## (95% CI) Source

## Sequencing = TPM

Riaz, Melanoma, n = 51 -0.28 [-0.97; 0.41] Mariathasan, Kidney, n = 67-0.21 [-0.78; 0.36] -0.04 [-0.90; 0.82] Miao.1, Kidney, n = 33Mariathasan, Ureteral, n = 26 0.05 [-0.87; 0.97] Fumet.2, Lung, n = 430.17[-0.63; 0.97]Braun, Kidney, n = 1780.25 [-0.14; 0.64] Mariathasan, Bladder, n = 1940.26 [-0.09; 0.61] Mariathasan, Lymph\_node,  $n = 26 \ 0.53 \ [-0.43; 1.49]$ Van\_Allen, Melanoma, n = 42 0.64 [-0.10; 1.38] Snyder, Ureteral, n = 251.16 [ 0.10; 2.22] Total 0.20 [ 0.01; 0.39] Heterogeneity:  $\chi_9^2 = 9.41 \ (P = .40), \ I^2 = 4\% \ [0\%; 64\%]$ 

## Sequencing = FPKM

Nathanson, Melanoma, n = 24-0.27 [-1.25; 0.71] -0.20 [-0.71; 0.31] Liu, Melanoma, n = 121 Hugo, Melanoma, n = 270.17 [-0.97; 1.31] -0.16 [-0.58; 0.26] Total Heterogeneity:  $\chi_2^2 = 0.4$  (P = .82),  $I^2 = 0\%$  [0%; 90%] Total 0.14 [-0.04; 0.31] Heterogeneity:  $\chi_{12}^2 = 12.17 \ (P = .43), \ I^2 = 1\% \ [0\%; 57\%]$ Test for overall effect:  $z = 1.56 \ (P = .12)$ 

Test for subgroup differences:  $\chi_1^2 = 2.36$  (P = .12)

