**Supplementary Table H1**: *GWAS studies used for magma analyses*.

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| --- | --- | --- | --- |
| **First author** | **PMID** | **prefix** | **Trait** |
| Roselli | 29892015 | AF\_GWAS | Atrial Fibrillation |
| Nelson | 28714975 | CAD\_GWAS | Coronary artery disease |
| Shah | NA | HF\_GWAS | Heart failure |
| Aragam | 30586722 | HF\_UKBB | Heart failure |
| Aragam | 30586722 | NICM\_UKBB | Non-ischemic cardiomyopathy |
| Lin | 29748316 | PR\_GWAS | PR interval |
| Christophersen | 28794112 | PWAVE\_GWAS | P wave duration |
| Prins | 30012220 | QRS\_GWAS | QRS interval |
| Watanabe | 31427789 | HT\_UKBB | Hypertension |
| Kanai | 29403010 | LVD\_JPBB | Left ventricular diameter |
| Mahajan | 30297969 | T2D\_GWAS | Type 2 diabetes |
| Wojcik | 31217584 | QT\_GWAS | QT interval |
| den Hoed | 23583979 | HR\_GWAS | Heart rate |