

| Analysis for Parental Genomic DNA |                   | Inferred Fetal Genotype                                  |                                                          |
|-----------------------------------|-------------------|----------------------------------------------------------|----------------------------------------------------------|
| Maternal Genotype                 | Paternal Genotype | SNP                                                      | InDel                                                    |
| AA                                | AB                | Bayesian Algorithm                                       | Closest Informative Variant Algorithm                    |
| AB                                | AA                | SPRT Algorithm and Closest Informative Variant Algorithm | SPRT Algorithm and Closest Informative Variant Algorithm |
| AB                                | AB                | SPRT Algorithm and Closest Informative Variant Algorithm | SPRT Algorithm and Closest Informative Variant Algorithm |
| AA                                | AA                | De novo Mutation                                         | Not Analyzed in the Present Study                        |

Fig.1