Table S2. Results of gene mapping of SNPs and CNV coordinates1

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| --- | --- | --- | --- |
|  | **Pathogenic Genes** | **CNV\_AA** | **CNV\_CA** |
| **Total2** | 2810 | 194 | 258 |
| **in HPRDNet3** | 1791 | 48 | 62 |
| **in MultiNet3** | 2143 | 64 | 97 |

1. Since this study focuses on network-derived gene clusters, only genes that are listed in the networks were kept. 2. The number of distinct genes in the query result. 3. The number of genes that are listed in HPRDNet or MultiNet.