## **Source** (95% CI)

## Sequencing = TPM

Mariathasan, Ureteral, n = 26 -1.40 [-4.16; 1.36] Miao.1, Kidney, n = 33-0.55 [-2.47; 1.37] Mariathasan, Kidney, n = 67-0.44 [-1.56; 0.68] Van\_Allen, Melanoma, n = 42 0.27 [-1.10; 1.64] Fumet.2, Lung, n = 430.31 [-1.12; 1.74] Mariathasan, Bladder, n = 194 0.45 [-0.12; 1.02] Snyder, Ureteral, n = 250.72 [-0.32; 1.76] Braun, Kidney, n = 1780.90 [ 0.25; 1.55] Riaz, Melanoma, n = 511.34 [ 0.14; 2.54] Mariathasan, Lymph\_node, n = 26 1.60 [-0.40; 3.60] 0.54 [ 0.21; 0.86] Total Heterogeneity:  $\chi_0^2 = 10.54 \ (P = .31), I^2 = 15\% \ [0\%; 56\%]$ 

## Sequencing = FPKM

Nathanson, Melanoma, n = 24-0.41 [-2.66; 1.84] -0.09 [-1.09; 0.91] Liu, Melanoma, n = 121 Hugo, Melanoma, n = 270.34 [-2.05; 2.73] -0.08 [-0.93; 0.77] Total Heterogeneity:  $\chi_2^2 = 0.2 \ (P = .90), \ I^2 = 0\% \ [0\%; 90\%]$ Total 0.45 [ 0.13; 0.77] Heterogeneity:  $\chi_{12}^2 = 12.51 \ (P = .41), \ I^2 = 4\% \ [0\%; 58\%]$ Test for overall effect:  $z = 2.72 \ (P = .006)$ 

Test for subgroup differences:  $\chi_1^2 = 1.76$  (P = .18)

