**Supplemental Table:** Polymorphic variants detected in the pass and refer groups

|  |  |  |
| --- | --- | --- |
| Polymorphism | Pass | Refer |
| p.V27I/p.G12V | 0 | 1 |
| p.V27I/p.V27I | 5 | 13 |
| p.V27I/wt | 30 | 50 |
| p.V37A/wt | 1 | 0 |
| p.A40A/wt | 0 | 1 |
| p.V63A/wt | 0 | 1 |
| p.F83L/wt | 1 | 0 |
| p.G120A/wt | 1 | 1 |
| p.R127H/p.R127H | 1 | 0 |
| p.R127H/wt | 1 | 0 |
| p.V153I/wt | 0 | 1 |
| p.G160S/wt | 3 | 2 |
| Total | 43 | 70 |