**Table S2**. Clinical characteristics of two patients with gouty arthritis

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| --- | --- | --- |
| Assessment | Patient No. 1 | Patient No. 2 |
| Age Sex Disease duration (yr)Swollen joint count, *n*Location of tophiBMI (kg/m2)CRP (mg/dl)ESR (mm/h)Serum urate (mg/dl)ComorbidityHypertensionDiabetesDyslipidemiaCardiovascular diseaseRenal diseaseConcomitant medicationColchicineNSAIDAllopurinolBenzbromarone Prednisolone HIF-2α staining | 67Male3010Both 1st MTP jointsBoth lateral malleolus23.44.3629.6+---++-+--Negative | 49Male74Both 1st MTP joints,Both knee, right elbow joints29.32.5486.6+-+--+-+--Negative |

BMI, body mass index; CRP, C-reactive protein; ESR, erythrocyte sedimentation rate; NSAID, non-steroidal anti-inflammatory drug; MTP, metatarsophalangeal joint; n, number.