**Supplemental Table 2. Depth and coverage information of DFNA2 locus in NGS**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | **Ⅳ:8** | **Ⅴ:1** | **Ⅴ:2** | **Ⅴ:5** | **Ⅴ:7** | **Ⅵ:1** |
| **KCNQ4-14exons** | Exon\_average\_depth | 44.71 | 69.29 | 44.05 | 50.32 | 44.80 | 54.00 |
| Exon\_coverage | 62.30% | 64.60% | 62.35% | 61.35% | 61.81% | 62.96% |
|  |  |  |  |  |  |  |  |
| **KCNQ4-exon6** | Exon\_average\_depth | 115.38 | 156.68 | 117.12 | 123.46 | 106.11 | 130.36 |
| Exon\_coverage | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% | 100.00% |
|  |  |  |  |  |  |  |  |
| **GJB3** | Exon\_average\_depth | 175.81 | 276.03 | 159.49 | 192.84 | 134.64 | 214.53 |
| Exon\_coverage | 100.00% | 100.00% | 100.00% | 100.00% | 99.73% | 100.00% |