## Source (95% CI) Sequencing = TPM -0.63 [ -2.20; Miao.1, Kidney, n = 28

0.941 -0.58 [ -2.17; Riaz, Melanoma, n = 331.01] Fumet.2, Lung, n = 41-0.30 [ -1.61; 1.01] Fumet.1, Lung, n = 390.18 [ -1.21; 1.57] Van\_Allen, Melanoma,  $n = 39 \quad 0.83 \quad [-0.74]$ 2.40] Mariathasan, Bladder,  $n = 133 \cdot 1.14$  [ 0.36; 1.92] Braun, Kidney, n = 1391.32 [ 0.52; 2.12]

Jung, Lung, n = 262.64 [ 0.33; 4.95] Snyder, Ureteral, n = 222.86 [ 0.47; 5.25]

Mariathasan, Kidney, n = 4619.12 [-4375.84; 4414.08] 0.70 [ 0.04; 1.35] Total

Heterogeneity:  $\chi_0^2 = 17.17 \ (P = .05), \ I^2 = 48\% \ [0\%; 75\%]$ 

## Sequencing = FPKM

2.34] Nathanson, Melanoma,  $n = 24 \ 0.69 \ [ -0.96;$ Hugo, Melanoma, n = 271.40 [ -0.21; 3.01] Liu, Melanoma, n = 112 1.52 [ 0.72; 2.32] 1.37 [ 0.71; 2.03] Total Heterogeneity:  $\chi_2^2 = 0.79$  (P = .67),  $I^2 = 0\%$  [0%; 90%]

Total 0.86 [ 0.36; 1.36]

Heterogeneity:  $\chi_{12}^2 = 20.02 \ (P = .07), \ I^2 = 40\% \ [0\%; 69\%]$ 

Test for overall effect: z = 3.37 (P < .001)

Test for subgroup differences:  $\chi_1^2 = 1.99 \ (P = .16)$ 

