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

## Sequencing = FPKM

Nathanson, Melanoma, n = 24-0.57 [-1.57; 0.43] Liu, Melanoma, n = 121 0.25 [-0.26; 0.76] Hugo, Melanoma, n = 271.09 [-0.13; 2.31] 0.21 [-0.55; 0.97] Total Heterogeneity:  $\chi_2^2 = 4.38 \ (P = .11), \ I^2 = 54\% \ [0\%; 87\%]$ 

## **Sequencing = TPM**

Mariathasan, Bladder, n = 194-0.14 [-0.49; 0.21] -0.09 [-0.87; 0.69] Fumet.2, Lung, n = 43Miao.1, Kidney, n = 33-0.03 [-0.89; 0.83] 0.15 [-0.59; 0.89] Van\_Allen, Melanoma, n = 42 Braun, Kidney, n = 1780.17 [-0.22; 0.56] Mariathasan, Kidney, n = 670.17 [-0.40; 0.74] Mariathasan, Ureteral, n = 26 0.29 [-0.65; 1.23] Riaz, Melanoma, n = 51 0.32 [-0.37; 1.01] Mariathasan, Lymph\_node,  $n = 26 \ 0.35 \ [-0.59; 1.29]$ Snyder, Ureteral, n = 251.67 [ 0.49; 2.85] 0.12 [-0.07; 0.31] Total Heterogeneity:  $\chi_9^2 = 9.93 \ (P = .36), \ I^2 = 9\% \ [0\%; 66\%]$ Total 0.13 [-0.04; 0.31]

Heterogeneity:  $\chi_{12}^2 = 14.44 \ (P = .27), \ I^2 = 17\% \ [0\%; 56\%]$ Test for overall effect:  $z = 1.48 \ (P = .14)$ 

Test for subgroup differences:  $\chi_1^2 = 0.05$  (P = .82)

