Supplement 1.

WT | S241E | N353A | D356V | K367A | L377R | C

WT | V381R | E385Q | L396R | L408A | D431Y | C

WT | N460A | D478A | H493A | S523A | Y531A

WT | Y542E | Y542F | Y542S

WT | K534E | M548V | K534E/M548V | C