**S2 Table. Search strategies and detailed records.**

|  |  |
| --- | --- |
| **Relevant text of ACE I/D**   1. Peptidyl-Dipeptidase A 2. Angiotensin Converting Enzyme 3. Angiotensin I-Converting Enzyme 4. Antigens, CD143 5. Carboxycathepsin 6. CD143 Antigens 7. Dipeptidyl Peptidase A 8. Kininase A 9. Kininase II 10. ACE 11. I/D 12. insertion/deletion 13. rs4340 14. rs1799752 15. rs13447447 16. rs4646994 17. ((1 or 2 or 3 or 4 or 5 or 6 or 7 or 8 or 9 or 10) and (11 or 12)) or 13 or 14 or 15 or 16 | **Relevant text of knee osteoarthritis**   1. Arthritis, Degenerative 2. Osteoarthrosis 3. Osteoarthrosis Deformans 4. osteoarthritis 5. OA 6. 18 or 19 or 20 or 21 or 22   **Combined (Final strategy)**   1. 17 and 23 |

Web sites and uniform resource locator:

**PUBMED**: <http://www.ncbi.nlm.nih.gov/pubmed>

**EMBASE**: https://www.embase.com

**Records from PUBMED [1-17]:**

*Unrelated records (wrong outcome [3-5,7,8,10-13,15-17])*

*Included studies [1,2,6,9,14]*

**Records from EMBASE [1,2,6,9,14,18-20] (1 of record is a duplicate record [1]):**

*Duplicated records [1,2,6,9,14]*

*Unrelated records (wrong outcome [18,20])*

*Paper didn’t provide detailed genotyping data [19]*

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