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Title: Discovery of Anti-inflammatory Ingredients in Chinese Herbal Formula Kouyanqing Granule based on Relevance Analysis between Chemical Characters and Biological Effects

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Running title: Bioactive Ingredients for Anti-inflammatory Effects of Kouyanqing Granule

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Supplementary Information-Video Legends

KYQG ingredient-effect relevance bubble chart S1: a dynamic bubble chart based on the computed results (Table 6) to illustrate a clear picture of the anti-inflammatory effects of the 38 identified ingredients in KYQG. Y-axis: Partial least-squares regression coefficient; X-axis: Grey relational degree; Span: Effect parameters (IL-1 β , IL-6, IL-8, TNF- α); Bubble ID: 38 Identified ingredients; Bubble Color: 38 Identified ingredients.

KYQG herb-effect relevance bubble chart S2: a dynamic bubble chart based on the computed results (Table 6) to illustrate a clear picture of the anti-inflammatory effects of the 5 herbs in KYQG. Y-axis: Partial least-squares regression coefficient; X-axis: Grey relational degree; Span: Effect parameters (IL-1 β , IL-6, IL-8, TNF- α); Bubble ID: 38 Identified ingredients; Bubble Color: 5 herbs.