

# jnk\_activators

mRNA Expression (RPKM)

Wild-Type  
Knockout

*Map3k1*  
*Map3k4*  
*Map3k9*  
*Map3k10*  
*Map3k11*  
*Map3k5*  
*Map2k4*  
*Map2k7*  
*Mapk8*  
*Mapk9*  
*Mapk10*  
*Jun*  
*Fos*  
*Atf4*

200  
150  
100  
50  
0

