Study	logOR [95%CI]	P–value
Hugo_Melanoma−GSE78220	−1.10 [−4.14; 1.94]	0.48
Snyder_UC	−0.48 [−4.09; 3.13]	0.80
Liu_Vanallen_Melanoma−phs000452	−0.22 [−1.87; 1.43]	0.79
Braun_RCC	0.28 [−1.41; 1.97]	0.75
Zhao_GBM−PRJNA482620	0.47 [−2.31; 3.25]	0.74
Auslander_Melanoma_GSE115821	0.61 [−4.74; 5.96]	0.82
Mariathasan_UC	1.10 [−0.15; 2.35]	0.09
Nathanson_Melanoma_2017	1.72 [−1.14; 4.58]	0.24
Riaz_Melanoma_GSE91061	2.03 [−0.48; 4.54]	0.11
miao_1_CRCC_1	3.85 [−0.15; 7.85]	0.06
Jung_NSCLC_GSE135222	3.97 [−0.73; 8.67]	0.10
Puch_melanoma	4.16 [1.24; 7.08]	0.01
Kim_GC_PRJEB25780	4.82 [1.47; 8.17]	0.00
Gide_Melanoma−PRJEB23709	4.95 [2.75; 7.15]	0.00
Lauss_Melanoma_GSE100797	4.95 [−0.40; 10.30]	0.07
Total	1.82 [0.74; 2.90]	

−1 0 1 2 3 4 5
Estimated logOR

Heterogeneity: $\chi^2_{14} = 31.81$ ($P = .004$), $I^2 = 56\%$ [21%; 75%]
Test for overall effect: $z = 3.29$ ($P = .001$)