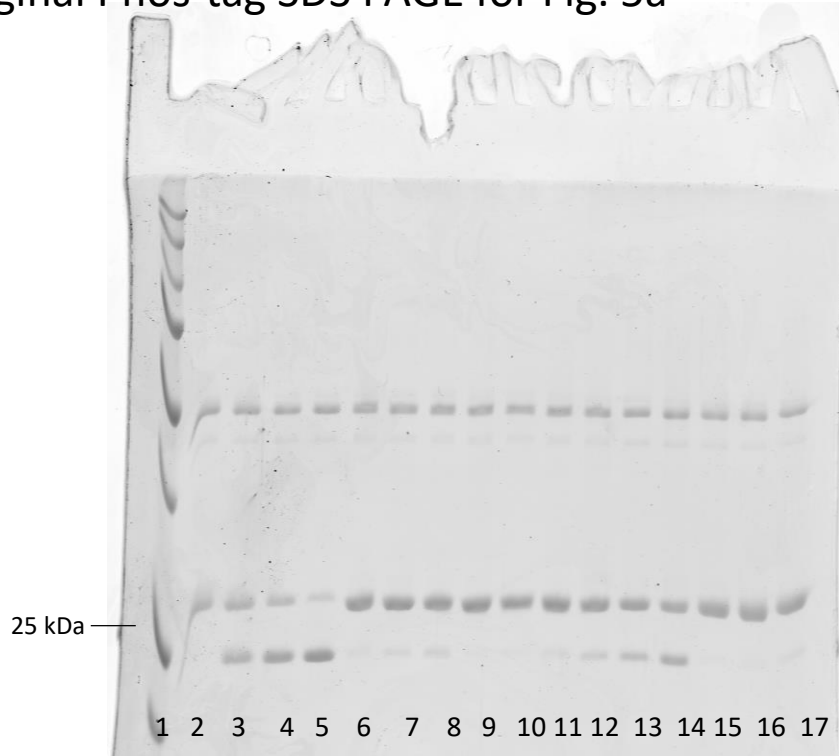
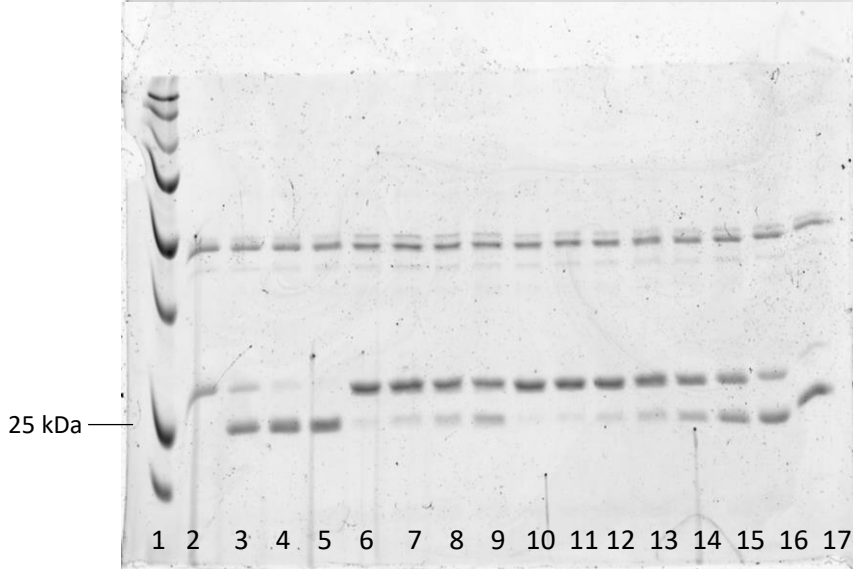


# Original Phos-tag SDS PAGE for Fig. 5a



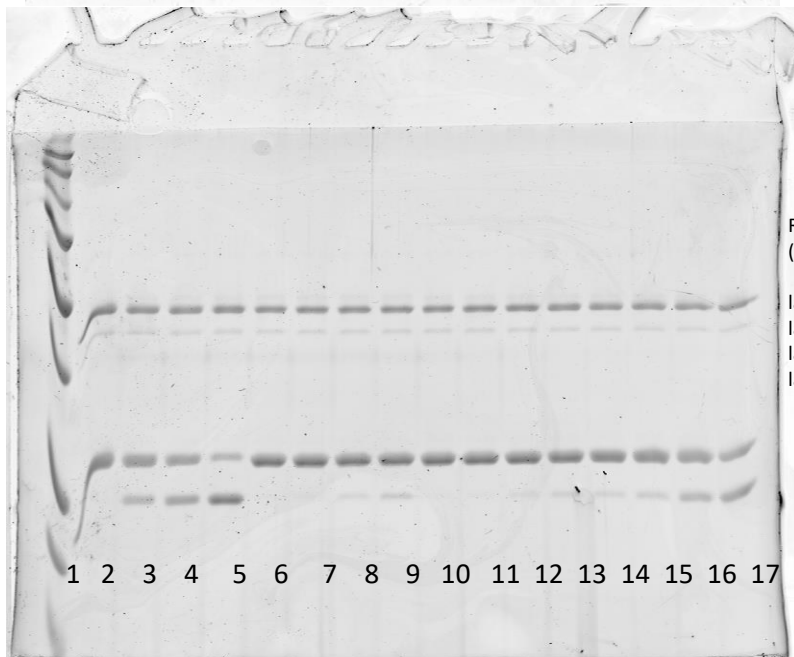
Full gel for Figure 6a top:

lane 3-5: WT  
lane 6-8: W582A  
lane 9-11: R591A  
lane 12-14: R594A  
lane 15-17: R591/594A



Full gel for Figure 6a bottom:

lane 3-5: WT  
lane 6-9: W582A  
lane 10-13: R591A  
lane 14-17: R594A

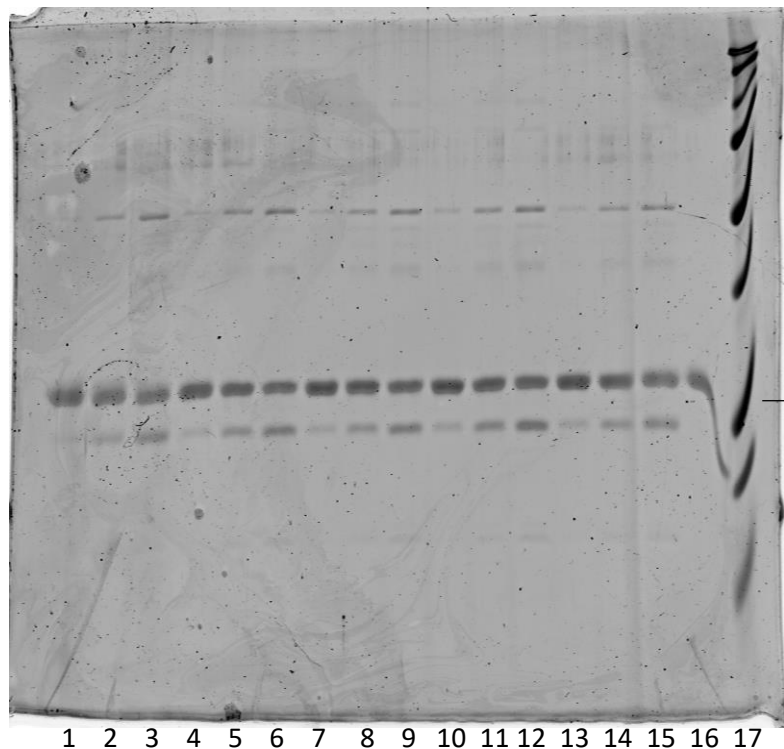


Repeat of Fig. 5a  
(R15/PP1A: 2.7nM)

lane 3-5: WT (5min, 10min, 30min)  
lane 6-9: W582A (5min, 10min, 30min, 60min)  
lane 10-13: R591A (5min, 10min, 30min, 60min)  
lane 14-17: R594A (5min, 10min, 30min, 60min)

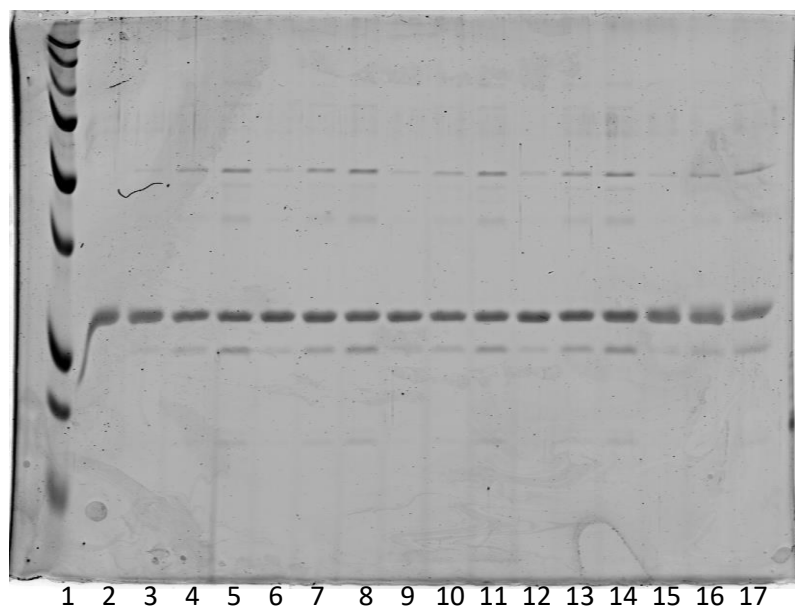
# Original Phos-tag SDS PAGE for Fig. 5b

## 50min



lane	R15/PP1 (nM)	R15A mutation
1	8	WT
2	32	
3	64	
4	8	W582A
5	32	
6	64	
7	8	R591A
8	32	
9	64	
10	8	R594A
11	32	
12	64	
13	8	R591A; R594A
14	32	
15	64	
16	NA	eIF2a-NTD-P
17	NA	MWM

## 25min



lane	R15/PP1 (nM)	R15A mutation
1	NA	MWM
2	NA	2a-P
3	8	WT
4	32	
5	64	
6	8	W582A
7	32	
8	64	
9	8	R591A
10	32	
11	64	
12	8	R594A
13	32	
14	64	
15	8	R591A; R594A
16	32	
17	64	