```
S:A1087S, S:A27S, S:A575S, S:F456L, S:F59S, S:K478T, S:L212I, S:L455S, S:R346T, S:T22N
S:A1087S, S:A27S, S:F456L, S:F59S, S:H445P, S:L212I, S:L455S, S:R190S, S:R346T, S:T22N
S:A1174V, S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:L212I, S:L455S, S:N487D, S:Q493E, S:R190S, S:R346T, S:V1104L
S:A27S, S:A376N, S:F456L, S:I101T, S:K679R, S:L212I, S:L455S, S:Q493E, S:S673T, S:V1104L
S:A27S, S:A376N, S:F456L, S:I101T, S:K679R, S:L212I, S:L455S, S:Q493E, S:V1104L
S:A27S, S:A435S, S:F456L, S:F59S, S:G184S, S:K478I, S:L212I, S:L455S, S:Q493E, S:T22N
S:A27S, S:A435S, S:F456L, S:F59S, S:L212I, S:L455S, S:Q493E, S:T22N, S:V1104L
S:A27S, S:A435S, S:F456L, S:H445P, S:L212I, S:L455S, S:Q493E, S:V1104L
S:A27S, S:A435S, S:F456L, S:K1073N, S:L212I, S:L455S, S:Q493E, S:V1104L
S:A27S, S:A435S, S:F456L, S:K478E, S:L212I, S:L455S, S:S60P
S:A27S, S:A435S, S:F456L, S:K478T, S:L212I, S:L455S, S:Q183H, S:R346T, S:V1264L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:P139S, S:O493E, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q183H, S:Q493E, S:R190T, S:T572I, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q183H, S:Q493E, S:R190T, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q493E, S:R346T, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q493E, S:S446N, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q493E, S:S680P, S:T547K, S:V1104L
S:A27S, S:A435S, S:F456L, S:L212I, S:L455S, S:Q493E, S:V1104L
S:A27S, S:A475V, S:F456L, S:H445P, S:K182R, S:K444R, S:L212I, S:L441R, S:L455S, S:R190S, S:R346T, S:S31P, S:T22N
• S:A27S, S:A475V, S:F456L, S:H445P, S:K182R, S:L212I, S:L441R, S:L455S, S:R190S, S:R346T, S:S31P, S:T22N, S:T791A
• S:A27S, S:A475V, S:F456L, S:K182R, S:K444R, S:L212I, S:L455S, S:R190S, S:R346T, S:S31P, S:S680F, S:T22N
S:A27S, S:A475V, S:F456L, S:K182R, S:K444R, S:L212I, S:L455S, S:R190S, S:R346T, S:S31P, S:T22N
S:A27S, S:A522P, S:F186L, S:F456L, S:H445R, S:K1086R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:V1104L
S:A27S, S:A522P, S:F456L, S:H146Q, S:L212I, S:L455S, S:Q493E, S:R346T, S:V1104L
S:A27S, S:A688V, S:F456L, S:K182N, S:L176F, S:L212I, S:L455S, S:R346T, S:S60P, S:T22N
S:A27S, S:D264A, S:D450N, S:F127V, S:F216L, S:F939S, S:G158R, S:H339D, S:H445V, S:K403R, S:K460N, S:K484A, S:K554E, S:L1143P, S:L50S, S:N245H, S:P486V, S:R681H, S:S157F, S:S446G, S:S621P, S:T21R, S:T356K, S:V332I, S:V570A, S:W452R
S:A27S, S:F186I, S:F456L, S:K478T, S:L212I, S:L455S, S:R346T, S:S31F, S:T22N, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:K478E, S:K679R, S:L212I, S:L455S, S:O493E, S:R190S, S:R346T, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:K478E, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:T22N, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:K478T, S:K679R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:K679R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:R765L, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:K679R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:T22N, S:V1104L
S:A27S, S:F186L, S:F456L, S:H445R, S:K1086R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:V1104L
• S:A27S, S:F32I, S:F456L, S:K1086R, S:K182N, S:K478T, S:L212I, S:L455S, S:R346T, S:T22N, S:T572I, S:V1104L
S:A27S, S:F32S, S:F456L, S:H1088R, S:K478T, S:L212I, S:L455S, S:M153I, S:R346T, S:S31F, S:T22N
S:A27S, S:F456L, S:F59S, S:G184S, S:K478I, S:L212I, S:L455S, S:Q493E, S:T22N
S:A27S, S:F456L, S:F59S, S:G72R, S:K1086R, S:L212I, S:L455S, S:R346T, S:T22N, S:T572I, S:V1104L
S:A27S, S:F456L, S:F59S, S:G72R, S:L212I, S:L455S, S:Q493E, S:R214L, S:T22N, S:V1104L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:L5F, S:Q493E, S:T22N, S:V1104L, S:V1264L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:Q493E, S:R346T, S:T22N, S:V1104L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:Q493E, S:T22N, S:T284I, S:V1104L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:Q493E, S:T22N, S:T572I, S:V1104L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:Q493E, S:T22N, S:V1104L
S:A27S, S:F456L, S:F59S, S:L212I, S:L455S, S:T22N
S:A27S, S:F456L, S:H146Q, S:L212I, S:L455S, S:Q173R, S:R346T, S:T22N, S:V1104L
S:A27S, S:F456L, S:H445P, S:K182R, S:K444R, S:L212I, S:L455S, S:R190S, S:R346T, S:S31P, S:T22N
S:A27S, S:F456L, S:H445P, S:L212I, S:L455S, S:Q183H, S:R346T
S:A27S, S:F456L, S:H445R, S:K1086R, S:K182R, S:K679R, S:L212I, S:L455S, S:Q493E, S:R190S, S:R346T, S:S31P, S:T22N, S:V1104L
S:A27S, S:F456L, S:H445R, S:K182R, S:K444R, S:L212I, S:L455S, S:N487D, S:Q493E, S:R190S, S:R346T, S:S31P, S:T22N, S:T572I
```

S:A27S, S:F456L, S:K182R, S:L212I, S:L335S, S:L455S, S:Q493E, S:R190S, S:R346T, S:S31P, S:T22N

S:A27S, S:F456L, S:K403R, S:L212I, S:L455S, S:Q493E, S:S680P, S:V1104L

S:A27S, S:F456L, S:K182R, S:K444R, S:L212I, S:L455S, S:R190S, S:R346T, S:S31P, S:T22N, S:T572I

S:A27S, S:F456L, S:K554E, S:L212I, S:L335S, S:L455S, S:Q183H, S:Q493E, S:R346T, S:S408R, S:V1104L, S:V267L

S:A27S, S:F456L, S:L212I, S:L455S, S:Q493E, S:S31P, S:T22N

S:A27S, S:F456L, S:L212I, S:L455S, S:Q493E, S:S31P, S:T22N, S:T572I

S:A27S, S:F456L, S:L212I, S:L455S, S:Q493E, S:T572I, S:V1104L

S:A27S, S:F456L, S:L212I, S:L455S, S:Q493E, S:V1104L

S:A27S, S:F456V, S:K182N, S:K478T, S:L212I, S:L455S, S:R346T, S:S31F, S:S680P, S:T22N

S:A376T, S:D142G, S:D264A, S:D450N, S:F127V, S:F216L, S:F371S, S:F375S, S:F

S:F456L, S:K182R, S:K444R, S:L212I, S:L455S, S:R190S, S:R346T, S:S31P

S:F456V, S:H445R, S:K182N, S:K478T, S:L455S, S:R346T, S:S31F, S:T22N