

Susceptible **C A A T G** T C C T G A T C A A C T A T A T G G G T T C C T T G T A G C A G A T C A A C T T T A C C A -658
Refractory **C A A T G** A C G C G T T A A G C C T G A T C G A T G C A T A A C T G A T A T A A A A T A T T G T T G -655

Susceptible A G C A A T T G T G A T A C G A A A G T A A G A A T G T A T A T T A G C A A A T T G A T T C T T T C -608
Refractory G G A A A T G T T G A A G A T C T A T A A C A A T A A T C T G T T G A T G G A C G A C G G C G A T C -605

Susceptible A A T A G T A T G A T T A C A A A T T T A A A A T T A T C A T T G A G C A T C T G C A T G C T G T G C -558
Refractory A A C T A T A A G G G T T T C T C T G T A G C A - - - C A T C A A C T T T A C C A A G C A A T T G T -559

Susceptible G A A A G C T A G T A A A T T T T T A A T A A A T G A T G A G A T - - - A T G A A A A T A A A - A T -512
Refractory G A T T G T G A G C A A A T T T T T A A T A A A T C A T G A A A C C A C A T G A A A A A A A A A G A T -509

Susceptible C G G C G C A T T G T T T T G A T C T G T T T T G T T T T G A G A C T C C A A C C A A A C A T T T T -462
Refractory C G G T G A A A T T G T T T T G A T C T G T T T T G T T T T G A G A C T C C A A C C A A A C A T T C T -459

Susceptible G G C A C A C T A C C C C A A A A C C C A G C A A T A A T G C G G C T A C C G T A A A A T G A T C A -412
Refractory C G C A C A C T A C T C C A A A A A C T C A G C G A T A A A T G C G G C T A C C G T A A A A T G A C C A -409

Susceptible T T C A T G C A A T A T C A T A C C C G G A G A C G A T A A A T C G G T C C A A T G T G T T T T C C C G -362
Refractory T T C A T G C A A T A T C A T A C C C G G A G A C G A T A A A T C G G C C C A A T G T G T T T - C C C G -360

Susceptible C C G T A C A A T C T T T C A G A A T A A C G T C C G A T A A G A A C G A C C T G G C C G T C A T T -312
Refractory C C G T A C A - T C T T T C A G A - T A A C G T G C G A T A A G A A C G A C C T G G C - G T C A T T -311

Susceptible A C G A A A T A A A A A A A A A A A T A A A C G A A A G C T T A C A A A A T A C T C C T A A A A T C G -262
Refractory - C G A A A - G A A A A A A T A A A T A A A C G A A A G C T T A C A A A A T A C T C C T A A A A C C G -263

Susceptible T A A A A A T T A A T A A A C T T A T A C A C T G C A A G T G C C T G G T C - - A T G T A A C A G C -214
Refractory T A A A A A T T A A T A A A C C T A T A C A C T A C A A G T G C C T G G T C T C A T G T A A C A G C -213

Susceptible T G G T T G A A T G C G T T G G T T T A A T A T C T T A T C T A A A A T A C A A A A A A A A T A A -164
Refractory T G G T T G A A T G C G T T G G T T T A A T A T C T T A T C T A A A A T G - A A A A A A A A A G A A -164

Susceptible A A C G T C A T C A G T T T A C C C T G G T A T C A A A T C G A T A T C A C A A A A T T T T T C T T A -114
Refractory A A C G T C A T C A G T T T A C C C T G G T A T C A A A A T C G A T A T C A C A A A A C T T T T T C T T A -114

Susceptible C G A A G C G T A T T T C A G C A A T C T A T C A A G T G T G T G A C G C A C G G T G T G T A T A T -64
Refractory C G A A G C G T A A C T C A G C A A T C T A T C A A G T G T G T G A C G C A C G G T G T G T G T A T A T -64

Susceptible A T A T A T A T A A G A G A A G A C C C G G T A G C A C G A T A A G T C A A T T G T C C C G T A G A G -14
Refractory A T A T A T A T A A G A G A A G A C C C G G T A G C A C G A T A A G T C A A T T G C C C G T A G T G -14

Susceptible **G T C A G T A C T A A T C A T G** +1
Refractory **G T C A G T A C T A A T C A T G**