**Supplemental Table 3.** Summary of loci associated with osteolysis time to revision at p < 5 x 10-6 in 779 patients with osteolysis in the Norwegian cohort

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Chromosome:position | rsID | Effect allele | Noneffect allele | Effect allele frequency | Beta | Standard error | p value |
| 10:114729563\* | rs61875109 | A | C | 0.19 | 0.290 | 0.060 | 4.39E-06 |
| 10:114731483 | rs61875110 | T | C | 0.21 | 0.274 | 0.060 | 4.77E-06 |
| 10:114732307 | rs7897438 | A | C | 0.19 | 0.280 | 0.060 | 4.43E-06 |
| 10:62634621 | rs2279942 | T | C | 0.30 | 0.247 | 0.053 | 4.30E-06 |
| 10:62636110 | rs559264285 | A | G | 0.30 | 0.247 | 0.053 | 4.19E-06 |
| 10:62637115 | rs10994556 | T | C | 0.30 | 0.247 | 0.053 | 4.01E-06 |
| 10:62638782 | rs10821848 | C | T | 0.30 | 0.245 | 0.053 | 4.29E-06 |
| 10:62640118 | rs10821850 | G | C | 0.30 | 0.247 | 0.053 | 3.59E-06 |
| 10:62640488 | rs7081336 | T | C | 0.30 | 0.247 | 0.053 | 3.77E-06 |
| 10:62644158 | rs12260432 | T | C | 0.29 | 0.248 | 0.053 | 4.19E-06 |
| 10:62645182\* | rs7089016 | C | T | 0.27 | 0.265 | 0.054 | 1.07E-06 |
| 10:62649685 | rs12249908 | T | C | 0.28 | 0.247 | 0.053 | 4.23E-06 |
| 10:62652165 | rs7898435 | C | T | 0.28 | 0.246 | 0.053 | 4.01E-06 |
| 10:62652339 | rs7089671 | A | C | 0.28 | 0.246 | 0.053 | 4.06E-06 |
| 10:62654274 | rs7099056 | T | C | 0.28 | 0.246 | 0.053 | 4.07E-06 |
| 10:62654331 | rs7083267 | G | T | 0.28 | 0.246 | 0.053 | 4.07E-06 |
| 10:62656355 | rs12242633 | C | T | 0.28 | 0.246 | 0.053 | 4.00E-06 |
| 10:62657356 | rs4072139 | G | C | 0.28 | 0.246 | 0.053 | 4.01E-06 |
| 10:62657859 | rs884403 | G | A | 0.28 | 0.250 | 0.053 | 2.56E-06 |
| 10:62658304 | rs7908589 | T | C | 0.28 | 0.254 | 0.053 | 1.80E-06 |
| 12:95776961 | rs777077277 | T | C | 0.62 | 0.238 | 0.048 | 1.05E-06 |
| 12:95777027 | rs879631 | C | A | 0.62 | 0.238 | 0.048 | 1.05E-06 |
| 12:95777225 | rs10777690 | T | G | 0.62 | 0.238 | 0.048 | 1.05E-06 |
| 12:95777318 | rs10507055 | C | T | 0.62 | 0.237 | 0.048 | 1.01E-06 |
| 12:95777377 | rs10507056 | A | G | 0.62 | 0.238 | 0.048 | 1.04E-06 |
| 12:95777629 | rs1107939 | A | G | 0.62 | 0.238 | 0.048 | 1.02E-06 |
| 12:95778633\* | rs282329 | T | C | 0.66 | 0.254 | 0.049 | 3.06E-07 |
| 12:95790660 | rs3861088 | A | G | 0.30 | -0.262 | 0.051 | 3.66E-07 |
| 15:81214611\* | rs2271162 | C | A | 0.21 | -0.381 | 0.075 | 1.13E-06 |
| 9:71976079\* | rs3858105 | A | G | 0.83 | -0.292 | 0.063 | 4.18E-06 |
| 9:71979295 | rs4744886 | A | C | 0.83 | -0.289 | 0.063 | 4.67E-06 |
| 9:71980221 | rs7043451 | T | C | 0.833 | -0.289 | 0.063 | 4.78E-06 |

\*These loci indicate independent signals; rsID = reference single nucleotide polymorphism cluster identifier.