**Supplemental Table:** Additional alleles detected by sequencing wt samples previously subjected to allele specific analysis

|  |  |  |
| --- | --- | --- |
|  | ***Pass*** | ***Refer*** |
| **bi-allelic mutations** | 0 | 1 |
| **mono-allelic mutations** | 10 | 14 |
| **no mutation identified** | 537 | 482 |
| **Total** | 546 | 497 |