

Supplemental Table S3

Statistical analysis for changes in normal tissue expression of EDNRB mRNA in response Rafi (Fig 6A)

Table Analyzed	12-0900A_Heart_BRAFi
Unpaired t test	
P value	0.2754
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=1.200 df=6
Mean ± SEM of column A	2.229 ± 0.7582 N=4
Mean ± SEM of column B	3.762 ± 1.028 N=4
Difference between means	-1.533 ± 1.277
95% confidence interval	-4.658 to 1.593
R squared	0.1935

Table Analyzed	12-0900A_Lung_BRAFi
Unpaired t test	
P value	0.9607
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=0.05087 df=8
Mean ± SEM of column A	2.019 ± 0.5200 N=5
Mean ± SEM of column B	2.047 ± 0.1984 N=5
Difference between means	-0.02831 ± 0.5565
95% confidence interval	-1.312 to 1.255
R squared	0.0003234

Table Analyzed	12-0900A_Kidney_BRAFi
Unpaired t test	
P value	0.3392
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=1.016 df=8
Mean ± SEM of column A	3.232 ± 0.6838 N=5
Mean ± SEM of column B	2.123 ± 0.8512 N=5
Difference between means	1.110 ± 1.092
95% confidence interval	-1.408 to 3.627
R squared	0.1143

Table Analyzed	12-0900A_Skin_BRAFi
Unpaired t test	
P value	0.8583
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=0.1843 df=8
Mean ± SEM of column A	1.862 ± 0.2669 N=5
Mean ± SEM of column B	1.778 ± 0.3679 N=5
Difference between means	0.08378 ± 0.4545
95% confidence interval	-0.9643 to 1.132
R squared	0.004229

Table Analyzed	12-0900A_Liver_BRAFi
Unpaired t test	
P value	0.0923
P value summary	ns
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=2.001 df=6
Mean ± SEM of column A	2.065 ± 0.3786 N=4
Mean ± SEM of column B	0.9680 ± 0.3967 N=4
Difference between means	1.097 ± 0.5484
95% confidence interval	-0.2445 to 2.439
R squared	0.4003

Table Analyzed	12-0900A_Small Intestine_BRAFi
Unpaired t test	
P value	0.6584
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=0.4591 df=8
Mean ± SEM of column A	2.066 ± 0.6895 N=5
Mean ± SEM of column B	1.718 ± 0.3120 N=5
Difference between means	0.3475 ± 0.7568
95% confidence interval	-1.398 to 2.093
R squared	0.02567

Table S3 (con't)

Statistical analysis for changes in normal tissue expression of EDNRB mRNA in response MEKi (Fig 6B)

Table Analyzed	12-0900 B_Heart_MEKi
Unpaired t test	
P value	0.9267
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=0.09492 df=8
Mean ± SEM of column A	0.9667 ± 0.1815 N=5
Mean ± SEM of column B	0.9460 ± 0.1203 N=5
Difference between means	0.02067 ± 0.2177
95% confidence interval	-0.4814 to 0.5228
R squared	0.001125

Table Analyzed	12-0900 B_Small Intestine_MEKi
Unpaired t test	
P value	0.2405
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=1.268 df=8
Mean ± SEM of column A	0.9907 ± 0.1572 N=5
Mean ± SEM of column B	0.7120 ± 0.1537 N=5
Difference between means	0.2787 ± 0.2198
95% confidence interval	-0.2282 to 0.7855
R squared	0.1673

Table Analyzed	12-0900 B_Lung_MEKi
Unpaired t test	
P value	0.0208
Are means signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=2.872 df=8
Mean ± SEM of column A	1.238 ± 0.06246 N=5
Mean ± SEM of column B	0.9893 ± 0.05996 N=5
Difference between means	0.2487 ± 0.08658
95% confidence interval	0.04901 to 0.4483
R squared	0.5076

Table Analyzed	12-0900 B_Large Intestine_MEKi
Unpaired t test	
P value	0.5965
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=0.5513 df=8
Mean ± SEM of column A	1.893 ± 0.5799 N=5
Mean ± SEM of column B	1.569 ± 0.1025 N=5
Difference between means	0.3247 ± 0.5889
95% confidence interval	-1.033 to 1.683
R squared	0.0366

Table Analyzed	12-0900 B_Skin_MEKi
Unpaired t test	
P value	0.1328
Are means signif. different? (P < 0.05)	No
One- or two-tailed P value?	Two-tailed
t, df	t=1.674 df=8
Mean ± SEM of column A	1.241 ± 0.2642 N=5
Mean ± SEM of column B	1.950 ± 0.3309 N=5
Difference between means	-0.7087 ± 0.4234
95% confidence interval	-1.685 to 0.2678
R squared	0.2593

Table Analyzed	12-0900 B_SK23MEL Tumors_MEKi
Unpaired t test	
P value	0.0015
Are means signif. different? (P < 0.05)	Yes
One- or two-tailed P value?	Two-tailed
t, df	t=4.706 df=8
Mean ± SEM of column A	2.569 ± 0.1985 N=5
Mean ± SEM of column B	8.971 ± 1.346 N=5
Difference between means	-6.401 ± 1.360
95% confidence interval	-9.538 to -3.265
R squared	0.7347