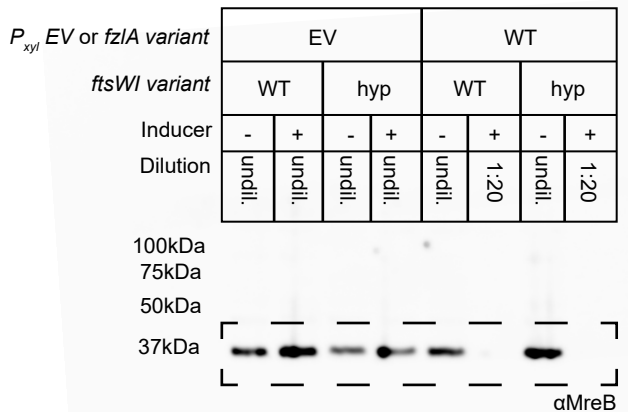
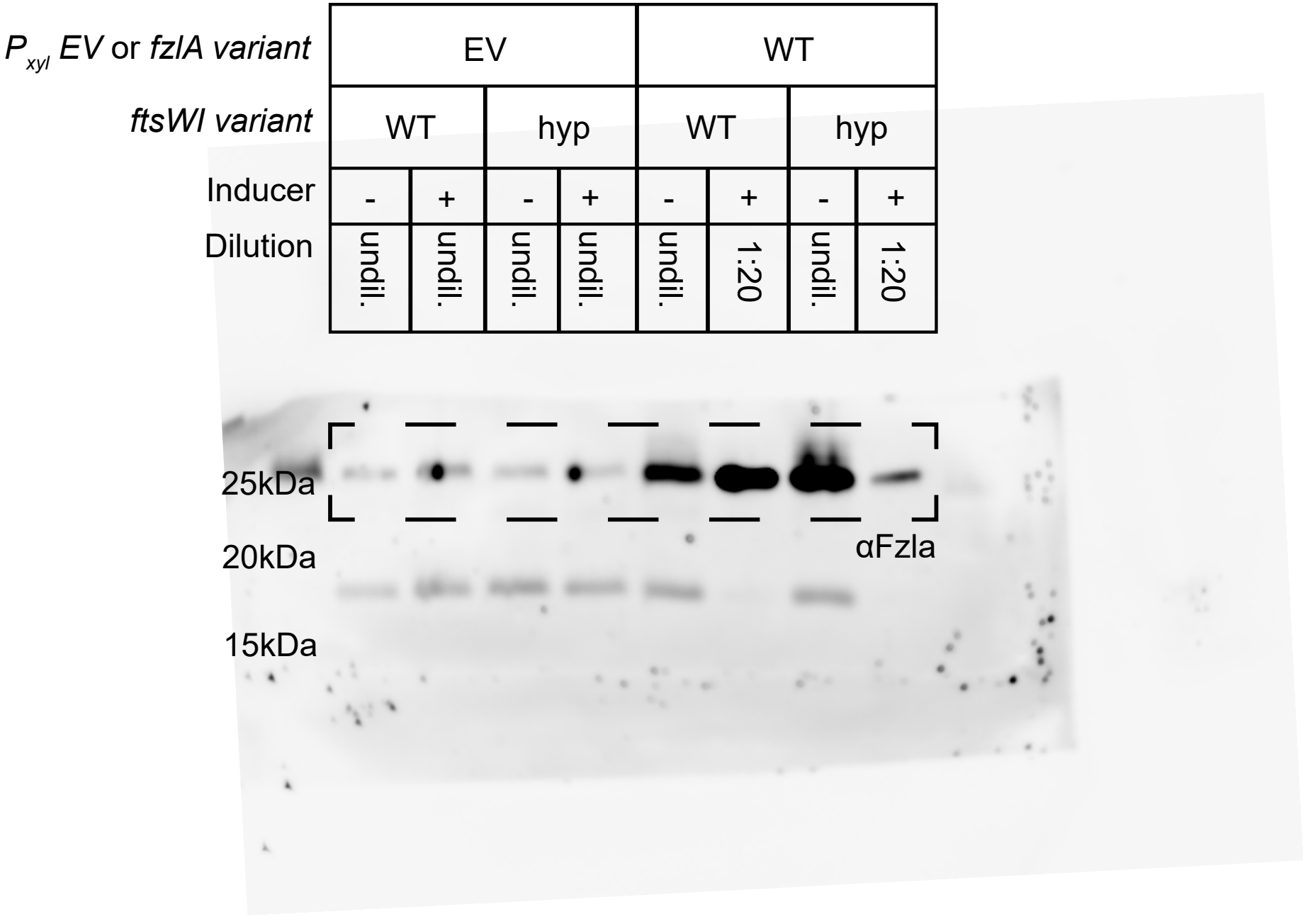
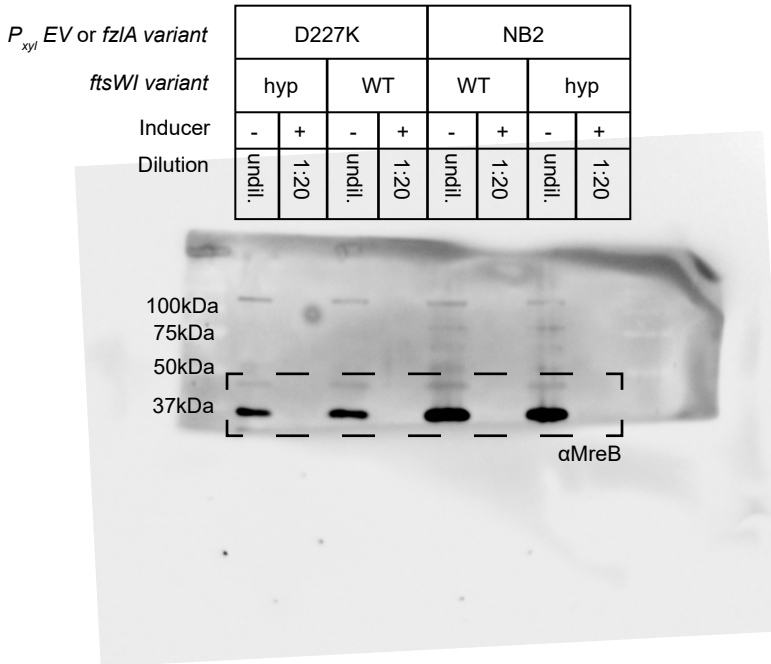
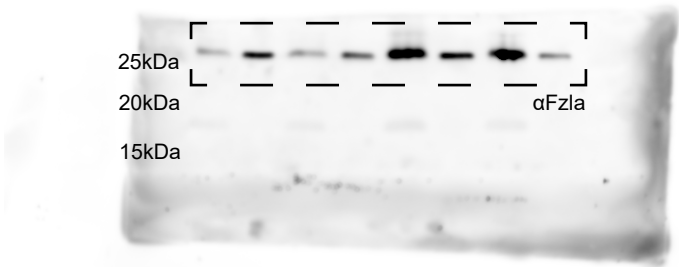
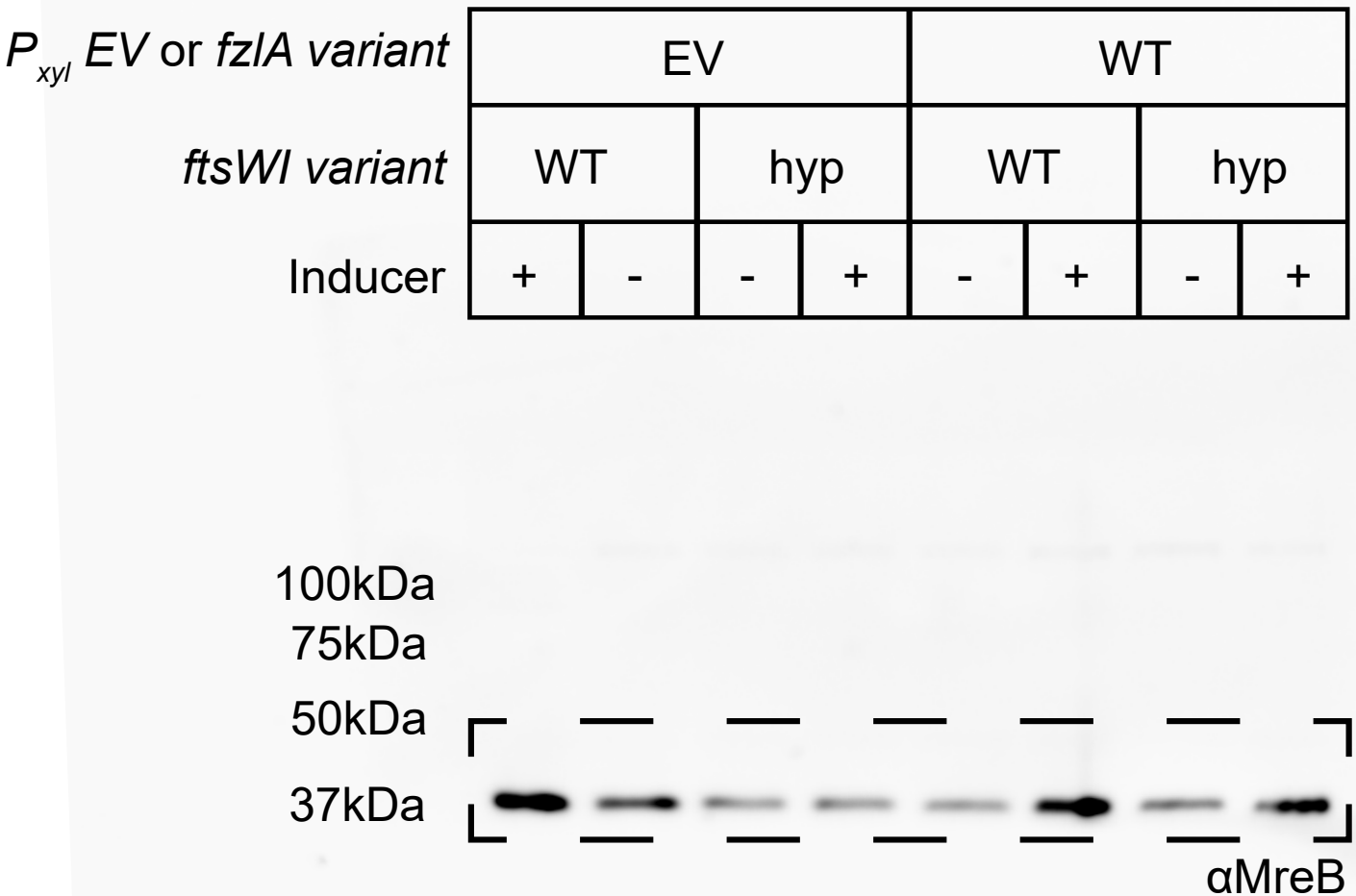

P_{xyl} *EV* or *fzlA variant*
EV
WT
ftsWI variant
WT
hyp
WT
hyp
Inducer
- + - + - + - +
Dilution
undil. undil. undil. undil. undil. 1:20 undil. 1:20
100kDa
75kDa
50kDa
37kDa
αMreB

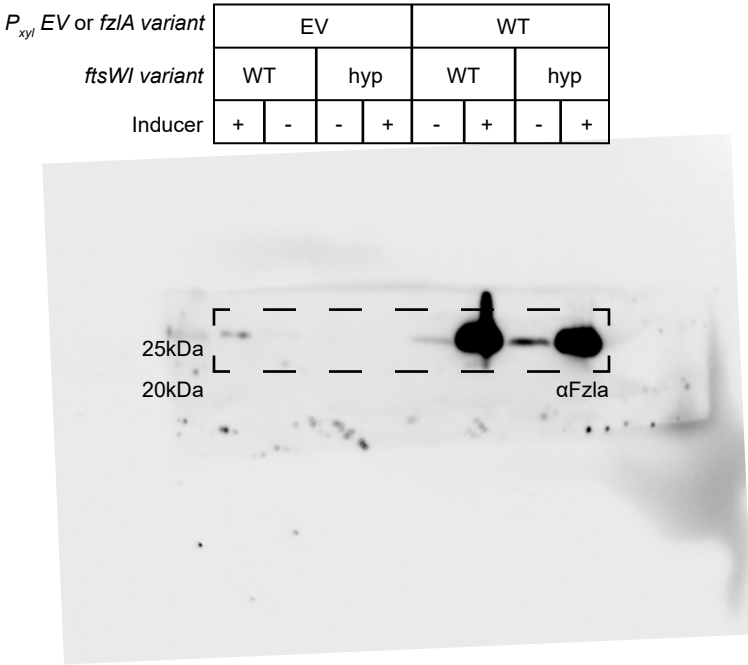

P_{xyl} *EV* or *fzlA variant*
EV
WT
ftsWI variant
WT
hyp
WT
hyp
Inducer
- + - + - + - +
Dilution
undil. undil. undil. undil. undil. 1:20 undil. 1:20
25kDa
20kDa
15kDa
αFzla

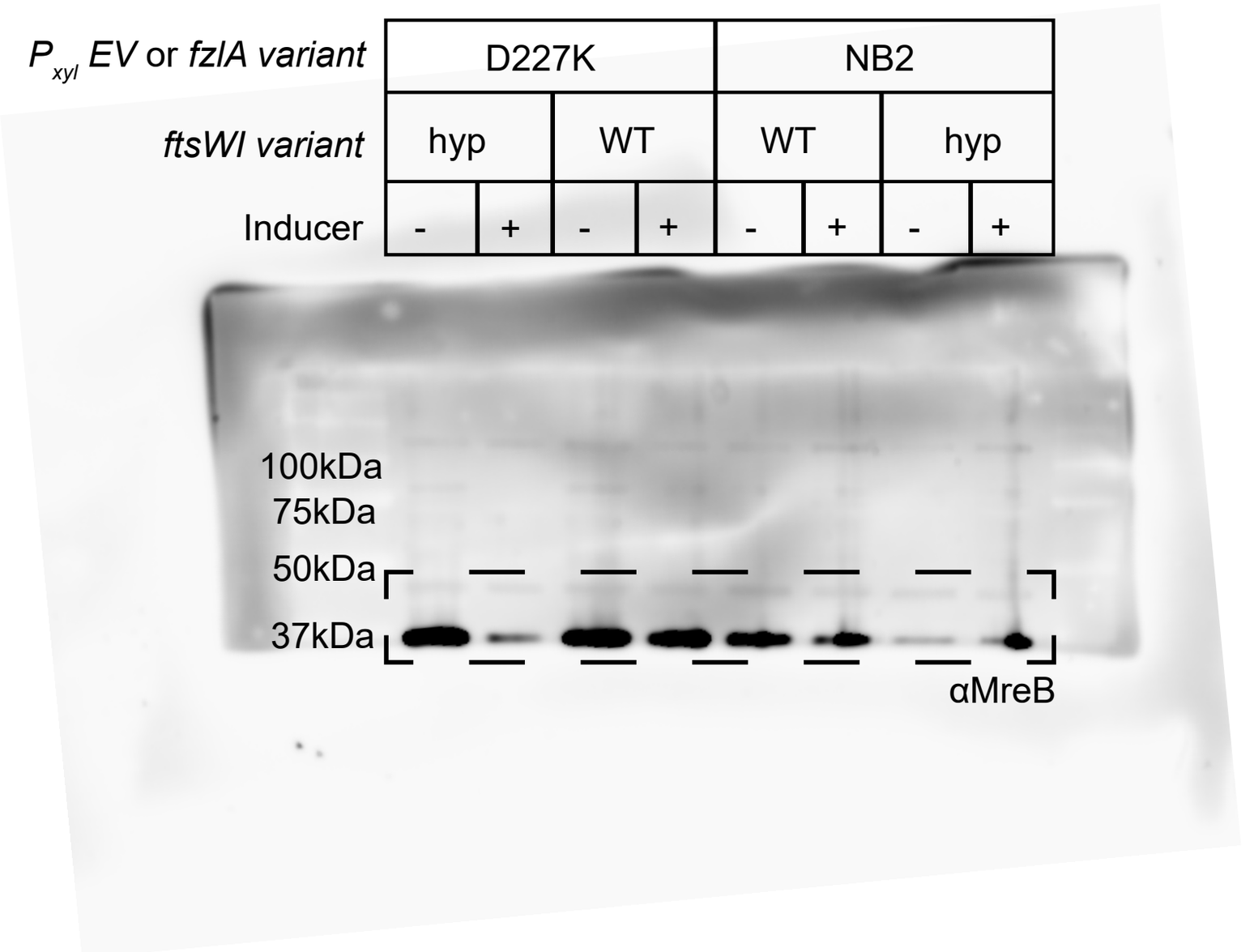

P_{xyl} *EV* or *fzlA variant*
D227K
NB2
ftsWI variant
hyp
WT
WT
hyp
Inducer
- + - + - + - +
Dilution
undil. 1:20 undil. 1:20 undil. 1:20 undil. 1:20
100kDa
75kDa
50kDa
37kDa
αMreB

P_{xyl} *EV or fzlA variant*	D227K				NB2			
ftsWI variant	hyp		WT		WT		hyp	
Inducer	-	+	-	+	-	+	-	+
Dilution	undil.	1:20	undil.	1:20	undil.	1:20	undil.	1:20

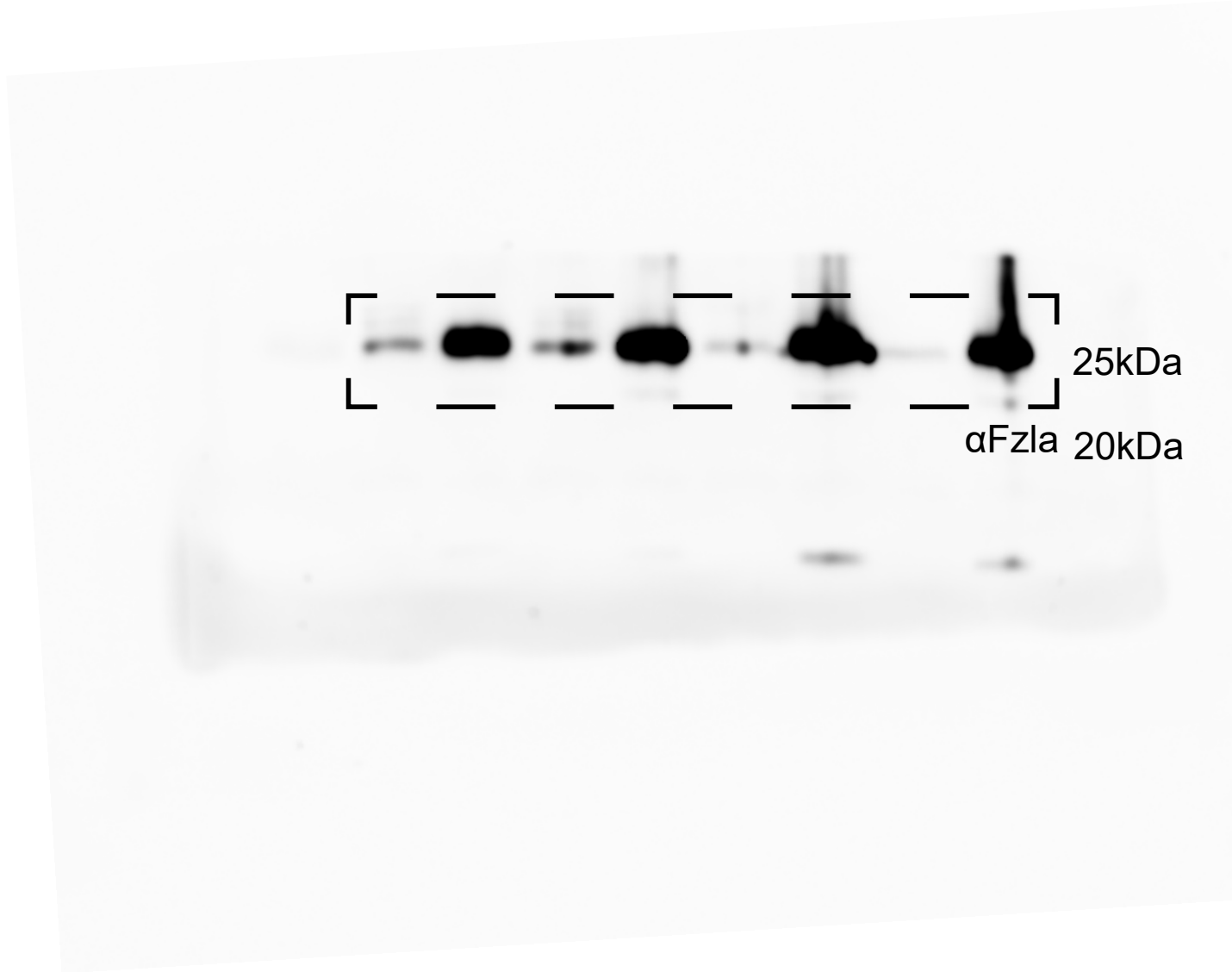


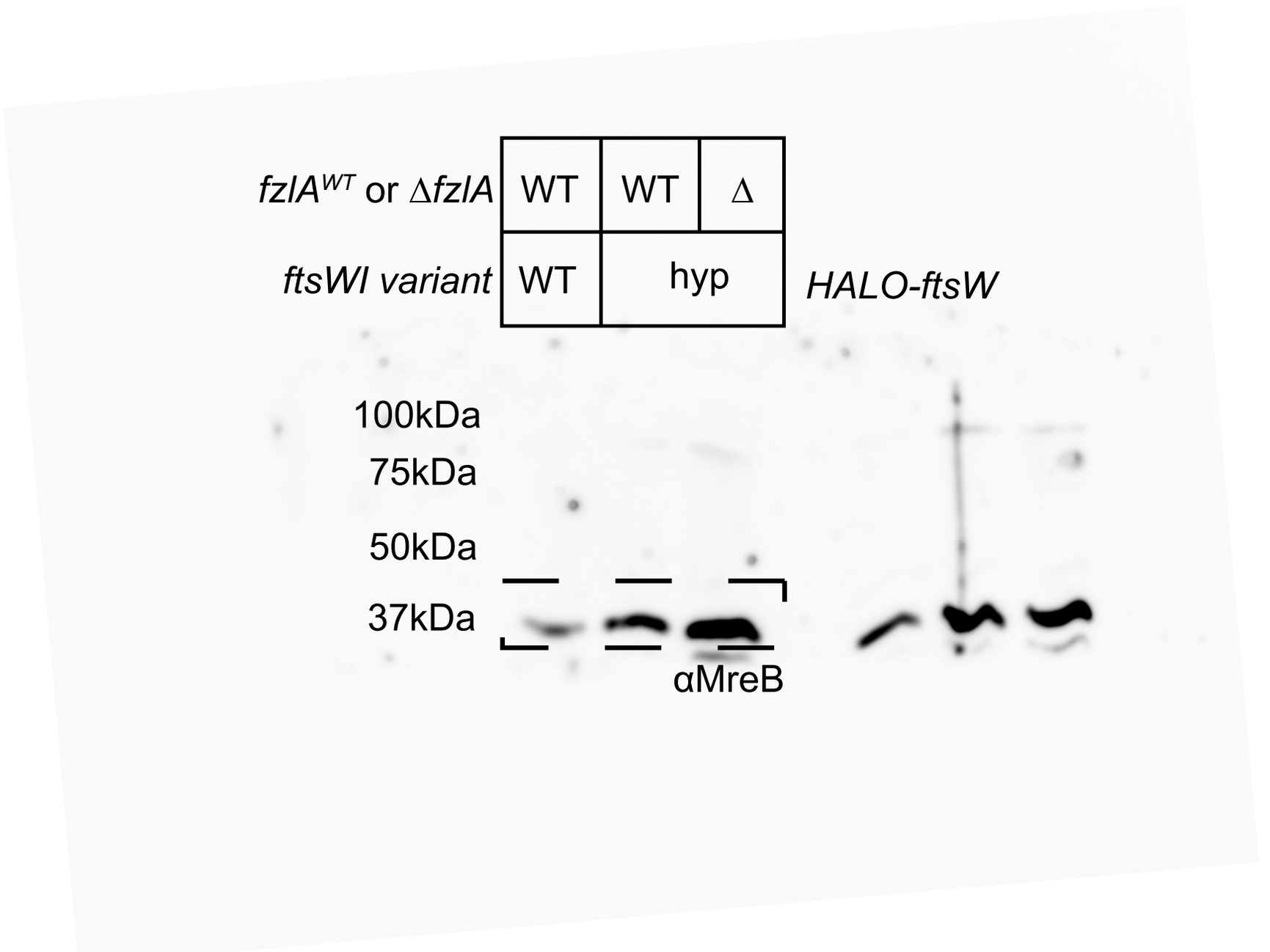

P_{xyl} *EV* or *fzlA variant*
EV
WT
ftsWI variant
WT
hyp
WT
hyp
Inducer
+
-
-
+
-
+
-
+
100kDa
75kDa
50kDa
37kDa
αMreB

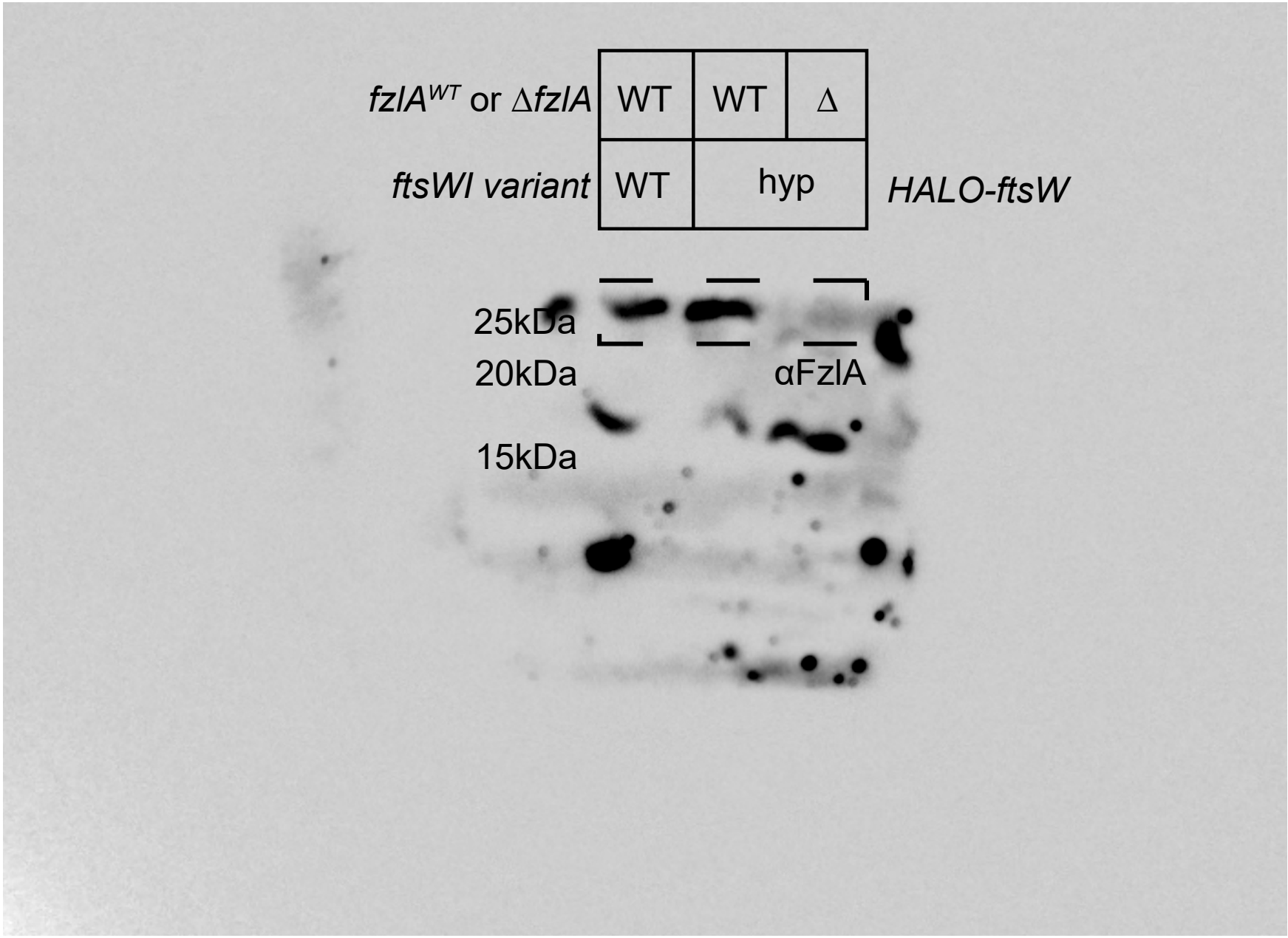

P_{xyl} *EV* or *fzlA variant*
EV
WT
ftsWI variant
WT
hyp
WT
hyp
Inducer
+
-
-
+
-
+
-
+
25kDa
20kDa
αFzla

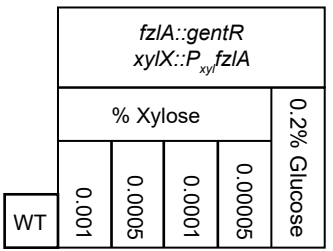

P_{xyl} *EV* or *fzlA variant*
D227K
NB2
ftsWI variant
hyp
WT
WT
hyp
Inducer
-
+
-
+
-
+
-
+
100kDa
75kDa
50kDa
37kDa
αMreB

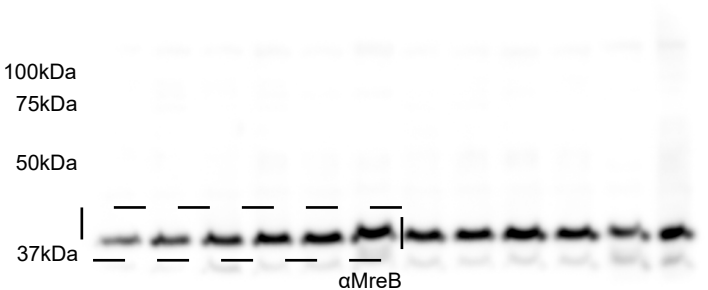
P_{xyl} *EV* or *fzlA variant*	D227K				NB2			
ftsWI variant	hyp		WT		WT		hyp	
Inducer	-	+	-	+	-	+	-	+

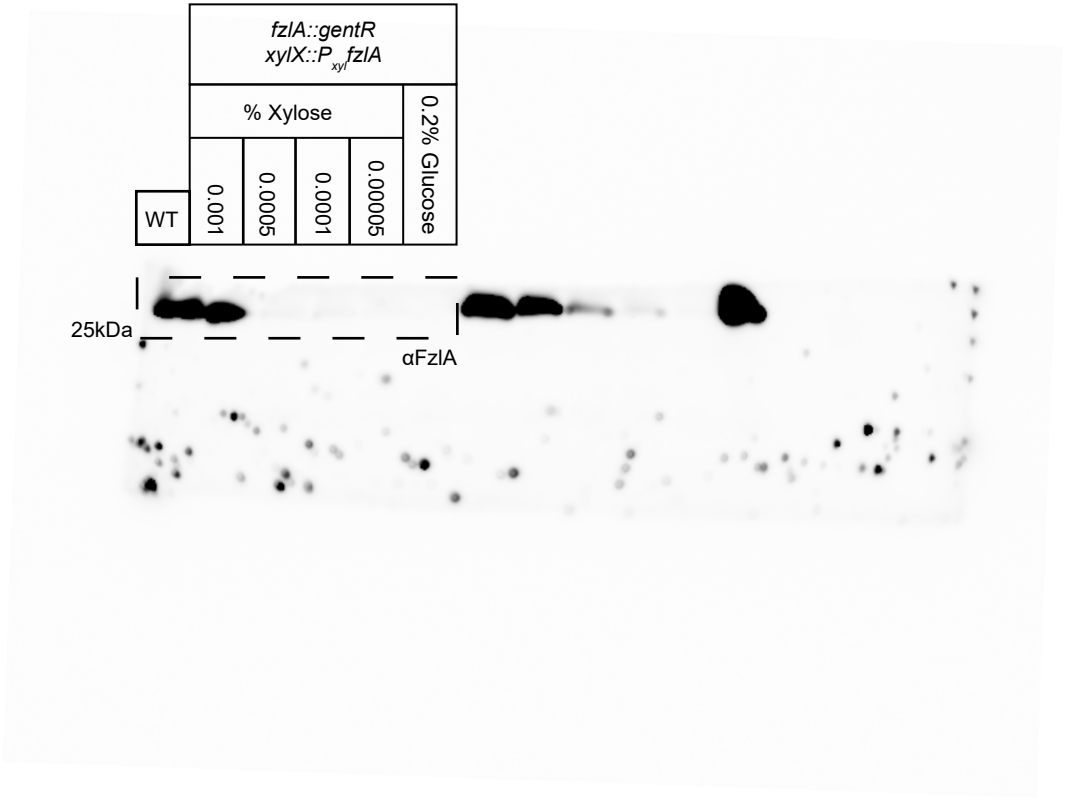


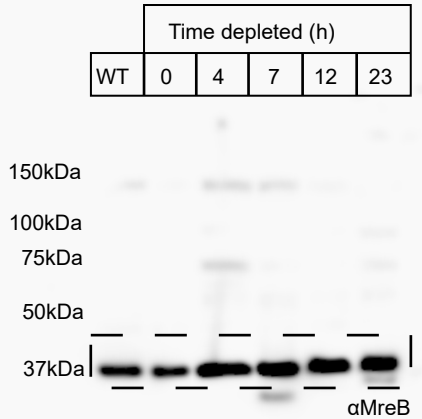

fzlA^WT or ΔfzlA
WT
WT
Δ
ftsWI variant
WT
hyp
HALO-ftsW
100kDa
75kDa
50kDa
37kDa
αMreB

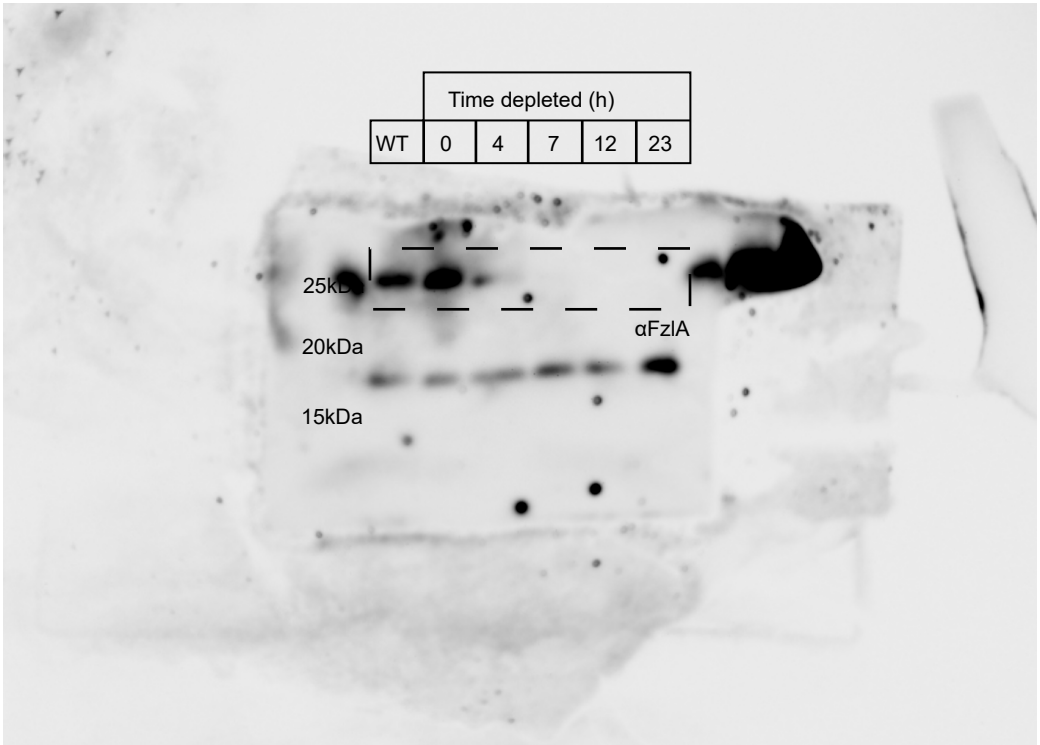

fzlA^WT or ΔfzlA
WT
WT
Δ
ftsWI variant
WT
hyp
HALO-ftsW
25kDa
20kDa
αFzlA
15kDa

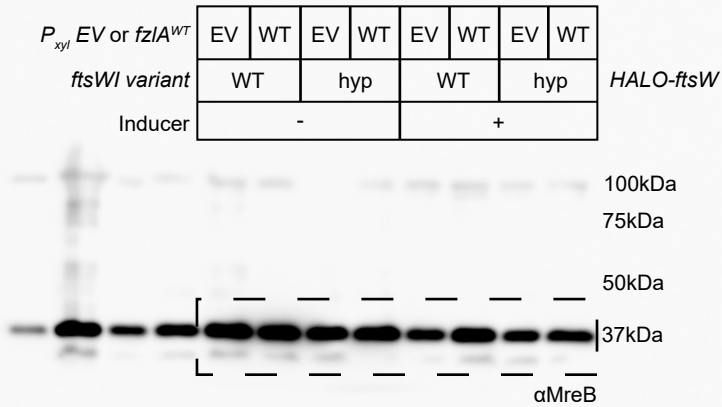

fzlA::gentR
xylX::P xyl fzlA
% Xylose
0.2% Glucose
WT
0.001
0.0005
0.0001
0.00005

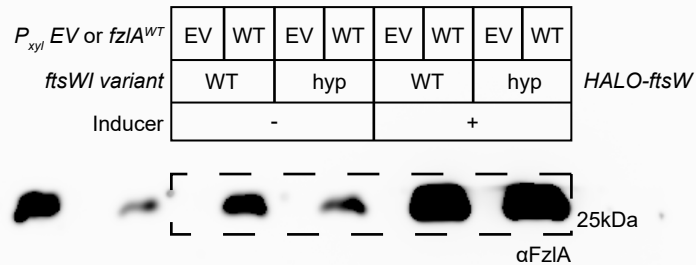

100kDa
75kDa
50kDa
37kDa
αMreB


fzlA::gentR
xylX::P xyl fzlA
% Xylose
0.2% Glucose
WT
0.001
0.0005
0.0001
0.00005
25kDa
αFzlA


Time depleted (h)
WT
0
4
7
12
23
150kDa
100kDa
75kDa
50kDa
37kDa
αMreB


Time depleted (h)
WT
0
4
7
12
23
25kDa
20kDa
15kDa
αFzlA


P_{xyl} *EV* or *fzlA*^{WT}
EV
WT
EV
WT
EV
WT
EV
WT
ftsWI variant
WT
hyp
WT
hyp
HALO-ftsW
Inducer
-
+
100kDa
75kDa
50kDa
37kDa
αMreB


P_{xyl} *EV* or *fzlA*^{WT}
EV
WT
EV
WT
EV
WT
EV
WT
ftsWI variant
WT
hyp
WT
hyp
HALO-ftsW
Inducer
-
+
25kDa
αFzlA