

| Source   | (95% CI)            |
|--|---------------------|
| <b>Sequencing = FPKM</b>   |                     |
| Liu, Melanoma, n = 121   | -0.26 [-0.69; 0.17] |
| Nathanson, Melanoma, n = 24  | 0.19 [-0.67; 1.05]  |
| Hugo, Melanoma, n = 27   | 0.51 [-0.51; 1.53]  |
| Total  | -0.02 [-0.48; 0.44] |
| Heterogeneity: $\chi^2_2 = 2.33$ ( $P = .31$ ), $I^2 = 14\%$ [0%; 91%] |                     |

|   |                     |
|---|---------------------|
| <b>Sequencing = TPM</b>   |                     |
| Mariathasan, Kidney, n = 67   | -0.26 [-0.71; 0.19] |
| Riaz, Melanoma, n = 51  | -0.03 [-0.60; 0.54] |
| Miao.1, Kidney, n = 33  | 0.01 [-0.79; 0.81]  |
| Mariathasan, Bladder, n = 194   | 0.06 [-0.21; 0.33]  |
| Braun, Kidney, n = 178  | 0.21 [-0.10; 0.52]  |
| Mariathasan, Ureteral, n = 26   | 0.27 [-0.61; 1.15]  |
| Mariathasan, Lymph_node, n = 26   | 0.38 [-0.35; 1.11]  |
| Fumet.2, Lung, n = 43   | 0.43 [-0.28; 1.14]  |
| Van_Allen, Melanoma, n = 42   | 0.43 [-0.16; 1.02]  |
| Snyder, Ureteral, n = 25  | 0.69 [-0.15; 1.53]  |
| Total   | 0.13 [-0.02; 0.29]  |
| Heterogeneity: $\chi^2_9 = 7.71$ ( $P = .56$ ), $I^2 = 0\%$ [0%; 62%]     |                     |
| Total   | 0.10 [-0.04; 0.24]  |
| Heterogeneity: $\chi^2_{12} = 11.24$ ( $P = .51$ ), $I^2 = 0\%$ [0%; 57%] |                     |
| Test for overall effect: $z = 1.40$ ( $P = .16$ )                         |                     |
| Test for subgroup differences: $\chi^2_1 = 0.39$ ( $P = .53$ )            |                     |

