Study	logOR [95%CI]	P−value
Lauss_Melanoma_GSE100797	−0.50 [−1.42; 0.42]	0.28
Zhao_GBM−PRJNA482620	−0.50 [−1.46; 0.46]	0.31
Braun_RCC	−0.18 [−0.77; 0.41]	0.54
Liu_Vanallen_Melanoma−phs000452	0.02 [−0.27; 0.31]	0.90
Jung_NSCLC_GSE135222	0.06 [−0.18; 0.30]	0.65
Puch_melanoma	0.21 [−0.38; 0.80]	0.50
Nathanson_Melanoma_2017	0.25 [−0.38; 0.88]	0.42
Mariathasan_UC	0.29 [−0.02; 0.60]	0.07
Kim_GC_PRJEB25780	0.50 [−1.46; 2.46]	0.62
Snyder_UC	0.55 [−0.39; 1.49]	0.25
Riaz_Melanoma_GSE91061	1.02 [−0.29; 2.33]	0.13
Gide_Melanoma−PRJEB23709	1.80 [0.64; 2.96]	0.00
Total	0.12 [−0.01; 0.26]	

−1　0 0.5 1 1.5 2
Estimated logOR

Heterogeneity: $\chi^2_{11} = 17.28$ $(P = .10)$, $I^2 = 36\%$ $[0\%; 68\%]$
Test for overall effect: $z = 1.76$ $(P = .08)$