Accession	Entry name	Protein Name	Peptide
P00350	6PGD_ECOLI	6-phosphogluconate deh	AAVLPANLIQAQR
P00350	6PGD_ECOLI	6-phosphogluconate deh	EAYELVAPILTK
P00350	6PGD_ECOLI	6-phosphogluconate deh	EFVESLETPR
P00350	6PGD_ECOLI	6-phosphogluconate deh	GYTVSIFNR
P00350	6PGD_ECOLI	6-phosphogluconate deh	IAAVAEDGEPCVTYIGAI
P00350	6PGD_ECOLI	6-phosphogluconate deh	IVSYAQGFSQLR
P00350	6PGD_ECOLI	6-phosphogluconate deh	VLSGPQAQPAGDKAEFI
P52697	6PGL_ECOLI	6-phosphogluconolacton	TASLITVFSVSEDGSVLSK
P52697	6PGL_ECOLI	6-phosphogluconolacton	WAADIHITPDGR
P52697	6PGL_ECOLI	6-phosphogluconolacton	YLYVGVRPEFR
P00509	AAT_ECOLI	Aspartate aminotransfer	AIWEQELTDmR
P00509	AAT_ECOLI	Aspartate aminotransfer	QLFVNTLQEK
P00509	AAT_ECOLI	Aspartate aminotransfer	SVFNSAGLEVR
P00509	AAT_ECOLI	Aspartate aminotransfer	VGACTLVAADSETVDR
P00509	AAT_ECOLI	Aspartate aminotransfer	VWVSNPSWPNHK
P24182	ACCC_ECOLI	Biotin carboxylase	IGYPVIIK
P24182	ACCC_ECOLI	Biotin carboxylase	NALQELIIDGIK
P24182	ACCC_ECOLI	Biotin carboxylase	SGFIFIGPK
P24182	ACCC_ECOLI	Biotin carboxylase	VVEEAPAPGITPELR
P0A9G6	ACEA_ECOLI	Isocitrate lyase	ADQIQWSAGIEPGDPR
P0A9G6	ACEA_ECOLI	Isocitrate lyase	AmIEAGAAAVHFEDQ
P0A9G6	ACEA_ECOLI	Isocitrate lyase	GSVNPECTLAQLGAAK
P0A9G6	ACEA_ECOLI	Isocitrate lyase	KGYINSLGALTGGQALQ
P0A9G6	ACEA_ECOLI	Isocitrate lyase	LAADVTGVPTLLVAR
P0A9G6	ACEA_ECOLI	Isocitrate lyase	LLAYNCSPSFNWQK
P0A9G6	ACEA_ECOLI	Isocitrate lyase	RADQIQWSAGIEPGDPF
P0A9G6	ACEA_ECOLI	Isocitrate lyase	TQQIEELQKEWTQPR
P0A9G6	ACEA_ECOLI	Isocitrate lyase	WEGITRPYSAEDVVK
P0A6A3	ACKA_ECOLI	Acetate kinase	EGTRPAVVIPTNEELVIA
P0A6A3	ACKA_ECOLI	Acetate kinase	ESGLLGLTEVTSDCR
P0A6A3	ACKA_ECOLI	Acetate kinase	LGVLGFEVDHER
P0A6A3	ACKA_ECOLI	Acetate kinase	LVLVLNCGSSSLK
P25516	ACON1_ECOLI	Aconitate hydratase 1	SDTYGWQEDSTYIR
P25516	ACON1_ECOLI	Aconitate hydratase 1	VLLENLLR
P25516	ACON1_ECOLI	Aconitate hydratase 1	VVIAESFER
P36683	ACON2_ECOLI	Aconitate hydratase 2	AGFLAAIAK
P36683	ACON2_ECOLI	Aconitate hydratase 2	EGIEPDQPGVVGPIK
P36683	ACON2_ECOLI	Aconitate hydratase 2	GFPLAYVGDVVGTGSSR
P36683	ACON2_ECOLI	Aconitate hydratase 2	LWVAPPTR
P36683	ACON2_ECOLI	Aconitate hydratase 2	YLNFNQLSQYTEK
P22333	ADD_ECOLI	Adenosine deaminase	mIDTTLPLTDIHR
P22333	ADD_ECOLI	Adenosine deaminase	VAFENIEDAAR
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	EGEATLAPSLDLVGKI
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	IKYAmIGDPTGALTR
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	IKYAMIGDPTGALTR
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	LGVDVYAVSTDTHFTHK
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	NFDNmREDEGLADR

P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	NGEFIEITEK
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	NGEFIEITEKDTEGR
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	WKEGEATLAPSLDLVGK
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	WKEGEATLAPSLDLVGK
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	YAmIGDPTGALTR
P0AE08	AHPC_ECOLI	Alkyl hydroperoxide redu	YAMIGDPTGALTR
P35340	AHPF_ECOLI	Alkyl hydroperoxide redu	ASLSAFDYLIR
P35340	AHPF_ECOLI	Alkyl hydroperoxide redu	GVFAAGDCTTVPYK
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	AFQELNAIDVL
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	ANEAYLQGQLGNPK
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	APVIVQFSNGGASFIAGK
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	IFDFVKPGVITGDDVQK
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	SKIFDFVKPGVITGDDVC
P0AB71	ALF_ECOLI	Fructose-bisphosphate a	VKAPVIVQFSNGGASFIA
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	<QIEEISAAFER
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AGGmGLILGR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AGGMGLILGR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AGLINSGGAAGGETDLSI
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AHELGmVTVLWAYLR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AINYGYTDDR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	AINYGYTDDRVYSK
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	CmTIPSDQLYLPGHDY
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	DGVDYHVSADLTGQAN
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	IPFLVK
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	LAGTGYLSILPVDQGVEH
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	LINAVQDVYLDSK
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	LINAVQDVYLDSKITIA
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	LTSENPIDLVR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	QIEEISAAFER
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	RAGGMGLILGR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	RQIEEISAAFER
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	TDIAQLLGK
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	TDIAQLLGKDADNLLQH
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	VmIDNNRPPAVLR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	VMIDNNRPPAVLR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	YQLANCYmGR
P0A991	ALF1_ECOLI	Fructose-bisphosphate a	YQLANCYMGR
P0A955	ALKH_ECOLI	KHG/KDPG aldolase	FCPTGGISPANYR
P0A955	ALKH_ECOLI	KHG/KDPG aldolase	TSAESILTTGPVVPVIVVK
P77425	ALLC_ECOLI	Allantoate amidohydrola	ELVATLTELCER
P77425	ALLC_ECOLI	Allantoate amidohydrola	ELVATLTELCEREK
P77425	ALLC_ECOLI	Allantoate amidohydrola	FDEVGNLYGR
P77425	ALLC_ECOLI	Allantoate amidohydrola	LLYSPEWLETQQQFK
P77425	ALLC_ECOLI	Allantoate amidohydrola	mGDPLVLTFGK
P77425	ALLC_ECOLI	Allantoate amidohydrola	MGDPLVLTFGK
P77425	ALLC_ECOLI	Allantoate amidohydrola	NIFGLANPDDVR
P77425	ALLC_ECOLI	Allantoate amidohydrola	TNITDLAEGVK
P77425	ALLC_ECOLI	Allantoate amidohydrola	VMHSGAGHDAQIFAPR

P77425	ALLC_ECOLI	Allantoate amidohydrola	VPTCmIFIPSINGISHNF
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	DISTALGLK
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	DVLSVAGPFmR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	FVSQGELVR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	GIAILQYLEK
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	LTEDRFVSQGELVR
P0ACN4	ALLR_ECOLI	HTH-type transcriptional	NGNEAVLIGQLECK
P13016	AMPD_ECOLI	1,6-anhydro-N-acetylmu	ALIDCYPDIAK
P13016	AMPD_ECOLI	1,6-anhydro-N-acetylmu	DGEIVQYVPFDKR
P13016	AMPD_ECOLI	1,6-anhydro-N-acetylmu	TDPGPAFDWAR
P0AE18	AMPM_ECOLI	Methionine aminopeptid	FVEAEGFSVVR
P0AE18	AMPM_ECOLI	Methionine aminopeptid	ITQESLYLALR
P04825	AMPN_ECOLI	Aminopeptidase N	LIEPLIR
P69503	APT_ECOLI	Adenine phosphoribosylt	QGITSYSLVPFPGH
P69503	APT_ECOLI	Adenine phosphoribosylt	SIQDYPKPGILFR
P69503	APT_ECOLI	Adenine phosphoribosylt	VLVVDDLLATGGTIEATV
P07639	AROB_ECOLI	3-dehydroquinate syntha	LILPLAIGK
P00963	ASNA_ECOLI	Aspartate--ammonia liga	DLGAVFLVGIGGK
P00963	ASNA_ECOLI	Aspartate--ammonia liga	LGLIEVQAPILSR
P00805	ASPG2_ECOLI	L-asparaginase 2	SVFDTLATAAK
Q46829	BGLA_ECOLI	6-phospho-beta-glucosid	YALCELYER
P12995	BIOA_ECOLI	Adenosylmethionine-8-a	GYLPENLFAPAPQSR
P0ABF6	CDD_ECOLI	Cytidine deaminase	ADAPLIQWDATSATLK
P0ABF6	CDD_ECOLI	Cytidine deaminase	AVLAEKADAPLIQWDAT
P0ABF6	CDD_ECOLI	Cytidine deaminase	EAHALRDYLPDAFGPK
P0ABF6	CDD_ECOLI	Cytidine deaminase	QFmNELNSGLDLR
P0ABF6	CDD_ECOLI	Cytidine deaminase	TLLmDEQDHGYALTGI
P0ABF6	CDD_ECOLI	Cytidine deaminase	TPLSNFNVGAIAR
P0A6F9	CH10_ECOLI	10 kDa chaperonin	SAGGIVLTGSAAAK
P0A6F9	CH10_ECOLI	10 kDa chaperonin	VGDIVIFNDGYGVK
P0A6F5	CH60_ECOLI	60 kDa chaperonin	AAVEEGVVAGGGVALIR
P0A6F5	CH60_ECOLI	60 kDa chaperonin	AIAQVGTISANSDETVGK
P0A6F5	CH60_ECOLI	60 kDa chaperonin	ANDAAGDGTTTATVLAC
P0A6F5	CH60_ECOLI	60 kDa chaperonin	EIELEDKFENmGAQmV
P0A6F5	CH60_ECOLI	60 kDa chaperonin	EmLPVLEAVAK
P0A6F5	CH60_ECOLI	60 kDa chaperonin	GVNVLADAVK
P0A6F5	CH60_ECOLI	60 kDa chaperonin	QIVLNCGEEPSVVANTVI
P0A6F5	CH60_ECOLI	60 kDa chaperonin	VVINKDTTTIIDGVGEEA
P0ABH7	CISY_ECOLI	Citrate synthase	GTLGQDVIDIR
P63284	CLPB_ECOLI	Chaperone protein clpB	AAGATTANITQAIEQmF
P63284	CLPB_ECOLI	Chaperone protein clpB	AIDLIDEAASSIR
P63284	CLPB_ECOLI	Chaperone protein clpB	ALANFmFDSDEAmVR
P63284	CLPB_ECOLI	Chaperone protein clpB	GELHCVGATTLDEYR
P63284	CLPB_ECOLI	Chaperone protein clpB	GYEIHISDEALK
P63284	CLPB_ECOLI	Chaperone protein clpB	LEVNEDRIVAVQ
P63284	CLPB_ECOLI	Chaperone protein clpB	LLSENGYDPVYGAR
P63284	CLPB_ECOLI	Chaperone protein clpB	LPQVEGTGGDVQPSQD
P63284	CLPB_ECOLI	Chaperone protein clpB	LVGAPPGYVGYEEGGYL

P63284	CLPB_ECOLI	Chaperone protein clpB	mSELQYGKIPELEK
P63284	CLPB_ECOLI	Chaperone protein clpB	NKVTDAEIAEVLAR
P63284	CLPB_ECOLI	Chaperone protein clpB	NNPVLIGEPGVGK
P63284	CLPB_ECOLI	Chaperone protein clpB	QEGNVILFIDELHTmVG
P63284	CLPB_ECOLI	Chaperone protein clpB	QLPDKAIDLIDEAASSIR
P63284	CLPB_ECOLI	Chaperone protein clpB	VFVAEPSVEDTIAILR
P63284	CLPB_ECOLI	Chaperone protein clpB	VIGQNEAVDAVSNAIR
P63284	CLPB_ECOLI	Chaperone protein clpB	VLALDmGALVAGAK
P63284	CLPB_ECOLI	Chaperone protein clpB	VLALDMGALVAGAK
P63284	CLPB_ECOLI	Chaperone protein clpB	VTDAEIAEVLAR
P0ACJ8	CRP_ECOLI	Catabolite gene activato	IAQTLLNLAK
P0ACJ8	CRP_ECOLI	Catabolite gene activato	VGNLAFLDVTGR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	ALGANLVLTEGAK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	GAIQKAEEIVASNPEK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	GVLKPGVELVEPTSGNT
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IFEDNSLTIGHTPLVR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IGANmIWDAEK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IGANmIWDAEKR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IGANMIWDAEK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IGANMIWDAEKR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	IQGIGAGFIPANLDLK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	LmEEEGILAGISSGAAV
P0ABK5	CYSK_ECOLI	Cysteine synthase A	LMEEEGILAGISSGAAVA
P0ABK5	CYSK_ECOLI	Cysteine synthase A	LTLTmPETmSIER
P0ABK5	CYSK_ECOLI	Cysteine synthase A	LVDKVIGITNEEAISTAR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	NIVVILPSSGER
P0ABK5	CYSK_ECOLI	Cysteine synthase A	RLmEEEGILAGISSGAA
P0ABK5	CYSK_ECOLI	Cysteine synthase A	RLMEEEGILAGISSGAAV
P0ABK5	CYSK_ECOLI	Cysteine synthase A	SKIFEDNSLTIGHTPLVR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	VIGITNEEAISTAR
P0ABK5	CYSK_ECOLI	Cysteine synthase A	YLLLQQFSNPANPEIHEK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	YLSTALFADLFTEK
P0ABK5	CYSK_ECOLI	Cysteine synthase A	YLSTALFADLFTEKELQQ
P22255	CYSQ_ECOLI	3'(2'),5'-bisphosphate nu	ESFLNPGFR
P22255	CYSQ_ECOLI	3'(2'),5'-bisphosphate nu	NAGDAImQVYDGTKP
P0A6L2	DAPA_ECOLI	Dihydrodipicolinate synt	ELGLVATDTLR
P0A6L2	DAPA_ECOLI	Dihydrodipicolinate synt	IPVIAGTGANATAEAISLT
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridir	EAVNQVIALLDSGALR
P0A9D8	DAPD_ECOLI	2,3,4,5-tetrahydropyridir	VGINELLR
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-	AALESTLAAITESLK
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-	EGDAVQLVGFGTFK
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-	IAAANVPAFVSGK
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-	TQLIDVIAEKAELSK
P0ACF0	DBHA_ECOLI	DNA-binding protein HU-	TQLIDVIAEK
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-	ALDAIIASVTESLK
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-	EGDDVALVGFGTFAVK
P0ACF4	DBHB_ECOLI	DNA-binding protein HU-	SQLIDKIAAGADISK
P69908	DCEA_ECOLI	Glutamate decarboxylas	LKDGEDPGYTLYDLSER

P69908	DCEA_ECOLI	Glutamate decarboxylas	QNLATFCQTWDDENVH
P69908	DCEA_ECOLI	Glutamate decarboxylas	VQNASYQVAAYLADEIA
P69908	DCEA_ECOLI	Glutamate decarboxylas	YWDVELR
P0AED9	DCM_ECOLI	DNA-cytosine methyltrar	FIDLFAGIGGIR
P0AED9	DCM_ECOLI	DNA-cytosine methyltrar	IVLVGFR
P0AED9	DCM_ECOLI	DNA-cytosine methyltrar	QFGNSVVVPVFAAVAK
P0A6J8	DDLA_ECOLI	D-alanine--D-alanine liga	FDVVLLGIDK
P0A6J8	DDLA_ECOLI	D-alanine--D-alanine liga	LIELALER
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box pr	ALLFVENR
P0A9P6	DEAD_ECOLI	Cold-shock DEAD box pr	GVNVVALYGGQR
P0A6K3	DEF_ECOLI	Peptide deformylase	LVLINPELLEK
P0C0V0	DEGP_ECOLI	Protease do	SDIALIQIQNPK
P0A6K6	DEOB_ECOLI	Phosphopentomutase	ATGLDALFDATIK
P0A6K6	DEOB_ECOLI	Phosphopentomutase	DVAGYAAGLELFDR
P0A6K6	DEOB_ECOLI	Phosphopentomutase	EHIPVLVYGPK
P0A6K6	DEOB_ECOLI	Phosphopentomutase	ETFADIGQTLAK
P0A6K6	DEOB_ECOLI	Phosphopentomutase	GPLNLPNLTR
P0A6K6	DEOB_ECOLI	Phosphopentomutase	KGPLNLPNLTR
P0A6K6	DEOB_ECOLI	Phosphopentomutase	TGNRHDLAVEPPAPTVL
P0A6K6	DEOB_ECOLI	Phosphopentomutase	YFGTSDmEYGK
P0A6K6	DEOB_ECOLI	Phosphopentomutase	YFGTSDMEYGK
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	AAIAYGADEVDVVFPYR
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	ALmAGNEQVGFDLVK
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	FGASSLLASLLK
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	IATVTNFPHGNDDIDIAL
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	LmDLTTLNDDDTDEK\
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	TPVGNTAAICIYPR
P0A6L0	DEOC_ECOLI	Deoxyribose-phosphate a	VIIETGELKDEALIR
P0ABP8	DEOD_ECOLI	Purine nucleoside phosp	IALESVLLGDKE
P0ABP8	DEOD_ECOLI	Purine nucleoside phosp	YIAETFLEDAR
P0ABP8	DEOD_ECOLI	Purine nucleoside phosp	YIAETFLEDAREVNNVR
P76015	DHAK_ECOLI	PTS-dependent dihydrox	LINDVQDVLDEQLAGLA
P76015	DHAK_ECOLI	PTS-dependent dihydrox	LVGAAAERGDSLDACAE
P76015	DHAK_ECOLI	PTS-dependent dihydrox	NYTGDILNFETATELLHD
P76015	DHAK_ECOLI	PTS-dependent dihydrox	VIALVNNLGATPLSELYG
P76015	DHAK_ECOLI	PTS-dependent dihydrox	VTTVVIDDDVAVK
P76015	DHAK_ECOLI	PTS-dependent dihydrox	VTTVVIDDDVAVKDSLYT
P37349	DHAM_ECOLI	PTS-dependent dihydrox	GICLSAGSPVSHSALIAR
P37349	DHAM_ECOLI	PTS-dependent dihydrox	GPEAEEALIAFR
P0ABS1	DKSA_ECOLI	DnaK suppressor protein	AAQEEEFSLELR
P0ABS1	DKSA_ECOLI	DnaK suppressor protein	KVEDEDFGYCESCGVEIC
P0ABS1	DKSA_ECOLI	DnaK suppressor protein	TVTHmQDEAANFPDP
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	AGVEVDDRGFIR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	ALAEHGIVFGEPK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	APAEPQRYDAVLVAIGR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	CADLGLETVIVER
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	EDGIYVTMEGK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge	EKGISYETATFPWAASGF

P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge EKVINQLTGGLAGmAK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge EKVINQLTGGLAGMAK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge FNLmLETK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge FNLMLETK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge FTGANTLEVEGENGK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge GISYETATFPWAASGR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge GVHEGHVAAEVIAGK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge IWDSTDALELK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge IWDSTDALELKEVPER
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge KAPAEPQRYDAVLVAIG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge KFNLmLETK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge KFNLMLETK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge LIFDKESHR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge PIQLPFIPHEDPR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge STEIKTQVVVLGAGPAG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge TDIDKIR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge TNVPHIFAIGDIVGQPm
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge TNVPHIFAIGDIVGQPM
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge TQVVVLGAGPAGYSAA
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge TVINFDNAIIAAGSR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VINQLTGGLAGmAK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VINQLTGGLAGMAK
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VIPSIAYTEPEVAWVGLT
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VIPSIAYTEPEVAWVGLT
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VTAVEAKEDGIYVTmEG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VTAVEAKEDGIYVTmEG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VTAVEAKEDGIYVTMEG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge VTAVEAKEDGIYVTMEG
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge YDAVLVAIGR
P0A9P0	DLDH_ECOLI	Dihydrolipoyl dehydroge YNTLGGVCLNVGCIPSK
P0AEE8	DMA_ECOLI	DNA adenine methylase AVLFLYLNR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK <QAVTNPQNTLFAIK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK <QAVTNPQNTLFAIKR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK AADNKSLGQFNLDGINP
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK AKIELSSAQQTDVNLPYI
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK AKLESLVEDLVNR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK ASSGLNEDEIQK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK DAEANAEADRKFEELVQ
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK DDDVVDAEFEEVK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK DQGIDLR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK DVSImPFK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK DVSIMPFK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK FQDEEVQR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK FQDEEVQRDVSImPFK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK FQDEEVQRDVSIMPFK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK GKIIGIDLGTTNSCVAIm
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK HSQVFSTAEDNQSAVTI

P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IAGLEVKR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IELSSAQQTDVNLPYITAI
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IIAADNGDAWVEVK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IIGIDLGTTNSCVAIMDG
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IINEPTAAALAYGLDK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK IINEPTAAALAYGLDKGT
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK KDVNPDEAVAIGAAVQ(
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK KFEELVQTR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK KTAEDYLGEPVTEAVITV
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK LESLVEDLVNR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK LINYLVEEFK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK LINYLVEEFKK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK LINYLVEEFKKDQGIDLR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK mAPPQISAEVLK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK mAPPQISAEVLKK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK mQELAQVSQK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK MAPPQISAEVLK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK MAPPQISAEVLKK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK NDPLAMQR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK QAVTNPQNTLFAIK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK QAVTNPQNTLFAIKR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK RFQDEEVQR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK RIINEPTAAALAYGLDK
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK RIINEPTAAALAYGLDKG
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK SLGQFNLDGINPAPR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK TAEDYLGEPVTEAVITVP
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK TFEVLATNGDTHLGGED
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK TTPSIIAYTQDGETLVGQ
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK TTPSIIAYTQDGETLVGQ
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK VAEFFGKEPR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK VALQDAGLSVSDIDDVIL
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK VLENAEGDR
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK VLENAEGDRTTPSIIAYT(
P0A6Y8	DNAK_ECOLI	Chaperone protein dnaK VLENAEGDRTTPSIIAYT(
P0A988	DPO3B_ECOLI	DNA polymerase III subu AHVGDFIFTSK
P0A988	DPO3B_ECOLI	DNA polymerase III subu EHLLKPLQQVSGPLGGR
P0A988	DPO3B_ECOLI	DNA polymerase III subu FFDICR
P0A988	DPO3B_ECOLI	DNA polymerase III subu GLPEGAEIAVQLEGER
P0A988	DPO3B_ECOLI	DNA polymerase III subu GVIELMR
P0A988	DPO3B_ECOLI	DNA polymerase III subu HLEAGCDLLK
P0A988	DPO3B_ECOLI	DNA polymerase III subu KFFDICR
P0A988	DPO3B_ECOLI	DNA polymerase III subu KGVIELmR
P0A988	DPO3B_ECOLI	DNA polymerase III subu KGVIELMR
P0A988	DPO3B_ECOLI	DNA polymerase III subu LAVCSmPIGQSLPSHSV
P0A988	DPO3B_ECOLI	DNA polymerase III subu LAVCSMPIGQSLPSHSVI
P0A988	DPO3B_ECOLI	DNA polymerase III subu LIEATQFSmAHQDVR
P0A988	DPO3B_ECOLI	DNA polymerase III subu LIEATQFSMAHQDVR
P0A988	DPO3B_ECOLI	DNA polymerase III subu LYVSENQLK

P0A988	DPO3B_ECOLI	DNA polymerase III subu	mLDGGDNPLR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	mmLTDSVSSVQIEDA/
P0A988	DPO3B_ECOLI	DNA polymerase III subu	mmLTDSVSSVQIEDA/
P0A988	DPO3B_ECOLI	DNA polymerase III subu	mMLTDSVSSVQIEDA/
P0A988	DPO3B_ECOLI	DNA polymerase III subu	MLDGGDNPLR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	MMLTDSVSSVQIEDAAS
P0A988	DPO3B_ECOLI	DNA polymerase III subu	NPDKHLEAGCDLLK
P0A988	DPO3B_ECOLI	DNA polymerase III subu	RLIEATQFSMAHQDVR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	VALVQPHEPGATTVPAR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	VQIGSNNIR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	YYLNGmLFETEGEELR
P0A988	DPO3B_ECOLI	DNA polymerase III subu	YYLNGMLFETEGEELR
P0ABT2	DPS_ECOLI	DNA protection during st	AIGEAKDDDTADILTAAS
P0ABT2	DPS_ECOLI	DNA protection during st	AVQLGGVALGTTQVINS
P0ABT2	DPS_ECOLI	DNA protection during st	ELADRYAIVANDVR
P0ABT2	DPS_ECOLI	DNA protection during st	GANFIAVHEmLDGFR
P0ABT2	DPS_ECOLI	DNA protection during st	GANFIAVHEMLDGFR
P0ABT2	DPS_ECOLI	DNA protection during st	KAIGEAKDDDTADILTAA
P0ABT2	DPS_ECOLI	DNA protection during st	QVIQFIDLSLITK
P0ABT2	DPS_ECOLI	DNA protection during st	TALIDHLDTMAER
P23827	ECOT_ECOLI	Ecotin	FVTAYLGDAGmLR
P23827	ECOT_ECOLI	Ecotin	FVTAYLGDAGMLR
P23827	ECOT_ECOLI	Ecotin	KFVTAYLGDAGmLR
P23827	ECOT_ECOLI	Ecotin	LPIVVYTPDNVDVK
P0A6M8	EFG_ECOLI	Elongation factor G	AGDIAAAIGLK
P0A6M8	EFG_ECOLI	Elongation factor G	AGPLAGYPVVDmGIR
P0A6M8	EFG_ECOLI	Elongation factor G	AGPLAGYPVVDMGIR
P0A6M8	EFG_ECOLI	Elongation factor G	AKPVLLEPIMK
P0A6M8	EFG_ECOLI	Elongation factor G	ASYTmEFLKYDEAPSN
P0A6M8	EFG_ECOLI	Elongation factor G	ASYTMEFLKYDEAPSNV/
P0A6M8	EFG_ECOLI	Elongation factor G	DVTTGDTLCDPDAPIILE
P0A6M8	EFG_ECOLI	Elongation factor G	EFNVEANVGKPQVAYR
P0A6M8	EFG_ECOLI	Elongation factor G	GGVIPGEYIPAVDK
P0A6M8	EFG_ECOLI	Elongation factor G	GITITSAATTAFWSGmA
P0A6M8	EFG_ECOLI	Elongation factor G	GITITSAATTAFWSGMA
P0A6M8	EFG_ECOLI	Elongation factor G	GQYGHVVIDmYPLEPG
P0A6M8	EFG_ECOLI	Elongation factor G	GYEFINDIK
P0A6M8	EFG_ECOLI	Elongation factor G	HASDDEPFSALAFK
P0A6M8	EFG_ECOLI	Elongation factor G	IATDPFVGNLTFFR
P0A6M8	EFG_ECOLI	Elongation factor G	IGEVHDGAATmDWmE
P0A6M8	EFG_ECOLI	Elongation factor G	IGEVHDGAATmDWME
P0A6M8	EFG_ECOLI	Elongation factor G	IGEVHDGAATMDWmE
P0A6M8	EFG_ECOLI	Elongation factor G	IHAEVPLSEmFGYATQL
P0A6M8	EFG_ECOLI	Elongation factor G	IHAEVPLSEMFGYATQL
P0A6M8	EFG_ECOLI	Elongation factor G	ILFYTGVNHK
P0A6M8	EFG_ECOLI	Elongation factor G	INIIDTPGHVDFTIEVER
P0A6M8	EFG_ECOLI	Elongation factor G	LGANPVPLQLAIGAEEH

P0A6M8	EFG_ECOLI	Elongation factor G	LHFGSYHDVDSSELAFK
P0A6M8	EFG_ECOLI	Elongation factor G	mEFPEPVISIAVEPK
P0A6M8	EFG_ECOLI	Elongation factor G	MEFPEPVISIAVEPK
P0A6M8	EFG_ECOLI	Elongation factor G	VEVETPEENTGDVIGDLS
P0A6M8	EFG_ECOLI	Elongation factor G	VLNNEIILVTCGSAFK
P0A6M8	EFG_ECOLI	Elongation factor G	VYSGVVNSGDTVLNSVK
P0A6M8	EFG_ECOLI	Elongation factor G	YDEAPSNVAQAVIEAR
P0A6M8	EFG_ECOLI	Elongation factor G	YLGGEELTEAEIK
P0A6M8	EFG_ECOLI	Elongation factor G	YLGGEELTEAEIKGALR
P0A6N4	EFP_ECOLI	Elongation factor P	VPLFVQIGEVIK
P0A6N8	EFPL_ECOLI	Elongation factor P-like p	FKGDDIVDTVTLTR
P0A6P1	EFTS_ECOLI	Elongation factor Ts	DAGFQAFADK
P0A6P1	EFTS_ECOLI	Elongation factor Ts	DAGFQAFADKVLDAAV/
P0A6P1	EFTS_ECOLI	Elongation factor Ts	FEVGEGIEKVETDFAAEV
P0A6P1	EFTS_ECOLI	Elongation factor Ts	FTGEVSLTGQPFVmEPS
P0A6P1	EFTS_ECOLI	Elongation factor Ts	VAALEGDVLGSYQHGAF
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	<QVGVPYIIVFLNK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	AFDQIDNAPEEK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	AGENVGVLLR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	AIDKPFLLPIEDVFSISGR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	ALEGDAEWEAK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	EHILLGR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	ELLSQYDFPGDDTPIVR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	FESEVYILSK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	FESEVYILSKDEGGR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	GIIKVGEEVEIVGIK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	GITINTSHVEYDTPTR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	GYRPQFYFR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	ILELAGFLDSYIPEPER
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	mVVTLIHPIAmDDGLF
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	mVVTLIHPIAMDDGLF
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	MVVTLIHPIAmDDGLR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	MVVTLIHPIAMDDGLR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	NmITGAAQmDGAILV
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	NmITGAAQmDGAILV
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	QVGVPYIIVFLNK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	STCTGVEMFR
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	TTDVTGTIELPEGVEmV
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	TTLTAAITTVLAK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	VGEEVEIVGIK
P0CE47	EFTU1_ECOLI	Elongation factor Tu 1	VGEEVEIVGIKETQK
P0A6P7	ENGB_ECOLI	Probable GTP-binding pr	HLPSDTGIEVAFAGR
P0A6P7	ENGB_ECOLI	Probable GTP-binding pr	TQLINLFEVADGKR
P0A6P9	ENO_ECOLI	Enolase	AFTSEEFTHFLEELTK
P0A6P9	ENO_ECOLI	Enolase	AVAAVNGPIAQALIGK
P0A6P9	ENO_ECOLI	Enolase	AVAAVNGPIAQALIGKD
P0A6P9	ENO_ECOLI	Enolase	DAGYTAVISHR
P0A6P9	ENO_ECOLI	Enolase	DQAGIDKImIDLDGTEN

P0A6P9	ENO_ECOLI	Enolase	FGANAILAVSLANAKAA
P0A6P9	ENO_ECOLI	Enolase	FGANAILAVSLANAK
P0A6P9	ENO_ECOLI	Enolase	FNQIGSLTETLAAIK
P0A6P9	ENO_ECOLI	Enolase	GIANSILIK
P0A6P9	ENO_ECOLI	Enolase	GmNTAVGDEGGYAPN
P0A6P9	ENO_ECOLI	Enolase	GNPTVEAEVHLEGGFVG
P0A6P9	ENO_ECOLI	Enolase	IMIDLDGTENK
P0A6P9	ENO_ECOLI	Enolase	IQLVGDDLFVTNTK
P0A6P9	ENO_ECOLI	Enolase	SGETEDATIADLAVGTAA
P0A6P9	ENO_ECOLI	Enolase	SKFGANAILAVSLANAK
P0A6P9	ENO_ECOLI	Enolase	VLGDKIQLVGDDLFVTN
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl	GPQLPAPNmLmmDR
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl	GPQLPAPNmLmMDR
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl	LImGLADGEVLVDGR
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl	LIMGLADGEVLVDGR
P0A6Q3	FABA_ECOLI	3-hydroxydecanoyl-[acyl	VGLFQDTSAF
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-p	FQVFGADAmR
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-p	FQVFGADAMR
P0A953	FABB_ECOLI	3-oxoacyl-[acyl-carrier-p	SGITFSQELK
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier	ACEEAAEGQVVSPVNFN
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier	QLYNPVQWTK
P0AAI9	FABD_ECOLI	Malonyl CoA-acyl carrier	TWQTQPALLTASVALYR
P0AAI5	FABF_ECOLI	3-oxoacyl-[acyl-carrier-p	ASTPLGVGGFGAAR
P0AAI5	FABF_ECOLI	3-oxoacyl-[acyl-carrier-p	IIAYGDADVmVAGGAE
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-p	AEFGEVDILVNNAGITR
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-p	GITVNVVAPGFIETDMTI
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-p	GLmLNVTDPASIESVLE
P0AEK2	FABG_ECOLI	3-oxoacyl-[acyl-carrier-p	GLMLNVTDPASIESVLEK
P0A6R0	FABH_ECOLI	3-oxoacyl-[acyl-carrier-p	IIGTGSYLPEQVR
P04128	FIMA1_ECOLI	Type-1 fimbrial protein,	AAVAFLGTAIDAGHTNV
P04128	FIMA1_ECOLI	Type-1 fimbrial protein,	YFATGAATPGAANADAT
P08189	FIMF_ECOLI	Protein fimF	ILLSPCGNAVSAVK
P08189	FIMF_ECOLI	Protein fimF	QFNNIGATTPVVPFR
P08191	FIMH_ECOLI	Protein fimH	AGSLIAVLILR
P08191	FIMH_ECOLI	Protein fimH	GSAYGGVLSNFSGTVK
P08191	FIMH_ECOLI	Protein fimH	YSGSSYPFPTTSETPR
P0A6R3	FIS_ECOLI	DNA-binding protein fis	AALMMGINR
P0A6R3	FIS_ECOLI	DNA-binding protein fis	VNSDVLTVSTVNSQDQV
P45523	FKBA_ECOLI	FKBP-type peptidyl-proly	LDGVIPGWTEGLK
P45523	FKBA_ECOLI	FKBP-type peptidyl-proly	LSDQEIEQTLQAFEAR
P45523	FKBA_ECOLI	FKBP-type peptidyl-proly	SAYALGASLGR
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptid	EGVNSTESGLQFR
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptid	LIDGTVFDSSVAR
P0A9L3	FKBB_ECOLI	FKBP-type 22 kDa peptid	WELTIPQELAYGER
P61949	FLAV_ECOLI	Flavodoxin-1	AITGIFFGSDTGNTENIAI
P61949	FLAV_ECOLI	Flavodoxin-1	GATIVGHWPTAGYHFEA
P61949	FLAV_ECOLI	Flavodoxin-1	GLADDDHFVGLAIDEDR
P61949	FLAV_ECOLI	Flavodoxin-1	QISEELHLDEILNA

P23882	FMT_ECOLI	Methionyl-tRNA formy	IIFAGTPDFAAR
P0AC16	FOLB_ECOLI	Dihydroneopterin aldola	VAEEVAELLLAR
P0AEN1	FRE_ECOLI	NAD(P)H-flavin reductas	SILLTALAR
P0AEN1	FRE_ECOLI	NAD(P)H-flavin reductas	VTSVEAITDTVYR
P0AAP3	FRMR_ECOLI	Transcriptional repressor	AILQQIAAVR
P0AAP3	FRMR_ECOLI	Transcriptional repressor	EVSQSVDDTIELVR
P0A998	FTNA_ECOLI	Ferritin-1	LFDYLTDTGNLPR
P0A998	FTNA_ECOLI	Ferritin-1	SGEGLYFIDK
P0A998	FTNA_ECOLI	Ferritin-1	SGEGLYFIDKELSTLDTQI
P0A998	FTNA_ECOLI	Ferritin-1	SIIDKLSLAGK
P0A9A6	FTSZ_ECOLI	Cell division protein ftsZ	mAFAEQGITELSK
P0AC33	FUMA_ECOLI	Fumarate hydratase clas	VAPEALTLLAR
P14407	FUMB_ECOLI	Fumarate hydratase clas	DVQLEQELLEEAQK
P0AC33	FUMB_ECOLI	Fumarate hydratase clas	EILAQLSQYPVSTR
P0AC33	FUMB_ECOLI	Fumarate hydratase clas	GVLPTCQDTGTAIIVGK
P0AC33	FUMB_ECOLI	Fumarate hydratase clas	GVYNTYIEDNLR
P14407	FUMB_ECOLI	Fumarate hydratase clas	LASAHYYDELPTEGNEH(
P14407	FUMB_ECOLI	Fumarate hydratase clas	YSQNAALDMYK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	AGIALNDNFVK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	FDGTVEVKDGHLIVNGK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	GANFDKYAGQDIVSNAS
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	GASQNIIPSSTGAAK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	LVSWYDNETGYSNK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	VINDNFGIIEGLmTTVH/
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	VINDNFGIIEGLMTTVHA
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	VLDLIAHISK
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	VPTPNVSVVDLTVR
P0A9B2	G3P1_ECOLI	Glyceraldehyde-3-phosp	VPTPNVSVVDLTVRLEK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	FSATFDDQmLVDYSK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	FSATFDDQMLVDYSK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	KVNPETTLFLVASK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	LLSNFFAQTEALAFGK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	NINPTQTAAWQALQK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	SNTPILVDGKDVmPEVN
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	TFSEAIISGEWK
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	VFEGNRPTNSILLR
P0A6T1	G6PI_ECOLI	Glucose-6-phosphate iso	VNPETTLFLVASK
P0AEP3	GALU_ECOLI	UTP--glucose-1-phospha	ADVAPSNLAIVGR
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosp	IQSGELSAIPHQLImDK
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosp	TAYWELVR
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosp	TGFNDSLLDIR
P0C8J8	GATZ_ECOLI	D-tagatose-1,6-bisphosp	VGPALTFALR
P75913	GHRA_ECOLI	Glyoxylate/hydroxypyru	AVFALGAGVDSILSK
P75913	GHRA_ECOLI	Glyoxylate/hydroxypyru	LPDGAYLLNLAR
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	AmLAAEQHVVTPALEI
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	AMLAAEQHVVTPALER
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	DAGLVVEIAPFGGECSQI
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	FLQEWE

P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	FVLGFAQSTVEK
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	GIAETAQCGAILGIGGGK
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	LGEYLKPLAER
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	LLAAGIGDALATWFEAR
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	SFKDAGLVVEIAPFGGEC
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	WLVVGDKFVLGFAQST\
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	YIQGADVINR
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	YLLLPNNPNmVIVDTK
P0A9S5	GLDA_ECOLI	Glycerol dehydrogenase	YLLLPNNPNMVIVDTK
P0A6V8	GLK_ECOLI	Glucokinase	LALCDIASGEISQAK
P0A6V8	GLK_ECOLI	Glucokinase	VLSGPGLVNLYR
P17169	GLMS_ECOLI	Glucosamine--fructose-6	DVAEILLEGLR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	AGGVFTDEAIDAYIALR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	AGGVFTDEAIDAYIALRR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	AINALANPTTNSYK
P0A9C5	GLNA_ECOLI	Glutamine synthetase	CDILEPGTLQGYDRDPR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	FGSSISGSHVAIDDIEGA\
P0A9C5	GLNA_ECOLI	Glutamine synthetase	GGYFPVPPVDSAQDIR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	LVPGYEAPVmLAYSAR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	LVPGYEAPVMLAYSAR
P0A9C5	GLNA_ECOLI	Glutamine synthetase	mFDGSSIGGWK
P0A9C5	GLNA_ECOLI	Glutamine synthetase	mTPHPVEFELYYSV
P0A9C5	GLNA_ECOLI	Glutamine synthetase	MFDGSSIGGWK
P0A9C5	GLNA_ECOLI	Glutamine synthetase	SAEHVLTmLNEHEVK
P0A9C5	GLNA_ECOLI	Glutamine synthetase	SAEHVLTMLNEHEVK
P0A9C5	GLNA_ECOLI	Glutamine synthetase	YAGLSEQALYYIGGVIK
P0AEQ3	GLNH_ECOLI	Glutamine-binding perip	ADAVLHDTPNILYFIK
P0AEQ3	GLNH_ECOLI	Glutamine-binding perip	AVGDSLEAQQYGIAFPK
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosp	GLVNATGPWVK
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosp	LVLANAQMVVR
P13035	GLPD_ECOLI	Aerobic glycerol-3-phosp	VSQWLVEYTQQR
P0AC59	GLRX2_ECOLI	Glutaredoxin-2	NLTLVAGINWPSR
P0AC59	GLRX2_ECOLI	Glutaredoxin-2	SAFDEFSTPAAR
P0AC69	GLRX4_ECOLI	Glutaredoxin-4	FAYVDILQNPDIR
P0AC69	GLRX4_ECOLI	Glutaredoxin-4	QIAENPILLYMK
P0A825	GLYA_ECOLI	Serine hydroxymethyltra	AmVEVFLER
P63224	GMHA_ECOLI	Phosphoheptose isomer	AAVLLADSFK
P63224	GMHA_ECOLI	Phosphoheptose isomer	EGDVLLGISTSGNSANVI
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	ELPLTESLALTIDR
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	FTGWYDVDLSEK
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	FTGWYDVDLSEKGVSEA
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	GFAVTPPELTK
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	LSEKELPLTESLALTIDR
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	VIPYWNETILPR
P62707	GPMA_ECOLI	2,3-bisphosphoglycerate	YYLGNADEIAAK
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate	AFFANPVLTGAVDK
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate	AFVNADFDGFAR
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate	IYLHAFLDGR

P37689	GPMI_ECOLI	2,3-bisphosphoglycerate	VATYDLQPEMSSAELTE
P37689	GPMI_ECOLI	2,3-bisphosphoglycerate	VATYDLQPEMSSAELTEI
P68066	GRCA_ECOLI	Autonomous glycyl radic	AANDDLLNSFWLLDSEK
P68066	GRCA_ECOLI	Autonomous glycyl radic	AGYAEDEVVAVSK
P68066	GRCA_ECOLI	Autonomous glycyl radic	EVPVEVKPEVR
P68066	GRCA_ECOLI	Autonomous glycyl radic	LGDIEYR
P68066	GRCA_ECOLI	Autonomous glycyl radic	LGDIEYREVPVEVKPEVR
P68066	GRCA_ECOLI	Autonomous glycyl radic	VEGGQHLNVNVLR
P09372	GRPE_ECOLI	Protein grpE	ALEVADKANPDmSAmV
P09372	GRPE_ECOLI	Protein grpE	ANPDmSAmVEGIELTL
P09372	GRPE_ECOLI	Protein grpE	DEKVANLEAQLAEAQTR
P09372	GRPE_ECOLI	Protein grpE	FINELLPVIDSLDR
P09372	GRPE_ECOLI	Protein grpE	VANLEAQLAEAQTR
P23893	GSA_ECOLI	Glutamate-1-semialdehy	AFTGVGGTPLFIEK
P23893	GSA_ECOLI	Glutamate-1-semialdehy	ELIPGGVNSPVR
P23893	GSA_ECOLI	Glutamate-1-semialdehy	GLSFGAPTEmEVK
P23893	GSA_ECOLI	Glutamate-1-semialdehy	IIGGGmPVGAFGGR
P23893	GSA_ECOLI	Glutamate-1-semialdehy	IIGGGMPVGAFGGR
P23893	GSA_ECOLI	Glutamate-1-semialdehy	YTLTCTYNDLASVR
P0A6W9	GSH1_ECOLI	Glutamate--cysteine liga	VNADGTLATTGHPEALG
P06715	GSHR_ECOLI	Glutathione reductase	FNWETLIASR
P0A9D2	GST_ECOLI	Glutathione S-transferas	mAERPEVQDALSAEG
P0A9D2	GST_ECOLI	Glutathione S-transferas	QLLAPVNSISR
P33012	GYRI_ECOLI	DNA gyrase inhibitory pr	EWVAVYYDNPDETPAEI
P33012	GYRI_ECOLI	DNA gyrase inhibitory pr	TVAGFHLVGPWEQTVK
P31658	HCHA_ECOLI	Chaperone protein hchA	ILVIAADER
P31658	HCHA_ECOLI	Chaperone protein hchA	KLLTGDSPFAANALGK
P31658	HCHA_ECOLI	Chaperone protein hchA	LLTGDSPFAANALGK
P31658	HCHA_ECOLI	Chaperone protein hchA	mGmNIINDDITGR
P31658	HCHA_ECOLI	Chaperone protein hchA	mGMNIINDDITGR
P31658	HCHA_ECOLI	Chaperone protein hchA	MGmNIINDDITGR
P0A6X3	HFQ_ECOLI	Protein hfq	AKGQSLQDPFLNALR
P0A6X3	HFQ_ECOLI	Protein hfq	ERVPVSIYLVNGIK
P0A6X3	HFQ_ECOLI	Protein hfq	GQSLQDPFLNALR
P0A6X3	HFQ_ECOLI	Protein hfq	LQGQIESFDQFVILLK
P0A6X3	HFQ_ECOLI	Protein hfq	VPVSIYLVNGIK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	<QILPEANSQIVGFR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	AESFQAVADATLAYHK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	AESFQAVADATLAYHKK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	ALNDKGITDILVVDNLK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	ALNDKGITDILVVDNLKD
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	EIPFLYASSAATYGGR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	ELLHYCLER
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	EYEKPLNVYGYSK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	FLFDEYVR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GITDILVVDNLK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GITDILVVDNLKDGTK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GQIEYIPFPDK

P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GQIEYIPFPDKLK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GRYQAFTQADLTNLR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GSmASVAFHLNTQLN
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	GSMASVAFHLNTQLNN
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	KGQIEYIPFPDK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	KGQIEYIPFPDKLK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	LFEGSENFK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	LFEGSENFKR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	mIIVTGGAGFIGSNIVK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	MIIVTGGAGFIGSNIVK
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	QILPEANSQIVGFR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	TSDFIESR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	TVAEGVTEYmAWLNR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	TVAEGVTEYmAWLNR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	TVAEGVTEYMAWLNR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	TVAEGVTEYMAWLNRD
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	YFNVYGPR
P67910	HLDD_ECOLI	ADP-L-glycero-D-manno-	YQAFTQADLTNLR
P43329	HRPA_ECOLI	ATP-dependent RNA heli	ELVIALIK
P43329	HRPA_ECOLI	ATP-dependent RNA heli	IIITSATIDPER
P43329	HRPA_ECOLI	ATP-dependent RNA heli	LLLLNIPSPIK
P43329	HRPA_ECOLI	ATP-dependent RNA heli	LPIEPISQASANQR
P43329	HRPA_ECOLI	ATP-dependent RNA heli	LTFTALQQR
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin	LYHEEEVTVYDPQDVEF
P0A6Y5	HSLO_ECOLI	33 kDa chaperonin	YLFENFAVR
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	ALSNPDLYEGDGELR
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	ALSNPDLYEGDGELRVR
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	EGPAEDFANQEAIAK
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	FASTHTDSSAQTVSLEDY
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	GTLEDPNLFIR
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	IYYITADSYAAAK
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	VDESLEKLADEVDESAKE
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	YSDHIALPVEIEK
P0A6Z3	HTPG_ECOLI	Chaperone protein htpG	YSDHIALPVEIEKR
P08200	IDH_ECOLI	Isocitrate dehydrogenas	EEFGGELIDGGPWLK
P08200	IDH_ECOLI	Isocitrate dehydrogenas	VAIKGPLTTPVGGGIR
P0A707	IF3_ECOLI	Translation initiation fact	<QMIMVLAPK
P0A707	IF3_ECOLI	Translation initiation fact	AEEAGVDLVEISPNAEPF
P0A707	IF3_ECOLI	Translation initiation fact	EALEKAEEAGVDLVEISP
P0A707	IF3_ECOLI	Translation initiation fact	FRPGTDEGDYQVK
P0A707	IF3_ECOLI	Translation initiation fact	LTGLEGEQLGIVSLR
P0A707	IF3_ECOLI	Translation initiation fact	QmIMVLAPK
P0A707	IF3_ECOLI	Translation initiation fact	QMImVLAPK
P0A707	IF3_ECOLI	Translation initiation fact	QMIMVLAPK
P0A707	IF3_ECOLI	Translation initiation fact	VKDDLQELAVVESFPTK
P0A707	IF3_ECOLI	Translation initiation fact	VKDDLQELAVVESFPTKI
P0A6X7	IHFA_ECOLI	Integration host factor su	AEmSEYLFDK
P0A6X7	IHFA_ECOLI	Integration host factor su	AEmSEYLFDKLGLSK

P0A6X7	IHFA_ECOLI	Integration host factor su	AEMSEYLFDK
P0A6X7	IHFA_ECOLI	Integration host factor su	AEMSEYLFDKLGLSK
P0A6X7	IHFA_ECOLI	Integration host factor su	ELVELFFEEIR
P0A6X7	IHFA_ECOLI	Integration host factor su	ELVELFFEEIRR
P0A6X7	IHFA_ECOLI	Integration host factor su	LSGFGNFDLR
P0A6X7	IHFA_ECOLI	Integration host factor su	TGEDIPITAR
P0A6Y1	IHFB_ECOLI	Integration host factor su	GFGSFSLHYR
P0A6Y1	IHFB_ECOLI	Integration host factor su	TVEDAVKEmLEHmAST
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphata	AEIVASFER
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphata	EYDHIKDVNDLPELLK
P0A7A9	IPYR_ECOLI	Inorganic pyrophosphata	VEGWENAEAAKAEIVAS
P0AAC8	ISCA_ECOLI	Iron-binding protein iscA	FTNPNVKDECGCGESFH
P0AAC8	ISCA_ECOLI	Iron-binding protein iscA	SLQFLDGTQLDFVK
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	ALGLNDELAHSSIR
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	EGFEVTYLAPQR
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	EIVFTSGATESDNLAIK
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	FGWQAEEAVDIAR
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	NQIADLVGADPR
P0A6B7	ISCS_ECOLI	Cysteine desulfurase	SGTLPVHQIVGmGEAYI
Q46893	ISPD_ECOLI	2-C-methyl-D-erythritol 4	VTRPEDLALAEFYLTR
P69441	KAD_ECOLI	Adenylate kinase	IILLGAPGAGK
P69441	KAD_ECOLI	Adenylate kinase	LVTDELVIALVK
P69441	KAD_ECOLI	Adenylate kinase	YGIPQISTGDmLR
P04951	KDSB_ECOLI	3-deoxy-manno-octulosc	IHVAVAQEVPGTGVDTP
P04951	KDSB_ECOLI	3-deoxy-manno-octulosc	SFVVIIPAR
P0ABZ4	KDSC_ECOLI	3-deoxy-D-manno-octulc	LIAFSDLLEK
P0ABZ4	KDSC_ECOLI	3-deoxy-D-manno-octulc	VGLSVAVADAHPLLIPR
P60546	KGUA_ECOLI	Guanylate kinase	SSLIQALLK
P0AD61	KPYK1_ECOLI	Pyruvate kinase I	EITSTDDFYR
P0AD61	KPYK1_ECOLI	Pyruvate kinase I	GAVETAEKLDAPLIVVAT
P0AD61	KPYK1_ECOLI	Pyruvate kinase I	GDLGVEIPVEEVIFAQK
P0AD61	KPYK1_ECOLI	Pyruvate kinase I	TAAILLDTKGPEIR
P21599	KPYK2_ECOLI	Pyruvate kinase II	ISSGLPIFAmSR
P21599	KPYK2_ECOLI	Pyruvate kinase II	TLNLTALYR
P60716	LIPA_ECOLI	Lipoyl synthase	ALDILTATPPDVFNHNLE
P60716	LIPA_ECOLI	Lipoyl synthase	DGGAQHFADCITAIR
P60716	LIPA_ECOLI	Lipoyl synthase	IETLVPDFR
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyri	NPYLTYAR
P21645	LPXD_ECOLI	UDP-3-O-[3-hydroxymyri	VIIGDRVEIGACTTIDR
P45578	LUXS_ECOLI	S-ribosylhomocysteine ly	PLLDSFTVDHTR
P45578	LUXS_ECOLI	S-ribosylhomocysteine ly	TmNTPHGDAITVFDLF
P0AEX9	MALE_ECOLI	Maltose-binding periplas	AGLTFLVDLIK
P0AEX9	MALE_ECOLI	Maltose-binding periplas	FGGYAQSGLLAEITPDK
P0AEX9	MALE_ECOLI	Maltose-binding periplas	LYPFTWDAVR
P0AEX9	MALE_ECOLI	Maltose-binding periplas	TWEEIPALDKELK
P0AEX9	MALE_ECOLI	Maltose-binding periplas	VNYGVTVLPTFK
P15977	MALQ_ECOLI	4-alpha-glucanotransfera	GYWECGDLTLGK
P00946	MANA_ECOLI	Mannose-6-phosphate is	FGELPFLFK

P00946	MANA_ECOLI	Mannose-6-phosphate is	LINSVQNYAWGSK
P00946	MANA_ECOLI	Mannose-6-phosphate is	SALDSQQGEPWQTIR
P00946	MANA_ECOLI	Mannose-6-phosphate is	YIDIPELVANVK
P08997	MASY_ECOLI	Malate synthase A	DAVNGTISYTNEAGK
P08997	MASY_ECOLI	Malate synthase A	EQDAPITADQLLAPCDG
P08997	MASY_ECOLI	Malate synthase A	GSGPYFYLPK
P08997	MASY_ECOLI	Malate synthase A	IYQLKPNPAVLICR
P08997	MASY_ECOLI	Malate synthase A	LmEQITTSDELIDFLTLF
P08997	MASY_ECOLI	Malate synthase A	QAVTmDKPFLNAYSR
P08997	MASY_ECOLI	Malate synthase A	QAVTMDKPFLNAYSR
P08997	MASY_ECOLI	Malate synthase A	QmLGEEmKVIASELGE
P08997	MASY_ECOLI	Malate synthase A	RVEITGPVER
P08997	MASY_ECOLI	Malate synthase A	TEQATTTDELAFTRPYGE
P08997	MASY_ECOLI	Malate synthase A	VFmADFEDSLAPDWN
P08997	MASY_ECOLI	Malate synthase A	VFMADFEDSLAPDWNK
P08997	MASY_ECOLI	Malate synthase A	VIASELGEER
P08997	MASY_ECOLI	Malate synthase A	VIDGQINLR
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large cha	LNLVQSIITR
P0ACD8	MBHL_ECOLI	Hydrogenase-1 large cha	mAIPEQPLEILR
P0AEY5	MDAB_ECOLI	Modulator of drug activit	YIDDVFTEGHGTLYASDC
P61889	MDH_ECOLI	Malate dehydrogenase	ACIGIITNPVNTTVAIAAE
P61889	MDH_ECOLI	Malate dehydrogenase	ALQGEQGVVECAYVEGI
P61889	MDH_ECOLI	Malate dehydrogenase	DIALGEEFVNK
P61889	MDH_ECOLI	Malate dehydrogenase	FFSQPLLLGK
P61889	MDH_ECOLI	Malate dehydrogenase	GFSGEDATPALEGADVV
P61889	MDH_ECOLI	Malate dehydrogenase	LFGVTTLDIIR
P61889	MDH_ECOLI	Malate dehydrogenase	SDLFNVNAGIVK
P0A817	METK_ECOLI	S-adenosylmethionine sy	FFINPTGR
P0A817	METK_ECOLI	S-adenosylmethionine sy	VPSEQLTLLVR
P0AEI1	MIAB_ECOLI	(Dimethylallyl)adenosine	WKLLKEK
P0AEZ3	MIND_ECOLI	Septum site-determining	IKLVGVIPEDQSVLR
P0AEZ3	MIND_ECOLI	Septum site-determining	LVGVIPEDQSVLR
P0AEZ3	MIND_ECOLI	Septum site-determining	TENLYILPASQTR
P0A734	MINE_ECOLI	Cell division topological s	ALLDFFLSR
P0A734	MINE_ECOLI	Cell division topological s	KNTANIAK
P0AEZ9	MOAB_ECOLI	Molybdenum cofactor bi	SQVSTEFIPTR
P0AEZ9	MOAB_ECOLI	Molybdenum cofactor bi	TAWENIIAPQLDAR
P0AEZ9	MOAB_ECOLI	Molybdenum cofactor bi	TLIFAmPGSTK
P12281	MOEA_ECOLI	Molybdopterin molybdei	LADIASGQPLPVAGK
P37773	MPL_ECOLI	UDP-N-acetylmuramate:	IIAVLEPR
P37773	MPL_ECOLI	UDP-N-acetylmuramate:	IIWPENDINLK
P0ACR9	MPRA_ECOLI	Transcriptional repressor	HEDFPYQEILLTR
P0ACR9	MPRA_ECOLI	Transcriptional repressor	mDSSFTPIEQmLK
P0A9X4	MREB_ECOLI	Rod shape-determining p	VLVCVPVGATQVER
P0A744	MSRA_ECOLI	Peptide methionine sulfc	HLVSPADALPGR
P0A744	MSRA_ECOLI	Peptide methionine sulfc	SAIYPLTPEQDAAAR
P18843	NADE_ECOLI	NH(3)-dependent NAD(+	SLVLGISGGQDSTLAGK
P18843	NADE_ECOLI	NH(3)-dependent NAD(+	YGDGGTDINPLYR

P38489	NFNB_ECOLI	Oxygen-insensitive NAD(SRLPQNITLTEV
P63020	NFUA_ECOLI	Fe/S biogenesis protein r LLANQEEGTQIR
P63020	NFUA_ECOLI	Fe/S biogenesis protein r QLLNEFPELK
P63020	NFUA_ECOLI	Fe/S biogenesis protein r VEYmLQSQINPQLAGH
P63020	NFUA_ECOLI	Fe/S biogenesis protein r VEYMLQSQINPQLAGHC
P0AF63	NSRR_ECOLI	HTH-type transcriptional mTSISEVTDVYGVSR
P0AFF6	NUSA_ECOLI	Transcription elongation IEVPEIGEEVIEIK
P0A780	NUSB_ECOLI	N utilization substance p VAINEAIELAK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase Ac-SERFPNDVDPIETR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase <QIGIYSPNGQQYTPQ
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase <QTVYAFLGDGEMDE
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase ALNVmLK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase ALNVMLK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase AQYLIDQLLAEAR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase AQYLIDQLLAEARK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase ARNEQDGGDLVYFQGH
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase ATVILAHTIK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DLELGGHmASFQSSAT
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DRFNVPVSDADIEK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DRFNVPVSDADIEKLPYI
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DRLVPIIADEAR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DWLQAIESVIR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DWLQAIESVIREEGVER
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase DYGVGSDVYSVTSFTELA
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EAAEILAK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EHFFGKYPETAALVADW
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EISTTIAFVR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EKLDNLVFVINCNLQR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EQVAYYK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase EQVAYYKEDEK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase FNIDADKVNPR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase FNVPVSDADIEK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase FNVPVSDADIEKLPYITFF
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase FPNDVDPIETR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GAITIATR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GFLIGGTSGR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GGVNVAAGTGISNYINT
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GIYKLETIEGSK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GKATVILAHTIK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GKVQLLGSGSILR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase GYGMGDAAEGK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase HHFEVDASYVVVAALGE
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase IGDLCWAAGDQQAR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase IINELEGIFEGAGWNVIK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase KGGVNVAAGTGISNYIN
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase KGGVNVAAGTGISNYIN
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase KGIYKLETIEGSK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase KIYAAFK

P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LDNLVFVINCNLQR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LELPSLQDFGALLEEQSK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LETIEGSK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LFAEQVR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LIQLmNETVDGDYQTF
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LIQLMNETVDGDYQTFK
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LmPEFWQFPTVSmGL
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LmPEFWQFPTVSMGL
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LMPEFWQFPTVSmGLG
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LPYITFPEGSEEHTYLHAC
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LTQEQLDNFR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase LVPIIADEAR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase NEQDGGDLVYFQGHISF
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QENVYYYITTLNENYHm
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QENVYYYITTLNENYHM
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QIGIYSPNGQQYTPQDR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QIGIYSPNGQQYTPQDR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QPNFTEKLELPSLQDFGA
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QTVYAFLGDGEmDEPE
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase QTVYAFLGDGEMDEPES
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase SERFPNDVDPIETR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase TFGmEGLFR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase TFGMEGLFR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase TYVPADDYR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VLGTDGFGR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VPYIAQVmNDAPAVAS
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VPYIAQVmNDAPAVAS
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VPYIAQVMNDAPAVAST
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VPYIAQVMNDAPAVAST
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase VQLLGSGSILR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase WDELLR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase WNAImTVLR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase WNAIMTVLR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase WNmLHPLETPR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase WNMLHPLETPR
P0AFG8	ODP1_ECOLI	Pyruvate dehydrogenase YPETAALVADWTDEQIV
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid <QEAAPAAAPAPAAG
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AEAAPAATGGGIPGmLF
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AEAAPAATGGGIPGMLF
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AEAPAAAPAAK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AEGKSEFAENDAYVHAT
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AEGKSEFAENDAYVHAT
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AIEIKVPDIGADEVEITEIL
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AVAAALEQmPR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid AVAAALEQMPR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid DVNVPDIGSDEVEVTEIL
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid EAAPAAAPAAAAAK

P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid EFGVNLAK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid EVNVPDIGGDEVEVTEV
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid EVNVPDIGGDEVEVTEV
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid FGEIEEVELGR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid FITIINNTLSDIR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid FITIINNTLSDIRR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid FNSSLSEDGQR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid ILREDVQAYVK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid ISGANLSR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid ITPVVFImK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid ITPVVFIMK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid KGIIELSR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid KLDVKITPVVFImK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid KLDVKITPVVFIMK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid KYINIGVAVDTPNGLVVF
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid KYINIGVAVDTPNGLVVF
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid LmLPISLSFDHR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid LMLPISLSFDHR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid QEAAPAAAPAPAAGVK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid RAEAAPAATGGGIPGmI
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid RAEAAPAATGGGIPGMI
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SAmEPVWNGK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SAmEPVWNGKEFVPR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SAMEPVWNGK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SAMEPVWNGKEFVPR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SEFAENDAYVHATPLIR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid SEFAENDAYVHATPLIRR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TDITELEAFR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TDITELEAFRK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TGSLImIFEVEGAAPAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TGSLImIFEVEGAAPAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TGSLIMIFEVEGAAPAAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TGSLIMIFEVEGAAPAAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TQTGALImIFDSADGAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TQTGALIMIFDSADGAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid TQTGALIMIFDSADGAA
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VDFSKFGEIEEVELGR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VIDGADGAR
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VNVGDKVSTGSLImVFE
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VNVGDKVSTGSLIMVFE
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VPDIGADEVEITEILVK
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VSTGSLImVFEVAGEAC
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VSTGSLIMVFEVAGEAG
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VSVGDKTQTGALImIFD
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VSVGDKTQTGALIMIFD
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid VSVGDKTQTGALIMIFD
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid YINIGVAVDTPNGLVVP

P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid	YINIGVAVDTPNGLVVP\
P06959	ODP2_ECOLI	Dihydrolipoyllysine-resid	YINIGVAVDTPNGLVVP\
P0AA16	OMPR_ECOLI	Transcriptional regulator	YLTEQGFQVR
P27298	OPDA_ECOLI	Oligopeptidase A	ETGQSFLDNILSR
P27298	OPDA_ECOLI	Oligopeptidase A	FEEEGIFNR
P27298	OPDA_ECOLI	Oligopeptidase A	NYQAALFILR
P27298	OPDA_ECOLI	Oligopeptidase A	QLEFGLFDFR
P23843	OPPA_ECOLI	Periplasmic oligopeptide	AQGNmPAYGYTPPYTI
P23843	OPPA_ECOLI	Periplasmic oligopeptide	SPAFDSImAETLK
P23843	OPPA_ECOLI	Periplasmic oligopeptide	SPAFDSIMAETLK
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC	AEITLDYQLK
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC	AEITLDYQLKS
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC	GKGTVSTESGVLNQQPY
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC	GTVSTESGVLNQQPYGF
P0C0L2	OSMC_ECOLI	Peroxiredoxin osmC	IALKSEVAVPGIDASTFD(
P31677	OTSA_ECOLI	Alpha,alpha-trehalose-pl	TEVYPIGIEPK
P31663	PANC_ECOLI	Pantothenate synthetase	AVILVAAWLGDAR
P31663	PANC_ECOLI	Pantothenate synthetase	mLIIETLPLLR
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	DTFWWADKGK
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	EAEPEIYNAIR
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	GVLTNLGAVAVDTGIFT(
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	LFIDNFDKYTDTPAGAAL
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	LFVVDAFCGANPDTR
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	mQLIGGTWYGGEmKI
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	NDNKPLSPETWQHLK
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	VIFLTADAFGVLPPVSR
P22259	PCKA_ECOLI	Phosphoenolpyruvate ca	VSYPIYHIDNIVKPVSK
P15288	PEPD_ECOLI	Aminoacyl-histidine dipe	EAVPAGFETFK
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase	ADGIGSLLPAAR
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase	ALQLGIEASNINPK
P21165	PEPQ_ECOLI	Xaa-Pro dipeptidase	GNIGYIGPVPER
P29745	PEPT_ECOLI	Peptidase T	FLNYVSLDTQSK
P29745	PEPT_ECOLI	Peptidase T	GVmVNALSLAAR
P0A9N4	PFLA_ECOLI	Pyruvate formate-lyase 1	IELLPYHELGK
P0A9N4	PFLA_ECOLI	Pyruvate formate-lyase 1	YVVVPGWSDDDDSAHR
P09373	PFLB_ECOLI	Formate acetyltransferas	EmLLDAmENPEKYPQ
P09373	PFLB_ECOLI	Formate acetyltransferas	ITEQEAQEmVDHLVmK
P09373	PFLB_ECOLI	Formate acetyltransferas	IVGLQTEAPLKR
P09373	PFLB_ECOLI	Formate acetyltransferas	LATAWEGFTK
P09373	PFLB_ECOLI	Formate acetyltransferas	QMQFFGAR
P09373	PFLB_ECOLI	Formate acetyltransferas	SEPIKGDVLNYDEVmER
P09373	PFLB_ECOLI	Formate acetyltransferas	SGVLTGLPDAYGR
P09373	PFLB_ECOLI	Formate acetyltransferas	TSTFLDVYIER
P09373	PFLB_ECOLI	Formate acetyltransferas	VALYGIDYLMK
P09373	PFLB_ECOLI	Formate acetyltransferas	VDDLAVDLVER
P0A799	PGK_ECOLI	Phosphoglycerate kinase	ASLPTIELALK
P0A799	PGK_ECOLI	Phosphoglycerate kinase	FADVACAGPLLAAELDA
P0A799	PGK_ECOLI	Phosphoglycerate kinase	IADQLIVGGGIANTFIAA(

P0A799	PGK_ECOLI	Phosphoglycerate kinase	ISYISTGGGAFLEFVEGK
P0A799	PGK_ECOLI	Phosphoglycerate kinase	LLTTCNIPVPSDVR
P0A799	PGK_ECOLI	Phosphoglycerate kinase	LTVLDSLSK
P0A799	PGK_ECOLI	Phosphoglycerate kinase	SLYEADLVDEAK
P0A799	PGK_ECOLI	Phosphoglycerate kinase	SLYEADLVDEAKR
P0A799	PGK_ECOLI	Phosphoglycerate kinase	TILWNGPVGVFEFPNFR
P0A799	PGK_ECOLI	Phosphoglycerate kinase	VATEFSETAPATLK
P0A799	PGK_ECOLI	Phosphoglycerate kinase	VLPAVAmLEER
P0A799	PGK_ECOLI	Phosphoglycerate kinase	VLPAVAMLEER
P0A799	PGK_ECOLI	Phosphoglycerate kinase	YAALCDVFVmDAFGTA
P0A799	PGK_ECOLI	Phosphoglycerate kinase	YAALCDVFVMDAFGTAI
P36938	PGM_ECOLI	Phosphoglucomutase	ANALLADGLK
P23836	PHOP_ECOLI	Transcriptional regulator	SNDVSLPILVLTAR
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	FNDGDFLR
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	LIPAADISEQISTAGK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	LWQATHAHPFDLTK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	NIIFAINK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	QCNPALAALLDK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	SNYPWFR
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	TFAYTNHTLmPEALER
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	TGIEINPQAIFDIQIK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	VADVINNDPLVGDK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	VADVINNDPLVGDKLK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	VGEENIFIFGHTVEQVK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	VVFLPDYCVSAAEK
P00490	PHSM_ECOLI	Maltodextrin phosphoryl	YGLNSAAEMTPR
P05055	PNP_ECOLI	Polyribonucleotide nucle	AAVAGIAMGLVK
P05055	PNP_ECOLI	Polyribonucleotide nucle	AKPGQDFFPLTVNYQER
P05055	PNP_ECOLI	Polyribonucleotide nucle	ALTEETGTTIEIEDDGTVK
P05055	PNP_ECOLI	Polyribonucleotide nucle	DAQVLDELmGER
P05055	PNP_ECOLI	Polyribonucleotide nucle	EIMQVALNQAK
P05055	PNP_ECOLI	Polyribonucleotide nucle	GDISEFAPR
P05055	PNP_ECOLI	Polyribonucleotide nucle	GETQALVTATLGTAR
P05055	PNP_ECOLI	Polyribonucleotide nucle	IVDFGAFVAIGGGK
P05055	PNP_ECOLI	Polyribonucleotide nucle	LHILGVmEQAINAPR
P05055	PNP_ECOLI	Polyribonucleotide nucle	RIEEITAEIEVGR
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans i	EGFYNNTIFHR
P23869	PPIB_ECOLI	Peptidyl-prolyl cis-trans i	VINGFmIQGGGFEPGn
P45577	PROQ_ECOLI	ProP effector	AGQNAmDATVLEITK
P45577	PROQ_ECOLI	ProP effector	EEQHTPVSDISALTVGQA
P45577	PROQ_ECOLI	ProP effector	EVIAFLAER
P45577	PROQ_ECOLI	ProP effector	IGIFQDLVDR
P45577	PROQ_ECOLI	ProP effector	LYTSSWR
P45577	PROQ_ECOLI	ProP effector	VDLDGNPCGELDEQHVI
P45577	PROQ_ECOLI	ProP effector	VQLNSGmSLIVR
P45577	PROQ_ECOLI	ProP effector	VQLNSGMSLIVR
P23830	PSS_ECOLI	CDP-diacylglycerol--serin	DAAYHFQGDADNDQLS
P23830	PSS_ECOLI	CDP-diacylglycerol--serin	DLQSIADYPVK

P23830	PSS_ECOLI	CDP-diacylglycerol--serin	IGAAASNTNADWYCR
P23830	PSS_ECOLI	CDP-diacylglycerol--serin	LDLENAILIHDPQLELAPC
P23830	PSS_ECOLI	CDP-diacylglycerol--serin	LQYYVNTDQLVVR
P23830	PSS_ECOLI	CDP-diacylglycerol--serin	TANDFYIPEDEPFK
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	ALLLKEDEIVIDR
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	DALPTEEEQFAAYK
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	EENPFLGWR
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	mISGILASPGIAFGK
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	SLELPAIVGTGSVTSQVK
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	VLAEQALAQPTTDELmT
P08839	PT1_ECOLI	Phosphoenolpyruvate-pr	VLGFITDAGGR
P69783	PTGA_ECOLI	Glucose-specific phosph	LSGSVTVGETPVIR
P69783	PTGA_ECOLI	Glucose-specific phosph	VGDTVIEFDLPLLEEK
P69783	PTGA_ECOLI	Glucose-specific phosph	VKVGDTVIEFDLPLLEEK
P69797	PTNAB_ECOLI	PTS system mannose-spe	IIVVSDEVAADTVR
P69829	PTSN_ECOLI	Nitrogen regulatory prot	ALEIISELAAK
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	AVQLNSLSGFCLTK
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	EVTTTPLAADDWK
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	GNNVVVLGTQWGDEGI
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	GNNVVVLGTQWGDEGI
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	IVDLLTER
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	SGLPQAALNYIK
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	TGWLDTVAVR
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	TVLHLIPSGILR
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	VGDLFDKETFAEK
P0A7D4	PURA_ECOLI	Adenylosuccinate synthe	YVDYVLGILK
P0A7E5	PYRG_ECOLI	CTP synthase	GLDAILVPGGFGYR
P28304	QOR1_ECOLI	Quinone oxidoreductase	AIGINFIDTYIR
P02925	RBSB_ECOLI	D-ribose-binding periplas	ILLINPTDSDAVGNAVK
P02925	RBSB_ECOLI	D-ribose-binding periplas	LAATIAQLPDQIGAK
P07012	RF2_ECOLI	Peptide chain release fac	ISGDYAYGWLR
P0A7I4	RF3_ECOLI	Peptide chain release f	VLLFGQAIQTAGTVK
P0AG30	RHO_ECOLI	Transcription terminatio	DVIILLDSITR
P0AG30	RHO_ECOLI	Transcription terminatio	KQDIIFAILK
P0AG30	RHO_ECOLI	Transcription terminatio	QDIIFAILK
P0AG30	RHO_ECOLI	Transcription terminatio	VLDLASPIGR
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	ANLVPHF
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	AVDGEmITVTVEGK
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	AVDGEmITVTVEGKDE
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	AVDGEMITVTVEGK
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	AVDGEMITVTVEGKDEV
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	DEVFALSNIQK
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	FVGEEVTLVLR
P0A8A8	RIMP_ECOLI	Ribosome maturation fac	PLFTAEHYAR
P0A7L0	RL1_ECOLI	50S ribosomal protein L1	AAGAELVGmEDLADQI
P0A7L0	RL1_ECOLI	50S ribosomal protein L1	AAGAELVGMEDLADQIK
P0A7L0	RL1_ECOLI	50S ribosomal protein L1	QYDINEAIALLK
P0A7L0	RL1_ECOLI	50S ribosomal protein L1	VAVFTQGANAEAAK

P0A7L0	RL1_ECOLI	50S ribosomal protein L1	VVGQLGQVLGPR
P0A7J7	RL11_ECOLI	50S ribosomal protein L1	GLPIPVVITVYADR
P0ADY3	RL14_ECOLI	50S ribosomal protein L1	FDGNACVLLNNNSEQPI
P0ADY3	RL14_ECOLI	50S ribosomal protein L1	YAGVGDIIK
P02413	RL15_ECOLI	50S ribosomal protein L1	VEGGVVDLNTLK
P02413	RL15_ECOLI	50S ribosomal protein L1	VILAGEVTTPVTVR
P0ADY7	RL16_ECOLI	50S ribosomal protein L1	GLAQGTDVSFGSFGLK
P0AG44	RL17_ECOLI	50S ribosomal protein L1	VVEPLITLAK
P60422	RL2_ECOLI	50S ribosomal protein L2	SAGTYVQIVAR
P60422	RL2_ECOLI	50S ribosomal protein L2	SANIALVLYK
P0A7L3	RL20_ECOLI	50S ribosomal protein L2	ILADIAVFDK
P0A7L3	RL20_ECOLI	50S ribosomal protein L2	VAFQAVIK
P0A7L3	RL20_ECOLI	50S ribosomal protein L2	VAFTALVEK
P0AG48	RL21_ECOLI	50S ribosomal protein	IGVPFVDGGVIK
P60624	RL24_ECOLI	50S ribosomal protein L2	EAAIQVSNVAIFNAATGI
P60624	RL24_ECOLI	50S ribosomal protein L2	VIVEGINLVK
P60723	RL4_ECOLI	50S ribosomal protein L4	DAQSALTVSETTFGR
P60723	RL4_ECOLI	50S ribosomal protein L4	DATGIDPVSLIAFDK
P60723	RL4_ECOLI	50S ribosomal protein L4	DFNEALVHQVVVAYAAC
P75876	RLMI_ECOLI	Ribosomal RNA large sub	DVQFIEQFR
P21338	RNI_ECOLI	Ribonuclease I	FGCATRPIPNLPEAR
P21338	RNI_ECOLI	Ribonuclease I	FIFNAER
P21338	RNI_ECOLI	Ribonuclease I	FYEAVMSSHAR
P21338	RNI_ECOLI	Ribonuclease I	mCSSPETGLSLETAAK
P21338	RNI_ECOLI	Ribonuclease I	MCSSPETGLSLETAAK
P21499	RNR_ECOLI	Ribonuclease R	DFDDAVYCEK
P21499	RNR_ECOLI	Ribonuclease R	DGQLVFTR
P21499	RNR_ECOLI	Ribonuclease R	DGYGFLR
P21499	RNR_ECOLI	Ribonuclease R	DLPLVTIDGEDAR
P21499	RNR_ECOLI	Ribonuclease R	DLPLVTIDGEDARDFDD/
P21499	RNR_ECOLI	Ribonuclease R	DYAELLESVADRPDAEm
P21499	RNR_ECOLI	Ribonuclease R	EFILEHLTK
P21499	RNR_ECOLI	Ribonuclease R	EFILEHLTKR
P21499	RNR_ECOLI	Ribonuclease R	GGISFESEEAK
P21499	RNR_ECOLI	Ribonuclease R	GHFGLALQSYAHFTSPIR
P21499	RNR_ECOLI	Ribonuclease R	GVISSVTGFGFFVR
P21499	RNR_ECOLI	Ribonuclease R	IHDKPSTEAITSFR
P21499	RNR_ECOLI	Ribonuclease R	IVEVLGDNmGTGmAVI
P21499	RNR_ECOLI	Ribonuclease R	IVEVLGDNmGTGMAV
P21499	RNR_ECOLI	Ribonuclease R	IVEVLGDNMGTGmAVD
P21499	RNR_ECOLI	Ribonuclease R	IVEVLGDNMGTGMAVD
P21499	RNR_ECOLI	Ribonuclease R	KIDFSLISSER
P21499	RNR_ECOLI	Ribonuclease R	KVNFEPDSAFRGEK
P21499	RNR_ECOLI	Ribonuclease R	LDDLFIDGLVHVSSLDND
P21499	RNR_ECOLI	Ribonuclease R	LIEECmILANISAAR
P21499	RNR_ECOLI	Ribonuclease R	LIEECMILANISAAR
P21499	RNR_ECOLI	Ribonuclease R	LSFDILIPPDQIMGAR
P21499	RNR_ECOLI	Ribonuclease R	LWVAIADVSYYVRPSTPI

P21499	RNR_ECOLI	Ribonuclease R	mGFVVVVELTQRPTR
P21499	RNR_ECOLI	Ribonuclease R	MGFVVVVELTQRPTR
P21499	RNR_ECOLI	Ribonuclease R	QAIYDPENR
P21499	RNR_ECOLI	Ribonuclease R	SVLAELGLELPGGNKPEP
P21499	RNR_ECOLI	Ribonuclease R	TCIHGDQVLAQPLGADR
P21499	RNR_ECOLI	Ribonuclease R	THEIPYIWPQAVEQQVA
P21499	RNR_ECOLI	Ribonuclease R	VNFEPDSAFR
P21499	RNR_ECOLI	Ribonuclease R	VNFEPDSAFRGEK
P21499	RNR_ECOLI	Ribonuclease R	VWHILQGDQDLR
P21499	RNR_ECOLI	Ribonuclease R	VWHILQGDQDLREQYA
P21499	RNR_ECOLI	Ribonuclease R	YFTEAGVGFVVPDDSR
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polyn	AATILAEQLEAFVDLR
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polyn	AEAIHYIGDLVQR
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polyn	LLVDACYSPVER
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polyn	SLTEIKDVLASR
P0A7Z4	RPOA_ECOLI	DNA-directed RNA polyn	VTLEPLER
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	ALEIEEmQLK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	ALEIEEMQLK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	AVAVDSGVTAVAK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	AVLVAGGVEAEK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	AYDLGADVR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	FIEQDPEGQYGLEAAFR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	GGVVQYVDASR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	GmPIATPVFDGAK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	GMPIATPVFDGAK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	ISALGPGGLTR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	ITQGDDLAPGVLK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	KLPATIILR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LGDLPTSGQIR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LGEPVFDVQECQIR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LGPEEITADIPNVGEAAL
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LIEVPVEYIAGK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LPATIILR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	LSALVEIYR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	MNIGQILETHLGmAAK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	QKVDLSTFSDEEVMR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	STGSYSLVTQQPLGGK
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	SVFPIQSYSGNSELQYVS
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	SVGEmAENQFR
P0A8V2	RPOB_ECOLI	DNA-directed RNA polyn	SVGEMAENQFR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	AILWmIVPK
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	AILWMIVPK
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	EGLNVLQYFISTHGAR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	FATSDLNDLYR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	FTDmIDGQTITR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	FTDMIDGQTITR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	GLMAKPDGSIIETPITAN
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn	GLPYSIVNQALGK

P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn IALASPDMIR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn IGLLLDmPLRDIER
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn LGIQAFEPVLIEGK
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn LIDEFGR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn LLDLAAPDIIVR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn LVITPVDGSDPYEEmIPK
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P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn MGAEAIQALLK
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn QLNVFEGER
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn SVITVGPYLR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn SWSFGEVK
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn VADLFEAR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn VIDIWAAANDR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn VTAEDVLKPGTADILVPR
P0A8T7	RPOC_ECOLI	DNA-directed RNA polyn YIVNEVQDVYR
P0A805	RRF_ECOLI	Ribosome-recycling factc AImASDLGLNPNSAGS
P0A805	RRF_ECOLI	Ribosome-recycling factc ASPSLLDGIVVEYYGTPTI
P0A805	RRF_ECOLI	Ribosome-recycling factc IEAALADKEAELmQF
P0A805	RRF_ECOLI	Ribosome-recycling factc KIEAALADKEAELmQF
P0A805	RRF_ECOLI	Ribosome-recycling factc VPLPPLTEER
P0AG67	RS1_ECOLI	30S ribosomal protein S1 <QLAEDPFNNWVALN
P0AG67	RS1_ECOLI	30S ribosomal protein S1 <QLAEDPFNNWVALN
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P0AG67	RS1_ECOLI	30S ribosomal protein S1 ANPWQQFAETHNK
P0AG67	RS1_ECOLI	30S ribosomal protein S1 ANPWQQFAETHNKGDI
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P0AG67	RS1_ECOLI	30S ribosomal protein S1 DTLHLEGKELEFK
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P0A7R5	RS10_ECOLI	30S ribosomal protein S1	FTVLISPHVNK
P0A7R5	RS10_ECOLI	30S ribosomal protein S1	FTVLISPHVNKDAR
P0A7R5	RS10_ECOLI	30S ribosomal protein S1	GPIPLPTR
P0A7R5	RS10_ECOLI	30S ribosomal protein S1	GPIPLPTRK
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P0A7V0	RS2_ECOLI	30S ribosomal protein S2	AVTLYLGAVAATVREGR
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P0A7V0	RS2_ECOLI	30S ribosomal protein S2	ILFVGTK
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P0A7U7	RS20_ECOLI	30S ribosomal protein S2	VYAAIEAGDKAAAQK
P0A7U7	RS20_ECOLI	30S ribosomal protein S2	VYAAIEAGDK
P68679	RS21_ECOLI	30S ribosomal protein S2	AGVLAEVR
P68679	RS21_ECOLI	30S ribosomal protein S2	EFYEKPTTER
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P0A7V8	RS4_ECOLI	30S ribosomal protein S4 LSDYGVQLR
P0A7V8	RS4_ECOLI	30S ribosomal protein S4 REGTDLFLK
P0A7V8	RS4_ECOLI	30S ribosomal protein S4 RIYGVLER
P0A7V8	RS4_ECOLI	30S ribosomal protein S4 SDLSADINEHLIVELYSK
P0A7V8	RS4_ECOLI	30S ribosomal protein S4 VKAALELAEQR
P0A7V8	RS4_ECOLI	30S ribosomal protein S4 VVNIASYQVSPNDVVSIF
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENmNSPEmVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENmNSPEmVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENmNSPEMVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENmNSPEMVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENMNSPEmVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENMNSPEMVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 ATIDGLENMNSPEMVA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 AVLEVAGVHNVLAKAYG
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 AYGSTNPINVVR
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 IFSFTALTVVGDGNGR
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 IFSFTALTVVGDGNGRV(
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 NmINVALNNGTLQHP
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 NMINVALNNGTLQHPV
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 RNMINVALNNGTLQHP'
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 SVEEILGK
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 TVKGGRIFSFTALTVVGD
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 VFmQPASEGTGIIAGG
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 VFmQPASEGTGIIAGG
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 VFMQPASEGTGIIAGGA
P0A7W1	RS5_ECOLI	30S ribosomal protein S5 VFMQPASEGTGIIAGGA

P02358	RS6_ECOLI	30S ribosomal protein S6 AHYVLmNVEAPQEVID
P02358	RS6_ECOLI	30S ribosomal protein S6 AHYVLMNVEAPQEVIDE
P02358	RS6_ECOLI	30S ribosomal protein S6 FNDAVIR
P02358	RS6_ECOLI	30S ribosomal protein S6 HAVTEASPmVK
P02358	RS6_ECOLI	30S ribosomal protein S6 HAVTEASPMVK
P02358	RS6_ECOLI	30S ribosomal protein S6 HYEIVFMVHPDQSEQVF
P02358	RS6_ECOLI	30S ribosomal protein S6 RQLAYPINK
P02358	RS6_ECOLI	30S ribosomal protein S6 YTAAITGAEGK
P02359	RS7_ECOLI	30S ribosomal protein S7 <QPALGYLN
P02359	RS7_ECOLI	30S ribosomal protein S7 FGSELLAK
P02359	RS7_ECOLI	30S ribosomal protein S7 FVNILmVDGK
P02359	RS7_ECOLI	30S ribosomal protein S7 FVNILmVDGKK
P02359	RS7_ECOLI	30S ribosomal protein S7 FVNILMVDGK
P02359	RS7_ECOLI	30S ribosomal protein S7 FVNILMVDGKK
P02359	RS7_ECOLI	30S ribosomal protein S7 KSTAESIVYSALETLAQR
P02359	RS7_ECOLI	30S ribosomal protein S7 LANELSDAAENK
P02359	RS7_ECOLI	30S ribosomal protein S7 LANELSDAAENKGTAVK
P02359	RS7_ECOLI	30S ribosomal protein S7 QPALGYLN
P02359	RS7_ECOLI	30S ribosomal protein S7 SELEAFEVALENVRPTVE
P02359	RS7_ECOLI	30S ribosomal protein S7 SGKSELEAFEVALENVRP
P02359	RS7_ECOLI	30S ribosomal protein S7 STAESIVYSALETLAQR
P02359	RS7_ECOLI	30S ribosomal protein S7 VGGSTYQVPVEVR
P02359	RS7_ECOLI	30S ribosomal protein S7 VGGSTYQVPVEVRPVR
P02359	RS7_ECOLI	30S ribosomal protein S7 VGGSTYQVPVEVRPVRR
P02359	RS7_ECOLI	30S ribosomal protein S7 WIVEAAR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 <QAGLGGEIICYVA
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 AVVESIQR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 EEGFIEDFKVEGDTKPEL
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 KDELPKVmAGLGIAVV
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 KDELPKVMAGLGIAVVS
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 LKVAIANVLK
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 QAGLGGEIICYVA
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 SmQDPIADmLTR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 SmQDPIADMLTR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 SMQDPIADmLTR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 SMQDPIADMLTR
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 VAIANVLK
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 VAIANVLKEEGFIEDFK
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 VEGDTKPELELTLK
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 VmAGLGIAVVSTSK
P0A7W7	RS8_ECOLI	30S ribosomal protein S8 VMAGLGIAVVSTSK
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 <QPLELVDMVEK
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 AENQYYGTGR
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 ALmEYDESLR
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 ALmEYDESLRSELR
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 ALMEYDESLR
P0A7X3	RS9_ECOLI	30S ribosomal protein S9 ALMEYDESLRSELR

P0A7X3	RS9_ECOLI	30S ribosomal protein S9	GGGISGQAGAIR
P0A7X3	RS9_ECOLI	30S ribosomal protein S9	LDLYITVK
P0A7X3	RS9_ECOLI	30S ribosomal protein S9	QPLELVDmVEK
P0A7X3	RS9_ECOLI	30S ribosomal protein S9	QPLELVDmVEKLDLYIT
P0A7X3	RS9_ECOLI	30S ribosomal protein S9	QPLELVDMVEK
P0A7X3	RS9_ECOLI	30S ribosomal protein S9	SLEQYFGR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	ALLQELCFGVLR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	DSWLALLDEAGmK
P36929	RSMB_ECOLI	Ribosomal RNA small sub	DSWLALLDEAGMK
P36929	RSMB_ECOLI	Ribosomal RNA small sub	GFPHADYPDAVR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	GLINGVLR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	ILLDAPCSATGVIR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	QNLPGAEEGDGFFYAK
P36929	RSMB_ECOLI	Ribosomal RNA small sub	QQEELLAEFNASDAR
P36929	RSMB_ECOLI	Ribosomal RNA small sub	TADAELCETGTPEQPGK
P36929	RSMB_ECOLI	Ribosomal RNA small sub	TGGTLVYATCSVLPEENS
P36929	RSMB_ECOLI	Ribosomal RNA small sub	TLSQLDWLINK
P36929	RSMB_ECOLI	Ribosomal RNA small sub	TTHILEVAPEAQVVAVDI
P36929	RSMB_ECOLI	Ribosomal RNA small sub	YPSQWCGEQQFDR
P39406	RSMC_ECOLI	Ribosomal RNA small sub	ATLAANGVEGEVFASNV
P39406	RSMC_ECOLI	Ribosomal RNA small sub	DGLDVGSQLLLSTLTPHT
P39406	RSMC_ECOLI	Ribosomal RNA small sub	FWGEYSVDGLTVK
P39406	RSMC_ECOLI	Ribosomal RNA small sub	ILFAGDLQDDLPAR
P39406	RSMC_ECOLI	Ribosomal RNA small sub	IVANAFLPYPDVLDETFG
P39406	RSMC_ECOLI	Ribosomal RNA small sub	LTLCDVSAPAVEASR
P39406	RSMC_ECOLI	Ribosomal RNA small sub	SAEQmLADYAPLNK
P39406	RSMC_ECOLI	Ribosomal RNA small sub	SAFTPASEVLLR
P39406	RSMC_ECOLI	Ribosomal RNA small sub	VLDVGCGAGVLSVAFAR
P60390	RSMH_ECOLI	Ribosomal RNA small sub	LILSQLGEEGR
P0AA43	RSUA_ECOLI	Ribosomal small subunit	FIAQQLGVSR
P0AA43	RSUA_ECOLI	Ribosomal small subunit	TYLVTLESPVADDTAEQF
P0AG86	SECB_ECOLI	Protein-export protein Se	Ac-SEQNNTEMTFQIQ
P0AG86	SECB_ECOLI	Protein-export protein Se	DISFEAPNAPHVFQK
P0AG86	SECB_ECOLI	Protein-export protein Se	LDLDTASSQLADDVYEV
P16456	SELD_ECOLI	Selenide, water dikinase	mNIAGASFANIEGVK
P23721	SERC_ECOLI	Phosphoserine aminotra	AELLYGVIDNSDFYR
P23721	SERC_ECOLI	Phosphoserine aminotra	ALTDFMVEFER
P23721	SERC_ECOLI	Phosphoserine aminotra	AQIFNFSSGPAmLPAEV
P23721	SERC_ECOLI	Phosphoserine aminotra	ASIYNAmPLEGVK
P23721	SERC_ECOLI	Phosphoserine aminotra	GQFAAVPLNILGDK
P23721	SERC_ECOLI	Phosphoserine aminotra	NIGPAGLTIVIVR
P23721	SERC_ECOLI	Phosphoserine aminotra	YCTPNVFDAK
P0AEU7	SKP_ECOLI	Chaperone protein skp	TGVSNTLENEFK
P0AEU7	SKP_ECOLI	Chaperone protein skp	TGVSNTLENEFKGR
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	DLVVSLAYQVR
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	DVFmGVDELQVGmR
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	DVFmGVDELQVGMR
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	DVFMGVDELQVGMR

P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	FLAETDQGPVPVEITAVE
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	FNVEVVAIR
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	VPKDVFmGVDELQVG
P0A9K9	SLYD_ECOLI	FKBP-type peptidyl-proly	VPKDVFmGVDELQVG
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	AQFTDAAIK
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	DALAPHISAETIEYHYGK
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	HHQTYVTNLNNLIK
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	NFGSGWTWLVK
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	SFELPALPYAK
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	SLEEIIR
P0AGD3	SODF_ECOLI	Superoxide dismutase [F	VAEAIAASFGSFADFK
P00448	SODM_ECOLI	Superoxide dismutase [M	DFGSVDNFK
P00448	SODM_ECOLI	Superoxide dismutase [M	EFWNVVNWDEAAAR
P00448	SODM_ECOLI	Superoxide dismutase [M	FGSGWAWLVLK
P68191	SRA_ECOLI	Stationary-phase-induce	SSVVNNPTGR
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP	AVLVNIFGGIVR
P0A836	SUCC_ECOLI	Succinyl-CoA ligase [ADP	GLTDAAQQVVAAVEGK
P0AGE9	SUCD_ECOLI	Succinyl-CoA ligase [ADP	GGTTHLGLPVFNTVR
P0AGE9	SUCD_ECOLI	Succinyl-CoA ligase [ADP	GTADEKFAALEAAGVK
P21889	SYD_ECOLI	Aspartyl-tRNA synthetas	FGFLLDALK
P04805	SYE_ECOLI	Glutamyl-tRNA syntheta	FAPSPTGYLHVGGAR
P04805	SYE_ECOLI	Glutamyl-tRNA syntheta	TALYSWLFAR
P00960	SYGA_ECOLI	Glycyl-tRNA synthetase a	ELGPEPmAAAYVQPSR
P00960	SYGA_ECOLI	Glycyl-tRNA synthetase a	ELGPEPMAAAYVQPSR
P00960	SYGA_ECOLI	Glycyl-tRNA synthetase a	TFQGLILTLQDYWAR
P00956	SYI_ECOLI	Isoleucyl-tRNA synthetas	ANDIVVALLQEK
P00956	SYI_ECOLI	Isoleucyl-tRNA synthetas	AYEAYDFHEVVQR
P00956	SYI_ECOLI	Isoleucyl-tRNA synthetas	GAELELLR
P00956	SYI_ECOLI	Isoleucyl-tRNA synthetas	IGVTDYTILGTVK
P0A8N3	SYK1_ECOLI	Lysyl-tRNA synthetase	ASFVTLQDVGGR
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	ALAESIGITVEK
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	DSLPEGVYNDQFK
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	GANEAIDFNDELR
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	WDLGDIIGAR
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	YLDLIANDK
P0A8N5	SYK2_ECOLI	Lysyl-tRNA synthetase, h	YRPETDmADLDNFDA
P00962	SYQ_ECOLI	Glutaminyl-tRNA synthet	EGYFCLDSR
P00962	SYQ_ECOLI	Glutaminyl-tRNA synthet	LNLEYTVMSK
P00962	SYQ_ECOLI	Glutaminyl-tRNA synthet	SVEENLALFEK
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase	AELDALQAEIR
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase	EFDFEVR
P0A8L1	SYS_ECOLI	Seryl-tRNA synthetase	VLQLLGLPYR
P0A8M3	SYT_ECOLI	Threonyl-tRNA synthetas	PVITLPDGSQR
P07118	SYV_ECOLI	Valyl-tRNA synthetase	AEmNIAPGKPLELLLR
P07118	SYV_ECOLI	Valyl-tRNA synthetase	FTLAALASTGR
P07118	SYV_ECOLI	Valyl-tRNA synthetase	YVILPLVNR
P0A867	TALA_ECOLI	Transaldolase A	AAGLSQYEHLIDDAIAW
P0A867	TALA_ECOLI	Transaldolase A	ACAEAGVFLISPFVGR

P0A867	TALA_ECOLI	Transaldolase A	KLEDLLAAKL
P0A867	TALA_ECOLI	Transaldolase A	LTIAPNLLK
P0A867	TALA_ECOLI	Transaldolase A	QFTTVVADSGDIESIR
P0A870	TALB_ECOLI	Transaldolase B	AQQIVDATDKLAVNIGLI
P0A870	TALB_ECOLI	Transaldolase B	ELAESEGAIER
P0A870	TALB_ECOLI	Transaldolase B	KLIDDAVAWAK
P0A870	TALB_ECOLI	Transaldolase B	LASTWQGIR
P0A870	TALB_ECOLI	Transaldolase B	LAVNIGLEILK
P0A870	TALB_ECOLI	Transaldolase B	LIDDAVAWAK
P0A870	TALB_ECOLI	Transaldolase B	LTIAPALLK
P0A870	TALB_ECOLI	Transaldolase B	LYQPQDATTNPSLILNAA
P0A870	TALB_ECOLI	Transaldolase B	mIGDLL
P0A870	TALB_ECOLI	Transaldolase B	NIGEILELAGCDR
P0A870	TALB_ECOLI	Transaldolase B	QYTTVVADTGDIAAmK
P0A870	TALB_ECOLI	Transaldolase B	QYTTVVADTGDIAAMK
P0AGL2	TDCF_ECOLI	Protein tdcF	DVKLEIEAIAVR
P0AGL2	TDCF_ECOLI	Protein tdcF	LEIEAIAVR
P0AGG2	TESB_ECOLI	Acyl-CoA thioesterase 2	KPIIYDVETLR
P0AGG2	TESB_ECOLI	Acyl-CoA thioesterase 2	QVFGGQVVGQALYAAK
P0AA25	THIO_ECOLI	Thioredoxin-1	GIPTLLLFK
P0AA25	THIO_ECOLI	Thioredoxin-1	GQLKEFLDANLA
P0A850	TIG_ECOLI	Trigger factor	ANDIDVPAALIDSEIDVLI
P0A850	TIG_ECOLI	Trigger factor	ANDIDVPAALIDSEIDVLI
P0A850	TIG_ECOLI	Trigger factor	ASDFVLAMGQGR
P0A850	TIG_ECOLI	Trigger factor	ELPELTAEFIK
P0A850	TIG_ECOLI	Trigger factor	FGVEDGSVEGLRAEVR
P0A850	TIG_ECOLI	Trigger factor	FGVEDGSVEGLR
P0A850	TIG_ECOLI	Trigger factor	INPAGAPTYVPGEYK
P0A850	TIG_ECOLI	Trigger factor	NFIDAIIKEK
P0A850	TIG_ECOLI	Trigger factor	NVALEEQAVEAVLAK
P0A850	TIG_ECOLI	Trigger factor	QDVLGDLMSR
P0A850	TIG_ECOLI	Trigger factor	VVVGLLLGEVIR
P27302	TKT1_ECOLI	Transketolase 1	AINEDAAGNYIHYGVR
P27302	TKT1_ECOLI	Transketolase 1	QDGPTALILSR
P27302	TKT1_ECOLI	Transketolase 1	VAVEAGIADYWYK
P27302	TKT1_ECOLI	Transketolase 1	VVSMPSTDAFDKQDAA
P0A853	TNAA_ECOLI	Tryptophanase	ATYTQTHmDFIIEAFK
P0A853	TNAA_ECOLI	Tryptophanase	AVEIGSFLLGR
P0A853	TNAA_ECOLI	Tryptophanase	EAEYKDWTIEQITR
P0A853	TNAA_ECOLI	Tryptophanase	FAENAYFIK
P0A853	TNAA_ECOLI	Tryptophanase	GAEQIYIPVLIK
P0A853	TNAA_ECOLI	Tryptophanase	GLTFTYEPK
P0A853	TNAA_ECOLI	Tryptophanase	GNFDLEGLER
P0A853	TNAA_ECOLI	Tryptophanase	LLPHIPADQFPAQALACE
P0A853	TNAA_ECOLI	Tryptophanase	SYYALAESVK
P0A853	TNAA_ECOLI	Tryptophanase	YADMLAMSAK
P06694	TNP2_ECOLX	Transposase for transpos	LFNAAK
P13694	TNP7_ECOLX	Transposase for transpos	<QRLDELLK

P0A855	TOLB_ECOLI	Protein tolB	LAYVTFESGR
P06612	TOP1_ECOLI	DNA topoisomerase 1	APLVEELYR
P0A862	TPX_ECOLI	Thiol peroxidase	AQTFTLVAK
P0A862	TPX_ECOLI	Thiol peroxidase	DLSDVTLGQFAGK
P0A862	TPX_ECOLI	Thiol peroxidase	FCGAEGLNNVITLSTFR
P0A862	TPX_ECOLI	Thiol peroxidase	NAEFLQAYGVAIADGPL
P0A862	TPX_ECOLI	Thiol peroxidase	SQTVHFQGNPVTVANSI
P0A862	TPX_ECOLI	Thiol peroxidase	VLNIFPSIDTGVCAASVR
P28904	TREC_ECOLI	Trehalose-6-phosphate h	DADELLAILASK
P28904	TREC_ECOLI	Trehalose-6-phosphate h	LDVVNLISKDPR
P28904	TREC_ECOLI	Trehalose-6-phosphate h	NDGRDADELLAILASK
P28904	TREC_ECOLI	Trehalose-6-phosphate h	VCEFWADR
P0A9P4	TRXB_ECOLI	Thioredoxin reductase	ANLQPVLITGmEK
P0A9P4	TRXB_ECOLI	Thioredoxin reductase	LLILGSGPAGYTAAVYAA
P0A9P4	TRXB_ECOLI	Thioredoxin reductase	QAITSAGTGCMAALDAE
P32132	TYPA_ECOLI	GTP-binding protein typA	AVAFALFGLQDR
P12758	UDP_ECOLI	Uridine phosphorylase	IGTTGAIQPHINVGDVLV
P12758	UDP_ECOLI	Uridine phosphorylase	NDLQGATLAIVPGDPDR
P12758	UDP_ECOLI	Uridine phosphorylase	NDLQGATLAIVPGDPDR
P12758	UDP_ECOLI	Uridine phosphorylase	SDVFHLGLTK
P12758	UDP_ECOLI	Uridine phosphorylase	SIGATTHVGVTASSDTFY
P0A8F0	UPP_ECOLI	Uracil phosphoribosyltra	VLVLVAAPEGIAALEK
P0AED0	USPA_ECOLI	Universal stress protein A	AYKHILIAVDLSPESK
P0AED0	USPA_ECOLI	Universal stress protein A	HILIAVDLSPESK
P0AED0	USPA_ECOLI	Universal stress protein A	QLINTVHVDmLIVPLRD
P39177	USPG_ECOLI	Universal stress protein G	HANLPVLVVR
P39177	USPG_ECOLI	Universal stress protein G	LQTmVSHFTIDPSR
P39177	USPG_ECOLI	Universal stress protein G	NPSISTHLLGSNASSVIR
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	<QPSQEELSIAR
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	GGTPYGATTIAGGDGSR
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	RVPETmPPQLFEK
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	TFLDQTGGLWASGALYG
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	TQTAPVATPQELADYDA
P0A8G6	WRBA_ECOLI	Flavoprotein wrbA	YQGEYVAGLAVK
P0A9M5	XGPT_ECOLI	Xanthine phosphoribosyl	GGLVPGALLAR
P77300	YAGI_ECOLI	Uncharacterized HTH-typ	EALMSALAQTR
P77300	YAGI_ECOLI	Uncharacterized HTH-typ	VIAALSLSTLTSR
P75691	YAHK_ECOLI	Uncharacterized zinc-typ	SPEVFNLImK
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	GGDLGQPFQFK
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	GIEGSSLDVPENIVHSGK
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	NVEASFELNDASK
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	PSFDIVSEVDLQEAR
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	SRDDLQAVmAMVR
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	TWFVEAK
P0A8E7	YAJQ_ECOLI	UPF0234 protein yajQ	VLSESDFQVNQLLDILR
P30177	YBIB_ECOLI	Uncharacterized protein	LATPFAEGEALR
P75829	YBJX_ECOLI	Uncharacterized protein	LQVEQIIAVSNETHIYR
P75829	YBJX_ECOLI	Uncharacterized protein	TMFIGGLQGAK

P21367	YCAC_ECOLI	Uncharacterized protein	NNVLALGDLAK
P75838	YCAO_ECOLI	UPF0142 protein ycaO	Ac-TQTFIPGKDAALED
P75838	YCAO_ECOLI	UPF0142 protein ycaO	AALASALGEYFER
P75838	YCAO_ECOLI	UPF0142 protein ycaO	DAALEDSIAR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	ELLGLATGSDNGWYTLR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	GICGLPFTR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	IIAESISLPEIPADVLAR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	IIVPGmSDIYPAEDLWL
P75838	YCAO_ECOLI	UPF0142 protein ycaO	KAALASALGEYFER
P75838	YCAO_ECOLI	UPF0142 protein ycaO	TQTFIPGKDAALEDSIAR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	TVTELLQGR
P75838	YCAO_ECOLI	UPF0142 protein ycaO	VQGLSEVFER
P75838	YCAO_ECOLI	UPF0142 protein ycaO	VRELLGLATGSDNGWYT
P75838	YCAO_ECOLI	UPF0142 protein ycaO	WFPLTENDDVPEGLLDD
P75838	YCAO_ECOLI	UPF0142 protein ycaO	WFPLTENDDVPEGLLDD
P22525	YCBB_ECOLI	Probable L,D-transpeptic	AGVLALNIQR
P22525	YCBB_ECOLI	Probable L,D-transpeptic	DWLNVTPAQR
P75849	YCBL_ECOLI	Uncharacterized protein	LLISGDVIFK
P0AB28	YCED_ECOLI	Uncharacterized protein	VKLPLTLDPVR
P0A729	YCEF_ECOLI	Maf-like protein yceF	LILASTSPWR
P0A729	YCEF_ECOLI	Maf-like protein yceF	SEGFGITLFER
P27431	YCFD_ECOLI	Uncharacterized protein	ELISGFADYVLQR
P27431	YCFD_ECOLI	Uncharacterized protein	QWFGEFISQSR
P0A8L7	YCIU_ECOLI	UPF0263 protein yciU	LCHIIWRE
P64463	YDFZ_ECOLI	Putative selenoprotein y	ILSIDTEGLTAEQIRR
P77552	YDHQ_ECOLI	Uncharacterized protein	AENTVVTGAGWLK
P77552	YDHQ_ECOLI	Uncharacterized protein	LGTDGLQLYSSGK
P0ACY1	YDJA_ECOLI	Putative NAD(P)H nitrore	APLIITVVAK
P0ACY1	YDJA_ECOLI	Putative NAD(P)H nitrore	LAEPAPTGEQLQNILR
P0ACY1	YDJA_ECOLI	Putative NAD(P)H nitrore	MDALELLINR
P64483	YEAK_ECOLI	Uncharacterized protein	IAQPELVNFR
P64483	YEAK_ECOLI	Uncharacterized protein	LIALLSQEGADFR
P33355	YEHS_ECOLI	Uncharacterized protein	TDDILAILTEQQFR
P67095	YFCE_ECOLI	Phosphodiesterase yfcE	GEIFHFNPGSVSIPK
P0AD33	YFCZ_ECOLI	UPF0381 protein yfcZ	AEAEQTLAALTEK
P76550	YFFS_ECOLI	Uncharacterized protein	DAIIDDLKAR
P76550	YFFS_ECOLI	Uncharacterized protein	EAVAERDAIIDDLKAR
P76550	YFFS_ECOLI	Uncharacterized protein	EAVAERDAIIDDLK
P76550	YFFS_ECOLI	Uncharacterized protein	GLISVEQEIK
P76550	YFFS_ECOLI	Uncharacterized protein	IAELEAALANK
P76550	YFFS_ECOLI	Uncharacterized protein	ITVLDNDGNRKPISNGAI
P76550	YFFS_ECOLI	Uncharacterized protein	LITLLPNWIDK
P76550	YFFS_ECOLI	Uncharacterized protein	LITLLPNWIDKLGDE
P76550	YFFS_ECOLI	Uncharacterized protein	QVPAEAEEmGGEKVEE
P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	AWFIQSVTPR
P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	GVVVQDAALLESGAAIR
P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	mVLVLGQEYEGLPDA/
P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	MVLVLGQEYEGLPDAAI

P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	TAEGGAEHVQPITGDNI'
P0AGJ5	YFIF_ECOLI	Uncharacterized tRNA/rI	VYGENACQALFQSRPEA
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	AALANLFSELPSK
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	AALANLFSELPSKEK
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	ALWLLAGSASR
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	DGDGFAWIER
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	LPEAGEDLELK
P0ADE8	YGFZ_ECOLI	tRNA-modifying protein '	VLLGVAGFQAR
P0ADU2	YGIN_ECOLI	Probable quinol monoox	AYSEAVKGDVLEMNIR
P0ADU2	YGIN_ECOLI	Probable quinol monoox	mLTVIAEIR
P0ADU2	YGIN_ECOLI	Probable quinol monoox	MLTVIAEIR
P37613	YHHK_ECOLI	Uncharacterized protein	GVGQYLLEEVLR
P37613	YHHK_ECOLI	Uncharacterized protein	VTLSGTEGALDSLR
P32162	YIIS_ECOLI	UPF0381 protein yiiS	FFATREEAESFmTK
P0ACU7	YJDC_ECOLI	HTH-type transcriptional	FWPDKEAILYDALR
P0ACU7	YJDC_ECOLI	HTH-type transcriptional	LLELQGIANTTLEmVAEI
P0ACU7	YJDC_ECOLI	HTH-type transcriptional	YLSQQIDVWR
P0AF90	YJGD_ECOLI	Uncharacterized protein	ANPEQLEEQREETR
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	AIVEAAGLK
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	AIVEAAGLKVGDIVK
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	DLNDFATVNATYEAFFTI
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	DVKIEIEAIAVR
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	DVKIEIEAIAVRR
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	IEIEAIAVR
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	QSLDNVKAIVEAAGLKV(
P0AF93	YJGF_ECOLI	UPF0076 protein yjgF	TGEVPADVAAQAR
P39353	YJHC_ECOLI	Uncharacterized oxidore	TPLWLASLIR
P39356	YJHU_ECOLI	Uncharacterized transcri	ILGISLAQLR
P76116	YNCE_ECOLI	Uncharacterized protein	ELVADDATNTVYISGIGK
P76116	YNCE_ECOLI	Uncharacterized protein	ESVIWVVDGGNIK
P76116	YNCE_ECOLI	Uncharacterized protein	LYTTNADGELITIDTADN
P76116	YNCE_ECOLI	Uncharacterized protein	VAAPESLAVLFNPAR
P0AEB7	YOAB_ECOLI	UPF0076 protein yoaB	AWDAWVVAGHAPVR
P0AEB7	YOAB_ECOLI	UPF0076 protein yoaB	SSILDATIFLADKNDFAAr
P0A8W5	YQGE_ECOLI	UPF0301 protein yqgE	GFILHTPPSNFASSIR
P0A8W5	YQGE_ECOLI	UPF0301 protein yqgE	LIGVDILTmPGVAGHA
P0A9W9	YRDA_ECOLI	Protein yrdA	LADDVGIWPLVVIR
P0A9W9	YRDA_ECOLI	Protein yrdA	LESGYLYLGSPVK
P0A9W9	YRDA_ECOLI	Protein yrdA	VmIDDSSVVIGDVR

Modified Sequence		Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-AAVLPANLIQAQ	*	Stationary 1st Control		Stationary 1st Exp
NH2-EAYELVAPILTK-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-EFVESLETPR-CO	*			Stationary 1st Exp
NH2-GYTVSIFNR-COO	*	Stationary 1st Control		Stationary 1st Exp
NH2-IAAVAEDGEPC<C	*	Stationary 1st Control		
NH2-IVSYAQGFSQLR-	*	Stationary 1st Control		Stationary 1st Exp
NH2-VLSGPQAQPAGD	*			Stationary 1st Exp
NH2-TASLITVFSVSEDG	*			Stationary 1st Exp
NH2-WAADIHITPDGR	*			Stationary 1st Exp
NH2-YLYVGVRPEFR-C	*			Stationary 1st Exp
NH2-AIWEQELTDM<M	*			Stationary 1st Exp
NH2-QLFVNTLQEK-CC	*	Stationary 1st Control		
NH2-SVFNSAGLEVR-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-VGAC<Cmm*>TL	*	Stationary 1st Control		
NH2-VWVSNPSWPNH	*			Stationary 1st Exp
NH2-IGYPVIIK-COOH	*	Stationary 1st Control		
NH2-NALQELIIDGIK-C	*			Stationary 1st Exp
NH2-SGFIFIGPK-COOH	*			Stationary 1st Exp
NH2-VVEEAPAPGITPE	*			Stationary 1st Exp
NH2-ADQIQWSAGIEP	*			Stationary 1st Exp
NH2-AM<Mox>IEAGA	*			Stationary 1st Exp
NH2-GSVNPEC<Cmm*	*			Stationary 1st Exp
NH2-KGYINSLGALTGG	*			Stationary 1st Exp
NH2-LAADVTGVPTLLV	*			Stationary 1st Exp
NH2-LLAYNC<Cmm*>	*			Stationary 1st Exp
NH2-RADQIQWSAGIE	*			Stationary 1st Exp
NH2-TQQIEELQKEWT	*			Stationary 1st Exp
NH2-WEGITRPYSAEDV	*			Stationary 1st Exp
NH2-EGTRPAVVIPTNE	*			Stationary 1st Exp
NH2-ESGLLGLTEVTSD	*			Stationary 1st Exp
NH2-LGVLGFEVDHER-	*	Stationary 1st Control		Stationary 1st Exp
NH2-LVLVLNC<Cmm*	*			Stationary 1st Exp
NH2-SDTYGWQEDSTY	*			Stationary 1st Exp
NH2-VLLENLLR-COOH	*	Stationary 1st Control		Stationary 1st Exp
NH2-VVIAESFER-COO	*			Stationary 1st Exp
NH2-AGFLAAIAK-COO	*			Stationary 1st Exp
NH2-EGIEPDQPGVVG	*			Stationary 1st Exp
NH2-GFPLAYVGDVVG	*			Stationary 1st Exp
NH2-LWVAPPTR-COO	*			
NH2-YLNFNQLSQYTEK	*			Stationary 1st Exp
NH2-M<Mox>IDTTLPL	*			Stationary 1st Exp
NH2-VAFENIEDAAR-C	*			Stationary 1st Exp
NH2-EGEATLAPSLDLV	*	Stationary 1st Control		Stationary 1st Exp
NH2-IKYAM<Mox>IGD	*	Stationary 1st Control		Stationary 1st Exp
NH2-IKYAMIGDPTGAL	*			Stationary 1st Exp
NH2-LGVDVYAVSTDTH	*	Stationary 1st Control		Stationary 1st Exp
NH2-NFDNM<Mox>RI	*			Stationary 1st Exp

NH2-NGEFIEITEK-COC	*			Stationary 1st Exp
NH2-NGEFIEITEKDTEG	*	Stationary 1st Control		Stationary 1st Exp
NH2-WKEGEATLAPSLI	*			Stationary 1st Exp
NH2-WKEGEATLAPSLI	*			Stationary 1st Exp
NH2-YAM<Mox>IGDP	*	Stationary 1st Control		Stationary 1st Exp
NH2-YAMIGDPTGALTI	*			Stationary 1st Exp
NH2-ASLSAFDYLIR-CO	*			Stationary 1st Exp
NH2-GVFAAGDC<Cmr	*			Stationary 1st Exp
NH2-AFQELNAIDVL-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-ANEAYLQGQLGN	*			Stationary 1st Exp
NH2-APVIVQFSNGGA	*	Stationary 1st Control		
NH2-IFDFVKPGVITGDI	*			Stationary 1st Exp
NH2-SKIFDFVKPGVITG	*			Stationary 1st Exp
NH2-VKAPVIVQFSNG	*	Stationary 1st Control		Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*			Stationary 1st Exp
NH2-AGGM<Mox>GLI	*			Stationary 1st Exp
NH2-AGGMGLILGR-C	*			Stationary 1st Exp
NH2-AGLINSGGAAGG	*			Stationary 1st Exp
NH2-AHELGM<Mox>V	*			Stationary 1st Exp
NH2-AINYGYTDDR-CO	*			Stationary 1st Exp
NH2-AINYGYTDDRVYS	*			Stationary 1st Exp
NH2-C<Cmm*>M<Mo	*			Stationary 1st Exp
NH2-DGVDYHVSADLT	*			Stationary 1st Exp
NH2-IPFLVK-COOH	*			
NH2-LAGTGYLSILPVD	*			
NH2-LINAVQDVYLDSK	*			Stationary 1st Exp
NH2-LINAVQDVYLDSK	*			
NH2-LTSENPIDLVR-CO	*			Stationary 1st Exp
NH2-QIEEISAAFER-CO	*			Stationary 1st Exp
NH2-RAGGMGLILGR-C	*			
NH2-RQIEEISAAFER-C	*			
NH2-TDIAQLLGK-COO	*			Stationary 1st Exp
NH2-TDIAQLLGKDADN	*			Stationary 1st Exp
NH2-VM<Mox>IDNNR	*			
NH2-VMIDNNRPPAVL	*			Stationary 1st Exp
NH2-YQLANC<Cmm*>	*			Stationary 1st Exp
NH2-YQLANC<Cmm*>	*			Stationary 1st Exp
NH2-FC<Cmm*>PTGG	*	Stationary 1st Control		Stationary 1st Exp
NH2-TSAESILTTGPVVF	*			Stationary 1st Exp
NH2-ELVATLTELC<Cm	*	Stationary 1st Control		
NH2-ELVATLTELC<Cm	*	Stationary 1st Control		
NH2-FDEVGNLYGR-CO	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LLYSPEWLETQQC	*	Stationary 1st Control		
NH2-M<Mox>GDPLVL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-MGDPLVLTFGK-C	*	Stationary 1st Control		
NH2-NIFGLANPDDVR-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TNITDLAEGVK-CO	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VMHSGAGHDAQ	*	Stationary 1st Control		

NH2-VPTC<Cmm*>M-	*	Stationary 1st Control		
NH2-DISTALGLK-COO	*			
NH2-DVLSVAGPFM<M	*			
NH2-FVSQGELVR-CO	*			
NH2-GIAILQYLEK-CO	*			
NH2-LTEDRFVSQGELV	*			Stationary 1st Exp
NH2-NGNEAVLIGQLE	*			
NH2-ALIDC<Cmm*>Y	*	Stationary 1st Control		Stationary 1st Exp
NH2-DGEIVQYVPFDKF	*			Stationary 1st Exp
NH2-TDPGPAFDWAR-	*			Stationary 1st Exp
NH2-FVEAEGFSVVR-C	*			
NH2-ITQESLYLALR-CO	*			Stationary 1st Exp
NH2-LIEPLIR-COOH	*	Stationary 1st Control		Stationary 1st Exp
NH2-QGITSYSLVPFPG	*			Stationary 1st Exp
NH2-SIQDYPKPGILFR-	*			Stationary 1st Exp
NH2-VLVVDDLLATGG	*			Stationary 1st Exp
NH2-LILPLAIGK-COOH	*			Stationary 1st Exp
NH2-DLGAVFLVGIGGK	*			Stationary 1st Exp
NH2-LGLIEVQAPILSR-	*			Stationary 1st Exp
NH2-SVFDTLATAAK-C	*	Stationary 1st Control		
NH2-YALC<Cmm*>EL	*			Stationary 1st Exp
NH2-GYLPENLFAPAPC	*			
NH2-ADAPLIQWDATS	*	Stationary 1st Control		Stationary 1st Exp
NH2-AVLAEKADAPLIQ	*			Stationary 1st Exp
NH2-EAHALRDYLPDAF	*			Stationary 1st Exp
NH2-QFM<Mox>NELN	*	Stationary 1st Control		Stationary 1st Exp
NH2-TLLM<Mox>DEQ	*			Stationary 1st Exp
NH2-TPLSNFNVGAIAR	*	Stationary 1st Control		Stationary 1st Exp
NH2-SAGGIVLTGSAAA	*			Stationary 1st Exp
NH2-VGDIVIFNDGYGV	*	Stationary 1st Control		Stationary 1st Exp
NH2-AAVEEGVVAGGG	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-AIAQVGTISANSD	*		Stationary 2nd Control	
NH2-ANDAAGDGTTTA	*	Stationary 1st Control		Stationary 1st Exp
NH2-EIELEDKFENM<M	*			Stationary 1st Exp
NH2-EM<Mox>LPVLE	*			Stationary 1st Exp
NH2-GVNVLADAVK-C	*		Stationary 2nd Control	
NH2-QIVLNC<Cmm*>	*			Stationary 1st Exp
NH2-VVINKDTTTIIDGV	*			Stationary 1st Exp
NH2-GTLGQDVIDIR-C	*			
NH2-AAGATTANITQAI	*			Stationary 1st Exp
NH2-AIDLIDEAASSIR-C	*			Stationary 1st Exp
NH2-ALANFM<Mox>F	*			Stationary 1st Exp
NH2-GELHC<Cmm*>V	*			Stationary 1st Exp
NH2-GYEIHISDEALK-C	*			Stationary 1st Exp
NH2-LEVNEDRIVAVQ-	*			Stationary 1st Exp
NH2-LLSENGYDPVYGA	*			Stationary 1st Exp
NH2-LPQVEGTGGDVC	*			Stationary 1st Exp
NH2-LVGAPPGYVGYEI	*			Stationary 1st Exp

NH2-M<Mox>SELQYG	*			Stationary 1st Exp
NH2-NKVTDAEIAEVLA	*			Stationary 1st Exp
NH2-NNPVLIGEPGVGI	*			Stationary 1st Exp
NH2-QEGNVILFIDELH	*			Stationary 1st Exp
NH2-QLPDKAIDLIDEA	*			Stationary 1st Exp
NH2-VFVAEPSVEDTIA	*			Stationary 1st Exp
NH2-VIGQNEAVDAVS	*			Stationary 1st Exp
NH2-VLALDM<Mox>G	*			Stationary 1st Exp
NH2-VLALDMGALVAG	*			Stationary 1st Exp
NH2-VTDAEIAEVLAR-(	*			Stationary 1st Exp
NH2-IAQTLLNLAK-CO(	*			Stationary 1st Exp
NH2-VGNLAFLDVTGR-	*			Stationary 1st Exp
NH2-ALGANLVLTEGAK	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-GAIQKAEEIVASN	*	Stationary 1st Control		Stationary 1st Exp
NH2-GVLKPGVELVEPT	*			Stationary 1st Exp
NH2-IFEDNSLTIGHTPL	*	Stationary 1st Control		Stationary 1st Exp
NH2-IGANM<Mox>IW	*	Stationary 1st Control		Stationary 1st Exp
NH2-IGANM<Mox>IW	*			Stationary 1st Exp
NH2-IGANMIWDAEK-(	*			Stationary 1st Exp
NH2-IGANMIWDAEKR	*			Stationary 1st Exp
NH2-IQGIGAGFIPANLI	*	Stationary 1st Control		Stationary 1st Exp
NH2-LM<Mox>EEEGIL	*	Stationary 1st Control		Stationary 1st Exp
NH2-LMEEEGILAGISSC	*			Stationary 1st Exp
NH2-LTLTM<Mox>PET	*	Stationary 1st Control		Stationary 1st Exp
NH2-LVDKVIGITNEEAI	*	Stationary 1st Control		Stationary 1st Exp
NH2-NIVVILPSSGER-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-RLM<Mox>EEEG	*			Stationary 1st Exp
NH2-RLMEEEGILAGISS	*			Stationary 1st Exp
NH2-SKIFEDNSLTIGHT	*			Stationary 1st Exp
NH2-VIGITNEEAISTAR	*	Stationary 1st Control		Stationary 1st Exp
NH2-YLLLQQFSNPANP	*	Stationary 1st Control		Stationary 1st Exp
NH2-YLSTALFADLFTEK	*			Stationary 1st Exp
NH2-YLSTALFADLFTEK	*			Stationary 1st Exp
NH2-ESFLNPGFR-COO	*			Stationary 1st Exp
NH2-NAGDAIM<Mox>	*			Stationary 1st Exp
NH2-ELGLVATDTLR-C(	*	Stationary 1st Control		
NH2-IPVIAGTGANATA	*	Stationary 1st Control		
NH2-EAVNQVIALLDSG	*			Stationary 1st Exp
NH2-VGINELLR-COOH	*			Stationary 1st Exp
NH2-AALESTLAAITESL	*			
NH2-EGDAVQLVGFGT	*			
NH2-IAAANVPAFVSGK	*	Stationary 1st Control		Stationary 1st Exp
NH2-TQLIDVIAEKAELS	*			
NH2-TQLIDVIAEK-CO(	*			
NH2-ALDAIIASVTESLK	*			
NH2-EGDDVALVGFGT	*			
NH2-SQLIDKIAAGADIS	*			
NH2-LKDGEDPGYTLYD	*			Stationary 1st Exp

NH2-QNLATFC<Cmm*	*			Stationary 1st Exp
NH2-VQNASYQVAAYL	*			Stationary 1st Exp
NH2-YWDVELR-COOH	*			Stationary 1st Exp
NH2-FIDLFAGIGGIR-C	*			
NH2-IVLVGFR-COOH	*			
NH2-QFGNSVVVPVFA	*			
NH2-FDVVLLGIDK-CO	*			Stationary 1st Exp
NH2-LIELALER-COOH	*			Stationary 1st Exp
NH2-ALLFVENR-COOH	*			
NH2-GVNVVALYGGQF	*			
NH2-LVLINPELLEK-CO	*			Stationary 1st Exp
NH2-SDIALIQIQNPK-C	*			
NH2-ATGLDALFDATIK	*			Stationary 1st Exp
NH2-DVAGYAAGLELFD	*	Stationary 1st Control		Stationary 1st Exp
NH2-EHIPVLVYGPK-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-ETFADIGQTLAK-C	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-GPLNLPNLTR-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-KGPLNLPNLTR-C	*	Stationary 1st Control		
NH2-TGNRHDLAVEPP	*	Stationary 1st Control		
NH2-YFGTSDM<Mox>	*	Stationary 1st Control		
NH2-YFGTSDMEYGK-C	*			Stationary 1st Exp
NH2-AAIAYGADEVDV	*			Stationary 1st Exp
NH2-ALM<Mox>AGNI	*			Stationary 1st Exp
NH2-FGASSLLASLLK-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-IATVTNFPHGNDI	*			Stationary 1st Exp
NH2-LM<Mox>DLTTLI	*	Stationary 1st Control		Stationary 1st Exp
NH2-TPVGNTAAIC<Cn	*	Stationary 1st Control		Stationary 1st Exp
NH2-VIIETGELKDEALIF	*			Stationary 1st Exp
NH2-IALESVLLGDKE-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-YIAETFLEDAR-CC	*	Stationary 1st Control		
NH2-YIAETFLEDAREVM	*	Stationary 1st Control		
NH2-LINDVQDVLDEQI	*	Stationary 1st Control		Stationary 1st Exp
NH2-LVGAAAERGDSLI	*			Stationary 1st Exp
NH2-NYTGDILNFETAT	*			Stationary 1st Exp
NH2-VIALVNNLGATPL	*			Stationary 1st Exp
NH2-VTTVVIDDDVAVK	*			Stationary 1st Exp
NH2-VTTVVIDDDVAVK	*			Stationary 1st Exp
NH2-GIC<Cmm*>LSA	*			Stationary 1st Exp
NH2-GPEAEEALIAFR-C	*			Stationary 1st Exp
NH2-AAQEEEFSLELR-C	*			Stationary 1st Exp
NH2-KVEDEDFGYC<Cr	*			Stationary 1st Exp
NH2-TVTHM<Mox>QI	*			Stationary 1st Exp
NH2-AGVEVDDRGFIR-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-ALAEHGIVFGEPK	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-APAEPQRYDAVL	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-C<Cmm*>ADLGL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EDGIYVTMEGK-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EKGISYETATFPW	*	Stationary 1st Control	Stationary 2nd Control	

NH2-EKVINQLTGGLAG	*	Stationary 1st Control		
NH2-EKVINQLTGGLAG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FNLM<Mox>LET	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FNLMLETK-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FTGANTLEVEGEN	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GISYETATFPWAA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-GVHEGHVAAEVI	*	Stationary 1st Control	Stationary 2nd Control	
NH2-IWDSTDALELK-C	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-IWDSTDALELKEV	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-KAPAEPQRYDAV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KFNLM<Mox>LE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KFNLMLETK-COC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LIFDKESHR-COOI	*	Stationary 1st Control		
NH2-PIQLPFIPHEDPR-	*	Stationary 1st Control		
NH2-STEIKTQVVVLGA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TDIDKIR-COOH	*	Stationary 1st Control		
NH2-TNVPHIFAIGDIVC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TNVPHIFAIGDIVC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TQVVVLGAGPAG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TVINFDNAIIAAGS	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VINQLTGGLAGM	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VINQLTGGLAGM	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VIPSIAYTEPEVAV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VIPSIAYTEPEVAV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VTAVEAKEDGIYV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VTAVEAKEDGIYV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VTAVEAKEDGIYV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VTAVEAKEDGIYV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-YDAVLVAIGR-CO	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-YNTLGGVC<Cmn	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-AVLFLYLNR-COO	*			
#Gln->pyro-Glu (N-ter	*			Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*			Stationary 1st Exp
NH2-AADNKSLGQFNL	*			Stationary 1st Exp
NH2-AKIELSSAQQTDV	*	Stationary 1st Control		Stationary 1st Exp
NH2-AKLESLVEDLVNR	*	Stationary 1st Control		Stationary 1st Exp
NH2-ASSGLNEDEIQK-C	*			Stationary 1st Exp
NH2-DAEANAEADRKF	*	Stationary 1st Control		Stationary 1st Exp
NH2-DDDVVDAEFEEV	*			Stationary 1st Exp
NH2-DQGIDLR-COOH	*			Stationary 1st Exp
NH2-DVSIM<Mox>PF	*	Stationary 1st Control		Stationary 1st Exp
NH2-DVSIMPFK-COOH	*			Stationary 1st Exp
NH2-FQDEEVQR-COO	*			Stationary 1st Exp
NH2-FQDEEVQRDVSI	*			Stationary 1st Exp
NH2-FQDEEVQRDVSI	*			Stationary 1st Exp
NH2-GKIIGIDLGTTNSC	*			Stationary 1st Exp
NH2-HSQVFSTAEDNQ	*	Stationary 1st Control		Stationary 1st Exp

NH2-IAGLEVKR-COOH	*			Stationary 1st Exp
NH2-IELSSAQQTDVNL	*	Stationary 1st Control		Stationary 1st Exp
NH2-IIAADNGDAWVE	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-IIGIDLGTTNSC<C	*			Stationary 1st Exp
NH2-IINEPTAAALAYGL	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-IINEPTAAALAYGL	*	Stationary 1st Control		Stationary 1st Exp
NH2-KDVNPDEAVAIG	*			Stationary 1st Exp
NH2-KFEELVQTR-COO	*			Stationary 1st Exp
NH2-KTAEDYLGEPVTE	*			Stationary 1st Exp
NH2-LESLVEDLVNR-C	*			Stationary 1st Exp
NH2-LINYLVEEFK-COC	*			Stationary 1st Exp
NH2-LINYLVEEFKK-CO	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-LINYLVEEFKKDQ	*			Stationary 1st Exp
NH2-M<Mox>APPQIS	*			Stationary 1st Exp
NH2-M<Mox>APPQIS	*			Stationary 1st Exp
NH2-M<Mox>QELAQ	*			Stationary 1st Exp
NH2-MAPPQISAEVLK-	*			Stationary 1st Exp
NH2-MAPPQISAEVLK	*			Stationary 1st Exp
NH2-NDPLAMQR-COC	*			Stationary 1st Exp
NH2-QAVTNPQNTLFA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-QAVTNPQNTLFA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-RFQDEEVQR-CO	*			Stationary 1st Exp
NH2-RIINEPTAAALAYC	*			Stationary 1st Exp
NH2-RIINEPTAAALAYC	*			Stationary 1st Exp
NH2-SLGQFNLDGINPA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-TAEDYLGEPVTEA	*	Stationary 1st Control		Stationary 1st Exp
NH2-TFEVLATNGDTHL	*			Stationary 1st Exp
NH2-TTPSIIAYTQDGET	*			Stationary 1st Exp
NH2-TTPSIIAYTQDGET	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VAEFFGKEPR-CO	*			Stationary 1st Exp
NH2-VALQDAGLSVSDI	*	Stationary 1st Control		Stationary 1st Exp
NH2-VLENAEGDR-COC	*			Stationary 1st Exp
NH2-VLENAEGDRTTPS	*			Stationary 1st Exp
NH2-VLENAEGDRTTPS	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-AHVGDFIFTSK-C	*			Stationary 1st Exp
NH2-EHLLKPLQQVSGF	*			
NH2-FFDIC<Cmm*>R-	*			Stationary 1st Exp
NH2-GLPEGAEIAVQLE	*			Stationary 1st Exp
NH2-GVIELMR-COOH	*			
NH2-HLEAGC<Cmm*>	*			
NH2-KFFDIC<Cmm*>F	*			Stationary 1st Exp
NH2-KGVIELM<Mox>I	*			Stationary 1st Exp
NH2-KGVIELMR-COOH	*			
NH2-LAVC<Cmm*>SM	*			Stationary 1st Exp
NH2-LAVC<Cmm*>SM	*			Stationary 1st Exp
NH2-LIEATQFSM<Mox	*			Stationary 1st Exp
NH2-LIEATQFSMAHQI	*			Stationary 1st Exp
NH2-LYVSENQLK-COC	*			Stationary 1st Exp

NH2-M<Mox>LDGGDI	*		Stationary 1st Exp
NH2-M<Mox>M<Mox	*		
NH2-M<Mox>M<Mox	*		
NH2-M<Mox>MLTDSV	*		
NH2-MLDGGDNPLR-C	*		Stationary 1st Exp
NH2-MMLTDSVSSVQI	*		
NH2-NPDKHLEAGC<C	*		
NH2-RLIEATQFSMAHC	*		
NH2-VALVQPHEPGAT	*		Stationary 1st Exp
NH2-VQIGSNNIR-COC	*		Stationary 1st Exp
NH2-YYLNGM<Mox>L	*		Stationary 1st Exp
NH2-YYLNGMLFETEGE	*		Stationary 1st Exp
NH2-AIGEAKDDDTADI	*	Stationary 1st Control	Stationary 1st Exp
NH2-AVQLGGVALGTT	*	Stationary 1st Control	Stationary 1st Exp
NH2-ELADRYAIVANDV	*		Stationary 1st Exp
NH2-GANFIAVHEM<M	*		Stationary 1st Exp
NH2-GANFIAVHEMLD	*		Stationary 1st Exp
NH2-KAIGEAKDDDTAD	*		Stationary 1st Exp
NH2-QVIQFIDLSLITK-C	*		Stationary 1st Exp
NH2-TALIDHLDTMAEF	*		Stationary 1st Exp
NH2-FVTAYLGDAGM<	*	Stationary 1st Control	Stationary 1st Exp
NH2-FVTAYLGDAGML	*		Stationary 1st Exp
NH2-KFVTAYLGDAGM	*		Stationary 1st Exp
NH2-LPIVVYTPDNVDV	*	Stationary 1st Control	Stationary 1st Exp
NH2-AGDIAAAIGLK-CC	*		Stationary 1st Exp
NH2-AGPLAGYPVVDM	*		Stationary 1st Exp
NH2-AGPLAGYPVVDM	*		Stationary 1st Exp
NH2-AKPVLLEPIMK-CC	*		Stationary 1st Exp
NH2-ASYTM<Mox>EF	*		Stationary 1st Exp
NH2-ASYTMEFLKYDEA	*		Stationary 1st Exp
NH2-DVTTGDTLC<Cm	*		Stationary 1st Exp
NH2-EFNVEANVGKPQ	*		Stationary 1st Exp
NH2-GGVIPGEYIPAVD	*		Stationary 1st Exp
NH2-GITITSAATTAFW	*		Stationary 1st Exp
NH2-GITITSAATTAFW	*		Stationary 1st Exp
NH2-GQYGHVVIDM<M	*		Stationary 1st Exp
NH2-GYEFINDIK-COOH	*		Stationary 1st Exp
NH2-HASDDEPFSALAF	*		Stationary 1st Exp
NH2-IATDPFVGNLTFFI	*	Stationary 1st Control	Stationary 1st Exp
NH2-IGEVHDGAATM<	*		Stationary 1st Exp
NH2-IGEVHDGAATM<	*		Stationary 1st Exp
NH2-IGEVHDGAATMD	*		Stationary 1st Exp
NH2-IHAEVPLSEM<M	*		Stationary 1st Exp
NH2-IHAEVPLSEMFGY	*		Stationary 1st Exp
NH2-ILFYTGVNHK-CO	*		Stationary 1st Exp
NH2-INIIDTPGHVDFTI	*		Stationary 1st Exp
NH2-LGANPVPLQLAIG	*		

NH2-LHFGSYHDVDSSE	*		Stationary 1st Exp
NH2-M<Mox>EFPEPV	*		Stationary 1st Exp
NH2-MEFPEPVISIAVEI	*		Stationary 1st Exp
NH2-VEVETPEENTGDV	*		Stationary 1st Exp
NH2-VLNNEIILVTC<Cn	*		Stationary 1st Exp
NH2-VYSGVVNSGDTV	*		Stationary 1st Exp
NH2-YDEAPSNVAQAV	*		Stationary 1st Exp
NH2-YLGGEELTEAEIK-	*		Stationary 1st Exp
NH2-YLGGEELTEAEIKC	*		Stationary 1st Exp
NH2-VPLFVQIGEVIK-C	*		Stationary 1st Exp
NH2-FKGDDIVDTVTLT	*		
NH2-DAGFQAFADK-C(	*		Stationary 1st Exp
NH2-DAGFQAFADKVL	*		Stationary 1st Exp
NH2-FEVGEGIEKVETD	*		Stationary 1st Exp
NH2-FTGEVSLTGQPFV	*		Stationary 1st Exp
NH2-VAALEGDVLGSYC	*		Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*		Stationary 1st Exp
NH2-AFDQIDNAPEEK-	*		
NH2-AGENVGVLLR-CC	*	Stationary 1st Control	Stationary 1st Exp
NH2-AIDKPFLLPIEDVF	*	Stationary 1st Control	Stationary 1st Exp
NH2-ALEGDAEWEAK-(	*		Stationary 1st Exp
NH2-EHILLGR-COOH	*		Stationary 1st Exp
NH2-ELLSQYDFPGDDT	*	Stationary 1st Control	Stationary 1st Exp
NH2-FESEVYILSK-COO	*	Stationary 1st Control	Stationary 1st Exp
NH2-FESEVYILSKDEGG	*	Stationary 1st Control	Stationary 1st Exp
NH2-GIIKVGEEVEIVGI	*		Stationary 1st Exp
NH2-GITINTSHVEYDTF	*	Stationary 1st Control	Stationary 1st Exp
NH2-GYRPQFYFR-COC	*	Stationary 1st Control	Stationary 1st Exp
NH2-ILELAGFLDSYIPEI	*	Stationary 1st Control	Stationary 1st Exp
NH2-M<Mox>VVTLIHI	*	Stationary 1st Control	Stationary 1st Exp
NH2-M<Mox>VVTLIHI	*	Stationary 1st Control	Stationary 1st Exp
NH2-MVVTLIHPIAM<M	*		Stationary 1st Exp
NH2-MVVTLIHPIAMDI	*		Stationary 1st Exp
NH2-NM<Mox>ITGAA	*		Stationary 1st Exp
NH2-NM<Mox>ITGAA	*		Stationary 1st Exp
NH2-QVGVPYIIVFLNK-	*	Stationary 1st Control	Stationary 1st Exp
NH2-STC<Cmm*>TGV	*	Stationary 1st Control	Stationary 1st Exp
NH2-TTDVTGTIELPEGV	*		Stationary 1st Exp
NH2-TTLTAAITTVLAK-	*	Stationary 1st Control	Stationary 1st Exp
NH2-VGEEVEIVGIK-CC	*	Stationary 1st Control	Stationary 1st Exp
NH2-VGEEVEIVGIKETC	*	Stationary 1st Control	Stationary 1st Exp
NH2-HLPSDTGIEVAFA	*		
NH2-TQLINLFEVADGK	*		
NH2-AFTSEEFTHFLEEL	*	Stationary 1st Control	
NH2-AVAAVNGPIAQA	*	Stationary 1st Control	Stationary 1st Exp
NH2-AVAAVNGPIAQA	*	Stationary 1st Control	
NH2-DAGYTAVISHR-C	*		Stationary 1st Exp
NH2-DQAGIDKIM<Mo	*		Stationary 1st Exp

NH2-FGANAILAVSLAN	*	Stationary 1st Exp
NH2-FGANAILAVSLAN	* Stationary 1st Control	Stationary 1st Exp
NH2-FNQIGSLTETLAA	* Stationary 1st Control	Stationary 1st Exp
NH2-GIANSILIK-COOH	*	Stationary 1st Exp
NH2-GM<Mox>NTAV	*	Stationary 1st Exp
NH2-GNPTVEAEVHLE	* Stationary 1st Control	Stationary 1st Exp
NH2-IMIDLDGTENK-C	*	Stationary 1st Exp
NH2-IQLVGDDLFVTNT	* Stationary 1st Control	Stationary 1st Exp
NH2-SGETEDATIADLA	* Stationary 1st Control	Stationary 1st Exp
NH2-SKFGANAILAVSL	*	Stationary 1st Exp
NH2-VLGDKIQLVGDDI	* Stationary 1st Control	Stationary 1st Exp
NH2-GPQLPAPNM<M	*	Stationary 1st Exp
NH2-GPQLPAPNM<M	*	Stationary 1st Exp
NH2-LIM<Mox>GLAD	*	Stationary 1st Exp
NH2-LIMGLADGEVLVI	*	Stationary 1st Exp
NH2-VGLFQDTSAF-CC	*	
NH2-FQVFGADAM<M	*	Stationary 1st Exp
NH2-FQVFGADAMR-C	*	Stationary 1st Exp
NH2-SGITFSQELK-COC	*	Stationary 1st Exp
NH2-AC<Cmm*>EEAA	*	Stationary 1st Exp
NH2-QLYNPVQWTK-C	*	
NH2-TWQTQPALLTAS	*	
NH2-ASTPLGVGGFGA	*	Stationary 1st Exp
NH2-IIAYGDADVM<M	*	Stationary 1st Exp
NH2-AEFGEVDILVNNA	*	
NH2-GITVNVVAPGFIE	*	
NH2-GLM<Mox>LNVT	*	
NH2-GLMLNVTDPASIE	*	
NH2-IIGTGSYLPEQVR-	* Stationary 1st Control	Stationary 1st Exp
NH2-AAVAFLGTAIDAG	*	
NH2-YFATGAATPGAA	*	Stationary 1st Exp
NH2-ILLSPC<Cmm*>G	*	Stationary 1st Exp
NH2-QFNNIGATTPVVI	*	Stationary 1st Exp
NH2-AGSLIAVLILR-CO	*	Stationary 1st Exp
NH2-GSAYGGVLSNFSC	*	
NH2-YSGSSYPFPTTSET	*	Stationary 1st Exp
NH2-AALMMGINR-CC	*	
NH2-VNSDVLTVSTVNS	*	
NH2-LDGVIPGWTEGLI	*	
NH2-LSDQEIEQTLQAF	*	Stationary 1st Exp
NH2-SAYALGASLGR-C	*	
NH2-EGVNSTESGLQFF	*	
NH2-LIDGTVFDSSVAR	* Stationary 1st Control	Stationary 1st Exp
NH2-WELTIPQELAYGE	*	Stationary 1st Exp
NH2-AITGIFFGSDTGN	* Stationary 1st Control	Stationary 1st Exp
NH2-GATIVGHWPTAG	*	Stationary 1st Exp
NH2-GLADDDHFVGLA	*	Stationary 1st Exp
NH2-QISEELHLDEILNA	*	

NH2-IIFAGTPDFAAR-C	*			Stationary 1st Exp
NH2-VAEEVAELLLAR-(	*			Stationary 1st Exp
NH2-SILLTALAR-COOH	*			Stationary 1st Exp
NH2-VTSVEAITDTVYR-	*			Stationary 1st Exp
NH2-AILQQIAAVR-CO(	*			Stationary 1st Exp
NH2-EVSQSVDDTIELV	*			Stationary 1st Exp
NH2-LFDYLTDTGNLPR	*			Stationary 1st Exp
NH2-SGEGLYFIDK-CO(	*			
NH2-SGEGLYFIDKELST	*			
NH2-SIIDKLSLAGK-CO(	*			
NH2-M<Mox>AFAEQ(	*			Stationary 1st Exp
NH2-VAPEALTLLAR-C(	*			Stationary 1st Exp
NH2-DVQLEQELLEEAC	*			Stationary 1st Exp
NH2-EILAQLSQYPVSTF	*			Stationary 1st Exp
NH2-GVLPTC<Cmm*>	*	Stationary 1st Control		Stationary 1st Exp
NH2-GVYNTYIEDNLR-(	*			Stationary 1st Exp
NH2-LASAHYYDELPTE	*			Stationary 1st Exp
NH2-YSQNAALDMYK-(	*			Stationary 1st Exp
NH2-AGIALNDNFVK-C	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-FDGTVEVKDGHL	*			Stationary 1st Exp
NH2-GANFDKYAGQDI	*			Stationary 1st Exp
NH2-GASQNIIPSSTGA	*			Stationary 1st Exp
NH2-LVSWYDNETGYS	*	Stationary 1st Control		Stationary 1st Exp
NH2-VINDNFGIIEGLM	*	Stationary 1st Control		Stationary 1st Exp
NH2-VINDNFGIIEGLM	*	Stationary 1st Control		Stationary 1st Exp
NH2-VLDLIAHISK-COC	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VPTPNVSVVDLTV	*	Stationary 1st Control		Stationary 1st Exp
NH2-VPTPNVSVVDLTV	*	Stationary 1st Control		Stationary 1st Exp
NH2-FSATFDDQM<M(	*			Stationary 1st Exp
NH2-FSATFDDQMLVD	*			Stationary 1st Exp
NH2-KVNPETTLFLVAS	*			Stationary 1st Exp
NH2-LLSNFFAQTEALA	*			Stationary 1st Exp
NH2-NINPTQTAAWQA	*			Stationary 1st Exp
NH2-SNTPILVDGKDVM	*			Stationary 1st Exp
NH2-TFSEAIISGEWK-C	*			Stationary 1st Exp
NH2-VFEGNRPTNSILL	*	Stationary 1st Control		Stationary 1st Exp
NH2-VNPETTLFLVASK-	*			Stationary 1st Exp
NH2-ADVAPSNLAIVGF	*			Stationary 1st Exp
NH2-IQSGELSAIPHQLI	*			Stationary 1st Exp
NH2-TAYWELVR-COO	*			Stationary 1st Exp
NH2-TGFNDSLLDIR-C(	*	Stationary 1st Control		Stationary 1st Exp
NH2-VGPALTFALR-CO	*			Stationary 1st Exp
NH2-AVFALGAGVDSIL	*			Stationary 1st Exp
NH2-LPDGAYLLNLAR-(	*			Stationary 1st Exp
NH2-AM<Mox>LAAEC	*			Stationary 1st Exp
NH2-AMLAAEQHVVTF	*			Stationary 1st Exp
NH2-DAGLVVEIAPFGG	*			
NH2-FLQEWE-COOH	*			

NH2-FVLGFAQSTVEK-	*		Stationary 1st Exp
NH2-GIAETAQC<Cmm	*		Stationary 1st Exp
NH2-LGEYLKPLAER-CO	*		Stationary 1st Exp
NH2-LLAAGIGDALATV	*		Stationary 1st Exp
NH2-SFKDAGLVVEIAP	*		Stationary 1st Exp
NH2-WLVVGDKFVLGF	*		Stationary 1st Exp
NH2-YIQGADVINR-CO	*		Stationary 1st Exp
NH2-YLLLPNNPNM<M	*		Stationary 1st Exp
NH2-YLLLPNNPNMVIV	*		Stationary 1st Exp
NH2-LALC<Cmm*>DIA	*		Stationary 1st Exp
NH2-VLSGPGLVNLYR-	*		Stationary 1st Exp
NH2-DVAEILLEGLR-CO	*		Stationary 1st Exp
NH2-AGGVFTDEAIDAY	*		Stationary 1st Exp
NH2-AGGVFTDEAIDAY	*		Stationary 1st Exp
NH2-AINALANPTTNSY	*		Stationary 1st Exp
NH2-C<Cmm*>DILEPC	*		Stationary 1st Exp
NH2-FGSSISGSHVAIDI	*		
NH2-GGYFPVPPVDSA(	*		Stationary 1st Exp
NH2-LVPGYEAPVM<M	*		Stationary 1st Exp
NH2-LVPGYEAPVMLA	*		Stationary 1st Exp
NH2-M<Mox>FDGSSI(	*		Stationary 1st Exp
NH2-M<Mox>TPHPVE	*		Stationary 1st Exp
NH2-MFDGSSIGGWK-	*		Stationary 1st Exp
NH2-SAEHVLTM<Mox	*		Stationary 1st Exp
NH2-SAEHVLTMLNEH	*		Stationary 1st Exp
NH2-YAGLSEQALYYIG(	*		
NH2-ADAVLHDTPNILY	*		
NH2-AVGDSLEAQQYG	*		Stationary 1st Exp
NH2-GLVNATGPWVK-	*		Stationary 1st Exp
NH2-LVLANAQMVVR-	*		
NH2-VSQWLVEYTQQF	*		
NH2-NLTLVAGINWPSI	*	Stationary 1st Control	
NH2-SAFDEFSTPAAR-(	*	Stationary 1st Control	
NH2-FAYVDILQNPDIR	*		
NH2-QIAENPILLYMK-(	*		
NH2-AM<Mox>VEVFL	*	Stationary 1st Control	
NH2-AAVLLADSFK-CO	*	Stationary 1st Control	Stationary 1st Exp
NH2-EGDVLLGISTSGN	*		Stationary 1st Exp
NH2-ELPLTESLALTIDR	*		Stationary 1st Exp
NH2-FTGWYDVDLSEK	*		Stationary 1st Exp
NH2-FTGWYDVDLSEK(	*		Stationary 1st Exp
NH2-GFAVTPPELTK-C(	*		Stationary 1st Exp
NH2-LSEKELPLTESLAL	*		Stationary 1st Exp
NH2-VIPYWNETILPR-(	*	Stationary 1st Control	Stationary 1st Exp
NH2-YYLGNADEIAAK-(	*	Stationary 1st Control	Stationary 1st Exp
NH2-AFFANPVLTGAVI	*	Stationary 1st Control	Stationary 1st Exp
NH2-AFVNADFDGFAR	*		Stationary 1st Exp
NH2-IYLHAFLDGR-CO(	*		Stationary 1st Exp

NH2-VATYDLQPEM<M	*		Stationary 1st Exp
NH2-VATYDLQPEMSS	*		Stationary 1st Exp
NH2-AANDDLLNSFWL	*	Stationary 1st Control	Stationary 1st Exp
NH2-AGYAEDEVVAVS	*		Stationary 1st Exp
NH2-EVPVEVKPEVR-C	*		Stationary 1st Exp
NH2-LGDIEYR-COOH	*		Stationary 1st Exp
NH2-LGDIEYREVPVEV	*	Stationary 1st Control	
NH2-VEGGQHLNVNVL	*		Stationary 1st Exp
NH2-ALEVADKANPDM	*		Stationary 1st Exp
NH2-ANPDM<Mox>SA	*		Stationary 1st Exp
NH2-DEKVANLEAQLA	*		Stationary 1st Exp
NH2-FINELLPVIDSLDR	*		Stationary 1st Exp
NH2-VANLEAQLAEAQ	*	Stationary 1st Control	Stationary 1st Exp
NH2-AFTGVGGTPLFIE	*		Stationary 1st Exp
NH2-ELIPGGVNSPVR-(	*		Stationary 1st Exp
NH2-GLSFGAPTEM<M	*		Stationary 1st Exp
NH2-IIGGGM<Mox>P	*		Stationary 1st Exp
NH2-IIGGGMPVGAFG	*		Stationary 1st Exp
NH2-YTLTC<Cmm*>T	*		Stationary 1st Exp
NH2-VNADGTLATTGH	*		Stationary 1st Exp
NH2-FNWETLIASR-CO	*		Stationary 1st Exp
NH2-M<Mox>AERPEV	*		Stationary 1st Exp
NH2-QLLAPVNSISR-CC	*		Stationary 1st Exp
NH2-EWVAVYYDNPDE	*	Stationary 1st Control	Stationary 1st Exp
NH2-TVAGFHLVGPWE	*		Stationary 1st Exp
NH2-ILVIAADER-COOH	*	Stationary 1st Control	Stationary 1st Exp
NH2-KLLTGDSPFAANA	*	Stationary 1st Control	Stationary 1st Exp
NH2-LLTGDSPFAANAL	*	Stationary 1st Control	Stationary 1st Exp
NH2-M<Mox>GM<M(	*	Stationary 1st Control	Stationary 1st Exp
NH2-M<Mox>GMNIIN	*	Stationary 1st Control	
NH2-MGM<Mox>NIIN	*	Stationary 1st Control	
NH2-AKGQSLQDPFLN	*		Stationary 1st Exp
NH2-ERVPVSIYLVNGIK	*		
NH2-GQSLQDPFLNALE	*		
NH2-LQGQIESFDQFVI	*		
NH2-VPVSIYLVNGIK-C	*		Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*		Stationary 1st Exp
NH2-AESFQAVADATLA	*		Stationary 1st Exp
NH2-AESFQAVADATLA	*		Stationary 1st Exp
NH2-ALNDKGITDILVVI	*		Stationary 1st Exp
NH2-ALNDKGITDILVVI	*		Stationary 1st Exp
NH2-EIPFLYASSAATYG	*		Stationary 1st Exp
NH2-ELLHYC<Cmm*>I	*		Stationary 1st Exp
NH2-EYEKPLNVYGYSK	*		Stationary 1st Exp
NH2-FLFDEYVR-COOH	*		Stationary 1st Exp
NH2-GITDILVVDNLK-C	*		Stationary 1st Exp
NH2-GITDILVVDNLKD(	*		Stationary 1st Exp
NH2-GQIEYIPFPDK-CC	*		Stationary 1st Exp

NH2-GQIEYIPFPDKLK-	*	Stationary 1st Exp
NH2-GRYQAFTQADLT	*	Stationary 1st Exp
NH2-GSM<Mox>ASVA	*	Stationary 1st Exp
NH2-GSMASVAFHLNT	*	Stationary 1st Exp
NH2-KGQIEYIPFPDK-C	*	Stationary 1st Exp
NH2-KGQIEYIPFPDKLK	*	Stationary 1st Exp
NH2-LFEGSENFK-COO	*	Stationary 1st Exp
NH2-LFEGSENFKR-CO	*	Stationary 1st Exp
NH2-M<Mox>IIVTGGA	*	Stationary 1st Exp
NH2-MIIVTGGAGFIGS	*	Stationary 1st Exp
NH2-QILPEANSQIVGF	*	Stationary 1st Exp
NH2-TSDFIESR-COOH	*	Stationary 1st Exp
NH2-TVAEGVTEYM<M	*	Stationary 1st Exp
NH2-TVAEGVTEYM<M	*	Stationary 1st Exp
NH2-TVAEGVTEYMAV	*	Stationary 1st Exp
NH2-TVAEGVTEYMAV	*	Stationary 1st Exp
NH2-YFNVYGPR-COOH	*	Stationary 1st Exp
NH2-YQAFTQADLTNLI	*	Stationary 1st Exp
NH2-ELVIALIK-COOH	*	
NH2-IIITSATIDPER-CO	*	
NH2-LLLLNIPSPIK-COO	*	
NH2-LPIEPISQASANQI	*	
NH2-LTFTALQQR-COO	*	
NH2-LYHEEEVTVYDPO	*	
NH2-YLFENFAVR-COO	*	Stationary 1st Exp
NH2-ALSNPDLYEGDGI	*	Stationary 1st Exp
NH2-ALSNPDLYEGDGI	*	Stationary 1st Exp
NH2-EGPAEDFANQEA	*	Stationary 1st Exp
NH2-FASTHTDSSAQTV	*	Stationary 1st Exp
NH2-GTLEDPNLFIR-CO	*	Stationary 1st Exp
NH2-IYYITADSYAAAK-	*	Stationary 1st Exp
NH2-VDESLEKLADEVD	*	Stationary 1st Exp
NH2-YSDHIALPVEIEK-(	*	Stationary 1st Exp
NH2-YSDHIALPVEIEKR	*	Stationary 1st Exp
NH2-EEFGGELIDGGPV	*	Stationary 1st Exp
NH2-VAIKGPLTTPVGG	*	Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*	
NH2-AEEAGVDLVEISP	*	
NH2-EALEKAEEAGVDL	*	
NH2-FRPGTDEGDYQV	*	
NH2-LTGLEGEQLGIVSI	*	
NH2-QM<Mox>IMVLA	*	
NH2-QMIM<Mox>VLA	*	
NH2-QMIMVLAPK-CO	*	
NH2-VKDDLQELAVVES	*	
NH2-VKDDLQELAVVES	*	
NH2-AEM<Mox>SEYLI	*	
NH2-AEM<Mox>SEYLI	*	

NH2-AEMSEYLFDK-CC	*		
NH2-AEMSEYLFDKLGL	*		
NH2-ELVELFFEEIR-CO	*		
NH2-ELVELFFEEIRR-C	*		
NH2-LSGFGNFDLR-CO	*		Stationary 1st Exp
NH2-TGEDIPITAR-COC	*		
NH2-GFGSFSLHYR-CO	*		Stationary 1st Exp
NH2-TVEDAVKEM<M	*		
NH2-AEIVASFER-COO	*	Stationary 1st Control	Stationary 1st Exp
NH2-EYDHIKDVNDLPE	*		Stationary 1st Exp
NH2-VEGWENAEAAKA	*		Stationary 1st Exp
NH2-FTNPNVKDEC<C	*		Stationary 1st Exp
NH2-SLQFLDGTQLDFV	*		Stationary 1st Exp
NH2-ALGLNDELAHSSI	*		Stationary 1st Exp
NH2-EGFEVTYLAPQR-	*		Stationary 1st Exp
NH2-EIVFTSGATESDN	*		Stationary 1st Exp
NH2-FGWQAEEAVDIA	*		Stationary 1st Exp
NH2-NQIADLVGADPR	*		Stationary 1st Exp
NH2-SGTLPVHQIVGM	*		Stationary 1st Exp
NH2-VTRPEDLALAEFY	*	Stationary 1st Control	
NH2-IILLGAPGAGK-CC	*		Stationary 1st Exp
NH2-LVTDELVIALVK-C	*	Stationary 1st Control	Stationary 1st Exp
NH2-YGIPQISTGDM<M	*	Stationary 1st Control	
NH2-IHVAVAQEVPGTC	*		Stationary 1st Exp
NH2-SFVVIIPAR-COOH	*		Stationary 1st Exp
NH2-LIAFSDLLEK-COO	*		Stationary 1st Exp
NH2-VGLSVAVADAHP	*		Stationary 1st Exp
NH2-SSLIQALLK-COOH	*		Stationary 1st Exp
NH2-EITSTDDFYR-COC	*		Stationary 1st Exp
NH2-GAVETAEKLDAPL	*		Stationary 1st Exp
NH2-GDLGVEIPVEEVI	*	Stationary 1st Control	Stationary 1st Exp
NH2-TAAILLDTKGPEIR	*	Stationary 1st Control	Stationary 1st Exp
NH2-ISSGLPIFAM<Mo	*		Stationary 1st Exp
NH2-TLNLTALYR-COO	*		Stationary 1st Exp
NH2-ALDILTATPPDVFI	*	Stationary 1st Control	
NH2-DGGAQHFADC<C	*	Stationary 1st Control	
NH2-IETLVPDFR-COOI	*	Stationary 1st Control	
NH2-NPYLTYAR-COOH	*		
NH2-VIIGDRVEIGAC<C	*		
NH2-PLLDSFTVDHTR-C	*	Stationary 1st Control	Stationary 1st Exp
NH2-TM<Mox>NTPHC	*		Stationary 1st Exp
NH2-AGLTFLVDLIK-CC	*	Stationary 1st Control	Stationary 1st Exp
NH2-FGGYAQSGLLAEI	*		
NH2-LYPFTWDAVR-CC	*		Stationary 1st Exp
NH2-TWEEIPALDKELK	*		Stationary 1st Exp
NH2-VNYGVTVLPTFK-	*	Stationary 1st Control	Stationary 1st Exp
NH2-GYWEC<Cmm*>	*		
NH2-FGELPFLFK-COOI	*		Stationary 1st Exp

NH2-LINSVQNYAWGS	*	Stationary 1st Control		Stationary 1st Exp
NH2-SALDSQQGEPWC	*			Stationary 1st Exp
NH2-YIDIPELVANVK-C	*			Stationary 1st Exp
NH2-DAVNGTISYTNEA	*			Stationary 1st Exp
NH2-EQDAPITADQLLA	*			Stationary 1st Exp
NH2-GSGPYFYLPK-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-IYQLKPNPAVLIC<	*			Stationary 1st Exp
NH2-LM<Mox>EQITTS	*			Stationary 1st Exp
NH2-QAVTM<Mox>DI	*			Stationary 1st Exp
NH2-QAVTMDKPFLNA	*			Stationary 1st Exp
NH2-QM<Mox>LGEEM	*			Stationary 1st Exp
NH2-RVEITGPVER-CO	*			Stationary 1st Exp
NH2-TEQATTTDELAFT	*			Stationary 1st Exp
NH2-VFM<Mox>ADFE	*			Stationary 1st Exp
NH2-VFMADFEDSLAP	*			Stationary 1st Exp
NH2-VIASELGEER-COC	*			Stationary 1st Exp
NH2-VIDGQINLR-COO	*			Stationary 1st Exp
NH2-LNLVQSIITR-COC	*	Stationary 1st Control		Stationary 1st Exp
NH2-M<Mox>AIPEQP	*			Stationary 1st Exp
NH2-YIDDVFTEGHGTL	*			Stationary 1st Exp
NH2-AC<Cmm*>IGIIT	*			Stationary 1st Exp
NH2-ALQGEQGVVEC<	*			Stationary 1st Exp
NH2-DIALGEEFVNK-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-FFSQPLLLGK-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-GFSGEDATPALEG	*			Stationary 1st Exp
NH2-LFGVTTLDIIR-CO	*			Stationary 1st Exp
NH2-SDLFNVNAGIVK-	*			Stationary 1st Exp
NH2-FFINPTGR-COOH	*			Stationary 1st Exp
NH2-VPSEQLTLLVR-CO	*			Stationary 1st Exp
NH2-WKLLKEK-COOH	*			
NH2-IKLVGVIPEDQSVI	*			Stationary 1st Exp
NH2-LVGVIPEDQSVLR	*			Stationary 1st Exp
NH2-TENLYILPASQTR-	*			Stationary 1st Exp
NH2-ALLDFFLSR-COOH	*			
NH2-KNTANIAK-COOH	*		Stationary 2nd Control	
NH2-SQVSTEFIPTR-CO	*			Stationary 1st Exp
NH2-TAWENIIAPQLDA	*			Stationary 1st Exp
NH2-TLIFAM<Mox>PC	*			Stationary 1st Exp
NH2-LADIASGQPLPVA	*			Stationary 1st Exp
NH2-IIAVLEPR-COOH	*			Stationary 1st Exp
NH2-IIWPENDINLK-CO	*			Stationary 1st Exp
NH2-HEDFPYQEILLTR-	*			Stationary 1st Exp
NH2-M<Mox>DSSFTP	*	Stationary 1st Control		Stationary 1st Exp
NH2-VLVC<Cmm*>VP	*			Stationary 1st Exp
NH2-HLVSPADALPGR-	*	Stationary 1st Control		Stationary 1st Exp
NH2-SAIYPLTPEQDAA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-SLVLGISGGQDST	*			Stationary 1st Exp
NH2-YGDGGTDINPLYF	*	Stationary 1st Control		Stationary 1st Exp

NH2-SRLPQNITLTEV-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-LLANQEEGTQIR-	*			
NH2-QLLNEFPELK-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-VEYM<Mox>LQS	*	Stationary 1st Control		Stationary 1st Exp
NH2-VEYMLQSQINPQ	*			Stationary 1st Exp
NH2-M<Mox>TSISEVT	*			
NH2-IEVPEIGEEVIEIK-	*			Stationary 1st Exp
NH2-VAINEAIELAK-CC	*			Stationary 1st Exp
#Acetyl (Protein N-ter	*	Stationary 1st Control		
#Gln->pyro-Glu (N-ter	*	Stationary 1st Control	Stationary 2nd Control	
#Gln->pyro-Glu (N-ter	*		Stationary 2nd Control	
NH2-ALNVM<Mox>LK	*	Stationary 1st Control		
NH2-ALNVMLK-COOH	*		Stationary 2nd Control	
NH2-AQYLIDQLLAEAR	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-AQYLIDQLLAEAR	*	Stationary 1st Control		
NH2-ARNEQDGGDLVY	*	Stationary 1st Control	Stationary 2nd Control	
NH2-ATVILAHTIK-COC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DLELGGHM<Mox	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DRFNVPVSDADIE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DRFNVPVSDADIE	*		Stationary 2nd Control	
NH2-DRLVPIIADEAR-C	*		Stationary 2nd Control	
NH2-DWLQAIESVIR-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DWLQAIESVIREE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DYGVGSDVYSVT	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EAAEILAK-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EHFFGKYPETAAL	*		Stationary 2nd Control	
NH2-EISTTIAFVR-COO	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-EKLDNLVFVINC<	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EQVAYYK-COOH	*	Stationary 1st Control		
NH2-EQVAYYKEDEK-C	*	Stationary 1st Control		
NH2-FNIDADKVNPR-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FNVPVSDADIEK-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FNVPVSDADIEKL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FPNDVDPIETR-C	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-GAITIATR-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GFLIGGTSGR-CO	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GGVNVAAGTGIS	*		Stationary 2nd Control	
NH2-GIYKLETIEGSK-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GKATVILAHTIK-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GKVQLLGSGSILR	*	Stationary 1st Control	Stationary 2nd Control	
NH2-GYGMGDAAEGK	*		Stationary 2nd Control	
NH2-HHFEVDASYVVV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-IGDLC<Cmm*>W	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-IINELEGIFEGAGV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KGGVNVAAGTGI	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KGGVNVAAGTGI	*	Stationary 1st Control		
NH2-KGIYKLETIEGSK-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KIYAAFK-COOH	*	Stationary 1st Control		

NH2-LDNLVFVINC<Cm	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LELPSLQDFGALLI	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LETIEGSK-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LFAEQVR-COOH	*	Stationary 1st Control		
NH2-LIQLM<Mox>NE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LIQLMNETVDGD	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LM<Mox>PEFWC	*	Stationary 1st Control		
NH2-LM<Mox>PEFWC	*		Stationary 2nd Control	
NH2-LMPEFWQFPTVS	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LPYITFPEGSEEHT	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LTQEQLDNFR-CC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-LVPIIADEAR-COC	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-NEQDGGDLVYFC	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-QENVYYYITTLNE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-QENVYYYITTLNE	*		Stationary 2nd Control	
NH2-QIGIYSPNGQQYT	*	Stationary 1st Control		
NH2-QIGIYSPNGQQYT	*	Stationary 1st Control		
NH2-QPNFTEKLELPSLC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-QTVYAFLGDGEM	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-QTVYAFLGDGEM	*	Stationary 1st Control	Stationary 2nd Control	
NH2-SERFPNDVDPIET	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-TFGM<Mox>EGL	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-TFGMEGLFR-COC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TYVPADDYR-COC	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VLGTDGFGR-COC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VPYIAQVM<Mox	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VPYIAQVM<Mox	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VPYIAQVMNDAP	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VPYIAQVMNDAP	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VQLLGSGSILR-CC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-WDELLR-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-WNAIM<Mox>TV	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-WNAIMTVLR-CO	*	Stationary 1st Control	Stationary 2nd Control	
NH2-WNM<Mox>LHP	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-WNMLHPLETPR-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-YPETAALVADWT	*	Stationary 1st Control	Stationary 2nd Control	
#Gln->pyro-Glu (N-ter	*		Stationary 2nd Control	
NH2-AEAAPAATGGGII	*	Stationary 1st Control	Stationary 2nd Control	
NH2-AEAAPAATGGGII	*	Stationary 1st Control	Stationary 2nd Control	
NH2-AEAPAAAPAAK-C	*		Stationary 2nd Control	
NH2-AEGKSEFAENDA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-AEGKSEFAENDA	*	Stationary 1st Control		
NH2-AIEIKVPDIGADEV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-AVAAALEQM<M	*	Stationary 1st Control	Stationary 2nd Control	
NH2-AVAAALEQMPR-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-DVNVPDIGSDEVI	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EAAPAAAPAAAA	*		Stationary 2nd Control	

NH2-EFGVNLAK-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EVNVPDIGGDEV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-EVNVPDIGGDEV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FGEIEEVELGR-CC	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-FITIINNTLSDIR-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FITIINNTLSDIRR-	*	Stationary 1st Control	Stationary 2nd Control	
NH2-FNSSLSEDGQR-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-ILREDVQAYVK-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-ISGANLSR-COOH	*	Stationary 1st Control	Stationary 2nd Control	
NH2-ITPVVFIM<Mox>	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-ITPVVFIMK-COO	*	Stationary 1st Control	Stationary 2nd Control	
NH2-KGIIELSR-COOH	*	Stationary 1st Control		
NH2-KLDVKITPVVFIM-	*	Stationary 1st Control		
NH2-KLDVKITPVVFIM	*	Stationary 1st Control		
NH2-KYINIGVAVDTPN	*	Stationary 1st Control		
NH2-KYINIGVAVDTPN	*	Stationary 1st Control		
NH2-LM<Mox>LPISLS	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-LMLPISLSFDHR-C	*	Stationary 1st Control	Stationary 2nd Control	
NH2-QEAAPAAAPAPA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-RAEAAPAATGGG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-RAEAAPAATGGG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-SAM<Mox>EPVV	*	Stationary 1st Control	Stationary 2nd Control	
NH2-SAM<Mox>EPVV	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-SAMEPVWNGK-C	*		Stationary 2nd Control	
NH2-SAMEPVWNGKE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-SEFAENDAYVHA	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-SEFAENDAYVHA	*	Stationary 1st Control		
NH2-TDITELEAFR-COC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TDITELEAFRK-CC	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TGSLIM<Mox>IF	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TGSLIM<Mox>IF	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TGSLIMIFEVEGA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TGSLIMIFEVEGA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-TQTGALIM<Mox	*	Stationary 1st Control		
NH2-TQTGALIMIFDSA	*		Stationary 2nd Control	
NH2-TQTGALIMIFDSA	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VDFSKFGEIEEVEL	*	Stationary 1st Control		
NH2-VIDGADGAR-CO	*		Stationary 2nd Control	
NH2-VNVGDKVSTGSL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VNVGDKVSTGSL	*		Stationary 2nd Control	
NH2-VPDIGADEVEITE	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VSTGSLIM<Mox>	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VSTGSLIMVFEVA	*		Stationary 2nd Control	
NH2-VSVGDKTQTGAL	*	Stationary 1st Control		
NH2-VSVGDKTQTGAL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-VSVGDKTQTGAL	*	Stationary 1st Control	Stationary 2nd Control	
NH2-YINIGVAVDTPNG	*	Stationary 1st Control	Stationary 2nd Control	

NH2-YINIGVAVDTPNG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-YINIGVAVDTPNG	*	Stationary 1st Control	Stationary 2nd Control	
NH2-YLTEQGFQVR-CC	*			Stationary 1st Exp
NH2-ETGQSFLDNILSR-	*	Stationary 1st Control		Stationary 1st Exp
NH2-FEEEGIFNR-COO	*			Stationary 1st Exp
NH2-NYQAALFILR-CO	*			Stationary 1st Exp
NH2-QLEFGLFDFR-CO	*			Stationary 1st Exp
NH2-AQGNM<Mox>P	*			Stationary 1st Exp
NH2-SPAFDSIM<Mox>	*			Stationary 1st Exp
NH2-SPAFDSIMAETLK	*			Stationary 1st Exp
NH2-AEITLDYQLK-CO	*			Stationary 1st Exp
NH2-AEITLDYQLKS-CC	*			Stationary 1st Exp
NH2-GKGTVSTESGVLN	*	Stationary 1st Control		Stationary 1st Exp
NH2-GTVSTESGVLNQ	*			Stationary 1st Exp
NH2-IALKSEVAVPGIDA	*			Stationary 1st Exp
NH2-TEVYPIGIEPK-CO	*			Stationary 1st Exp
NH2-AVILVAAWLGDA	*			Stationary 1st Exp
NH2-M<Mox>LIIETLPI	*			Stationary 1st Exp
NH2-DTFWWADKGK-	*			Stationary 1st Exp
NH2-EAEPEIYNAIR-CO	*			Stationary 1st Exp
NH2-GVLTNLGAVAVD	*			Stationary 1st Exp
NH2-LFIDNFDKYTDTP	*			Stationary 1st Exp
NH2-LFVVDAFC<Cmm	*			Stationary 1st Exp
NH2-M<Mox>QLIGGT	*			Stationary 1st Exp
NH2-NDNKPLSPETWC	*			Stationary 1st Exp
NH2-VIFLTADAFGVLPI	*			Stationary 1st Exp
NH2-VSYPIYHIDNIVKP	*			Stationary 1st Exp
NH2-EAVPAGFETFK-C	*			Stationary 1st Exp
NH2-ADGIGSLLPAAR-	*			Stationary 1st Exp
NH2-ALQLGIEASNINPI	*			Stationary 1st Exp
NH2-GNIGYIGPVPER-	*			Stationary 1st Exp
NH2-FLNYVSLDTQSK-	*			Stationary 1st Exp
NH2-GVM<Mox>VNA	*			Stationary 1st Exp
NH2-IELLPYHELGK-CO	*			Stationary 1st Exp
NH2-YVVVPGWSDDDI	*			Stationary 1st Exp
NH2-EM<Mox>LLDAM	*			Stationary 1st Exp
NH2-ITEQEAQEM<Mo	*			Stationary 1st Exp
NH2-IVGLQTEAPLKR-	*			Stationary 1st Exp
NH2-LATAWEGFTK-CC	*			Stationary 1st Exp
NH2-QMQFFGAR-COC	*			Stationary 1st Exp
NH2-SEPIKGDVLNYDE	*			Stationary 1st Exp
NH2-SGVLTGLPDAYGF	*			Stationary 1st Exp
NH2-TSTFLDVYIER-CO	*			Stationary 1st Exp
NH2-VALYGIDYLMK-C	*			Stationary 1st Exp
NH2-VDDLAVDLVER-C	*			Stationary 1st Exp
NH2-ASLPTIELALK-CO	*	Stationary 1st Control		Stationary 1st Exp
NH2-FADVAC<Cmm*>	*	Stationary 1st Control		Stationary 1st Exp
NH2-IADQLIVGGGIAN	*	Stationary 1st Control		Stationary 1st Exp

NH2-ISYISTGGGAFLEF	*			Stationary 1st Exp
NH2-LLTTC<Cmm*>N	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-LTVLDSLSK-COOI	*	Stationary 1st Control		Stationary 1st Exp
NH2-SLYEADLVDEAK-(	*	Stationary 1st Control		Stationary 1st Exp
NH2-SLYEADLVDEAKR	*	Stationary 1st Control		Stationary 1st Exp
NH2-TILWNGPVGVFEI	*			Stationary 1st Exp
NH2-VATEFSETAPATL	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
NH2-VLPAVAM<Mox>	*	Stationary 1st Control		Stationary 1st Exp
NH2-VLPAVAMLEER-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-YAALC<Cmm*>D	*	Stationary 1st Control		Stationary 1st Exp
NH2-YAALC<Cmm*>D	*			Stationary 1st Exp
NH2-ANALLADGLK-CC	*			
NH2-SNDVSLPILVLTAF	*			
NH2-FNDGDFLR-COOI	*			Stationary 1st Exp
NH2-LIPAADISEQISTA(	*			Stationary 1st Exp
NH2-LWQATHAHPFDL	*			
NH2-NIIFAINK-COOH	*			Stationary 1st Exp
NH2-QC<Cmm*>NPAI	*			Stationary 1st Exp
NH2-SNYPWFR-COOH	*			Stationary 1st Exp
NH2-TFAYTNHTLM<M	*			Stationary 1st Exp
NH2-TGIEINPQAIFDIQ	*			
NH2-VADVINNDPLVG	*			
NH2-VADVINNDPLVG	*			Stationary 1st Exp
NH2-VGEENIFIFGHTVI	*			Stationary 1st Exp
NH2-VVFLPDYC<Cmm	*			
NH2-YGLNSAAEMTPR	*			Stationary 1st Exp
NH2-AAVAGIAMGLVK	*			Stationary 1st Exp
NH2-AKPGQDFFPLTVI	*			Stationary 1st Exp
NH2-ALTEETGTTIEIED	*			Stationary 1st Exp
NH2-DAQVLDELM<M(	*			Stationary 1st Exp
NH2-EIMQVALNQAK-(	*			
NH2-GDISEFAPR-COO	*			Stationary 1st Exp
NH2-GETQALVTATLGT	*			Stationary 1st Exp
NH2-IVDFGAFVAIGGG	*			
NH2-LHILGVM<Mox>I	*			Stationary 1st Exp
NH2-RIEEITAEIEVGR-C	*			
NH2-EGFYNNTIFHR-C(	*			Stationary 1st Exp
NH2-VINGFM<Mox>IC	*			Stationary 1st Exp
NH2-AGQNAM<Mox>	*			
NH2-EEQHTPVSDISAL	*			
NH2-EVIAFLAER-COOI	*			Stationary 1st Exp
NH2-IGIFQDLVDR-CO(	*			Stationary 1st Exp
NH2-LYTSSWR-COOH	*			Stationary 1st Exp
NH2-VDLDGNPC<Cmr	*			
NH2-VQLNSGM<Mox	*			
NH2-VQLNSGMSLIVR-	*			
NH2-DAAYHFQGDADI	*			
NH2-DLQSIADYPVK-C(	*			

NH2-IGAAASNTNADW	*		
NH2-LDLENAILIHDPQI	*		
NH2-LQYYVNTDQLVV	*		
NH2-TANDFYIPEDEPF	*		
NH2-ALLLKEDEIVIDR-(	*		Stationary 1st Exp
NH2-DALPTEEEQFAAY	*		Stationary 1st Exp
NH2-EENPFLGWR-CO(	*	Stationary 1st Control	Stationary 1st Exp
NH2-M<Mox>ISGILAS	*		Stationary 1st Exp
NH2-SLELPAIVGTGSVT	*		Stationary 1st Exp
NH2-VLAEQALAQPTTD	*		Stationary 1st Exp
NH2-VLGFITDAGGR-C	*		Stationary 1st Exp
NH2-LSGSVTVGETPVII	*	Stationary 1st Control	Stationary 1st Exp
NH2-VGDTVIEFDLPLLE	*		Stationary 1st Exp
NH2-VKVGDTVIEFDLP	*		Stationary 1st Exp
NH2-IIVVSDEVAADTV	*		Stationary 1st Exp
NH2-ALEIISELAAK-CO(	*		Stationary 1st Exp
NH2-AVQLNSLSGFC<C	*		Stationary 1st Exp
NH2-EVTTTPLAADDW	*		Stationary 1st Exp
NH2-GNNVVVLGTQW	*		Stationary 1st Exp
NH2-GNNVVVLGTQW	*		Stationary 1st Exp
NH2-IVDLLTER-COOH	*		Stationary 1st Exp
NH2-SGLPQAALNYIK-(	*		Stationary 1st Exp
NH2-TGWLDTVAVR-C(	*		Stationary 1st Exp
NH2-TVLHLIPSGILR-C(	*		Stationary 1st Exp
NH2-VGDLFDKETFAEK	*		Stationary 1st Exp
NH2-YVDYVLGILK-CO(	*		Stationary 1st Exp
NH2-GLDAILVPGGFGY	*		Stationary 1st Exp
NH2-AIGINFIDTYIR-CO	*		Stationary 1st Exp
NH2-ILLINPTDSDAVGN	*		Stationary 1st Exp
NH2-LAATIAQLPDQIG	*		Stationary 1st Exp
NH2-ISGDYAYGWLR-C	*		Stationary 1st Exp
NH2-VLLFGQAIQTAGT	*		Stationary 1st Exp
NH2-DVIILLDSITR-COO	*		
NH2-KQDIIFAILK-COO	*		
NH2-QDIIFAILK-COOH	*		
NH2-VLDLASPIGR-CO(	*		
NH2-ANLVPHF-COOH	*		Stationary 1st Exp
NH2-AVDGEM<Mox>I	*		Stationary 1st Exp
NH2-AVDGEM<Mox>I	*		Stationary 1st Exp
NH2-AVDGEMITVTVE(	*		Stationary 1st Exp
NH2-AVDGEMITVTVE(	*		Stationary 1st Exp
NH2-DEVFALSNIQK-C(	*		Stationary 1st Exp
NH2-FVGEEVTLVLR-C(	*		Stationary 1st Exp
NH2-PLFTAEHYAR-CO	*		Stationary 1st Exp
NH2-AAGAELVGM<M	*		
NH2-AAGAELVGMEDL	*		
NH2-QYDINEAIALLK-C	*		
NH2-VAVFTQGANAEA	*		

NH2-VVGQLGQVLGPR	*	
NH2-GLPIPVVITVYADF	*	
NH2-FDGNAC<Cmm*	*	
NH2-YAGVGDIIK-COO	*	
NH2-VEGGVVDLNTLK-	*	
NH2-VILAGEVTTPVTV	*	
NH2-GLAQGTDVSFGS	*	
NH2-VVEPLITLAK-COC	*	Stationary 1st Exp
NH2-SAGTYVQIVAR-C	*	
NH2-SANIALVLYK-COC	*	
NH2-ILADIAVFDK-COC	*	
NH2-VAFQAVIK-COOH	*	
NH2-VAFTALVEK-COC	*	
NH2-IGVPFVDGGVIK-	*	
NH2-EAAIQVSNVAIFN	*	
NH2-VIVEGINLVK-COC	*	
NH2-DAQSALTVSETTF	*	
NH2-DATGIDPVSLIAFD	*	
NH2-DFNEALVHQVVV	*	
NH2-DVQFIEQFR-COC	*	
NH2-FGC<Cmm*>ATR	*	
NH2-FIFNAER-COOH	*	Stationary 1st Exp
NH2-FYEAVMSSHAR-	*	
NH2-M<Mox>C<Cmm	*	
NH2-MC<Cmm*>SSPE	*	
NH2-DFDDAVYC<Cmn	*	
NH2-DGQLVFTR-COO	*	
NH2-DGYGFLR-COOH	*	
NH2-DLPLVTIDGEDAR	*	Stationary 1st Exp
NH2-DLPLVTIDGEDAR	*	
NH2-DYAELLESVADRP	*	
NH2-EFILEHLTK-COOH	*	Stationary 1st Exp
NH2-EFILEHLTKR-COC	*	
NH2-GGISFESEEAK-CC	*	
NH2-GHFGLALQSYAH	*	
NH2-GVISSVTGFGFFV	*	
NH2-IHDKPSTEAITSFR	*	
NH2-IVEVLGDNM<Mc	*	
NH2-IVEVLGDNM<Mc	*	
NH2-IVEVLGDNMGTG	*	
NH2-IVEVLGDNMGTG	*	
NH2-KIDFSLISSER-COC	*	Stationary 1st Exp
NH2-KVNFEPDSAFRGE	*	
NH2-LDDLFIDGLVHVS	*	
NH2-LIEEC<Cmm*>M	*	
NH2-LIEEC<Cmm*>M	*	
NH2-LSFDILIPPDQIMG	*	
NH2-LWVAIADVSYYVF	*	

NH2-M<Mox>GFVVV	*	
NH2-MGFVVVVELTQR	*	
NH2-QAIYDPENR-COC	*	
NH2-SVLAELGLELPGG	*	Stationary 1st Exp
NH2-TC<Cmm*>IHGD	*	
NH2-THEIPYIWPQAVE	*	
NH2-VNFEPDSAFR-CO	*	
NH2-VNFEPDSAFRGEK	*	
NH2-VWHILQGDQDLF	*	
NH2-VWHILQGDQDLF	*	
NH2-YFTEAGVGFVVPD	*	Stationary 1st Exp
NH2-AATILAEQLEAFV	*	
NH2-AEAIHYIGDLVQR	*	
NH2-LLVDAC<Cmm*>	*	Stationary 1st Exp
NH2-SLTEIKDVLASR-C	*	
NH2-VTLEPLER-COOH	*	
NH2-ALEIEEM<Mox>C	*	
NH2-ALEIEEMQLK-CO	*	
NH2-AVAVDSGVTAVA	*	
NH2-AVLVAGGVEAEK	*	
NH2-AYDLGADVR-CO	*	
NH2-FIEQDPEGQYGLE	*	
NH2-GGVVQYVDASR-	*	
NH2-GM<Mox>PIATP	*	
NH2-GMPIATPVFDGA	*	
NH2-ISALGPGGLTR-CO	*	
NH2-ITQGDDLAPGVLK	*	
NH2-KLPATIILR-COOH	*	
NH2-LGDLPTSGQIR-CO	*	
NH2-LGEPVFDVQEC<C	*	
NH2-LGPEEITADIPNVC	*	
NH2-LIEVPVEYIAGK-C	*	
NH2-LPATIILR-COOH	*	
NH2-LSALVEIYR-COOH	*	
NH2-MNIGQILETHLGM	*	
NH2-QKVDLSTFSDEEV	*	
NH2-STGSYSLVTQQPL	*	
NH2-SVFPIQSYSGNSEI	*	
NH2-SVGEM<Mox>AE	*	
NH2-SVGEMAENQFR-	*	
NH2-AILWM<Mox>IV	*	
NH2-AILWMIVPK-COC	*	
NH2-EGLNVLQYFISTH	*	
NH2-FATSDLNDLYR-C	*	
NH2-FTDM<Mox>IDG	*	
NH2-FTDMIDGQTITR-	*	
NH2-GLMAKPDGSIIET	*	
NH2-GLPYSIVNQALGK	*	

NH2-IALASPDMIR-CO	*	
NH2-IGLLLDM<Mox>F	*	
NH2-LGIQAFEPVLIEGK	*	
NH2-LIDEFGR-COOH	*	
NH2-LLDLAAPDIIVR-C	*	
NH2-LVITPVDGSDPYE	*	
NH2-M<Mox>GAEAIC	*	
NH2-MGAEAIQALLK-C	*	
NH2-QLNVFEGER-COO	*	
NH2-SVITVGPYLR-COO	*	
NH2-SWSFGEVK-COO	*	
NH2-VADLFEAR-COOH	*	
NH2-VIDIWAAANDR-C	*	
NH2-VTAEDVLKPGTAD	*	
NH2-YIVNEVQDVYR-C	*	
NH2-AIM<Mox>ASDL	*	Stationary 1st Exp
NH2-ASPSLLDGIVVEY	*	Stationary 1st Exp
NH2-IEAALADKEAELM	*	Stationary 1st Exp
NH2-KIEAALADKEAELI	*	Stationary 1st Exp
NH2-VPLPPLTEER-COO	*	Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*	
#Gln->pyro-Glu (N-ter	*	
#Gln->pyro-Glu (N-ter	*	
NH2-AFLPGSLVDVR-C	*	
NH2-AFLPGSLVDVRPV	*	Stationary 1st Exp
NH2-AKDEADEKDAIAT	*	
NH2-ANPWQQFAETH	*	
NH2-ANPWQQFAETH	*	
NH2-ANPWQQFAETH	*	
NH2-AVIESENSAERDQ	*	
NH2-AVIESENSAERDQ	*	
NH2-AYEDAETVTGVIN	*	Stationary 1st Exp
NH2-DQLLENLQEGM<	*	
NH2-DQLLENLQEGME	*	
NH2-DRVEDATLVLSVG	*	Stationary 1st Exp
NH2-DTLHLEGK-COOH	*	
NH2-DTLHLEGKELEFK-	*	Stationary 1st Exp
NH2-DVVLVDAGLK-CO	*	
NH2-EYKKGDEIAAVVL	*	
NH2-GATVELADGVEG	*	Stationary 1st Exp
NH2-GDEIAAVVLQVDA	*	
NH2-GDEIAAVVLQVDA	*	
NH2-GGFTVELNGIR-C	*	Stationary 1st Exp
NH2-GVVVAIDKDVVLV	*	Stationary 1st Exp
NH2-GVVVAIDKDVVLV	*	Stationary 1st Exp
NH2-HEAWITLEK-COO	*	Stationary 1st Exp
NH2-HPSEIVNVGDEIT	*	
NH2-KGDEIAAVVLQVD	*	

NH2-KGDEIAAVVLQVD	*	Stationary 1st Exp
NH2-M<Mox>TESFAQ	*	
NH2-M<Mox>TESFAQ	*	
NH2-M<Mox>TESFAQ	*	
NH2-MTESFAQLFEESL	*	
NH2-MTESFAQLFEESL	*	
NH2-NLTDYGAFVDLG	*	
NH2-NLTDYGAFVDLG	*	
NH2-NLTDYGAFVDLG	*	
NH2-QEDANFSNNAM	*	
NH2-QEDANFSNNAM	*	
NH2-QLAEDPFNNWVA	*	Stationary 1st Exp
NH2-QLAEDPFNNWVA	*	Stationary 1st Exp
NH2-QLGEDPWVAIAK	*	Stationary 1st Exp
NH2-RAVIESENSAERD	*	
NH2-RAVIESENSAERD	*	
NH2-RHEAWITLEK-CO	*	
NH2-SESAIPAEQFK-CO	*	
NH2-TESFAQLFEESLK-	*	
NH2-TESFAQLFEESLKE	*	
NH2-TESFAQLFEESLKE	*	
NH2-TRVSLGLK-COOH	*	
NH2-VEDATLVLSVGDE	*	
NH2-VKGGFTVELNGIR	*	Stationary 1st Exp
NH2-VKHPSEIVNVGDE	*	
NH2-VTNLTDYGC<Cm	*	
NH2-VVNVGDVVEVM	*	
NH2-VVNVGDVVEVM	*	
NH2-VVNVGDVVEVM	*	
NH2-VVNVGDVVEVM	*	
NH2-VVNVGDVVEVM	*	
NH2-ERFTVLISPHVNK	*	
NH2-FTVLISPHVNK-CO	*	Stationary 1st Exp
NH2-FTVLISPHVNKDA	*	
NH2-GPIPLPTR-COOH	*	
NH2-GPIPLPTRK-COO	*	
NH2-LIDQATAEIVETAK	*	Stationary 1st Exp
NH2-LIDQATAEIVETAK	*	Stationary 1st Exp
NH2-LVDIVEPTEK-COO	*	Stationary 1st Exp
NH2-LVDIVEPTEKTVDA	*	
#Gln->pyro-Glu (N-ter	*	
#Gln->pyro-Glu (N-ter	*	
NH2-ALNAAGFR-COO	*	
NH2-KSTPFAAQVAAEE	*	
NH2-QGNALGWATAG	*	
NH2-QVSDGVAHIHAS	*	
NH2-STPFAAQVAAER-	*	
NH2-ATVNQLVR-COO	*	Stationary 1st Exp

NH2-GALDC<Cmm*>S	*	Stationary 1st Exp
NH2-GALDC<Cmm*>S	*	
NH2-LTNGFEVTSYIGG	*	Stationary 1st Exp
NH2-SNVPALEAC<Cm	*	Stationary 1st Exp
NH2-SNVPALEAC<Cm	*	Stationary 1st Exp
NH2-VKD<#Methylthi	*	Stationary 1st Exp
NH2-VRLTNGFEVTSYI	*	Stationary 1st Exp
NH2-AILAAAGIAEDVK	*	Stationary 1st Exp
NH2-AILAAAGIAEDVK	*	
NH2-FVVEGDLR-COOH	*	
NH2-HAVIALTSIYGVGI	*	Stationary 1st Exp
NH2-IAGINIPDHK-CO	*	
NH2-ISELSEGQIDTLR-	*	
NH2-ISELSEGQIDTLRD	*	Stationary 1st Exp
NH2-LM<Mox>DLGC<	*	
NH2-LMDLGC<Cmm*:	*	
NH2-SKAILAAAGIAED	*	
NH2-AIISDVNASDEDR	*	
NH2-RVALADKYFAK-C	*	
NH2-VALADKYFAK-CO	*	
NH2-DANDTGSTEVQV	*	
NH2-DANDTGSTEVQV	*	
NH2-IVSEFGR-COOH	*	
NH2-KLLDYLK-COOH	*	
NH2-KLLDYLKR-COOH	*	
NH2-LLDYLK-COOH	*	
NH2-LLDYLKR-COOH	*	
NH2-YTQLIER-COOH	*	Stationary 1st Exp
NH2-IAHWVGQGATIS	*	
NH2-KRPFYQVVVADSI	*	
NH2-PFYQVVVADSR-C	*	
NH2-RPFYQVVVADSR-	*	
NH2-VGFFNPIASEK-CO	*	Stationary 1st Exp
NH2-VGFFNPIASEKEE	*	
NH2-VGFFNPIASEKEE	*	
NH2-LHVHDENNEC<C	*	
NH2-SIVVAIER-COOH	*	
NH2-TKSWTLVR-COOI	*	
NH2-FTAEGVQEIDYK-	*	Stationary 1st Exp
NH2-FTAEGVQEIDYKD	*	Stationary 1st Exp
NH2-NYITESGK-COOH	*	
NH2-YLSLLPYTDR-COO	*	Stationary 1st Exp
NH2-YLSLLPYTDRHQ-C	*	Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*	
NH2-GPFIDLHLLK-COO	*	Stationary 1st Exp
NH2-KGPFIDLHLLK-CO	*	
NH2-LGEFAPTR-COOH	*	
NH2-QHVPVFVTDEM<	*	

NH2-RSTIFPNMIGLTIA	*	
NH2-STIFPNM<Mox>I	*	
NH2-STIFPNMIGLTIAV	*	
NH2-AASEAVKDAALSC	*	
NH2-AVTLYLGAVAATV	*	
NH2-AVTLYLGAVAATV	*	
NH2-DAALSC<Cmm*>	*	
NH2-DLETQSQDGTFD	*	
NH2-DM<Mox>GGLPD	*	
NH2-DMGGLPDALFVI	*	
NH2-EANNLGIPVFAIV	*	
NH2-ELEKLENSLGGIK-	*	
NH2-ILFVGTK-COOH	*	
NH2-ILFVGTKR-COOH	*	
NH2-LENSLGGIK-COO	*	
NH2-LENSLGGIKDM<M	*	
NH2-LENSLGGIKDMG	*	
NH2-LKDLETQSQDGTF	*	
NH2-LKDLETQSQDGTF	*	
NH2-M<Mox>KPFIFGA	*	
NH2-MKPFIFGAR-COC	*	
NH2-NKVHIINLEK-COC	*	
NH2-PFIFGAR-COOH	*	
NH2-RAASEAVKDAALS	*	
NH2-SQDLASQAEESFV	*	
NH2-TRELEKLENSLGG	*	
NH2-TVPM<Mox>FNE	*	
NH2-TVPMFNEALAELI	*	
NH2-VHIINLEK-COOH	*	
NH2-WLGGM<Mox>L	*	
NH2-WLGGMLTNWK-	*	
NH2-AFNEM<Mox>QI	*	Stationary 1st Exp
NH2-AFNEMQPIVDR-C	*	Stationary 1st Exp
NH2-ANLTAQINK-COC	*	
NH2-ANLTAQINKLA-C	*	
NH2-HKANLTAQINK-C	*	
NH2-KVYAAIEAGDKAA	*	
NH2-KVYAAIEAGDK-C	*	
NH2-VYAAIEAGDKAAA	*	
NH2-VYAAIEAGDK-CO	*	
NH2-AGVLAEVR-COOH	*	
NH2-EFYEKPTTER-COC	*	
NH2-ENEPFDVALR-CO	*	
NH2-VRENEPFDVALR-	*	
NH2-VRENEPFDVALRF	*	
NH2-ADIDYNTSEAHTT	*	
NH2-EFADNLDSDFK-C	*	
NH2-EFADNLDSDFKVF	*	

NH2-GEILGGM<Mox>	*	
NH2-GEILGGMAAVEQ	*	
NH2-KVVADIAGVPAQ	*	
NH2-LGIVKPWNSTWF	*	
NH2-LVADSITSQLER-C	*	
NH2-VPLHTLR-COOH	*	
NH2-VVADIAGVPAQIN	*	
NH2-VWIFK-COOH	*	
NH2-VWIFKGEILGGM-	*	
NH2-VWIFKGEILGGMA	*	
NH2-AALELAEQR-COC	*	
NH2-AVLEVAGVHNVL	*	Stationary 1st Exp
NH2-EGTDLFLK-COOH	*	
NH2-EKPTWLEVDAGK	*	
NH2-EKPTWLEVDAGK	*	
NH2-EKPTWLEVDAGK	*	
NH2-GNTGENLLALLEG	*	
NH2-IYGVLER-COOH	*	
NH2-LDNVVYR-COOH	*	
NH2-LKGNTGENLLALL	*	
NH2-LKGNTGENLLALL	*	
NH2-LSDYGVQLR-COC	*	
NH2-REGTDLFLK-COO	*	
NH2-RIYGVLER-COOH	*	
NH2-SDLSADINEHLIVE	*	
NH2-VKAALELAEQR-C	*	
NH2-VVNIASYQVSPND	*	
NH2-ATIDGLENM<Mo	*	
NH2-ATIDGLENM<Mo	*	
NH2-ATIDGLENM<Mo	*	
NH2-ATIDGLENM<Mo	*	
NH2-ATIDGLENMNSPI	*	
NH2-ATIDGLENMNSPI	*	
NH2-ATIDGLENMNSPI	*	
NH2-AVLEVAGVHNVL	*	
NH2-AYGSTNPINVVR-	*	Stationary 1st Exp
NH2-IFSFTALTVVGDG	*	
NH2-IFSFTALTVVGDG	*	
NH2-NM<Mox>INVAL	*	
NH2-NMINVALNNGTL	*	
NH2-RNMINVALNNGT	*	
NH2-SVEEILGK-COOH	*	
NH2-TVKGGRIFSFTALT	*	
NH2-VFM<Mox>QPAS	*	Stationary 1st Exp
NH2-VFM<Mox>QPAS	*	
NH2-VFMQPASEGTGI	*	
NH2-VFMQPASEGTGI	*	

NH2-AHYVLM<Mox>N	*	
NH2-AHYVLMNVEAPC	*	
NH2-FNDAVIR-COOH	*	Stationary 1st Exp
NH2-HAVTEASPM<Mo	*	
NH2-HAVTEASPMVK-(	*	
NH2-HYEIVFMVHPDQ	*	
NH2-RQLAYPINK-COO	*	
NH2-YTAAITGAEGK-C(	*	
#Gln->pyro-Glu (N-ter	*	
NH2-FGSELLAK-COOH	*	
NH2-FVNILM<Mox>VI	*	Stationary 1st Exp
NH2-FVNILM<Mox>VI	*	Stationary 1st Exp
NH2-FVNILMVDGK-CC	*	
NH2-FVNILMVDGKK-C	*	
NH2-KSTAESIVYSALET	*	Stationary 1st Exp
NH2-LANELSDAAENK-	*	
NH2-LANELSDAAENKC	*	Stationary 1st Exp
NH2-QPALGYLN-COOI	*	
NH2-SELEAFEVALENV	*	Stationary 1st Exp
NH2-SGKSELEAFEVALI	*	Stationary 1st Exp
NH2-STAESIVYSALETL	*	Stationary 1st Exp
NH2-VGGSTYQVPVEV	*	
NH2-VGGSTYQVPVEV	*	Stationary 1st Exp
NH2-VGGSTYQVPVEV	*	
NH2-WIVEAAR-COOH	*	
#Gln->pyro-Glu (N-ter	*	
NH2-AVVESIQR-COOH	*	
NH2-EEGFIEDFKVEGD	*	
NH2-KDELPKVM<Mox	*	
NH2-KDELPKVMAGLG	*	
NH2-LKVAIANVLK-CO(	*	
NH2-QAGLGGEIIC<Cm	*	
NH2-SM<Mox>QDPIA	*	
NH2-SM<Mox>QDPIA	*	Stationary 1st Exp
NH2-SMQDPIADM<M	*	
NH2-SMQDPIADMLTR	*	
NH2-VAIANVLK-COOH	*	
NH2-VAIANVLKEEGFIE	*	
NH2-VEGDTKPELELTLI	*	
NH2-VM<Mox>AGLGI	*	Stationary 1st Exp
NH2-VMAGLGIAVVSTS	*	Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*	
NH2-AENQYYGTGR-CC	*	
NH2-ALM<Mox>EYDE	*	
NH2-ALM<Mox>EYDE	*	Stationary 1st Exp
NH2-ALMEYDESLR-CC	*	Stationary 1st Exp
NH2-ALMEYDESLRSEL	*	

NH2-GGGISGQAGAIR-	*		
NH2-LDLYITVK-COOH	*		
NH2-QPLELVDM<Mox	*		
NH2-QPLELVDM<Mox	*		
NH2-QPLELVDMVEK-(	*		
NH2-SLEQYFGR-COOH	*		Stationary 1st Exp
NH2-ALLQELC<Cmm*	*		
NH2-DSWLALLDEAGM	*		
NH2-DSWLALLDEAGM	*		
NH2-GFPHADYPDAVR	*		
NH2-GLINGVLR-COOH	*		
NH2-ILLDAPC<Cmm*>	*		
NH2-QNLPGAEEGDGF	*		
NH2-QQEELLAEFNASD	*		
NH2-TADAELC<Cmm*	*		
NH2-TGGTLVYATC<Cr	*		
NH2-TLSQLDWLINK-C	*		
NH2-TTHILEVAPEAQV	*		
NH2-YPSQWC<Cmm*	*		
NH2-ATLAANGVEGEV	*		
NH2-DGLDVGSQLLLST	*		
NH2-FWGEYSVDGLTV	*		
NH2-ILFAGDLQDDLPA	*		
NH2-IVANAFLPYPDVL	*		
NH2-LTLC<Cmm*>DV	*		
NH2-SAEQM<Mox>LA	*		
NH2-SAFTPASEVLLR-C	*		
NH2-VLDVGC<Cmm*>	*		
NH2-LILSQLGEEGR-CC	*		
NH2-FIAQQLGVSR-CO	*		
NH2-TYLVTLESPVADD	*		
#Acetyl (Protein N-ter	*		Stationary 1st Exp
NH2-DISFEAPNAPHVF	*	Stationary 1st Control	Stationary 1st Exp
NH2-LDLDTASSQLADD	*		
NH2-M<Mox>NIAGAS	*		Stationary 1st Exp
NH2-AELLYGVIDNSDF	*	Stationary 1st Control	Stationary 1st Exp
NH2-ALTDFMVEFER-C	*		Stationary 1st Exp
NH2-AQIFNFSSGPAM	*	Stationary 1st Control	Stationary 1st Exp
NH2-ASIYNAM<Mox>	*	Stationary 1st Control	Stationary 1st Exp
NH2-GQFAAVPLNILGD	*	Stationary 1st Control	Stationary 1st Exp
NH2-NIGPAGLTIVIVR-	*		Stationary 1st Exp
NH2-YC<Cmm*>TPNV	*		Stationary 1st Exp
NH2-TGVSNTLENEFK-(	*		
NH2-TGVSNTLENEFKG	*		
NH2-DLVVSLAYQVR-C	*		Stationary 1st Exp
NH2-DVFM<Mox>GVL	*	Stationary 1st Control	Stationary 1st Exp
NH2-DVFM<Mox>GVL	*		Stationary 1st Exp
NH2-DVFMGVDELQVC	*		

NH2-FLAETDQGPVPVI	*	Stationary 1st Control	
NH2-FNVEVVAIR-COO	*	Stationary 1st Control	Stationary 1st Exp
NH2-VPKDVFM<Mox>	*	Stationary 1st Control	Stationary 1st Exp
NH2-VPKDVFM<Mox>	*		Stationary 1st Exp
NH2-AQFTDAAIK-COO	*		Stationary 1st Exp
NH2-DALAPHISAETIEY	*	Stationary 1st Control	Stationary 1st Exp
NH2-HHQTYVTNLNNL	*	Stationary 1st Control	Stationary 1st Exp
NH2-NFGSGWTWLVK-	*	Stationary 1st Control	Stationary 1st Exp
NH2-SFELPALPYAK-CO	*	Stationary 1st Control	Stationary 1st Exp
NH2-SLEEIIR-COOH	*		Stationary 1st Exp
NH2-VAEAIAASFGSFA	*	Stationary 1st Control	Stationary 1st Exp
NH2-DFGSVDNFK-CO(	*		
NH2-EFWNVVNWDEA	*		
NH2-FGSGWAWLVLK-	*		Stationary 1st Exp
NH2-SSVVNNPTGR-CO	*		
NH2-AVLVNIFGGIVR-(	*		Stationary 1st Exp
NH2-GLTDAAQQVVAA	*		Stationary 1st Exp
NH2-GGTTHLGLPVFN	*		Stationary 1st Exp
NH2-GTADEKFAALEA	*		Stationary 1st Exp
NH2-FGFLLDALK-COO	*		Stationary 1st Exp
NH2-FAPSPTGYLHVG(	*		Stationary 1st Exp
NH2-TALYSWLFAR-CO	*	Stationary 1st Control	Stationary 1st Exp
NH2-ELGPEPM<Mox>	*		Stationary 1st Exp
NH2-ELGPEPMAAAYV	*		Stationary 1st Exp
NH2-TFQGLILTLQDYW	*		Stationary 1st Exp
NH2-ANDIVVALLQEK-	*		Stationary 1st Exp
NH2-AYEAYDFHEVVQ	*		Stationary 1st Exp
NH2-GAELELLR-COOH	*		Stationary 1st Exp
NH2-IGVTDYTILGTVK-	*		Stationary 1st Exp
NH2-ASFVTLQDVGGR-	*		Stationary 1st Exp
NH2-ALAESIGITVEK-C(	*		Stationary 1st Exp
NH2-DSLPEGVYNDQF	*		Stationary 1st Exp
NH2-GANEAIDFNDELF	*		Stationary 1st Exp
NH2-WDLGDIIGAR-CO	*	Stationary 1st Control	Stationary 1st Exp
NH2-YLDLIANDK-COO	*		Stationary 1st Exp
NH2-YRPETDM<Mox>	*		Stationary 1st Exp
NH2-EGYFC<Cmm*>L	*		Stationary 1st Exp
NH2-LNLEYTVMSK-CO	*		Stationary 1st Exp
NH2-SVEENLALFEK-CO	*		Stationary 1st Exp
NH2-AELDALQAEIR-C(	*		Stationary 1st Exp
NH2-EFDFEVR-COOH	*		Stationary 1st Exp
NH2-VLQLLGLPYR-CO(	*		Stationary 1st Exp
NH2-PVITLPDGSQR-C(	*		Stationary 1st Exp
NH2-AEM<Mox>NIAP	*		Stationary 1st Exp
NH2-FTLAALASTGR-C(	*		Stationary 1st Exp
NH2-YVILPLVNR-COO	*		Stationary 1st Exp
NH2-AAGLSQYEHLIDD	*		Stationary 1st Exp
NH2-AC<Cmm*>AEA(	*	Stationary 1st Control	Stationary 1st Exp

NH2-KLEDLLAAKL-CO(	*	Stationary 1st Control		
NH2-LTIAPNLLK-COOH	*			Stationary 1st Exp
NH2-QFTTVVADSGDIE	*	Stationary 1st Control		
NH2-AQQIVDATDKLA\	*			Stationary 1st Exp
NH2-ELAESEGAIER-CC	*			Stationary 1st Exp
NH2-KLIDDAVAWAK-(	*	Stationary 1st Control		Stationary 1st Exp
NH2-LASTWQGIR-CO(	*			Stationary 1st Exp
NH2-LAVNIGLEILK-CO	*			Stationary 1st Exp
NH2-LIDDAVAWAK-C(	*	Stationary 1st Control		Stationary 1st Exp
NH2-LTIAPALLK-COOH	*			Stationary 1st Exp
NH2-LYQPQDATTNPSI	*			Stationary 1st Exp
NH2-M<Mox>IGDLL-C	*	Stationary 1st Control		Stationary 1st Exp
NH2-NIGEILELAGC<Cr	*	Stationary 1st Control		Stationary 1st Exp
NH2-QYTTVVADTGDIA	*	Stationary 1st Control		Stationary 1st Exp
NH2-QYTTVVADTGDIA	*	Stationary 1st Control		Stationary 1st Exp
NH2-DVKLEIEAIAVR-C	*			Stationary 1st Exp
NH2-LEIEAIAVR-COOH	*	Stationary 1st Control		Stationary 1st Exp
NH2-KPIIYDVETLR-CO	*			Stationary 1st Exp
NH2-QVFGGQVVGQA	*			Stationary 1st Exp
NH2-GIPTLLLFK-COOH	*			Stationary 1st Exp
NH2-GQLKEFLDANLA-	*			Stationary 1st Exp
NH2-ANDIDVPAALIDS	*			
NH2-ANDIDVPAALIDS	*			Stationary 1st Exp
NH2-ASDFVLAMGQGF	*			Stationary 1st Exp
NH2-ELPELTAEFIK-CO(	*			
NH2-FGVEDGSVEGLRA	*			Stationary 1st Exp
NH2-FGVEDGSVEGLR-	*			
NH2-INPAGAPTYVPGE	*	Stationary 1st Control		Stationary 1st Exp
NH2-NFIDAIIKEK-COO	*			Stationary 1st Exp
NH2-NVALEEQAVEAV	*			Stationary 1st Exp
NH2-QDVLGDLMSR-C	*			
NH2-VVVGLLLGEVIR-(	*	Stationary 1st Control		Stationary 1st Exp
NH2-AINEDAAGNYIHY	*	Stationary 1st Control		Stationary 1st Exp
NH2-QDGPTALILSR-C(	*			Stationary 1st Exp
NH2-VAVEAGIADYWY	*			Stationary 1st Exp
NH2-VVSMPSTDAFDK	*			Stationary 1st Exp
NH2-ATYTQTHM<Mox	*			Stationary 1st Exp
NH2-AVEIGSFLLGR-CC	*	Stationary 1st Control		Stationary 1st Exp
NH2-EAEYKDWTIEQIT	*			Stationary 1st Exp
NH2-FAENAYFIK-COO	*	Stationary 1st Control		Stationary 1st Exp
NH2-GAEQIYIPVLIK-C(	*			Stationary 1st Exp
NH2-GLTFTYEPK-COO	*			Stationary 1st Exp
NH2-GNFDLEGLER-CC	*	Stationary 1st Control		Stationary 1st Exp
NH2-LLPHIPADQFPAC	*			Stationary 1st Exp
NH2-SYYALAESVK-CO(	*			Stationary 1st Exp
NH2-YADMLAMSAK-C	*			Stationary 1st Exp
NH2-LFNAAK-COOH	*	Stationary 1st Control	Stationary 2nd Control	Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*		Stationary 2nd Control	

NH2-LAYVTFESGR-CO	*		Stationary 1st Exp
NH2-APLVEELYR-COO	*		Stationary 1st Exp
NH2-AQTFTLVAK-COC	*		Stationary 1st Exp
NH2-DLSDVTLGQFAGI	*	Stationary 1st Control	Stationary 1st Exp
NH2-FC<Cmm*>GAEG	*		Stationary 1st Exp
NH2-NAEFLQAYGVAIA	*		Stationary 1st Exp
NH2-SQTVHFQGNPVT	*	Stationary 1st Control	Stationary 1st Exp
NH2-VLNIFPSIDTGVC<	*		Stationary 1st Exp
NH2-DADELLAILASK-C	*		Stationary 1st Exp
NH2-LDVVNLISKDPR-(	*		Stationary 1st Exp
NH2-NDGRDADELLAIL	*		Stationary 1st Exp
NH2-VC<Cmm*>EFWA	*		Stationary 1st Exp
NH2-ANLQPVLITGM<I	*		Stationary 1st Exp
NH2-LLILGSGPAGYTA	*		Stationary 1st Exp
NH2-QAITSAGTGC<Cr	*		Stationary 1st Exp
NH2-AVAFALFGLQDR-	*		Stationary 1st Exp
NH2-IGTTGAIQPHINV	*	Stationary 1st Control	Stationary 1st Exp
NH2-NDLQGATLAIVPC	*		Stationary 1st Exp
NH2-NDLQGATLAIVPC	*	Stationary 1st Control	Stationary 1st Exp
NH2-SDVFHLGLTK-CO	*	Stationary 1st Control	Stationary 1st Exp
NH2-SIGATTHVGVTAS	*	Stationary 1st Control	Stationary 1st Exp
NH2-VLVLVAAPEGIAA	*		Stationary 1st Exp
NH2-AYKHILIAVDLSPE	*		Stationary 1st Exp
NH2-HILIAVDLSPESK-(	*		Stationary 1st Exp
NH2-QLINTVHVDM<M	*		Stationary 1st Exp
NH2-HANLPVLVVR-CC	*		Stationary 1st Exp
NH2-LQTM<Mox>VSH	*		Stationary 1st Exp
NH2-NPSISTHLLGSNA	*		Stationary 1st Exp
#Gln->pyro-Glu (N-ter	*		Stationary 1st Exp
NH2-GGTPYGATTIAGC	*		Stationary 1st Exp
NH2-RVPETM<Mox>P	*		Stationary 1st Exp
NH2-TFLDQTGGLWAS	*		Stationary 1st Exp
NH2-TQTAPVATPQELA	*		Stationary 1st Exp
NH2-YQGEYVAGLAVK	*	Stationary 1st Control	Stationary 1st Exp
NH2-GGLVPGALLAR-C	*		Stationary 1st Exp
NH2-EALMSALAQTR-(	*		
NH2-VIAALSLSTLTSR-(	*		
NH2-SPEVFNLIM<Mox	*		Stationary 1st Exp
NH2-GGDLGQPFQFK-(	*	Stationary 1st Control	Stationary 1st Exp
NH2-GIEGSSLDVPENIV	*		Stationary 1st Exp
NH2-NVEASFELNDASK	*		Stationary 1st Exp
NH2-PSFDIVSEVDLQEA	*		Stationary 1st Exp
NH2-SRDDLQAVM<M	*		Stationary 1st Exp
NH2-TWFVEAK-COOH	*		Stationary 1st Exp
NH2-VLSESDFQVNQLL	*		Stationary 1st Exp
NH2-LATPFAEGEALR-(	*		Stationary 1st Exp
NH2-LQVEQIIAVSNETI	*		
NH2-TMFIGGLQGAK-(	*		

NH2-NNVLALGDLAK-C	*		Stationary 1st Exp
#Acetyl (Protein N-ter	*		Stationary 1st Exp
NH2-AALASALGEYFER	*		Stationary 1st Exp
NH2-DAALEDSIAR-CO	*		
NH2-ELLGLATGSDNGV	*		Stationary 1st Exp
NH2-GIC<Cmm*>GLP	*		Stationary 1st Exp
NH2-IIAESISLPEIPADV	*		Stationary 1st Exp
NH2-IIVPGM<Mox>SD	*		Stationary 1st Exp
NH2-KAALASALGEYFE	*		Stationary 1st Exp
NH2-TQTFIPGKDAALE	*		Stationary 1st Exp
NH2-TVTELLQGR-COC	*		Stationary 1st Exp
NH2-VQGLSEVFER-CO	*		Stationary 1st Exp
NH2-VRELLGLATGSDN	*		Stationary 1st Exp
NH2-WFPLTENDDVPE	*		
NH2-WFPLTENDDVPE	*		Stationary 1st Exp
NH2-AGVLALNIQR-CO	*		
NH2-DWLNVTPAQR-C	*		
NH2-LLISGDVIFK-COO	*		Stationary 1st Exp
NH2-VKLPLTLDPVR-CO	*		
NH2-LILASTSPWR-CO	*		Stationary 1st Exp
NH2-SEGFGITLFER-CO	*		Stationary 1st Exp
NH2-ELISGFADYVLQR-	*		Stationary 1st Exp
NH2-QWFGEFISQSR-C	*		Stationary 1st Exp
NH2-LC<Cmm*>HIIW	*		Stationary 1st Exp
NH2-ILSIDTEGLTAEQI	*		Stationary 1st Exp
NH2-AENTVVTGAGWI	*		Stationary 1st Exp
NH2-LGTDGLQLYSSGK	*		Stationary 1st Exp
NH2-APLIITVVAK-COC	*	Stationary 1st Control	Stationary 1st Exp
NH2-LAEPAPTGEQLQ	*		Stationary 1st Exp
NH2-MDALELLINR-CO	*		Stationary 1st Exp
NH2-IAQPELVNFR-CO	*		Stationary 1st Exp
NH2-LIALLSQEGADFR-	*		Stationary 1st Exp
NH2-TDDILAILTEQQFF	*		
NH2-GEIFHFNPGSVSI	*		Stationary 1st Exp
NH2-AEAEQTLAALTEK	*	Stationary 1st Control	Stationary 1st Exp
NH2-DAIIDDLKAR-CO	*		
NH2-EAVAERDAIIDDL	*		
NH2-EAVAERDAIIDDL	*		
NH2-GLISVEQEIK-COC	*		
NH2-IAELEAALANK-CO	*		
NH2-ITVLDNDGNRKPI	*		
NH2-LITLLPNWIDK-CO	*		
NH2-LITLLPNWIDKLGL	*		
NH2-QVPAEAEEM<M	*		
NH2-AWFIQSVTPR-CO	*		
NH2-GVVVQDAALLES	*		
NH2-M<Mox>VLVLGC	*		
NH2-MVLVLGQEYEGL	*		

NH2-TAEGGAEHVQPI	*		
NH2-VYGENAC<Cmm	*		
NH2-AALANLFSELPSK-	*		Stationary 1st Exp
NH2-AALANLFSELPSKI	*		Stationary 1st Exp
NH2-ALWLLAGSASR-C	*	Stationary 1st Control	Stationary 1st Exp
NH2-DGDGFAWIER-C(	*		Stationary 1st Exp
NH2-LPEAGEDLELK-C(	*		Stationary 1st Exp
NH2-VLLGVAGFQAR-(	*	Stationary 1st Control	Stationary 1st Exp
NH2-AYSEAVKGDVLE	*		Stationary 1st Exp
NH2-M<Mox>LTVIAEI	*		Stationary 1st Exp
NH2-MLTVIAEIR-COO	*		Stationary 1st Exp
NH2-GVGQYLLEEVLR-	*		Stationary 1st Exp
NH2-VTLSGTEGALDSL	*		Stationary 1st Exp
NH2-FFATREEAESFM<	*		Stationary 1st Exp
NH2-FWPDKEAILYDAL	*		Stationary 1st Exp
NH2-LLELQGIANTTLE	*		Stationary 1st Exp
NH2-YLSQQIDVWR-C(	*		Stationary 1st Exp
NH2-ANPEQLEEQREE	*		Stationary 1st Exp
NH2-AIVEAAGLK-COO	*		Stationary 1st Exp
NH2-AIVEAAGLKVGDI	*		Stationary 1st Exp
NH2-DLNDFATVNATY	*		Stationary 1st Exp
NH2-DVKIEIEAIAVR-C(	*		Stationary 1st Exp
NH2-DVKIEIEAIAVRR-(	*		Stationary 1st Exp
NH2-IEIEAIAVR-COOH	*	Stationary 1st Control	Stationary 1st Exp
NH2-QSLDNVKAIVEAA	*		Stationary 1st Exp
NH2-TGEVPADVAAQA	*	Stationary 1st Control	Stationary 1st Exp
NH2-TPLWLASLIR-CO(	*		Stationary 1st Exp
NH2-ILGISLAQLR-COO	*		
NH2-ELVADDATNTVY	*		
NH2-ESVIWVVDGGNI	*		
NH2-LYTTNADGELITID	*		
NH2-VAAPESLAVLFNP	*		
NH2-AWDAWVVAGH/	*		Stationary 1st Exp
NH2-SSILDATIFLADKN	*		Stationary 1st Exp
NH2-GFILHTPPSNFAS	*		Stationary 1st Exp
NH2-LIGVDILTM<Mox	*		Stationary 1st Exp
NH2-LADDVGIWPLVV	*		Stationary 1st Exp
NH2-LESGYLYLGSPVK-	*		Stationary 1st Exp
NH2-VM<Mox>IDDSS	*		Stationary 1st Exp

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