Natural product DNA-encoded library (nDEL) has great value in reverse pharmacology. In article number 2201258, Peixiang Ma, Hongtao Xu, Guang Yang, and co-workers applied nDEL in a reverse pharmacology study targeting tumor necrosis factor α (TNF-α). Several natural products, particularly kaempferol, are identified to recognize and attenuate the TNF-α signaling as that of adalimumab, and reduce mice ear inflammation.