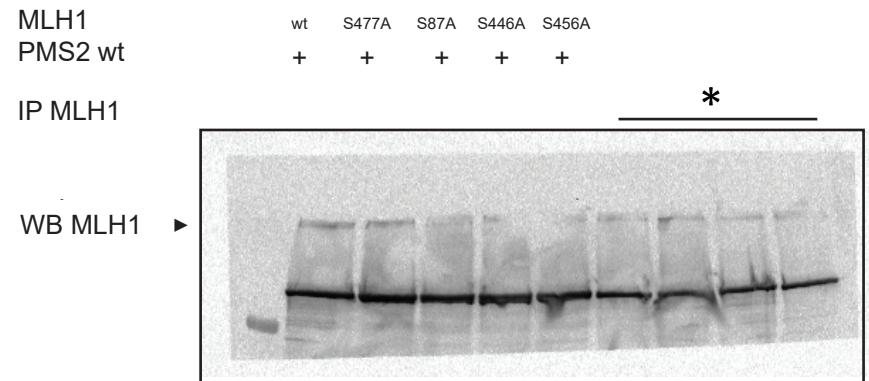
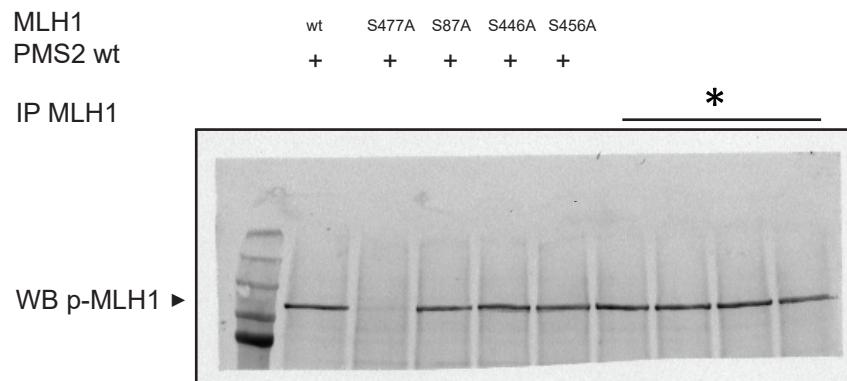
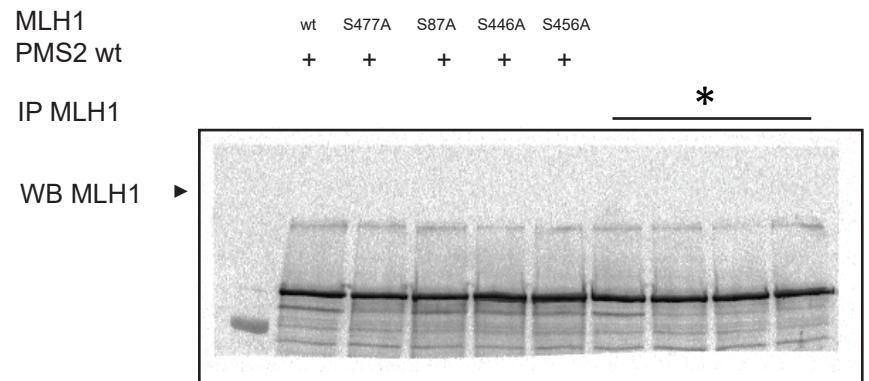
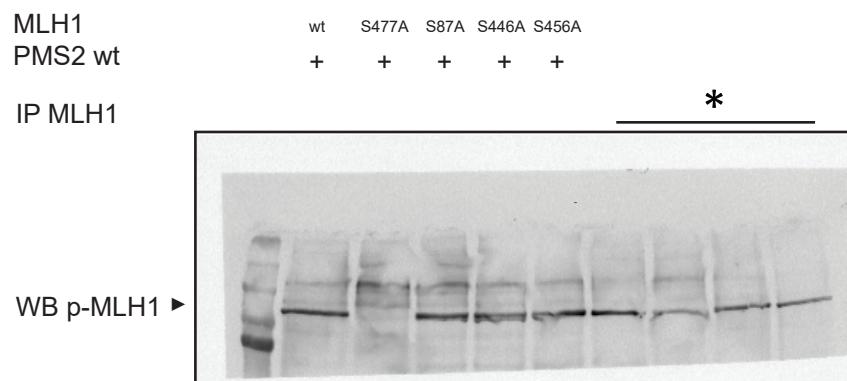


Figure S1

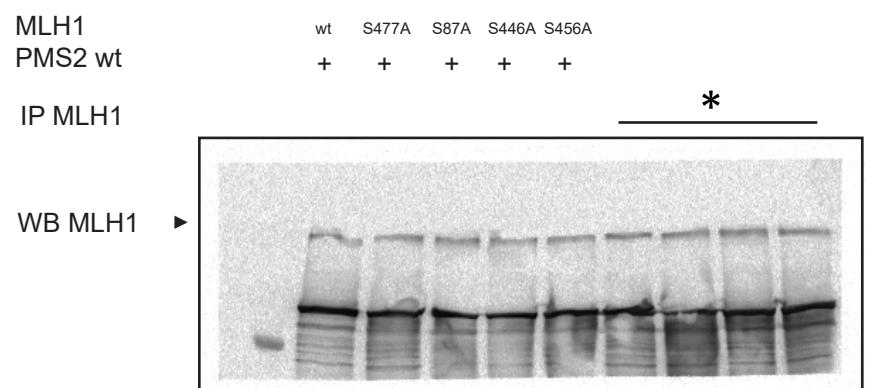
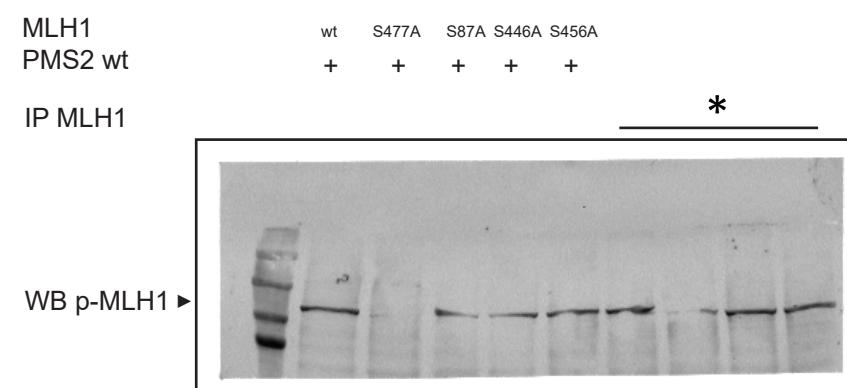
Blot 1



Blot 2



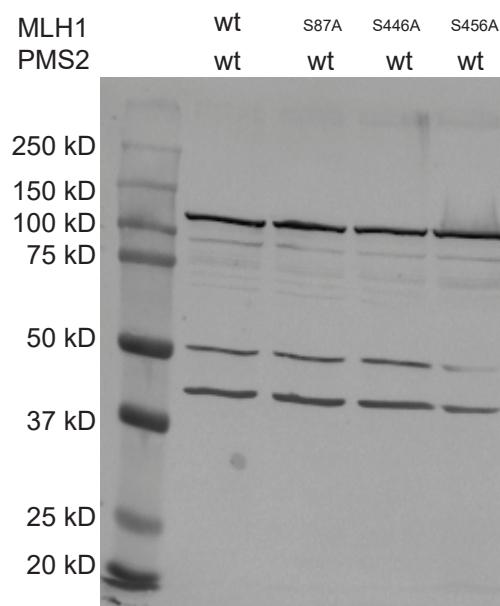
Blot 3



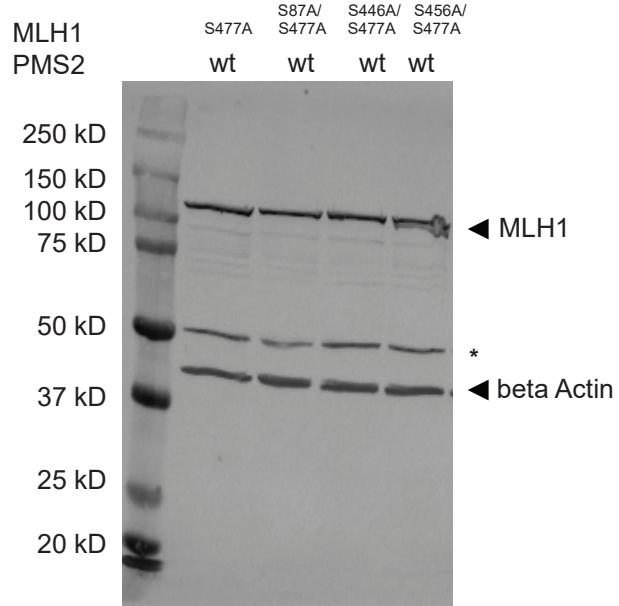
*Data not used.

Figure S2

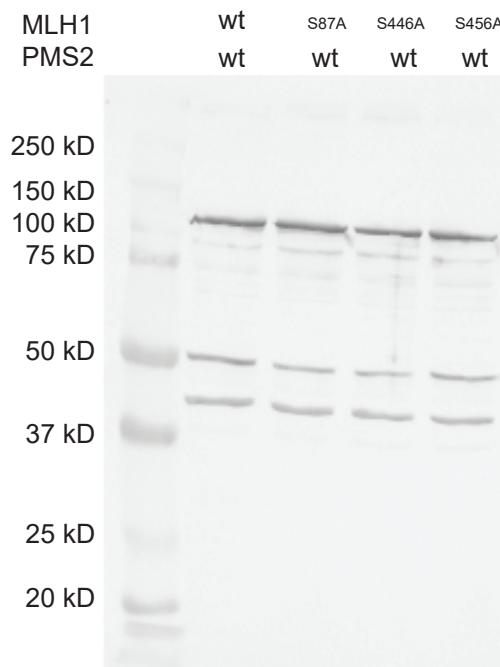
Blot 1 HEK293T transfected with:



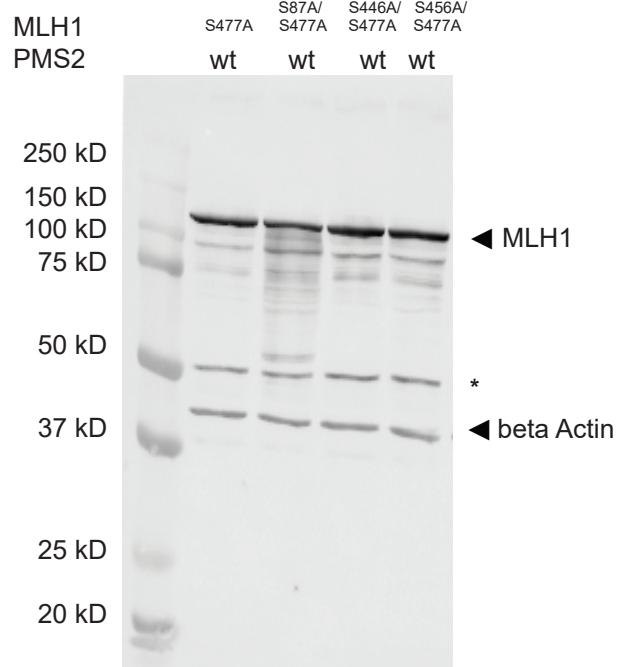
Blot 1 HEK293T transfected with:



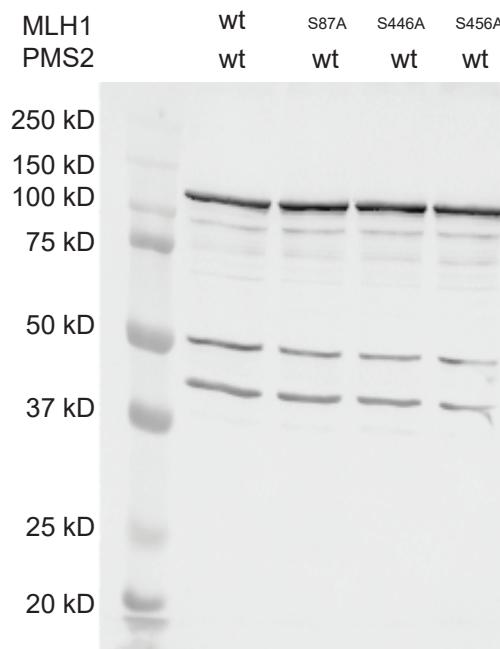
Blot 2 HEK293T transfected with:



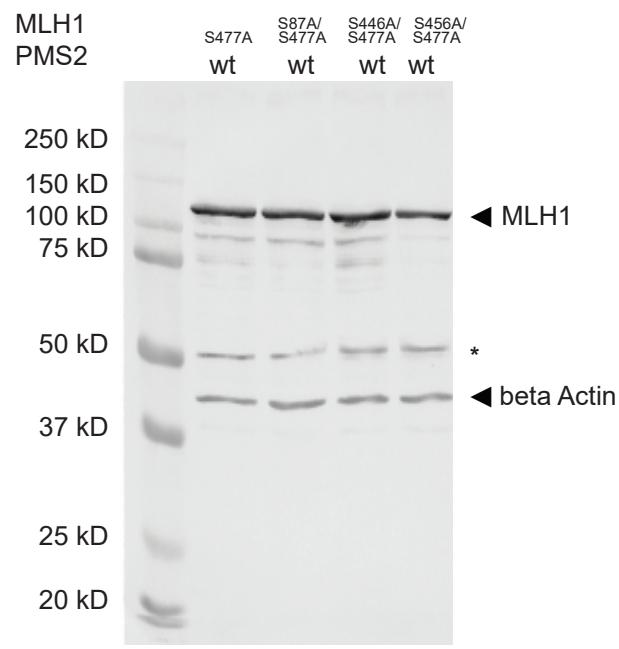
Blot 2 HEK293T transfected with:



Blot 3 HEK293T transfected with:



Blot 3 HEK293T transfected with:

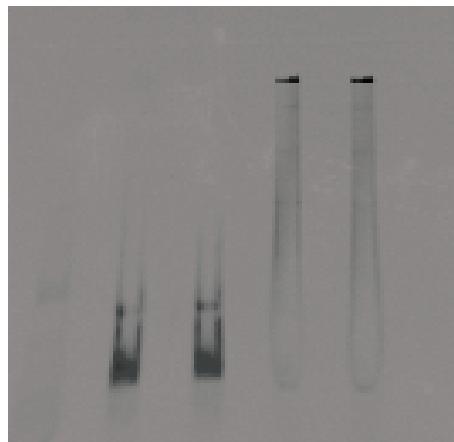


* = unspecific binding

Figure S3

A

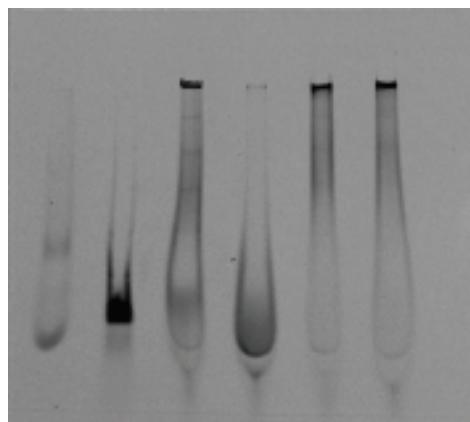
MutL α wt



Marker	+	-	-	-	-
DNA substrate	-	+	+	+	+
Sephadex	-	-	+	-	-
Recombinant protein	-	-	-	+	-
Sephadex-bound protein	-	-	-	-	+

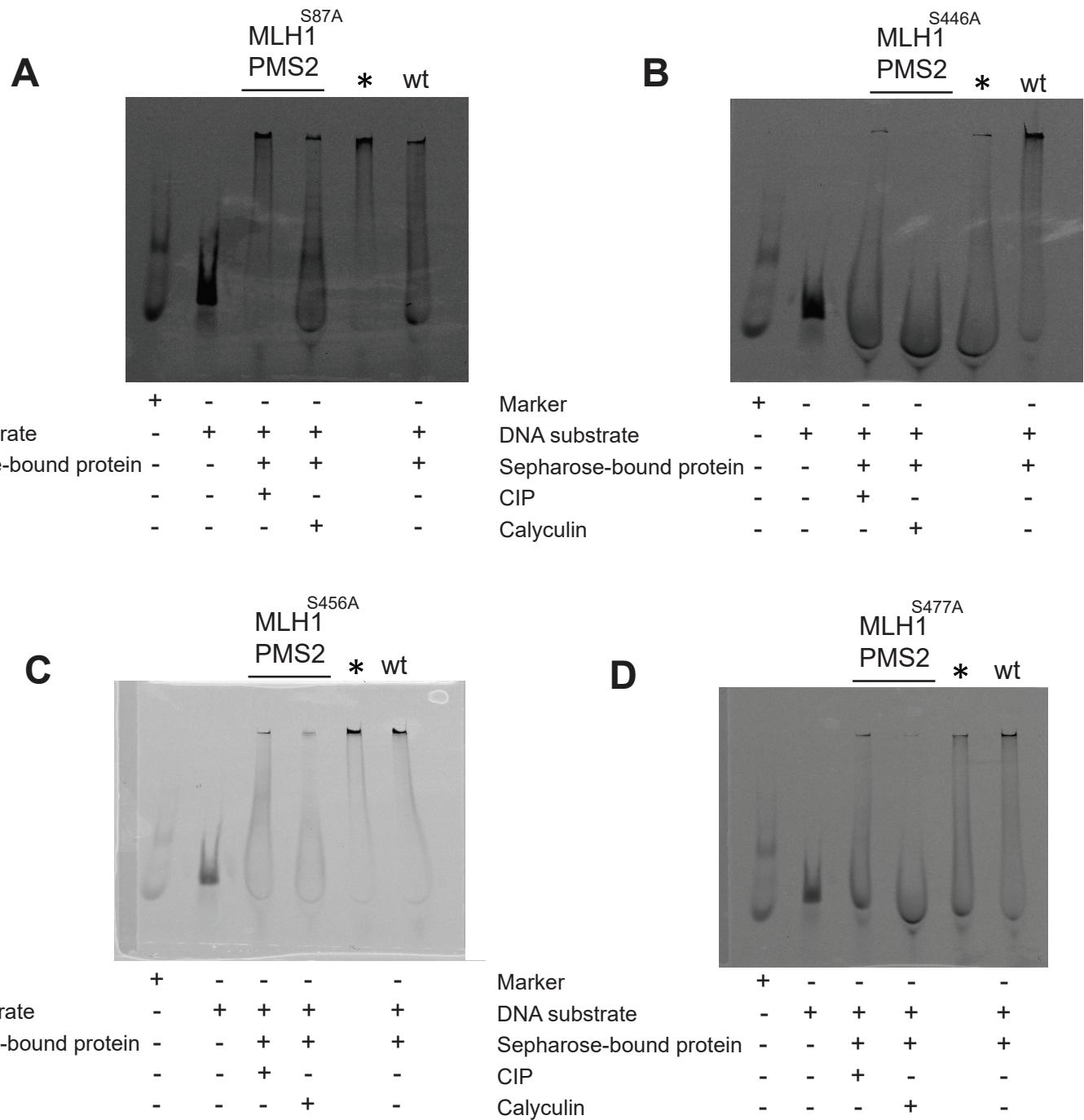
B

MutL α wt



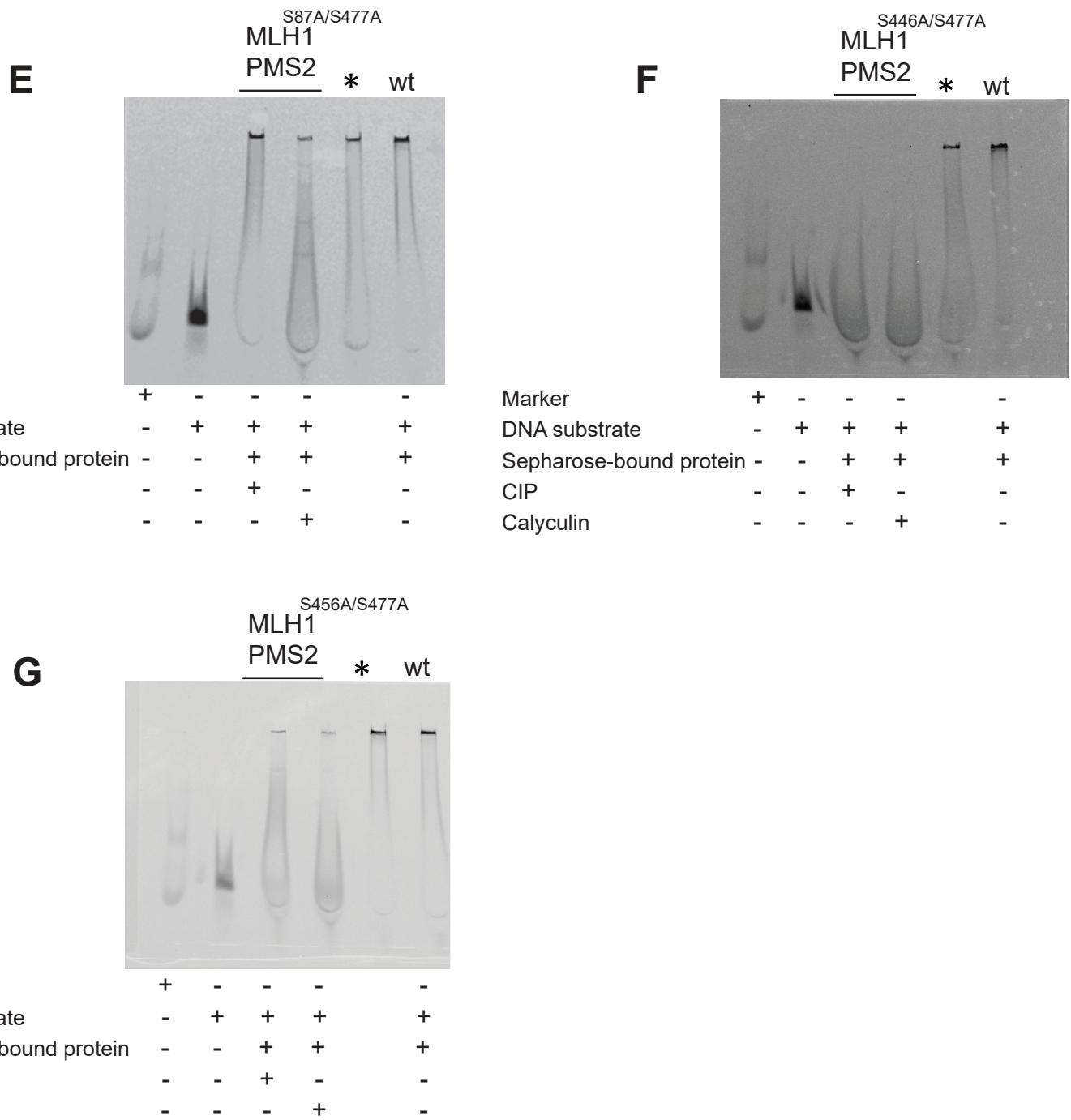
Marker	+	-	-	-	-	-	-
DNA substrate	-	+	+	+	+	+	+
Sephadex-bound protein	-	-	+	+	+	+	+
37°C	-	-	+	-	+	-	-
CIP	-	-	+	-	-	-	-
Calyculin	-	-	-	+	-	-	-

Figure S4



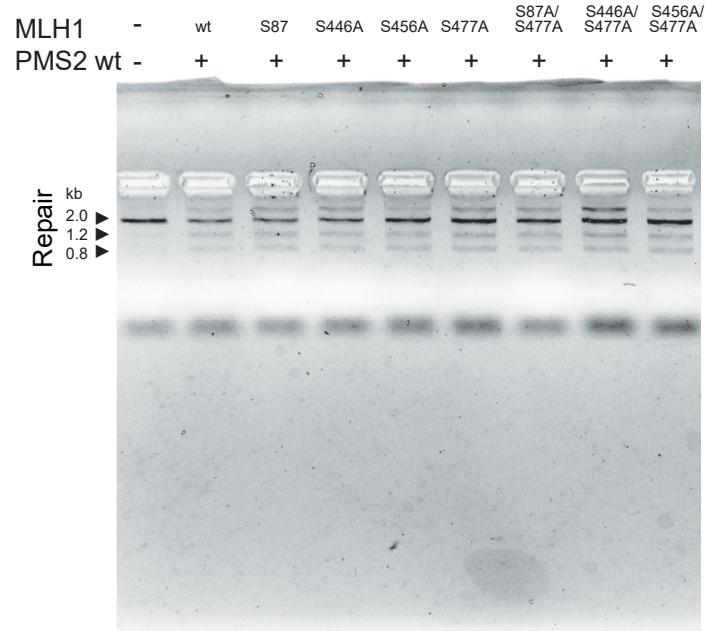
*Data not used.

Figure S4

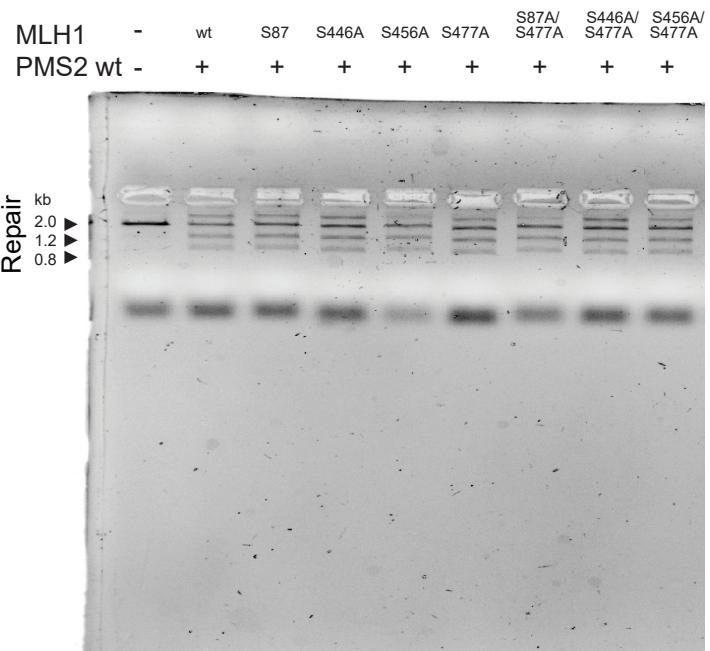


* Data not used.

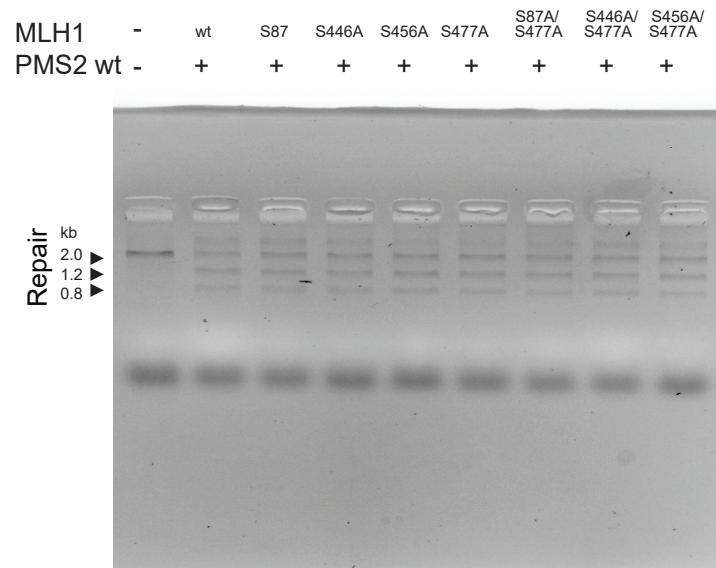
Figure S5A



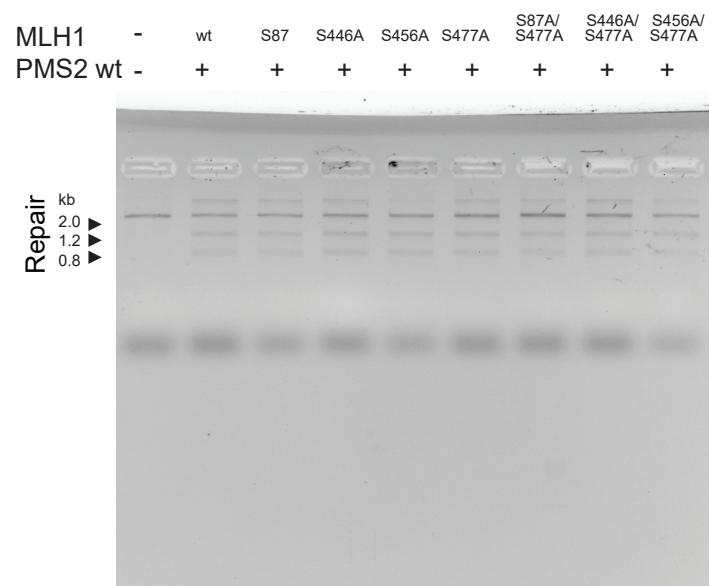
	MMR activity									
	absolute	4.75	39.72	39.26	40.36	28.87	32.62	19.42	29.25	29.84
	relative	11.97	100.00	98.85	101.63	72.70	82.14	48.90	73.64	75.13



	MMR activity									
	absolute	1.94	45.72	51.43	57.24	58.72	47.82	43.13	58.07	51.32
	relative	4.24	100.00	112.47	125.17	128.42	104.58	94.33	126.99	112.23

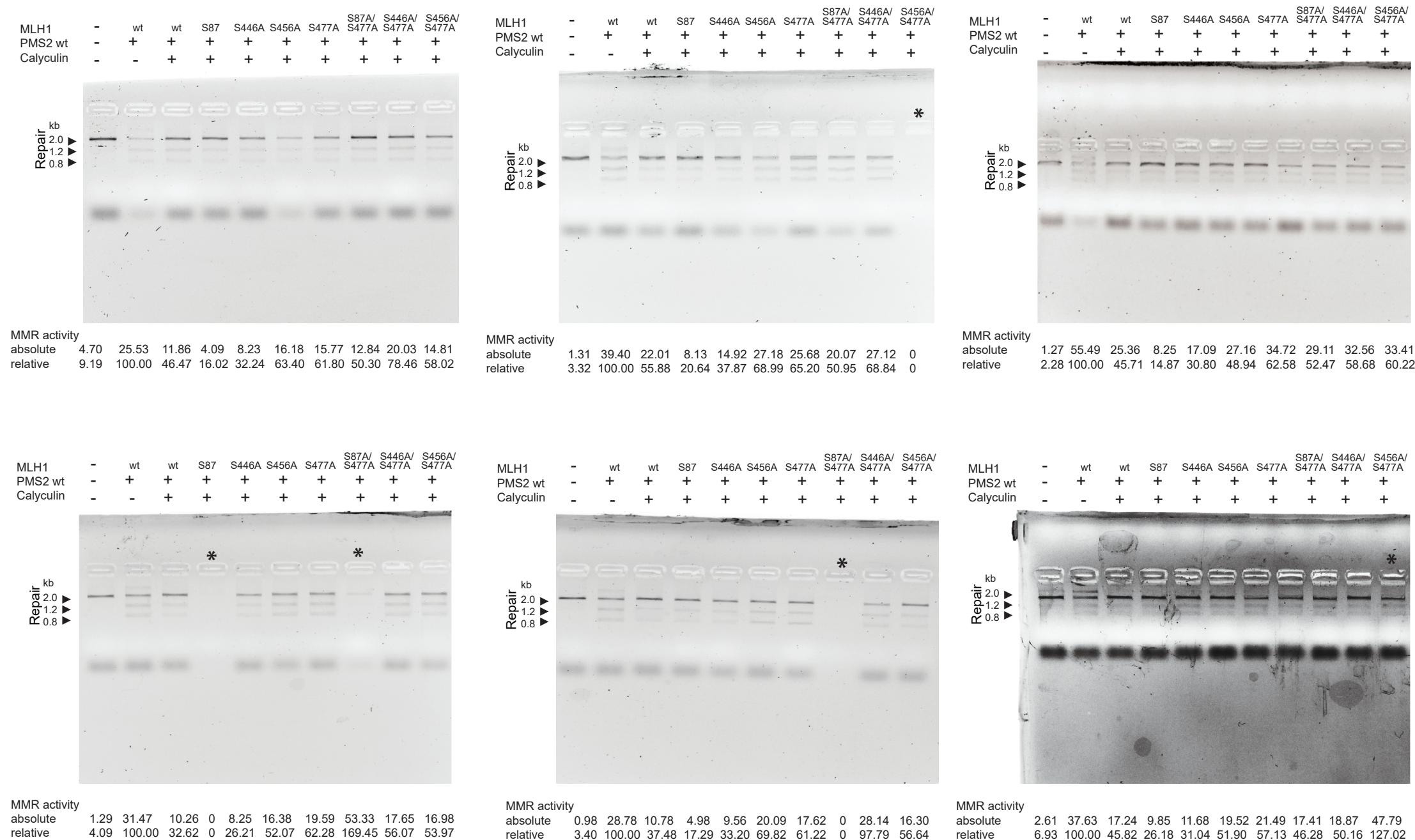


	MMR activity									
	absolute	3.30	83.20	45.27	73.12	55.67	43.58	75.42	66.44	64.97
	relative	3.02	100.00	54.86	83.60	67.31	52.34	90.57	81.14	77.18



	MMR activity									
	absolute	1.89	39.09	34.07	33.44	35.69	31.69	24.17	33.04	34.78
	relative	4.82	100.00	87.15	85.53	91.30	81.07	61.83	84.52	88.98

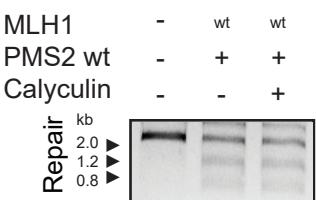
Figure S5B



* Data not used for calculation.

Figure S6

A



B

