

**Table S1.** Mutagenic primers used in this study.

<b>Protein</b>	<b>Mutant</b>	<b>Primer</b>	<b>Sequence</b>
Rv1625 <sub>C204-443</sub>	D256A	Sense	5'-CCTCGGTGCTGTTCGCCGGCCTCGTCGGGTTCACCGAAC-3'
Rv1625 <sub>C204-443</sub>	D256A	Antisense	5'-GTTCGGTGAACCCGACGAGGCCGGCGAACAGCACCGAGG-3'
Slr1991 <sub>120-337</sub>	K177A	Sense	5'-GGCAGTTGGGTGGATGCGTACATCGGTGATGCG-3'
Slr1991 <sub>120-337</sub>	K177A	Antisense	5'-CGCATCACCGATGTACGCATCCACCCAAGTCC-3'
Slr1991 <sub>120-337</sub>	D137A	Sense	5'-ATTACGGTGTGGTGGCGGCCATGCGTAACTTCACCGGC-3'
Slr1991 <sub>120-337</sub>	D137A	Antisense	5'-GCCGGTGAAGTTACGCATGGCCGCCACCAACACCGTAAT-3'
Slr1991 <sub>120-337</sub>	D181A	Sense	5'-GTGGATAGCTACATCGGTGCCCGCGGTTCATGGCCATCTGG-3'
Slr1991 <sub>120-337</sub>	D181A	Antisense	5'-CCAGATGGCCATGACCGCGGCACCGATGTAGCTATCCAC-3'.