**S1 Table. GWAS cohorts used in cluster analysis**

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| **GWAS cohort** | **Source** | **Sample Size** | **Cluster analysis** | **Included** | **Excluded** |
| PCOS Family Study | US | 890 | Yes | 655 | 235 |
| PPCOSI | US | 64 | No | 0 | 64 |
| University of Chicago | US | 227 | No | 0 | 227 |
| Cedars-Sinai Medical Center | US | 130 | No | 0 | 130 |
| Massachusetts General Hospital | US | 472 | No | 0 | 472 |
| PPCOSII | US | 265 | Yes | 238 | 27 |
| University of Alabama at Birmingham | US | 193 | No | 0 | 193 |
| University of Athens | Europe | 542 | No | 0 | 542 |
| Imperial College London-University of Oxford | Europe | 222 | No | 0 | 222 |

The cohorts from the Hayes, Urbanek, and colleagues PCOS GWAS and corresponding numbers of samples that were included in the clustering analysis are shown by GWAS cohort, adapted from Hayes, Urbanek, and colleagues (2015): Table 1 and Supplemental Data Tables 9 and 10. GWAS, genome-wide association study; PCOS, polycystic ovary syndrome; PPCOS, Pregnancy in PCOS