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ACTION

(54) Title: COMPOSITIONS AND METHODS RELATING TO OSTEOARTHRITIS

(57) Abstract: The invention provides for one or more polynucleotide sequences that are expressed in chondrocytes from any of the following developmental and disease stages: fetal, normal, mild, osteoarthritic, moderate osteoarthritic, marked and osteoarthritic. The invention also relates to arrays and compositions comprising any combination of these polynucleotide sequences. The invention also provides for methods of using the arrays of the invention to diagnose osteoarthritis. The invention also provides for methods of identifying therapeutic agents that alter the level of expression of the polynucleotides of the invention or alter the anabolic level of a chondrocyte.

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