**Supplementary Table 1.** Study-specific genotyping details for discovery (MBCFSa) and replication (Mayo VTEa)

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | **MBCFS**a | **Mayo VTE**a |
|  |  | n=595 | n=336 |
| **Genotyping** | Platform | Illumina 660W Quad | Illumina 660W Quad |
|  | Facility | Mayo Clinic | CIDR |
| **Quality control** | **Sample exclusions:** |  |  |
|  | Number CNV > 500 | 3 | 4 |
|  | B-allele frequency drift > 0.0015Wave Factor>.05SD of Log R ratio>.35 and baf.drif>.0015Log R ratio and B-allele frequency errors | 2113 | 0000 |
|  | Ethnicity | 0 | 1 |
|  | Relatedness | 0 | 3 |
|  | Total exclusions | 10 | 8 |
| **Final sample** |  | 585 | 328 |

aMBCFS: Mayo Breast Cancer Family Study; Mayo VTE: Venous thromboembolism Case-Control Study