

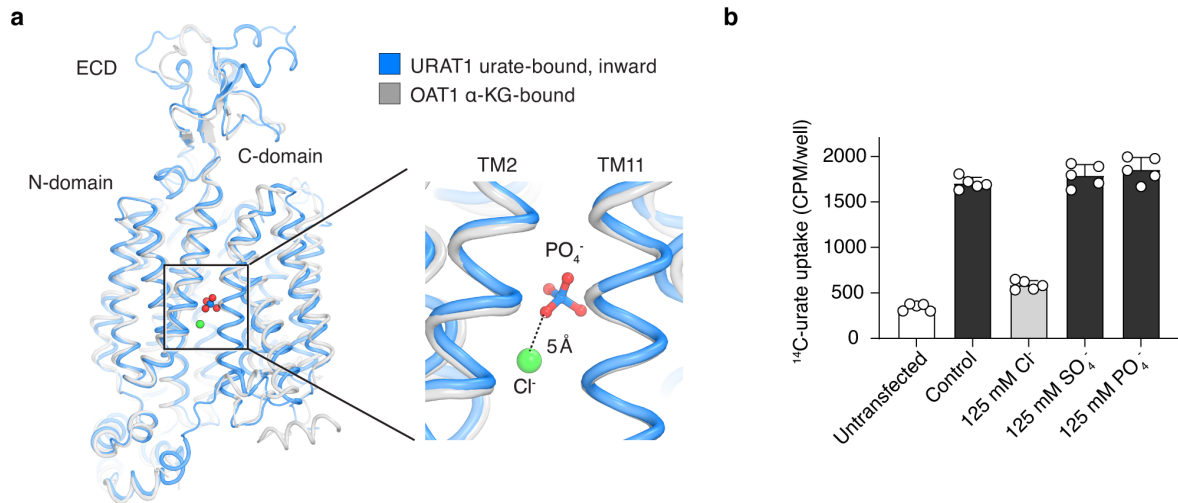


Fig. S12 Putative phosphate binding site in URAT1

a Comparison of the urate-bound, inward-facing conformation of URAT1 with the α-ketoglutarate-bound conformation of OAT1 (PDB: 8BW7). **b** Effect of reducing anion gradients (intracellular to extracellular) on ¹⁴C-urate uptake. Uptake buffer: 20 mM HEPES pH 7.4, 125 mM sodium gluconate, 5.6 mM glucose (control); 20 mM HEPES pH 7.4, 125 mM sodium chloride, 5.6 mM glucose; 20 mM HEPES pH 7.4, 125 mM sodium sulfate, 5.6 mM glucose; 20 mM HEPES pH 7.4, 125 mM sodium phosphate, 5.6 mM glucose. Graph shows individual data points, mean ± s.d.; n = 5 biological replicates.