

**Table S3.** Primers used in the present study to obtain NcENA1 mutants by targeted mutagenesis.

<b>Primer name</b>	<b>Sequence 5'-3'</b>
NcA343E-1	GTCGATGATTCCGGAGAGTTTGGTG
NcA343E-1R	CACCAAACCTCTCCGGAATCATCGAC
NcS344G-1	TTCCGGCGGGTTTGGTGGTGGTGTT
NcS344G-1R	ACCAAACCCGCCGGAATCATCGACA
NcE818V-1	CGGTGAACATCGCTCAGGCAGGC
NcE818V-1R	CGATGTTACACGCCAAGACGTGC
NcN819V-1	CGGAGGTCATCGCTCAGGCAGGC
NcN819V-1R	CGATGACCTCCGCCAAGACGTGC
NcQ822V-1	GAGAACATCGCTGTGGCAGGCAC
NcQ822V-1R	GGGTGCCTGCCACAGCGATGTTC
NcT855V-1	CATCATGATCGTCTCCGGTCTAC
NcT855V-1R	ACCGGAGACGATCATGATGATCC
NcD860S-1	CTCCGGTCTACCCTCCATGGGCC
NcD860S-1R	GGAGGGTAGACCGGAGGTGATCA
NcD892V-1	TCATCGTCATGATCTTTTACGGA
NcD892V-1R	GACGATGATGAATTCCAAAGTAA
NcS963A-1	CGCGCCTTCTTCCGGATGCAGCCTG
NcS963A-1R	GGCGCGGCGCATATCGACGAGCTCC