

Supporting Table 1. Primers used for mutagenesis

AAA-WT	5'-CAT CAT TAA <u>CTG CTT</u> <u>CCG CTC</u> CAA <u>CAG CTC</u> AAG ACC AAA AAC-3'
ASS-WT	5'-CAT CAT TAA <u>CTG CTT</u> CCT CAC CAA CAA GTC AAG ACC AAA AAC-3'
SSA-WT	5'-CAT CAT TAA CTT CTT CCT CAC CAA <u>CAG CTC</u> AAG ACC AAA AAC-3'
SAS-WT	5'-CAT CAT TAA CTT CTT <u>CCG CTC</u> CAA CAA GTC AAG ACC AAA AAC-3'
DDD-WT	5'-CAT CAT TAA <u>CTG ATT</u> <u>CCG ATC</u> CAA <u>CAG ATC</u> AAG ACC AAA AAC-3'
SDS-WT	5'-CAT CAT TAA CTT CTT <u>CCG ATC</u> CAA CAA GTC AAG ACC AAA AAC-3'
DSS-WT	5'-CAT CAT TAA <u>CTG ATT</u> CCT CAC CAA CAA GTC AAG ACC AAA AAC-3'
SSD-WT	5'-CAT CAT TAA CTT CTT CCT CAC CAA <u>CAG ATC</u> AAG ACC AAA AAC-3'
WT-AAA	5'-GGC CAA TCA <u>GCA</u> GCT GCA <u>GCA GCT</u> CCT GAT CG-3'
WT-DDD	5'-GGC CAA TCA <u>GAT</u> GCT GCA <u>GAT GAT</u> CCT GAT CG-3'
AAA-DDD	5'-CAT CAT TAA <u>CTG CTT</u> <u>CCG CTC</u> CAA <u>CAG CTC</u> AAG ACC AAA AAC-3'
	5'-GGC CAA TCA <u>GAT</u> GCT GCA <u>GAT GAT</u> CCT GAT CG-3'
DDD-AAA	5'-GGC CAA TCA <u>GCA</u> GCT GCA <u>GCA GCT</u> CCT GAT CG-3'
	5'-CAT CAT TAA <u>CTG ATT</u> <u>CCG ATC</u> CAA <u>CAG ATC</u> AAG ACC AAA AAC-3'

Oligonucleotide primers (Forward)

Mutated residues are underlined