

Supplementary Material

Predicting the Risk of Lumbar Prolapsed Disc: A Gene Signature-Based Machine Learning Analysis

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Table S1. Candidate genes related to the risk of chronic back pain and widespread pain syndromes.

Gene symbol	Full gene name
COL9A2	collagen type IX alpha 2 chain
COL9A3	collagen type IX alpha 3 chain
COL11A1	collagen type XI alpha 1 chain
COL11A2	collagen type XI alpha 2 chain
COL1A1	collagen type I alpha 1 chain
VDR	vitamin D receptor
ACAN	aggrecan
CILP	cartilage intermediate layer protein
MMP3	matrix metalloproteinase 3
MMP9	matrix metalloproteinase 9
THBS2	thrombospondin 2
IL1RN	interleukin 1 receptor antagonist
IL1A	interleukin 1 alpha
IL1B	interleukin 1 beta
IL6	interleukin 6
GCH1	GTP cyclohydrolase 1
COMT	catechol-O-methyltransferase
MC1R	melanocortin 1 receptor
TRPV1	transient receptor potential cation channel subfamily V member 1
TRPA1	transient receptor potential cation channel subfamily A member 1
OPRM1	opioid receptor mu 1
OPRD1	opioid receptor delta 1
FAAH	fatty acid amide hydrolase