P408R P408L L411P S420F E431K P441L M472L E292D C2598 C3598 Ladder A497D 1403T addei 19 ----21---16 ---D407H D407H D407H D407H D407H D407H D407H D407H D407H D408H D4 **Ladder**R463Q
R463L
D476N
R483W
R483W
P487L
P4915
S493F
C501R
R503Q
P506S
R509Q
D521N