

Protein Name	1stexpstatribofree Peptides	1stexpstatribofree PepHits
30S small Subunit		
sp P0AG67 RS1_ECOLI	14	22
sp P0A7V3 RS3_ECOLI	x	x
sp P0A7V8 RS4_ECOLI	x	x
sp P0A7W1 RS5_ECOLI	3	4
sp P02358 RS6_ECOLI	x	x
sp P02359 RS7_ECOLI	8	27
sp P0A7W7 RS8_ECOLI	2	4
sp P0A7X3 RS9_ECOLI	3	10
sp P0A7R5 RS10_ECOLI	4	14
sp P0A7R9 RS11_ECOLI	x	x
sp P0A7S3 RS12_ECOLI	7	52
sp P0A7S9 RS13_ECOLI	3	6
sp P0ADZ4 RS15_ECOLI	x	x
sp P0AG63 RS17_ECOLI	x	x
sp P0A7T7 RS18_ECOLI	4	10

Maintenance/Translational/Folding

sp P36929 RSMB_ECOLI	x	x
sp P0A8A8 RIMP_ECOLI	6	47
sp P0A805 RRF_ECOLI	5	7
sp P21499 RNR_ECOLI	6	8
sp P0A6X3 HFQ_ECOLI	2	5
sp P05055 PNP_ECOLI	7	7
sp P0A6M8 EFG_ECOLI	24	68
sp P63284 CLPB_ECOLI	18	30
sp P0A850 TIG_ECOLI	7	2
sp P0AG86 SECB_ECOLI	2	8

Ribosomal/Non- Translational

sp P0A991 ALF1_ECOLI	14	39
sp P0A6X7 IHFA_ECOLI	x	x
sp P22259 PCKA_ECOLI	9	24
sp P0A9C5 GLNA_ECOLI	9	20
sp P08191 FIMH_ECOLI	2	8
sp P0A988 DPO3B_ECOLI	12	36
sp P45577 PROQ_ECOLI	3	7
sp P0A7D4 PURA_ECOLI	10	17
sp P67910 HLDD_ECOLI	25	203
sp P0A9L3 FKBB_ECOLI	2	3
sp P61949 FLAV_ECOLI	3	4
sp P0A9S5 GLDA_ECOLI	9	27
sp P0A862 TPX_ECOLI	6	22
sp P00490 PHSM_ECOLI	9	13
sp P09372 GRPE_ECOLI	5	9
sp P43329 HRPA_ECOLI	x	x

sp P0ACF0 DBHA_ECOLI	x	x
sp P0ACF4 DBHB_ECOLI	x	x

Uncharacterized Proteins

sp P75838 YCAO_ECOLI	11	56
sp P76116 YNCE_ECOLI	x	x

2ndexpstatribofree Peptides**2ndexpstatribofree PepHits****3rdexpstatribofree Peptides**

47	360	17
11	136	4
14	98	12
12	256	7
6	20	2
13	141	12
10	127	5
8	114	4
9	91	3
5	37	3
8	38	2
9	73	5
8	27	5
3	41	2
5	65	4
5	7	12
4	23	2
x	x	3
26	80	24
3	5	5
6	11	x
14	33	9
3	5	x
9	2	5
x	x	3
19	91	x
5	13	5
x	x	3
x	x	8
2	3	x
3	8	18
5	21	4
x	x	2
19	56	14
x	x	3
x	x	2
10	64	9
x	x	5
11	28	x
x	x	2
3	5	2

5
2

31
9

5
3

6
2

17
3

10
4

3rdexpstatribofree Peptides**Description**

30	30S ribosomal protein S1 OS=Escherichia coli (strain K12) GN=rpsA PE=
7	30S ribosomal protein S3 OS=Escherichia coli (strain K12) GN=rpsC PE=
92	30S ribosomal protein S4 OS=Escherichia coli (strain K12) GN=rpsD PE=
63	30S ribosomal protein S5 OS=Escherichia coli (strain K12) GN=rpsE PE=
3	30S ribosomal protein S6 OS=Escherichia coli (strain K12) GN=rpsF PE=
72	30S ribosomal protein S7 OS=Escherichia coli (strain K12) GN=rpsG PE=
39	30S ribosomal protein S8 OS=Escherichia coli (strain K12) GN=rpsH PE=
9	30S ribosomal protein S9 OS=Escherichia coli (strain K12) GN=rpsI PE=1
9	30S ribosomal protein S10 OS=Escherichia coli (strain K12) GN=rpsJ PE=
19	30S ribosomal protein S11 OS=Escherichia coli (strain K12) GN=rpsK PE=
6	30S ribosomal protein S12 OS=Escherichia coli (strain K12) GN=rpsL PE=
13	30S ribosomal protein S13 OS=Escherichia coli (strain K12) GN=rpsM PE=
13	30S ribosomal protein S15 OS=Escherichia coli (strain K12) GN=rpsO PE=
8	30S ribosomal protein S17 OS=Escherichia coli (strain K12) GN=rpsQ PE=
24	30S ribosomal protein S18 OS=Escherichia coli (strain K12) GN=rpsR PE=
27	Ribosomal RNA small subunit methyltransferase B OS=Escherichia coli (strain K12) GN=rsmB PE=1
10	Ribosome maturation factor rimP OS=Escherichia coli (strain K12) GN=rmpP PE=1
5	Ribosome-recycling factor OS=Escherichia coli (strain K12) GN=rrf PE=1
57	Ribonuclease R OS=Escherichia coli (strain K12) GN=rnr PE=1 SV=2 [MASS=
10	Protein hfq OS=Escherichia coli (strain K12) GN=hfq PE=1 SV=2 [MASS=
x	Polyribonucleotide nucleotidyltransferase OS=Escherichia coli (strain K12) GN=polA PE=1 SV=2
30	Elongation factor G OS=Escherichia coli (strain K12) GN=efuA PE=1 SV=2
x	Chaperone protein clpB OS=Escherichia coli (strain K12) GN=clpB PE=1
2	Trigger factor OS=Escherichia coli (strain K12) GN=tig PE=1 SV=1 [MASS=
3	Protein-export protein SecB OS=Escherichia coli (strain K12) GN=secB PE=1
x	Fructose-bisphosphate aldolase class 1 OS=Escherichia coli (strain K12) GN=fbaA PE=1 SV=2
16	Integration host factor subunit alpha OS=Escherichia coli (strain K12) GN=ihfA PE=1 SV=2
5	Phosphoenolpyruvate carboxykinase [ATP] OS=Escherichia coli (strain K12) GN=pcpA PE=1 SV=2
18	Glutamine synthetase OS=Escherichia coli (strain K12) GN=glnA PE=1 SV=2
x	Protein fimH OS=Escherichia coli (strain K12) GN=fimH PE=1 SV=2 [MASS=
125	DNA polymerase III subunit beta OS=Escherichia coli (strain K12) GN=dnaE PE=1 SV=2
20	ProP effector OS=Escherichia coli (strain K12) GN=proQ PE=1 SV=2 [MASS=
4	Adenylosuccinate synthetase OS=Escherichia coli (strain K12) GN=purA PE=1 SV=2
39	ADP-L-glycero-D-manno-heptose-6-epimerase OS=Escherichia coli (strain K12) GN=hepA PE=1 SV=2
7	FKBP-type 22 kDa peptidyl-prolyl cis-trans isomerase OS=Escherichia coli (strain K12) GN=pp5i PE=1 SV=2
5	Flavodoxin-1 OS=Escherichia coli (strain K12) GN=fldA PE=1 SV=2 [MASS=
28	Glycerol dehydrogenase OS=Escherichia coli (strain K12) GN=glcA PE=1 SV=2
10	Thiol peroxidase OS=Escherichia coli (strain K12) GN=tpx PE=1 SV=2 [MASS=
x	Maltodextrin phosphorylase OS=Escherichia coli (strain K12) GN=malP PE=1 SV=2
5	Protein grpE OS=Escherichia coli (strain K12) GN=grpE PE=1 SV=1 [MASS=
3	ATP-dependent RNA helicase hrpA OS=Escherichia coli (strain K12) GN=hrpA PE=1 SV=2

34 DNA-binding protein HU-alpha OS=Escherichia coli (strain K12) GN=hup
13 DNA-binding protein HU-beta OS=Escherichia coli (strain K12) GN=hupl

30 UPF0142 protein ycaO OS=Escherichia coli (strain K12) GN=ycaO PE=3
8 Uncharacterized protein YncE OS=Escherichia coli (strain K12) GN=yncE

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:1 SV=2 [MASS=23469]
1 SV=2 [MASS=17603]
1 SV=1 [MASS=15703]
:1 SV=3 [MASS=20019]
:1 SV=2 [MASS=14127]
L SV=2 [MASS=14856]
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rimP PE=1 SV=2 [MASS=16651]
. SV=1 [MASS=20639]
\SS=92109]
:11166]
12) GN=png PE=1 SV=3 [MASS=77101]
2 [MASS=77581]
SV=1 [MASS=95585]
s=48193]
PE=1 SV=1 [MASS=17277]

| GN=fbaB PE=1 SV=2 [MASS=38109]
|N=ihfA PE=1 SV=1 [MASS=11354]
K12) GN=pckA PE=1 SV=2 [MASS=59643]
V=2 [MASS=51904]
SS=31473]
naN PE=1 SV=1 [MASS=40587]
\SS=25893]
, PE=1 SV=2 [MASS=47345]
ain K12) GN=hldD PE=1 SV=1 [MASS=34893]
oli (strain K12) GN=fkIB PE=1 SV=2 [MASS=22216]
|S=19737]
L SV=1 [MASS=38712]
IASS=17835]
PE=1 SV=7 [MASS=90522]
|S=21798]
=hrpA PE=3 SV=3 [MASS=149028]

⌋A PE=1 SV=1 [MASS=9535]
B PE=1 SV=1 [MASS=9226]

SV=2 [MASS=65652]
⌋ PE=1 SV=1 [MASS=38613]