## Table S6: eQTL analysis for the seven genome-wide replicated loci for serum calcium.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Serum calcium SNP** | **eSNP** | **r2 between serum calcium SNP and eSNP** | **reference** | **PMID** | **Tissue** | **Significance criteria for expression** | **Transcript(s)** | **chr: position (b36)** |
| rs1801725 | rs17265703 | 0.929 | Zeller 2010[[1](#_ENREF_1)] | PMC2872668 | circulating monocytes | P<5.78×10−12 | CSTA | [chr3:123531334..123531334](http://eqtl.uchicago.edu/cgi-bin/gbrowse/eqtl?name=chr3:123531334..123531334) |
| rs1801725 | rs5008830 | 1 | Zeller 2010[[1](#_ENREF_1)] | PMC2872668 | circulating monocytes | P<5.78×10−12 | CSTA | [chr3:123513152..123513152](http://eqtl.uchicago.edu/cgi-bin/gbrowse/eqtl?name=chr3:123513152..123513152) |
| rs7481584 | rs2583435 | 1 | Innocenti 2011[[2](#_ENREF_2)] | 21637794 | liver | Bayes Factor >5 | NAP1L4 | [chr11:2915394..2915394](http://eqtl.uchicago.edu/cgi-bin/gbrowse/eqtl?name=chr11:2915394..2915394) |
| rs7481584 | rs4758621 | 0.961 | Zeller 2010[[1](#_ENREF_1)] | PMC2872668 | circulating monocytes | P<5.78×10−12 | SLC22A18; SLC22A18AS | [chr11:2966216..2966216](http://eqtl.uchicago.edu/cgi-bin/gbrowse/eqtl?name=chr11:2966216..2966216) |
| rs780094 | rs1260333 | 0.87 | Veyrieras 2008[[3](#_ENREF_3)] | PMC2556086 | lymphoblastoid cell lines | P<7×10−6 | IKZF3; ORMDL3 | [chr17:35336333..35336333](http://eqtl.uchicago.edu/cgi-bin/gbrowse/eqtl?name=chr17:35336333..35336333) |