**Supplementary file 6. Number of exonic variants detected in CHD and normal controls.**

|  |  |  |
| --- | --- | --- |
|  | **CHD cases** | **Normal controls** |
| **All genes** |  |  |
| Total | 1108 | 842 |
| Synonymous SNV | 506 | 430 |
| Stopgains | 4 | 2 |
| Nonsynonymous SNV | 598 | 410 |
| **CHD genes** |  |  |
| Total | 899 | 658 |
| Synonymous SNV | 409 | 329 |
| Stopgains | 3 | 2 |
| Nonsynonymous SNV | 487 | 327 |
| **Candidate genes** |  |  |
| Total | 209 | 184 |
| Synonymous SNV | 97 | 101 |
| Stopgains | 1 | 0 |
| Nonsynonymous SNV | 111 | 83 |