|  |  |  |
| --- | --- | --- |
| **DHC C-terminal Mutant** | **Intragenic Suppressor Mutations** | **Extragenic Suppressor Mutations** |
| G4146A | 9 | 90 |
| 14232N | 6 | 22 |
| D4296E; del 4297-99 | 8 | 61 |
| P4316S | 21 | 9 |

**Appendix 1:** Reversion analysis of the C-terminal region DHC mutants resulted in both

intragenic and extragenic suppressor mutations.

|  |  |
| --- | --- |
| **DHC C-terminal Mutant** | **Amino Acid Change in NCU06754** |
| G4146A | L138Stop |
| C460R |
| I4232N | H459Y |
| D4296E;Δ4297-99 | Δ-250-156 |
| L4Stop |
| D7Stop |
| D7Stop |
| FS 110 |
| C357R |
| C368R |
| L398P |
| Q406Stop |
| H440L |
| G575R |
| N586H |
| E604K |
| P4316S | R17Stop |
| W280Stop |
| F492L |

**Appendix 2:** Region containing the suppressor and DNA sequencing data for nineteen different alleles of NCU06754.