

% fixed to RAVs

Transition  
Transversion

Frequency of RAVs

10<sup>0</sup>  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
10<sup>-5</sup>

40  
20  
0

L36M.3543  
L36M.3545  
L36A.3543  
L36A.3544  
L36G.3543  
L36G.3544  
L36C.3543  
L36C.3544  
T54A  
T54S  
V55A  
Y56H  
Q80K  
Q80R  
S122G.3801  
S122G.3802  
S122D.3801  
S122D.3802  
NS3  
S122T  
I132V  
R155G  
R155K  
R155T  
A156T  
A156G  
A156V  
Q168H  
Q168T.3939  
Q168T.3940  
Q168K  
Q168L  
Q168R  
Q168E  
I170T  
L175M.3960  
L175M.3962  
S24F  
M28A.6357  
M28A.6358  
M28V  
M28T  
M28G.6357  
M28G.6358  
A30H.6363  
A30H.6364  
A30G  
A30K  
L31F  
L31M.6366  
L31M.6368  
NS5A  
L31I  
L31V  
S38F  
P58T  
P58R  
P58D.6447  
P58D.6448  
S62L.6459  
S62L.6460  
E92K  
Y93H  
Y93N  
Y93R.6552  
Y93R.6553  
Y93C  
Y93S  
L159F  
E237G  
S282T  
NS5B  
C316Y  
C316F  
C316N.8580  
C316N.8581  
V321I  
V321A