### **Supplementary file 5. Inclusion and exclusion criteria of literature review.**

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|  | **Inclusion Criteria** | **Exclusion Criteria** |
| Patient Recruitment | Idiopathic scoliosisAdolescent idiopathic scoliosisEarly-onset idiopathic scoliosis | Congenital scoliosisNeuromuscular scoliosisSyndromic scoliosisSecondary scoliosisDegenerative scoliosis |
| Study Type | Genome Wide Association Study (GWAS)Meta-analysis of GWAS | Linkage studyCandidate gene studyExome sequencingWhole genome sequencing |
| Study Design | Case-control | - |