δ¹³C (VPDB ‰) vs. δ¹⁸O (VSMOW ‰)

(a) Sandstone cements
+ Limestone
1 Calcite vein sets
2 3 4

Slope = 0.9
R² = 0.7

(b) 1 2 Calcite vein sets
△ 3 4 Rayleigh trends

50°C mixing between end-members
160°C mixing with low δ¹³C source
45°C mixing
90°C mixing

δ¹³C (VPDB ‰)

DIC-CC CO₂-DIC-CC CO₂-DIC

Sandstone cements
Limestone
Calcite vein sets

Mixed with low δ¹³C source

Meteoric end-member