Fig.3A

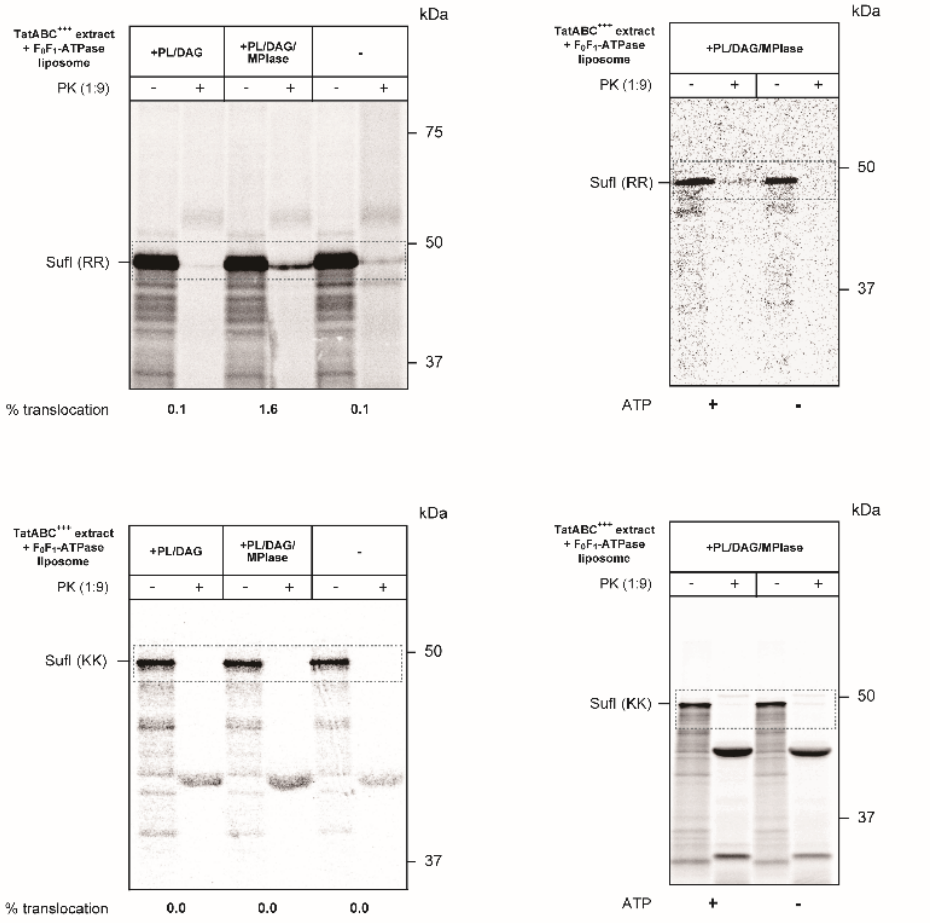

TatABC+++ extract + F0F1-ATPase liposome
+PL/DAG
+PL/DAG/ MPIase
-
PK (1:9)
- + - + - +
kDa
75
50
37
SufI (RR)
% translocation
0.1
1.6
0.1
TatABC+++ extract + F0F1-ATPase liposome
+PL/DAG/MPIase
PK (1:9)
- + - +
kDa
50
37
SufI (RR)
ATP
+
-
TatABC+++ extract + F0F1-ATPase liposome
+PL/DAG
+PL/DAG/ MPIase
-
PK (1:9)
- + - + - +
kDa
50
37
SufI (KK)
% translocation
0.0
0.0
0.0
TatABC+++ extract + F0F1-ATPase liposome
+PL/DAG/MPIase
PK (1:9)
- + - +
kDa
50
37
SufI (KK)
ATP
+
-

Fig.3C

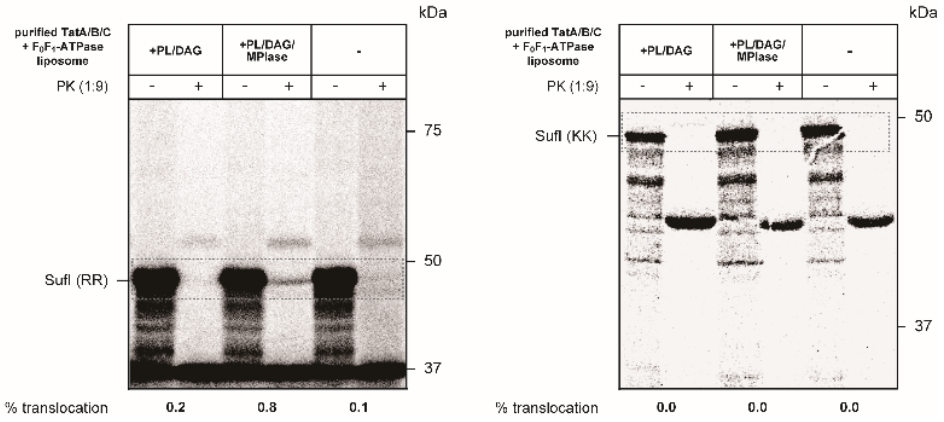
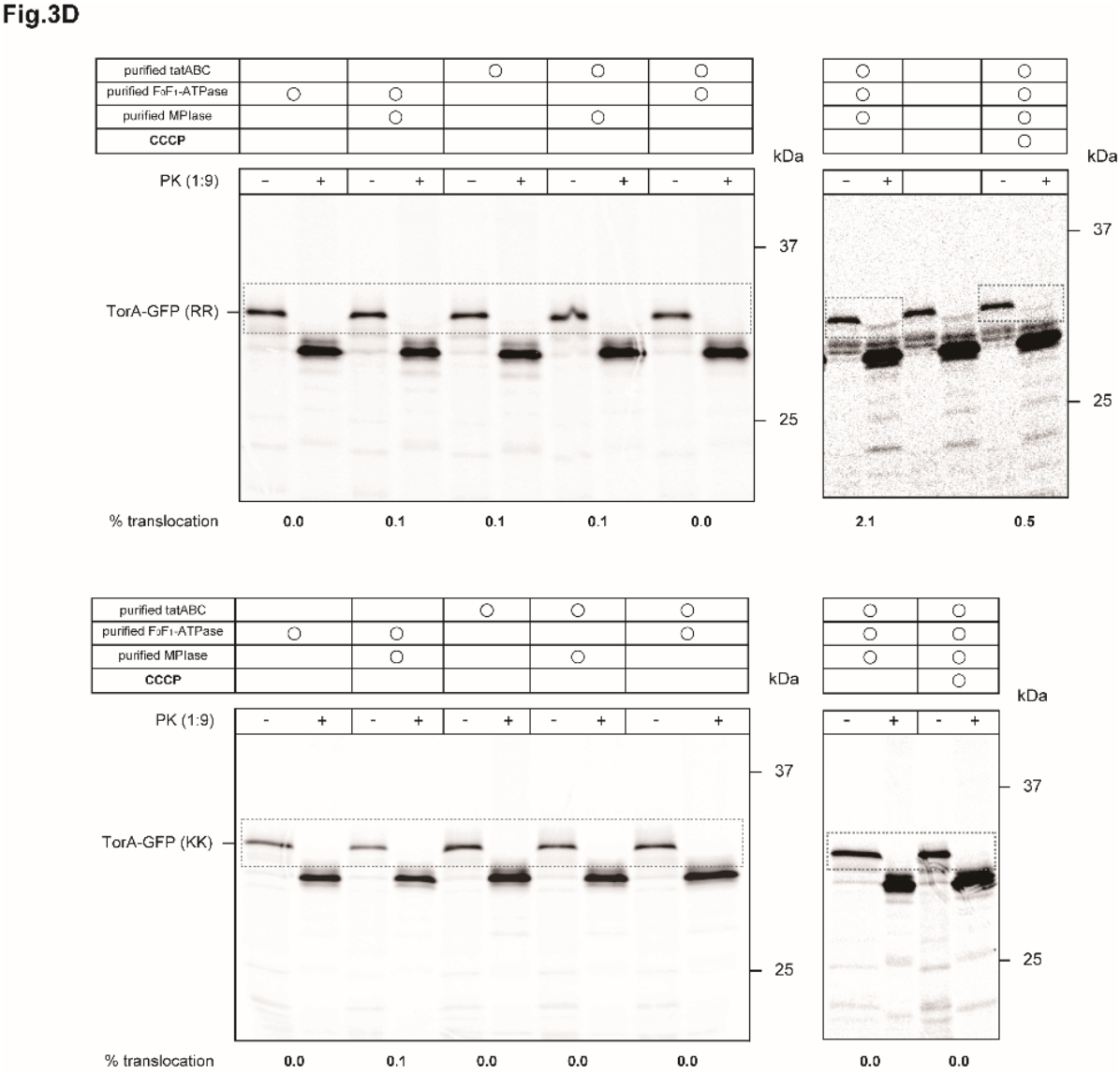

purified TatA/B/C + F0F1-ATPase liposome
+PL/DAG
+PL/DAG/ MPIase
-
PK (1:9)
- + - + - +
kDa
75
50
37
SufI (RR)
% translocation
0.2
0.8
0.1
purified TatA/B/C + F0F1-ATPase liposome
+PL/DAG
+PL/DAG/ MPIase
-
PK (1:9)
- + - + - +
kDa
50
37
SufI (KK)
% translocation
0.0
0.0
0.0

Fig.3D


purified tatABC
purified FoF1-ATPase
purified MPIase
CCCP
kDa
PK (1:9)
TorA-GFP (RR)
37
25
% translocation
0.0
0.1
0.1
0.1
0.0
2.1
0.5
TorA-GFP (KK)
0.0
0.1
0.0
0.0
0.0
0.0
0.0