

Table S3. Covered bases (“Covered”), average read depth (“Average depth”), and the fraction of covered bases against the target region (“Frac.”) in the 6-62 mutant and the average of three mutants (3-14, 7-30, and 7-3B)

Chr.	Location		6-62 mutant			Average of 3 other mutants (3-14, 7-30, 7-3B)		
	Start	End	Covered	Average depth	Frac.	Covered	Average depth	Frac.
9	3,063,815	3,064,438	0	0	0	624	36.4	1
9	3,074,231	3,074,518	0	0	0	288	66.7	1
9	3,075,476	3,075,524	0	0	0	49	68.2	1
9	3,075,624	3,075,829	0	0	0	206	104.2	1
9	3,077,552	3,077,720	0	0	0	169	80.0	1
9	3,077,930	3,077,995	0	0	0	66	48.1	1
9	3,078,118	3,078,225	0	0	0	108	57.7	1
9	3,079,315	3,079,422	0	0	0	108	98.4	1
9	3,079,501	3,079,566	0	0	0	66	101.3	1
9	3,083,592	3,083,652	0	0	0	61	77.7	1
9	3,083,780	3,083,907	0	0	0	128	132.5	1
9	3,084,904	3,084,945	0	0	0	42	73.7	1
9	3,085,262	3,085,378	0	0	0	117	124.0	1
9	3,085,468	3,085,519	0	0	0	52	97.8	1
9	3,091,500	3,091,681	0	0	0	182	69.8	1
9	3,091,781	3,091,866	0	0	0	86	81.9	1
9	3,092,019	3,092,095	0	0	0	77	98.8	1
9	3,092,192	3,092,503	0	0	0	312	91.8	1
9	3,105,019	3,105,495	0	0	0	477	61.0	1
9	3,120,346	3,121,350	0	0	0	1005	157.3	1
9	3,120,435	3,120,887	0	0	0	453	180.8	1
9	3,121,449	3,121,625	0	0	0	177	122.4	1
9	3,121,723	3,121,836	0	0	0	114	112.1	1
9	3,122,802	3,122,906	0	0	0	105	198.5	1
9	3,123,118	3,123,252	0	0	0	135	82.4	1
9	3,123,336	3,123,391	0	0	0	56	60.9	1
9	3,123,703	3,123,819	0	0	0	117	105.3	1
9	3,124,103	3,124,233	0	0	0	131	63.8	1
9	3,124,352	3,124,915	0	0	0	564	79.4	1
9	3,126,807	3,127,160	0	0	0	354	51.1	1