAPAAK-COOH	*	Midlog 1st control
AEGKSEFAENDAYVHATPLIR	NH2-AEGKSEFAENDAYVHATPLIR-CO	*	Midlog 1st control
AIEIKVPDIGADEVEITEILVK	NH2-AIEIKVPDIGADEVEITEILVK-COOH	*	
AVAAALEQmPR	NH2-AVAAALEQM<Mox>PR-COOH	*	Midlog 1st control
AVAAALEQMPR	NH2-AVAAALEQMPR-COOH	*	Midlog 1st control
DVNVPDIGSDEVEVTEILVK	NH2-DVNVPDIGSDEVEVTEILVK-COOH	*	Midlog 1st control
EAAPAAAPAAAAAK	NH2-EAAPAAAPAAAAAK-COOH	*	Midlog 1st control

EFGVNLAK	NH2-EFGVNLAK-COOH	*	Midlog 1st control
ELMTISK	NH2-ELMTISK-COOH	*	
EVNVPDIGGDEVEVTEVmVK	NH2-EVNVPDIGGDEVEVTEVM<Mox>	*	Midlog 1st control
EVNVPDIGGDEVEVTEVMVK	NH2-EVNVPDIGGDEVEVTEVMVK-COC	*	Midlog 1st control
FGEIEEVELGR	NH2-FGEIEEVELGR-COOH	*	Midlog 1st control
FITIINNTLSDIR	NH2-FITIINNTLSDIR-COOH	*	Midlog 1st control
FITIINNTLSDIRR	NH2-FITIINNTLSDIRR-COOH	*	Midlog 1st control
FNSSLSEDGQR	NH2-FNSSLSEDGQR-COOH	*	Midlog 1st control
FNSSLSEDGQRLTLK	NH2-FNSSLSEDGQRLTLK-COOH	*	Midlog 1st control
GIIELSR	NH2-GIIELSR-COOH	*	
ILREDVQAYVK	NH2-ILREDVQAYVK-COOH	*	Midlog 1st control
ISGANLSR	NH2-ISGANLSR-COOH	*	Midlog 1st control
ITPVVFImK	NH2-ITPVVFIM<Mox>K-COOH	*	Midlog 1st control
ITPVVFIMKAVAAALEQmPR	NH2-ITPVVFIMKAVAAALEQM<Mox>P	*	
ITPVVFIMK	NH2-ITPVVFIMK-COOH	*	Midlog 1st control
KEAAPAAAPAAAAAK	NH2-KEAAPAAAPAAAAAK-COOH	*	Midlog 1st control
KGIIELSR	NH2-KGIIELSR-COOH	*	Midlog 1st control
KYINIGVAVDTPNGLVVPVFK	NH2-KYINIGVAVDTPNGLVVPVFK-COC	*	
KYINIGVAVDTPNGLVVPVFKDVNK	NH2-KYINIGVAVDTPNGLVVPVFKDVNI	*	
LmLPISLSFDHR	NH2-LM<Mox>LPISLSFDHR-COOH	*	Midlog 1st control
LMLPISLSFDHR	NH2-LMLPISLSFDHR-COOH	*	Midlog 1st control
NWVmIPHVTHFDKTDITELEAFR	NH2-NWVM<Mox>IPHVTHFDKTDITEL	*	
NWVmIPHVTHFDKTDITELEAFR	NH2-NWVM<Mox>IPHVTHFDKTDITEL	*	
NWVMIPHVTHFDK	NH2-NWVMIPHVTHFDK-COOH	*	
NWVMIPHVTHFDKTDITELEAFR	NH2-NWVMIPHVTHFDKTDITELEAFR-	*	
NWVMIPHVTHFDKTDITELEAFRK	NH2-NWVMIPHVTHFDKTDITELEAFRK	*	
QEAAAPAPAAK	NH2-QEAAAPAPAAK-COOH	*	Midlog 1st control
QEAAPAAAPAPAAGVK	NH2-QEAAPAAAPAPAAGVK-COOH	*	Midlog 1st control
RAEAAPAATGGGIPGmLPWPK	NH2-RAEAAPAATGGGIPGM<Mox>LP	*	Midlog 1st control
RAEAAPAATGGGIPGMLPWPK	NH2-RAEAAPAATGGGIPGMLPWPK-C	*	Midlog 1st control
SAmEPVWNGK	NH2-SAM<Mox>EPVWNGK-COOH	*	Midlog 1st control
SAmEPVWNGKEFVPR	NH2-SAM<Mox>EPVWNGKEFVPR-CO	*	Midlog 1st control
SAMEPVWNGK	NH2-SAMEPVWNGK-COOH	*	Midlog 1st control
SAMEPVWNGKEFVPR	NH2-SAMEPVWNGKEFVPR-COOH	*	Midlog 1st control
SEFAENDAYVHATPLIR	NH2-SEFAENDAYVHATPLIR-COOH	*	Midlog 1st control
SEFAENDAYVHATPLIRR	NH2-SEFAENDAYVHATPLIRR-COOH	*	Midlog 1st control
TDITELEAFR	NH2-TDITELEAFR-COOH	*	Midlog 1st control
TDITELEAFRK	NH2-TDITELEAFRK-COOH	*	Midlog 1st control
TGSLImIFEVEGAAPAAAPAK	NH2-TGSLIM<Mox>IFEVEGAAPAAAP	*	Midlog 1st control
TGSLImIFEVEGAAPAAAPAKQEA	NH2-TGSLIM<Mox>IFEVEGAAPAAAP	*	Midlog 1st control
TGSLIMIFEVEGAAPAAAPAK	NH2-TGSLIMIFEVEGAAPAAAPAK-COC	*	
TGSLIMIFEVEGAAPAAAPAKQEAA	NH2-TGSLIMIFEVEGAAPAAAPAKQEA	*	
TQTGALIMIFDSADGAADAAPAQAE	NH2-TQTGALIMIFDSADGAADAAPAQ	*	
TQTGALIMIFDSADGAADAAPAQAE	NH2-TQTGALIMIFDSADGAADAAPAQ	*	
VDFSKFGEIEEVELGR	NH2-VDFSKFGEIEEVELGR-COOH	*	Midlog 1st control
VIDGADGAR	NH2-VIDGADGAR-COOH	*	Midlog 1st control
VNVGDKVSTGSLImVFEVAGEAGA	NH2-VNVGDKVSTGSLIM<Mox>VFEVA	*	

VNVGDKVSTGSLIMVFEVAGEAGA	NH2-VNVGDKVSTGSLIMVFEVAGEAG	*	
VPDIGADEVEITEILVK	NH2-VPDIGADEVEITEILVK-COOH	*	Midlog 1st control
VSTGSLImVFEVAGEAGAAAPAA	NH2-VSTGSLIM<Mox>VFEVAGEAGAA	*	
VSTGSLIMVFEVAGEAGAAAPAAK	NH2-VSTGSLIMVFEVAGEAGAAAPAAK	*	
VSVGDKTQTGALImIFDSADGAAD	NH2-VSVGDKTQTGALIM<Mox>IFDSA	*	
VSVGDKTQTGALImIFDSADGAAD	NH2-VSVGDKTQTGALIM<Mox>IFDSA	*	
VSVGDKTQTGALIMIFDSADGAADA	NH2-VSVGDKTQTGALIMIFDSADGAAD	*	
VSVGDKTQTGALIMIFDSADGAADA	NH2-VSVGDKTQTGALIMIFDSADGAAD	*	
YINIGVAVDTPNGLVVPVFK	NH2-YINIGVAVDTPNGLVVPVFK-COO	*	
YINIGVAVDTPNGLVVPVFKDVNK	NH2-YINIGVAVDTPNGLVVPVFKDVNK-	*	
YINIGVAVDTPNGLVVPVFKDVNKK	NH2-YINIGVAVDTPNGLVVPVFKDVNK	*	
ATLKPEGQAALDQLYSQLSNLDPK	NH2-ATLKPEGQAALDQLYSQLSNLDPK-	*	
IGSDAYNQGLSER	NH2-IGSDAYNQGLSER-COOH	*	
RAQSVVDYLISK	NH2-RAQSVVDYLISK-COOH	*	
SIDVQISR	NH2-SIDVQISR-COOH	*	
YLTEQGFQVR	NH2-YLTEQGFQVR-COOH	*	
ETGQSFLDNILSR	NH2-ETGQSFLDNILSR-COOH	*	Midlog 1st control
FEEEGIFNR	NH2-FEEEGIFNR-COOH	*	Midlog 1st control
GQAHWEGDIKR	NH2-GQAHWEGDIKR-COOH	*	
IAPPDEHAASAGGLAVGILGALK	NH2-IAPPDEHAASAGGLAVGILGALK-C	*	
EAEPEIYNAIR	NH2-EAEPEIYNAIR-COOH	*	
EQGLNSENFVAFNLTER	NH2-EQGLNSENFVAFNLTER-COOH	*	
GVLTNLGAVAVDTGIFTGR	NH2-GVLTNLGAVAVDTGIFTGR-COOH	*	
LFIDNFDKYTDTPAGAALVAAGPK	NH2-LFIDNFDKYTDTPAGAALVAAGPK-	*	
LFVVDAFCGANPDTR	NH2-LFVVDAFC<Cmm*>GANPDTR-C	*	
VIFLTADAFGVLPPVSR	NH2-VIFLTADAFGVLPPVSR-COOH	*	
GTGDLFCAQLISGLLK	NH2-GTGDLFC<Cmm*>AQLISGLLK-C	*	
ILAEWLTALR	NH2-ILAEWLTALR-COOH	*	
KPVVLQAHLDMVPQK	NH2-KPVVLQAHLDMVPQK-COOH	*	
LIDFNGGTLR	NH2-LIDFNGGTLR-COOH	*	
LLNATPNGVIR	NH2-LLNATPNGVIR-COOH	*	
ADGIGSLLPAAR	NH2-ADGIGSLLPAAR-COOH	*	
ALQLGIEASNINPK	NH2-ALQLGIEASNINPK-COOH	*	Midlog 1st control
GNIGYIGPVPER	NH2-GNIGYIGPVPER-COOH	*	Midlog 1st control
HFDVDAFDAR	NH2-HFDVDAFDAR-COOH	*	Midlog 1st control
mMEIAKK	NH2-M<Mox>MEIAKK-COOH	*	
MmEIAKK	NH2-MM<Mox>EIAKK-COOH	*	
ALIPFGGIK	NH2-ALIPFGGIK-COOH	*	
DAIPTQSVLTITSNVVYGK	NH2-DAIPTQSVLTITSNVVYGK-COOH	*	
GAVASLTSVAK	NH2-GAVASLTSVAK-COOH	*	
GDWQNEVNVR	NH2-GDWQNEVNVR-COOH	*	
IVGLQTEAPLKR	NH2-IVGLQTEAPLKR-COOH	*	
LATAWEGFTK	NH2-LATAWEGFTK-COOH	*	
LREEIAEQHR	NH2-LREEIAEQHR-COOH	*	
SGVLTGLPDAYGR	NH2-SGVLTGLPDAYGR-COOH	*	
TMACGIAGLSVAADSLSAIK	NH2-TMAC<Cmm*>GIAGLSVAADSLS	*	
TSTFLDVYIER	NH2-TSTFLDVYIER-COOH	*	
VALYGIDYLMK	NH2-VALYGIDYLMK-COOH	*	

VDDLAVDLVER	NH2-VDDLAVDLVER-COOH	*	
ADEQILDIGDASAQELAEILK	NH2-ADEQILDIGDASAQELAEILK-COO	*	
ADLNVPVKDGK	NH2-ADLNVPVKDGK-COOH	*	Midlog 1st control
ASLPTIELALK	NH2-ASLPTIELALK-COOH	*	Midlog 1st control
DYLDGVDVAEGELVVLENVR	NH2-DYLDGVDVAEGELVVLENVR-COO	*	
FADVACAGPLLAAELDALGK	NH2-FADVAC<Cmm*>AGPLLAAELDAL	*	Midlog 1st control
IADQLIVGGGIANTFIAAQGHDVGK	NH2-IADQLIVGGGIANTFIAAQGHDVG	*	Midlog 1st control
ISYISTGGGAFLEFVEGK	NH2-ISYISTGGGAFLEFVEGK-COOH	*	Midlog 1st control
LLTTCNIPVPSDVR	NH2-LLTTC<Cmm*>NIPVPSDVR-COO	*	Midlog 1st control
LTVLDSLSK	NH2-LTVLDSLSK-COOH	*	Midlog 1st control
LVKDYLDGVDVAEGELVVLENVR	NH2-LVKDYLDGVDVAEGELVVLENVR-	*	
mTDLDLAGK	NH2-M<Mox>TDLDLAGK-COOH	*	Midlog 1st control
MTDLDLAGKR	NH2-MTDLDLAGKR-COOH	*	
SLYEADLVDEAK	NH2-SLYEADLVDEAK-COOH	*	Midlog 1st control
SLYEADLVDEAKR	NH2-SLYEADLVDEAKR-COOH	*	Midlog 1st control
SVNDVKADEQILDIGDASAQELAEIL	NH2-SVNDVKADEQILDIGDASAQELAEI	*	
TILWNGPVGVFEFPNFR	NH2-TILWNGPVGVFEFPNFR-COOH	*	
VATEFSETAPATLK	NH2-VATEFSETAPATLK-COOH	*	Midlog 1st control
VLPAVAmLEER	NH2-VLPAVAM<Mox>LEER-COOH	*	Midlog 1st control
VLPAVAMLEER	NH2-VLPAVAMLEER-COOH	*	Midlog 1st control
YAALCDVFVmDAFGTAHR	NH2-YAALC<Cmm*>DVFVM<Mox>D	*	Midlog 1st control
YAALCDVFVMDAFGTAHR	NH2-YAALC<Cmm*>DVFVMDAFGTA	*	Midlog 1st control
ANALLADGLK	NH2-ANALLADGLK-COOH	*	
LQAAATSAQK	NH2-LQAAATSAQK-COOH	*	
TLVSSAMIDR	NH2-TLVSSAMIDR-COOH	*	
GQGYLFELR	NH2-GQGYLFELR-COOH	*	
SNDVSLPILVLTAR	NH2-SNDVSLPILVLTAR-COOH	*	
VLVVEDNALLR	NH2-VLVVEDNALLR-COOH	*	
LIPAADISEQISTAGK	NH2-LIPAADISEQISTAGK-COOH	*	Midlog 1st control
SDGAEVAVSK	NH2-SDGAEVAVSK-COOH	*	
AAVAGIAmGLVK	NH2-AAVAGIAM<Mox>GLVK-COOH	*	
AAVAGIAMGLVK	NH2-AAVAGIAMGLVK-COOH	*	Midlog 1st control
ALTEETGTTIEIEDDGTVK	NH2-ALTEETGTTIEIEDDGTVK-COOH	*	
DAQVLDELmGER	NH2-DAQVLDELM<Mox>GER-COOH	*	
DAQVLDELMGER	NH2-DAQVLDELMGER-COOH	*	
DGISALQMDIK	NH2-DGISALQMDIK-COOH	*	
EATEQSQPAAAPEAPAAEQGE	NH2-EATEQSQPAAAPEAPAAEQGE-CO	*	
EGLVHISQIADK	NH2-EGLVHISQIADK-COOH	*	
EGLVHISQIADKR	NH2-EGLVHISQIADKR-COOH	*	
EGRPSEGETLIAR	NH2-EGRPSEGETLIAR-COOH	*	
EImQVALNQAK	NH2-EIM<Mox>QVALNQAK-COOH	*	Midlog 1st control
EIMQVALNQAK	NH2-EIMQVALNQAK-COOH	*	Midlog 1st control
GDISEFAPR	NH2-GDISEFAPR-COOH	*	Midlog 1st control
GETQALVTATLGTAR	NH2-GETQALVTATLGTAR-COOH	*	Midlog 1st control
INPDKIKDVIGK	NH2-INPDKIKDVIGK-COOH	*	
IVDFGAFVAIGGGK	NH2-IVDFGAFVAIGGGK-COOH	*	
LHILGVmEQAINAPR	NH2-LHILGVM<Mox>EQAINAPR-COO	*	
LHILGVMEQAINAPR	NH2-LHILGVMEQAINAPR-COOH	*	

REGRPSEGETLIAR	NH2-REGRPSEGETLIAR-COOH	*	
VGYINDQYVLNPTQDELKESK	NH2-VGYINDQYVLNPTQDELKESK-COC	*	
VTDYLQMGQEVPVK	NH2-VTDYLQMGQEVPVK-COOH	*	
WDWQPEPVNEALNAR	NH2-WDWQPEPVNEALNAR-COOH	*	
YAQVDVIK	NH2-YAQVDVIK-COOH	*	Midlog 1st control
ATKEPIKNEANNGLK	NH2-ATKEPIKNEANNGLK-COOH	*	
EGFYNNTIFHR	NH2-EGFYNNTIFHR-COOH	*	
TFDDKAPETVK	NH2-TFDDKAPETVK-COOH	*	
VINGFmIQGGGFEPGmK	NH2-VINGFM<Mox>IQGGGFEPGM<M	*	
AFDFACLPNEGVGLAR	NH2-AFDFAC<Cmm*>LPNEGVGLAR-C	*	
ALLEFDDQEPQLQNEIR	NH2-ALLEFDDQEPQLQNEIR-COOH	*	
ALLSMAIR	NH2-ALLSMAIR-COOH	*	
ASAIVTNR	NH2-ASAIVTNR-COOH	*	
AVVEELAR	NH2-AVVEELAR-COOH	*	
DIFSLTNEEVQELAK	NH2-DIFSLTNEEVQELAK-COOH	*	
EFYVGR	NH2-EFYVGR-COOH	*	
ELGIPAVVGCGDATER	NH2-ELGIPAVVGC<Cmm*>GDATER-C	*	
GVALSAGVQR	NH2-GVALSAGVQR-COOH	*	
HVFASLFNDR	NH2-HVFASLFNDR-COOH	*	
IEDVPQEQR	NH2-IEDVPQEQR-COOH	*	
KASAIVTNR	NH2-KASAIVTNR-COOH	*	
LEFIINR	NH2-LEFIINR-COOH	*	
LFIVQARPETVR	NH2-LFIVQARPETVR-COOH	*	
LTEGIATLGAAFYPK	NH2-LTEGIATLGAAFYPK-COOH	*	
MIGVHPR	NH2-MIGVHPR-COOH	*	
MVYAPTQEHGK	NH2-MVYAPTQEHGK-COOH	*	
QAVQIEK	NH2-QAVQIEK-COOH	*	
SSSVETMPDLPLK	NH2-SSSVETMPDLPLK-COOH	*	
TCHAAIIAR	NH2-TC<Cmm*>HAAIIAR-COOH	*	
VIHDISEmNR	NH2-VIHDISEM<Mox>NR-COOH	*	
VIHDISEMNR	NH2-VIHDISEMNR-COOH	*	
VmmNVGNPDR	NH2-VM<Mox>M<Mox>NVGNPDR-C	*	
VMMNVGNPDR	NH2-VMMNVGNPDR-COOH	*	
EAAATAGEKEDAPR	NH2-EAAATAGEKEDAPR-COOH	*	
IGIFQDLVDR	NH2-IGIFQDLVDR-COOH	*	
VAGEmNLSK	NH2-VAGEM<Mox>NLSK-COOH	*	
IIGALPYLYEINLR	NH2-IIGALPYLYEINLR-COOH	*	
ALLLKEDEIVIDR	NH2-ALLLKEDEIVIDR-COOH	*	
ALLLKEDEIVIDRK	NH2-ALLLKEDEIVIDRK-COOH	*	
AVQEQVASEK	NH2-AVQEQVASEK-COOH	*	
EENPFLGWR	NH2-EENPFLGWR-COOH	*	
IMFPMIISVEEVR	NH2-IMFPMIISVEEVR-COOH	*	
ISADQVDQEVER	NH2-ISADQVDQEVER-COOH	*	
QVIDASHAEGK	NH2-QVIDASHAEGK-COOH	*	
VLAEQALAQPTTDELMTLVNK	NH2-VLAEQALAQPTTDELMTLVNK-CO	*	
VLGFITDAGGR	NH2-VLGFITDAGGR-COOH	*	
NTNITGVIVNK	NH2-NTNITGVIVNK-COOH	*	
IVGDGIAIKPTGNK	NH2-IVGDGIAIKPTGNK-COOH	*	

LSGSVTVGETPVIR	NH2-LSGSVTVGETPVIR-COOH	*
mVAPVDGTIGK	NH2-M<Mox>VAPVDGTIGK-COOH	*
STLTPVVISNmDEIKELIK	NH2-STLTPVVISNM<Mox>DEIKELIK-C	*
STLTPVVISNMDEIKELIK	NH2-STLTPVVISNMDEIKELIK-COOH	*
VGDTVIEFDLPLLEEK	NH2-VGDTVIEFDLPLLEEK-COOH	*
VKVGDTVIEFDLPLLEEK	NH2-VKVGDTVIEFDLPLLEEK-COOH	*
LmAELE	NH2-LM<Mox>AELE-COOH	*
mFQQEVTITAPNGLHTR	NH2-M<Mox>FQQEVTITAPNGLHTR-C	*
GVVHDTWPQALIAR	NH2-GVVHDTWPQALIAR-COOH	*
LQQPDIVETLITLPETQLK	NH2-LQQPDIVETLITLPETQLK-COOH	*
SEVLTHIGNEMLAK	NH2-SEVLTHIGNEMLAK-COOH	*
SGISFVDR	NH2-SGISFVDR-COOH	*
SGISFVDRSEVLTHIGNEMLAK	NH2-SGISFVDRSEVLTHIGNEMLAK-CO	*
SSAIYLLRPTNK	NH2-SSAIYLLRPTNK-COOH	*
YVLDSDE	NH2-YVLDSDE-COOH	*
ILTILQG	NH2-ILTILQG-COOH	*
SFGDIPLVHGmPFISGIGIEALQNK	NH2-SFGDIPLVHGM<Mox>PFISGIGIE	*
VNEIETYMDGVHLICTTAK	NH2-VNEIETYMDGVHLIC<Cmm*>TTA	*
YEVPVIIEAFPETLAGEK	NH2-YEVPVIIEAFPETLAGEK-COOH	*
QLSLPPQVVFEAILTR	NH2-QLSLPPQVVFEAILTR-COOH	*
AEAVDYQK	NH2-AEAVDYQK-COOH	*
AVQLNSLSGFCLTK	NH2-AVQLNSLSGFC<Cmm*>LTK-COO	*
ENVTSIIGNGVVLSPAALmK	NH2-ENVTSIIGNGVVLSPAALM<Mox>	*
ENVTSIIGNGVVLSPAALMK	NH2-ENVTSIIGNGVVLSPAALMK-COO	*
EVTTTPLAADDWK	NH2-EVTTTPLAADDWK-COOH	*
GNNVVVLGTQWGDEGK	NH2-GNNVVVLGTQWGDEGK-COOH	*
GVEPIYETMPGWSESTFGVK	NH2-GVEPIYETMPGWSESTFGVK-COO	*
IEELTGVPIDIISTGPDR	NH2-IEELTGVPIDIISTGPDR-COOH	*
IVDLLTER	NH2-IVDLLTER-COOH	*
LDVLDGLK	NH2-LDVLDGLK-COOH	*
LDVLDGLKEVK	NH2-LDVLDGLKEVK-COOH	*
LKEVMEYHNFQLVNYYK	NH2-LKEVMEYHNFQLVNYYK-COOH	*
LLLSEACPLILDYHVALDNAR	NH2-LLLSEAC<Cmm*>PLILDYHVALDN	*
QGNEFGATTGR	NH2-QGNEFGATTGR-COOH	*
RIEELTGVPIDIISTGPDR	NH2-RIEELTGVPIDIISTGPDR-COOH	*
SGLPQAALNYIK	NH2-SGLPQAALNYIK-COOH	*
TETMILRDPFDA	NH2-TETMILRDPFDA-COOH	*
TGWLDTVAVR	NH2-TGWLDTVAVR-COOH	*
TVLHLIPSGILR	NH2-TVLHLIPSGILR-COOH	*
VGAGPFPTELFDETGEFLCK	NH2-VGAGPFPTELFDETGEFLC<Cmm*	*
VGDLFDKETFAEK	NH2-VGDLFDKETFAEK-COOH	*
YQGGHNAGHTLVINGEK	NH2-YQGGHNAGHTLVINGEK-COOH	*
YVDYVLGILK	NH2-YVDYVLGILK-COOH	*
ELLSIGIQPDILICR	NH2-ELLSIGIQPDILIC<Cmm*>R-COOH	*
GIAAASLAAILEAR	NH2-GIAAASLAAILEAR-COOH	*
GLDAILVPGGFGYR	NH2-GLDAILVPGGFGYR-COOH	*
LGAQQCQLVDDSLVR	NH2-LGAQQC<Cmm*>QLVDDSLVR-C	*
LIDSQDVETR	NH2-LIDSQDVETR-COOH	*

QLYNAPTIVER	NH2-QLYNAPTIVER-COOH	*
RGDYLGATVQVIPHITNAIK	NH2-RGDYLGATVQVIPHITNAIK-COOH	*
SDLGGTmR	NH2-SDLGGTM<Mox>R-COOH	*
SDLGGTMR	NH2-SDLGGTMR-COOH	*
VLDVTLLNELAVSSLTR	NH2-VLDVTLLNELAVSSLTR-COOH	*

Midlog 2nd control	Midlog 1st Exp	Midlog 2nd Exp	Midlog 3rd Exp	
	Midlog 1st Exp		Midlog 3rd Exp	*
				*
	Midlog 1st Exp			*
	Midlog 1st Exp			*
			Midlog 3rd Exp	*
	Midlog 1st Exp			*
			Midlog 3rd Exp	*
	Midlog 1st Exp			*
				*
	Midlog 1st Exp			*
				*
	Midlog 1st Exp			*
				*
				*
				*
				*
				*
	Midlog 1st Exp	Midlog 2nd Exp		*
		Midlog 2nd Exp		*
	Midlog 1st Exp	Midlog 2nd Exp		*
	Midlog 1st Exp			*
	Midlog 1st Exp			*
		Midlog 2nd Exp		*
		Midlog 2nd Exp		*
		Midlog 2nd Exp		*
	Midlog 1st Exp	Midlog 2nd Exp		*
	Midlog 1st Exp	Midlog 2nd Exp		*
	Midlog 1st Exp	Midlog 2nd Exp		*
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