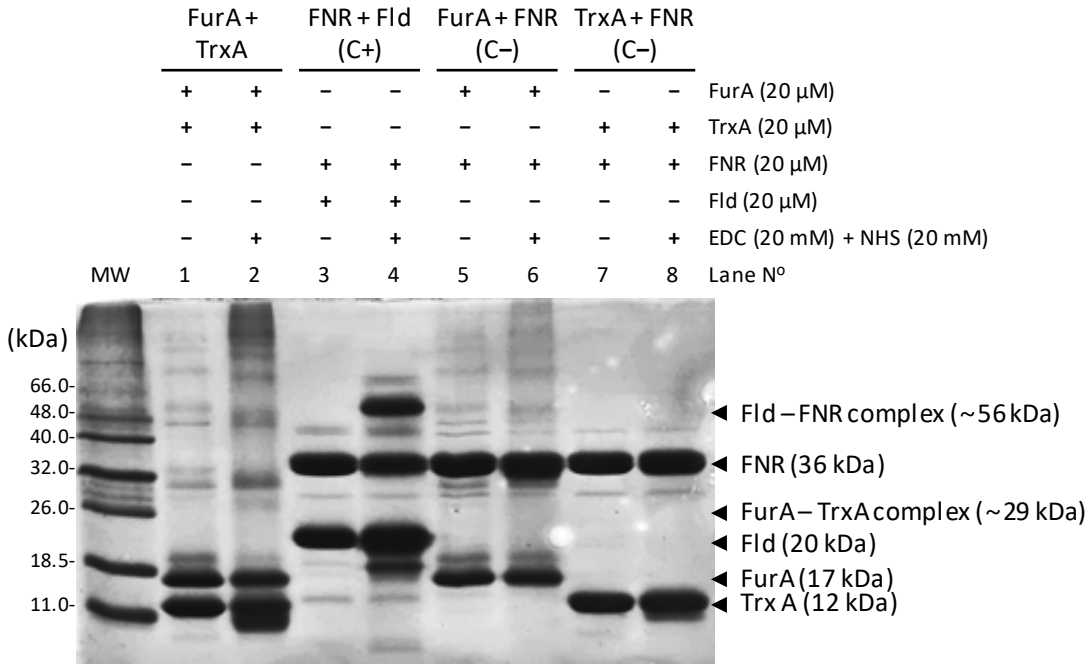
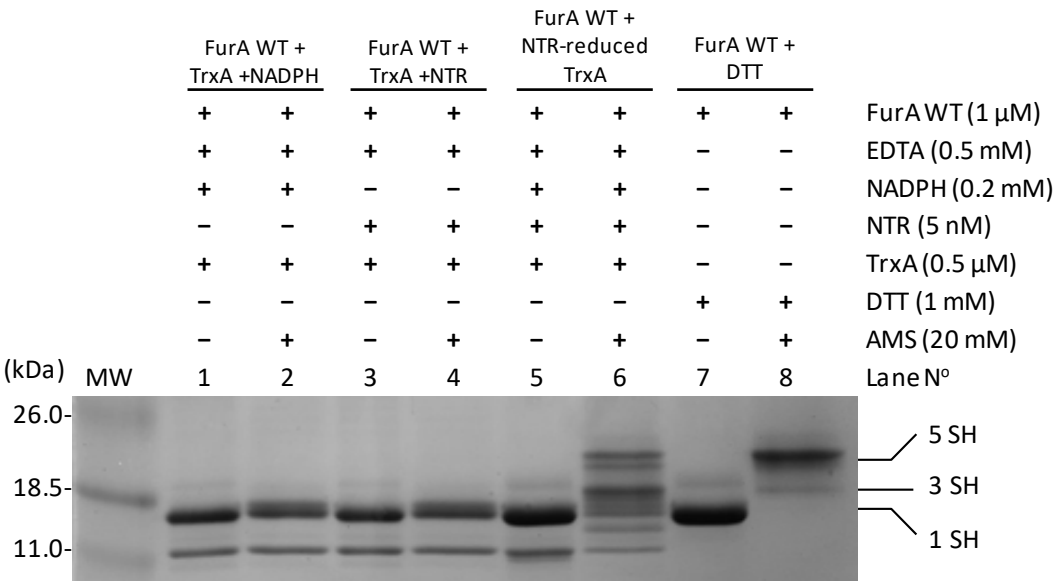
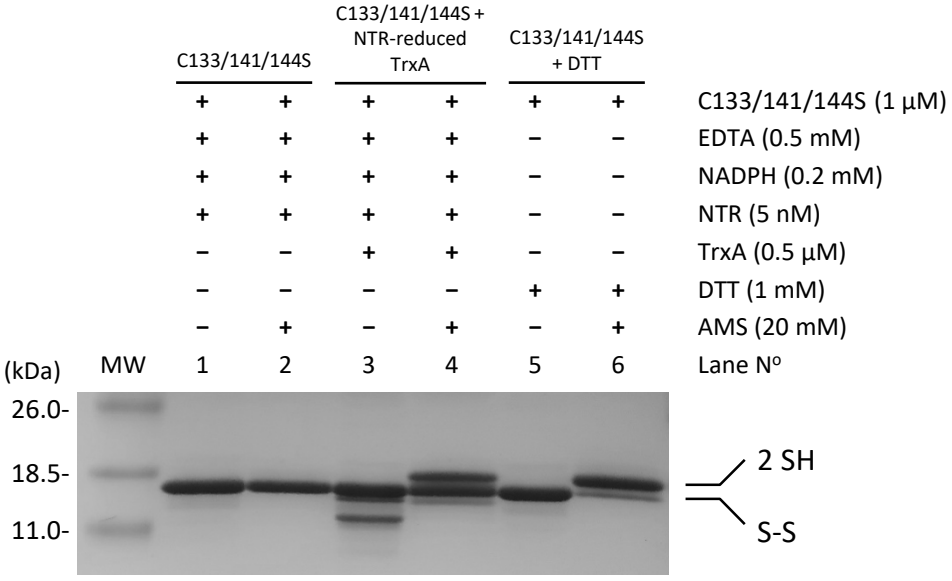

FurA + TrxA
FNR + Fld (C+)
FurA + FNR (C−)
TrxA + FNR (C−)
+ + − − + + − − FurA (20 µM)
+ + − − − − + + TrxA (20 µM)
− − + + + + + + FNR (20 µM)
− − + + − − − − Fld (20 µM)
− + − + − + − + EDC (20 mM) + NHS (20 mM)
MW 1 2 3 4 5 6 7 8 Lane Nº
(kDa)
66.0-
48.0-
40.0-
32.0-
26.0-
18.5-
11.0-
Fld – FNR complex (~56 kDa)
FNR (36 kDa)
FurA – TrxA complex (~29 kDa)
Fld (20 kDa)
FurA (17 kDa)
Trx A (12 kDa)


FurA WT + TrxA +NADPH
FurA WT + TrxA +NTR
FurA WT + NTR-reduced TrxA
FurA WT + DTT
FurA WT (1 µM)
EDTA (0.5 mM)
NADPH (0.2 mM)
NTR (5 nM)
TrxA (0.5 µM)
DTT (1 mM)
AMS (20 mM)
Lane N°
(kDa)
MW
1 2 3 4 5 6 7 8
26.0-
18.5-
11.0-
5 SH
3 SH
1 SH


C133/141/144S
C133/141/144S + NTR-reduced TrxA
C133/141/144S + DTT
+ + + + + + C133/141/144S (1 µM)
+ + + + – – EDTA (0.5 mM)
+ + + + – – NADPH (0.2 mM)
+ + + + – – NTR (5 nM)
– – + + – – TrxA (0.5 µM)
– – – – + + DTT (1 mM)
– + – + – + AMS (20 mM)
(kDa) MW 1 2 3 4 5 6 Lane Nº
26.0-
18.5-
11.0-
2 SH
S-S