

Supplementary Table 1. RIP2 pathway signaling related genes fold-change during acute OM: median (range) and *p* value. These values are graphed in Figure 2.

Time	Fold change (range)	P value
<i>Nod1</i> 1454733_at		
Time 0h	1.000 (0.997 to 1.003)	0.999
Time 3h	0.896 (0.815 to 0.922)	0.261
Time 6h	0.738 (0.696 to 0.782)	0.120
Time 1d	1.680 (1.661 to 1.699)	0.014
Time 2d	0.969 (0.891 to 1.053)	0.777
Time 3d	0.658 (0.596 to 0.728)	0.150
Time 5d	0.549 (0.503 to 0.600)	0.093
Time 7d	0.537 (0.533 to 0.541)	0.081
<i>Nod2</i> (not on the array)		
<i>Rip2 (Ripk2)</i> 1421236_at		
Time 0h	0.998 (0.930 to 1.070)	0.978
Time 3h	1.777 (1.412 to 2.236)	0.242
Time 6h	1.500 (1.489 to 1.512)	0.012
Time 1d	0.920 (0.800 to 1.058)	0.658
Time 2d	1.235 (1.219 to 1.251)	0.040
Time 3d	0.998 (0.847 to 1.177)	0.994
Time 5d	1.143 (1.085 to 1.205)	0.237
Time 7d	1.137 (1.049 to 1.233)	0.358
<i>Traf1</i> 1423602_at		
Time 0h	0.96 (0.722 to 1.278)	0.911
Time 3h	4.718 (4.42 to 5.037)	0.027
Time 6h	4.22 (4.17 to 4.271)	0.005
Time 1d	7.627 (6.895 to 8.435)	0.032
Time 2d	1.644 (0.9 to 3.004)	0.561
Time 3d	3.51 (3.212 to 3.835)	0.045
Time 5d	1.783 (1.659 to 1.916)	0.079
Time 7d	1.198 (0.942 to 1.522)	0.59
<i>Traf5</i> 1447682_x_at (NOT REGULATED)		
Time 0h	0.994 (0.888 to 1.112)	0.964
Time 3h	0.297 (0.233 to 0.378)	0.125
Time 6h	0.885 (0.84 to 0.933)	0.258
Time 1d	0.645 (0.314 to 1.323)	0.651
Time 2d	0.0817 (0.0495 to 0.135)	0.126
Time 3d	1.094 (0.952 to 1.257)	0.636
Time 5d	0.776 (0.641 to 0.939)	0.41
Time 7d	1.061 (0.734 to 1.533)	0.899
<i>Traf6</i> 1435350_at		
Time 0h	0.964 (0.732 to 1.268)	0.914
Time 3h	2.015 (1.942 to 2.091)	0.034
Time 6h	4.082 (2.916 to 5.716)	0.150
Time 1d	1.596 (1.476 to 1.725)	0.105
Time 2d	1.815 (1.683 to 1.957)	0.0803
Time 3d	1.485 (1.235 to 1.785)	0.278
Time 5d	0.576 (0.563 to 0.589)	0.026
Time 7d	1.218 (1.217 to 1.218)	0.001

Ubc13 (Ube2n) 1422559_at

Time 0h	0.980 (0.800 to 1.200)	0.936
Time 3h	1.525 (1.424 to 1.633)	0.102
Time 6h	1.528 (1.385 to 1.687)	0.145
Time 1d	2.586 (2.503 to 2.671)	0.022
Time 2d	2.212 (2.120 to 2.308)	0.034
Time 3d	1.737 (1.707 to 1.768)	0.020
Time 5d	1.186 (1.159 to 1.214)	0.087
Time 7d	1.087 (1.017 to 1.162)	0.428

Uev1A (Ube2v1) 1444523_s_at

Time 0h	0.987 (0.839 to 1.161)	0.949
Time 3h	1.171 (1.17 to 1.172)	0.003
Time 6h	1.028 (0.919 to 1.151)	0.847
Time 1d	2.269 (2.083 to 2.473)	0.066
Time 2d	2.546 (2.288 to 2.833)	0.072
Time 3d	1.44 (1.117 to 1.855)	0.387
Time 5d	0.922 (0.906 to 0.939)	0.140
Time 7d	0.769 (0.721 to 0.82)	0.153

Tak1 (Map3k7) 1425795_a_at

Time 0h	0.997 (0.929 to 1.071)	0.977
Time 3h	1.165 (1.109 to 1.223)	0.198
Time 6h	1.282 (1.272 to 1.291)	0.019
Time 1d	2.353 (2.083 to 2.657)	0.090
Time 2d	2.743 (2.325 to 3.237)	0.104
Time 3d	2.082 (1.927 to 2.251)	0.067
Time 5d	1.801 (1.749 to 1.855)	0.032
Time 7d	1.750 (1.661 to 1.845)	0.060

Tab1 1426898_at

Time 0h	1.000 (0.975 to 1.025)	0.992
Time 3h	0.484 (0.450 to 0.521)	0.064
Time 6h	0.343 (0.248 to 0.475)	0.188
Time 1d	0.765 (0.680 to 0.860)	0.263
Time 2d	0.586 (0.535 to 0.641)	0.107
Time 3d	0.667 (0.577 to 0.771)	0.218
Time 5d	0.671 (0.655 to 0.688)	0.040
Time 7d	0.902 (0.871 to 0.934)	0.209

Tab2 1451003_at

Time 0h	0.999 (0.948 to 1.052)	0.983
Time 3h	1.119 (1.037 to 1.208)	0.378
Time 6h	1.203 (1.102 to 1.312)	0.281
Time 1d	2.16 (2.109 to 2.212)	0.020
Time 2d	2.076 (1.958 to 2.202)	0.051
Time 3d	1.775 (1.735 to 1.815)	0.025
Time 5d	1.254 (1.219 to 1.29)	0.080
Time 7d	1.317 (1.29 to 1.345)	0.049

Tab3 1428762_at

Time 0h	0.985 (0.827 to 1.173)	0.945
Time 3h	1.086 (0.99 to 1.191)	0.535
Time 6h	1.278 (0.907 to 1.799)	0.604
Time 1d	1.343 (1.329 to 1.357)	0.023
Time 2d	1.878 (1.249 to 2.823)	0.366
Time 3d	1.559 (1.284 to 1.893)	0.262
Time 5d	1.086 (1.085 to 1.087)	0.008
Time 7d	1.103 (0.971 to 1.253)	0.582

Ciap1 1418854_at (NOT REGULATED)

Time 0h	1 (0.972 to 1.028)	0.991
Time 3h	2.631 (2.395 to 2.891)	0.062
Time 6h	2.828 (2.436 to 3.284)	0.091
Time 1d	1.111 (1.041 to 1.187)	0.354
Time 2d	1.059 (1.038 to 1.08)	0.210
Time 3d	1.368 (1.192 to 1.571)	0.264
Time 5d	1.172 (1.146 to 1.199)	0.090
Time 7d	1.189 (1.143 to 1.236)	0.141

Ciap2 1421392_a_at

Time 0h	0.997 (0.924 to 1.076)	0.976
Time 3h	11.9 (10.27 to 13.8)	0.038
Time 6h	9.944 (7.701 to 12.84)	0.070
Time 1d	9.764 (8.393 to 11.36)	0.042
Time 2d	4.524 (3.637 to 5.628)	0.091
Time 3d	5.567 (5.56 to 5.575)	0.0005
Time 5d	1.417 (1.241 to 1.618)	0.231
Time 7d	2.205 (2.096 to 2.32)	0.041

Xiap 1450231_a_at

Time 0h	0.999 (0.965 to 1.035)	0.989
Time 3h	1.395 (1.233 to 1.579)	0.226
Time 6h	2.126 (2.057 to 2.197)	0.028
Time 1d	3.803 (3.466 to 4.173)	0.044
Time 2d	4.732 (4.17 to 5.37)	0.052
Time 3d	2.086 (1.06 to 4.107)	0.474
Time 5d	4.033 (3 to 5.422)	0.133
Time 7d	2.043 (1.826 to 2.286)	0.099

Bid 1448560_at

Time 0h	0.99 (0.858 to 1.142)	0.955
Time 3h	0.67 (0.6 to 0.749)	0.173
Time 6h	1.07 (0.524 to 2.187)	0.94
Time 1d	15.39 (14.09 to 16.81)	0.021
Time 2d	9.941 (7.288 to 13.56)	0.085
Time 3d	10.16 (7.601 to 13.57)	0.079
Time 5d	3.809 (2.975 to 4.877)	0.116
Time 7d	2.326 (0.703 to 7.694)	0.609