**Table S12**. Published SNPs used for conditional meta-analyses

|  |  |  |  |  | **LS-BMD** | | **FN-BMD** | | **F-BMD** | | **TBLH-BMD** | | **SK-BMD** | | **TRABEC-BMD** | | **CORT-BMD** | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LOCUS** | **SNPID** | **POSITION** | **GENE** | **PMID** | ***β*** | ***P*** | ***β*** | ***P*** | ***β*** | ***P*** | ***β*** | ***P*** | ***β*** | ***P*** | ***β*** | ***P*** | ***β*** | ***P*** |
| **1p36.12** | rs7521902 | 22363311 | *WNT4* | 22504420 | -0.05 | 1.0E-10 | -0.04 | 2.8E-09 | - | - | - | - | - | - | - | - | - | - |
|  | rs7524102 | 22571034 | *ZBTB40* | 19079262 | -0.11 | 7.0E-09 | -0.15 | 1.0E-16 | - | - | - | - | - | - | - | - | - | - |
|  | rs6696981 | 22575445 | *ZBTB40* | 19079262 | -0.12 | 2.0E-08 | -0.14 | 2.5E-12 | - | - | - | - | - | - | - | - | - | - |
|  | rs6426749 | 22584060 | *ZBTB40* | 22504420 | 0.10 | 1.8E-44 | 0.11 | 7.0E-57 | - | - | - | - | - | - | - | - | - | - |
|  | rs7543680 | 22603856 | *ZBTB40* | 19079262 | -0.07 | 9.0E-06 | -0.10 | 1.0E-10 | - | - | - | - | - | - | - | - | - | - |
| **2q24.3** | rs6710518 | 166291490 | *GALNT3* | 21533022 | - | - | -0.06 | 5.0E-10 | - | - | - | - | - | - | - | - | - | - |
|  | rs1346004 | 166309292 | *GALNT3* | 22504420 | -0.06 | 4.0E-30 | -0.05 | 1.0E-25 | - | - | - | - | - | - | - | - | - | - |
| **6q22.33** | rs13204965 | 127208765 | *RSPO3* | 22504420 | 0.04 | 3.6E-10 | 0.04 | 8.0E-12 | - | - | - | - | - | - | - | - | - | - |
| **6q23.2** | rs271170 | 133357497 | *EYA4* | 23437003 | - | - | - | - | - | - | - | - | - | - | -0.02 | 5.4E-01 | -0.11 | 2.7E-12 |
| **7q31.31** | rs7801723 | 120561396 | *CPED1* | 22792070 | - | - | - | - | - | - | 0.08 | 2.0E-10 | 0.14 | 9.0E-28 | - | - | - | - |
|  | rs13245690 | 120572300 | *CPED1* | 22504420 | 0.05 | 2.0E-11 | 0.02 | 8.2E-04 | - | - | - | - | - | - | - | - | - | - |
|  | rs10274324 | 120686577 | *CEPD1* | 22792071 | - | - | - | - | -0.21 | 3.8E-08 | - | - | - | - | - | - | - | - |
|  | rs4609139 | 120691051 | *CPED1* | 22792070 | - | - | - | - | - | - | -0.08 | 1.0E-10 | -0.12 | 1.0E-21 | - | - | - | - |
|  | rs2908004 | 120757005 | *WNT16* | 22792071 | - | - | - | - | -0.16 | 1.0E-15 | - | - | - | - | - | - | - | - |
|  | rs2536189 | 120760857 | *WNT16* | 22792071 | - | - | - | - | -0.15 | 8.5E-16 | - | - | - | - | - | - | - | - |
|  | rs3801387 | 120762001 | *WNT16* | 22504420 | -0.09 | 3.0E-51 | -0.08 | 5.0E-40 | - | - | - | - | - | - | - | - | - | - |
|  | rs2707466 | 120766325 | *WNT16* | 22792071 | - | - | - | - | -0.14 | 2.3E-12 | - | - | - | - | - | - | - | - |
|  | rs917727 | 120805815 | *FAM3C* | 22792070 | - | - | - | - | - | - | 0.15 | 1.2E-27 | 0.12 | 1.9E-16 | - | - | - | - |
|  | rs7776725 | 120820357 | *FAM3C* | 22792071 | - | - | - | - | -0.17 | 8.5E-15 | - | - | - | - | - | - | - | - |
| **8q24.12** | rs4355801 | 119993054 | *TNFRSF11B* | 18455228 | -0.09 | 8.0E-10 | -0.09 | 3.3E-10 | - | - | - | - | - | - | - | - | - | - |
|  | rs7839059 | 120045723 | *TNFRSF11B* | 23437003 | - | - | - | - | - | - | - | - | - | - | -0.06 | 4.7E-02 | -0.10 | 1.2E-09 |
|  | rs2062375 | 120046973 | *TNFRSF11B* | 20548944 | 0.14 | 3.0E-11 | - | - | - | - | - | - | - | - | - | - | - | - |
|  | rs2062377 | 120076601 | *TNFRSF11B* | 22504420 | -0.08 | 3.0E-39 | -0.06 | 9.0E-25 | - | - | - | - | - | - | - | - | - | - |
|  | rs6469792 | 120077552 | *TNFRSF11B* | 19079262 | -0.11 | 1.1E-15 | -0.10 | 3.1E-13 | - | - | - | - | - | - | - | - | - | - |
|  | rs11995824 | 120081881 | *TNFRSF11B* | 19801982 | -0.09 | 1.0E-15 | -0.07 | 7.0E-09 | - | - | - | - | - | - | - | - | - | - |
|  | rs6469804 | 120114010 | *TNFRSF11B* | 19079262 | -0.11 | 1.4E-15 | -0.08 | 7.0E-10 | - | - | - | - | - | - | - | - | - | - |
|  | rs6993813 | 120121419 | *TNFRSF11B* | 19079262 | -0.11 | 2.1E-15 | -0.09 | 1.5E-11 | - | - | - | - | - | - | - | - | - | - |
| **9q34.11\*\*** | rs7851693 | 132468648 | *FUBP3* | 22504420 | 0.03 | 6.0E-08 | 0.05 | 3.0E-22 | - | - | - | - | - | - | - | - | - | - |
| **11p14.1** | rs10835187 | 27462253 | *LIN7C* | 22504420 | -0.03 | 5.0E-08 | -0.01 | 3.0E-02 | - | - | - | - | - | - | - | - | - | - |
| **11q13.2** | rs599083 | 67948922 | *LRP5* | 19801982 | -0.07 | 5.0E-08 | -0.05 | 9.7E-05 | - | - | - | - | - | - | - | - | - | - |
|  | rs3736228 | 67957871 | *LRP5* | 22504420 | -0.08 | 2.0E-26 | -0.05 | 4.8E-11 | - | - | - | - | - | - | - | - | - | - |
| **12p11.22** | rs7953528 | 27908426 | *KLHDC5* | 22504420 | -0.01 | 1.3E-01 | 0.05 | 1.87E‐12 | - | - | - | - | - | - | - | - | - | - |
| **13q14.11** | rs9533090 | 41849449 | *AKAP11* | 22504420\* | -0.10 | 5.0E-68 | -0.05 | 5.0E-23 | - | - | - | - | - | - | - | - | - | - |
|  | rs9594738 | 41850145 | *TNFSF11* | 19079262 | -0.16 | 4.0E-23 | -0.01 | 1.4E-09 | - | - | - | - | - | - | - | - | - | - |
|  | rs9533093 | 41859597 | *TNFSF11* | 19079262 | -0.11 | 5.4E-11 | -0.04 | 3.8E-02 | - | - | - | - | - | - | - | - | - | - |
|  | rs9594759 | 41930593 | *TNFSF11* | 19079262 | -0.12 | 2.0E-17 | -0.07 | 1.2E-06 | - | - | - | - | - | - | - | - | - | - |
|  | rs1021188 | 42014133 | *TNFSF11* | 23437003 | - | - | - | - | - | - | - | - | - | - | -0.01 | 8.5E-01 | -0.15 | 3.6E-14 |
| **14q32.12\*\*\*** | rs754388 | 92185163 | *RIN3* | n/a | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| **18q21.33** | rs884205 | 58205837 | *TNFRSF11A* | 22504420 | -0.05 | 2.0E-17 | -0.04 | 3.0E-10 | - | - | - | - | - | - | - | - | - | - |
|  | rs3018362 | 58233073 | *TNFRSF11A* | 19079262 | -0.06 | 8.0E-06 | -0.08 | 5.4E-08 | - | - | - | - | - | - | - | - | - | - |

(LS-BMD) = lumbar spine BMD; (FN-BMD) = femoral neck BMD; (F-BMD) = forearm BMD; (TBLH-BMD) = total-body less head BMD; (SK-BMD) = skull BMD; BMD; (TRABEC-BMD) = volumetric trabecular BMD of the tibia; (CORT-BMD) = volumetric cortical BMD of the tibia. (POSITION) = location in the genome based on hg18; (GENE) = closest gene; (PMID) = accession number of the publication in Pubmed from which the summary statistics were obtained; (*β*) = estimates of effect size expressed as adjusted SD per copy of the effect allele; (SE) = standard error of *β* and (*P*) = *P*-value. \*Please note that *PTHLH* is also located at the 12p11.22 locus containing *KLHDC5, RSPO3* is also located at the 6q.22.32 locus containing *CENPW, FAM3C and CPED1* are also located at the 7q.31.31 locus containing *WNT16*, *TNFRSF11B* is also located at the 8q.24.12 locus containing *COLEC10, LGR4* is also located at the 11p14.1 locus containing *LIN7C* and *LRP5* is also located at the 11q13.2 locus containing *PPP6R3.*

\*\*The Generation R cohort did not impute the published *FUBP3* SNP (rs7851693) and therefore we chose to condition on rs7030440, a SNP which was in high LD (HapMap phase 2 release 22, CEU: r2=0.96) with the published *FUBP3* associated BMD variant.

\*\*\*No previous BMD SNPs found in *14q32.12*have been published.