Gout

rs7927466 of *CNTN5*

rs9952962 of *MIR302F*

rs12980365 of *ZNF724*

rs671 of ALDH2

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| Variant | Nearest Gene(s) | MAF | P-value |
| [4:89,054,667 A / G (rs4148155)](http://pheweb.sph.umich.edu:5000/variant/4-89054667-A-G) | ABCG2 | 0.11 | 1.5e-197 |
| [4:9,939,205 G / A (rs938558)](http://pheweb.sph.umich.edu:5000/variant/4-9939205-G-A) | SLC2A9 | 0.73 | 2.6e-88 |
| [2:27,730,940 T / C (rs1260326)](http://pheweb.sph.umich.edu:5000/variant/2-27730940-T-C) | GCKR | 0.61 | 3.8e-28 |
| [11:64,353,029 A / G (rs561193)](http://pheweb.sph.umich.edu:5000/variant/11-64353029-A-G) | SLC22A12 | 0.28 | 3.7e-21 |
| [6:25,813,150 G / A (rs1165196)](http://pheweb.sph.umich.edu:5000/variant/6-25813150-G-A) | SLC17A1 | 0.57 | 9.4e-20 |
| [4:100,239,319 T / C (rs1229984)](http://pheweb.sph.umich.edu:5000/variant/4-100239319-T-C) | ADH1B | 0.98 | 3.6e-18 |
| [12:57,843,711 G / A (rs2229357)](http://pheweb.sph.umich.edu:5000/variant/12-57843711-G-A) | INHBC | 0.24 | 9.8e-15 |

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| Variant | Nearest Gene(s) | MAF | P-value |
| [1:157,873,708 A / C (rs187487242)](http://pheweb.sph.umich.edu:5000/variant/1-157873708-A-C) | CD5L | 0.0011 | 2.0e-21 |
| [3:143,599,418 G / A (rs139365737)](http://pheweb.sph.umich.edu:5000/variant/3-143599418-G-A) | SLC9A9 | 0.0011 | 2.8e-15 |
| [11:77,463,878 A / G (rs553269512)](http://pheweb.sph.umich.edu:5000/variant/11-77463878-A-G) | RSF1 | 0.0012 | 2.6e-14 |
| [7:16,667,251 T / C (rs139001681)](http://pheweb.sph.umich.edu:5000/variant/7-16667251-T-C) | ANKMY2 | 0.0014 | 2.7e-14 |
| [3:689,006 C / T (rs531526846)](http://pheweb.sph.umich.edu:5000/variant/3-689006-C-T) | CHL1 | 0.0011 | 4.4e-14 |
| [15:35,292,622 C / A (rs181597348)](http://pheweb.sph.umich.edu:5000/variant/15-35292622-C-A) | ZNF770 | 0.0012 | 4.6e-14 |
| [9:10,278,636 A / T (rs35572094)](http://pheweb.sph.umich.edu:5000/variant/9-10278636-A-T) | PTPRD | 0.0017 | 1.1e-13 |
| [2:124,820,816 C / A (rs140067156)](http://pheweb.sph.umich.edu:5000/variant/2-124820816-C-A) | CNTNAP5 | 0.0014 | 3.5e-13 |
| [6:85,260,185 C / T (rs539807164)](http://pheweb.sph.umich.edu:5000/variant/6-85260185-C-T) | TBX18 | 0.0011 | 4.1e-13 |
| [8:135,067,691 C / G (rs747973821)](http://pheweb.sph.umich.edu:5000/variant/8-135067691-C-G) | ZFAT | 0.0012 | 7.5e-13 |