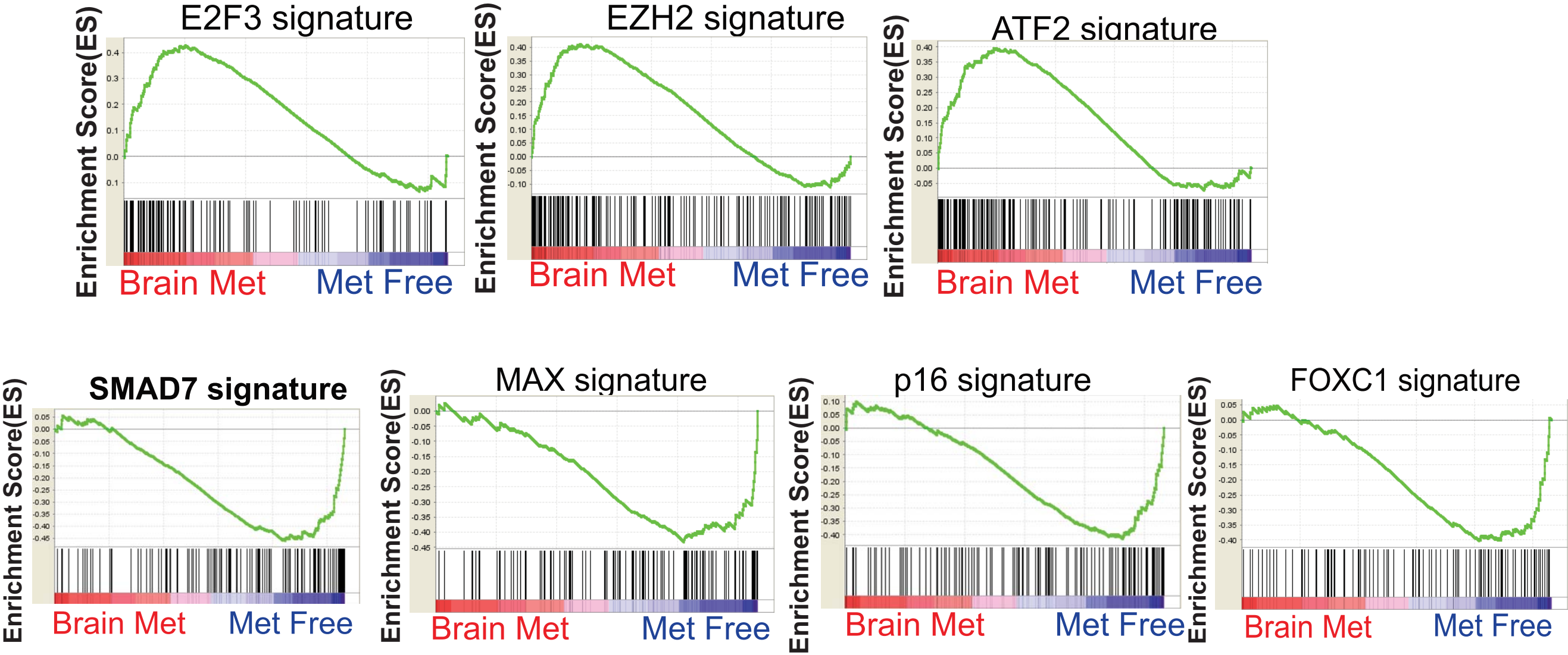
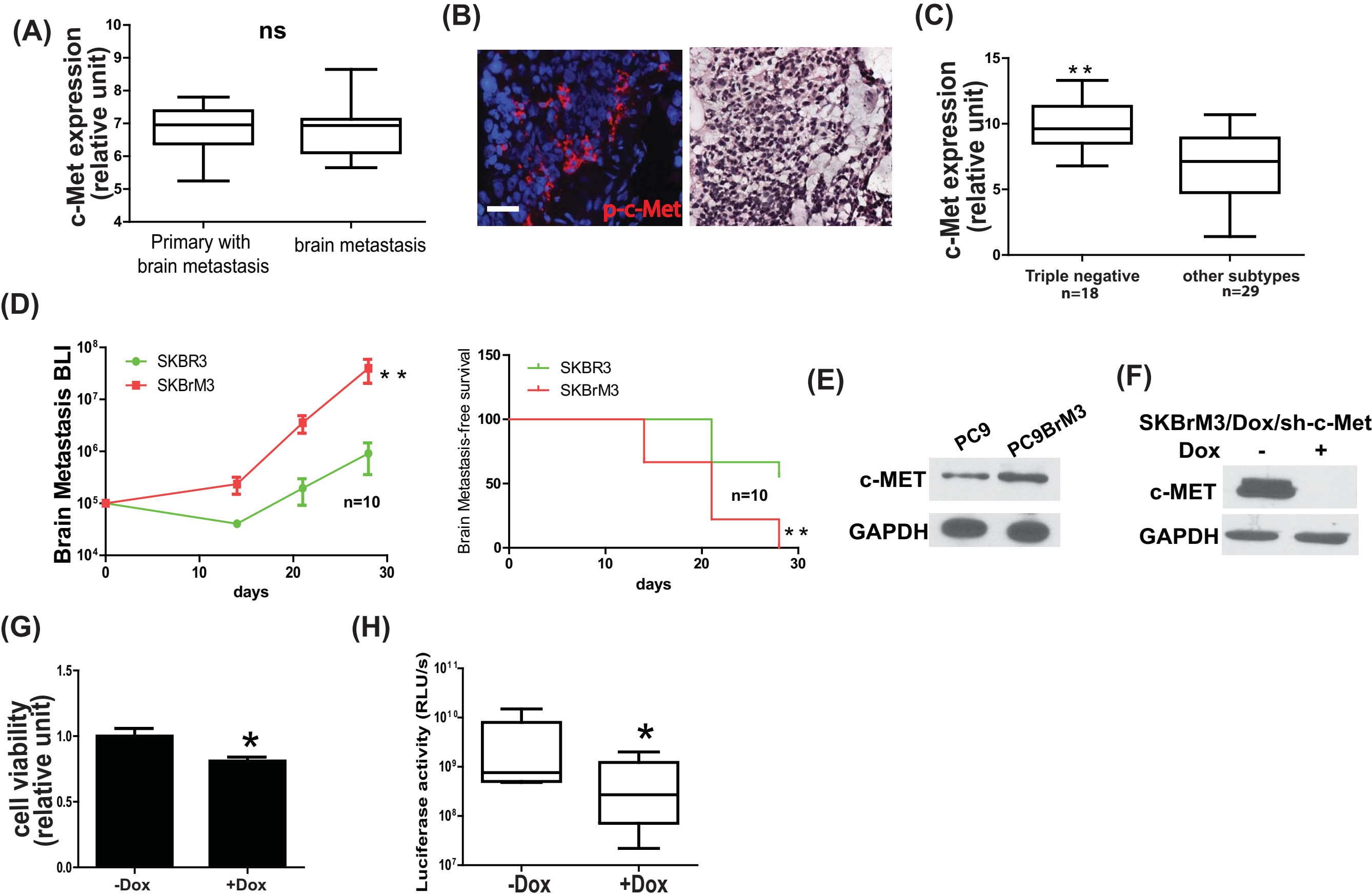
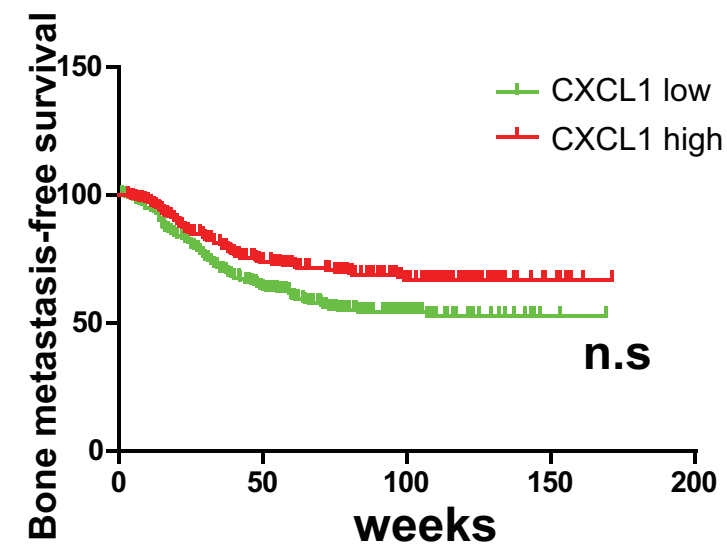
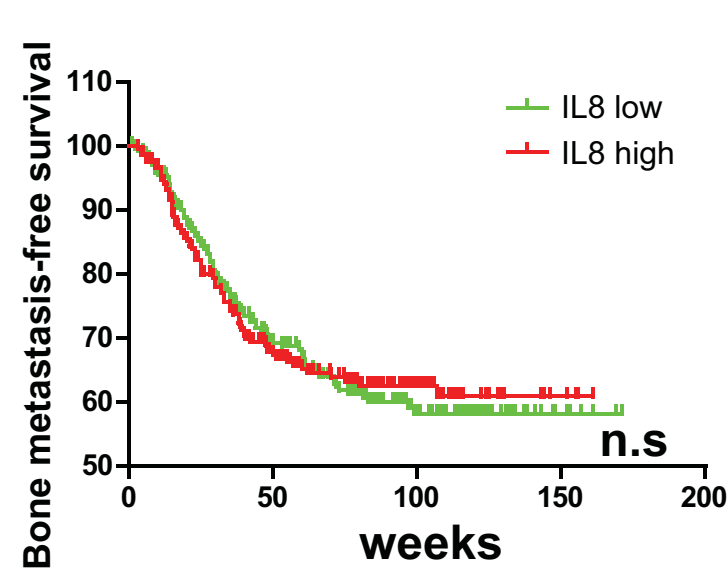
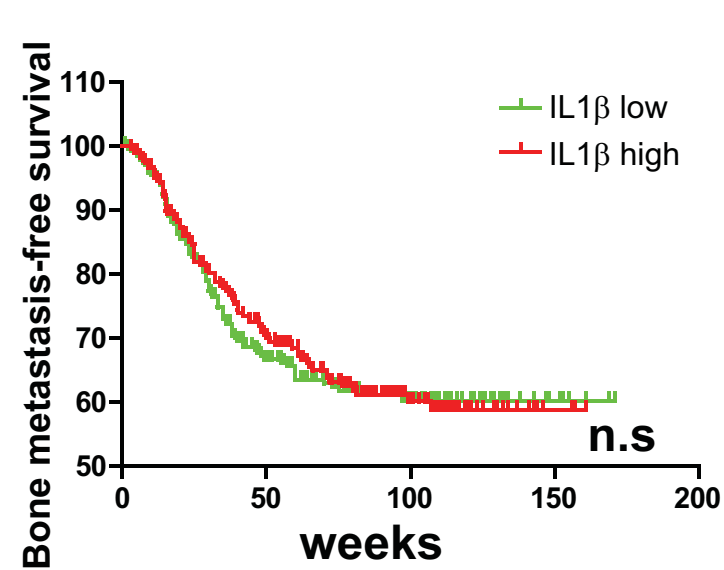
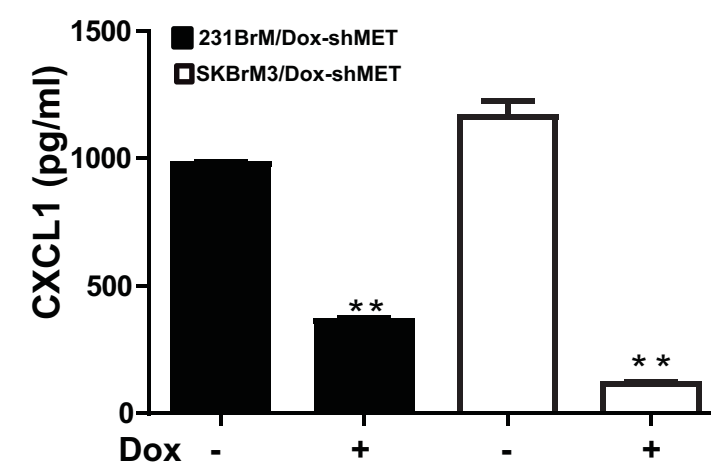
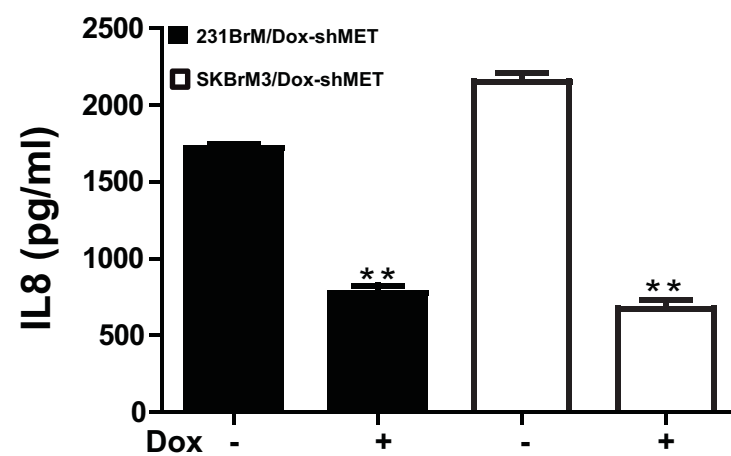
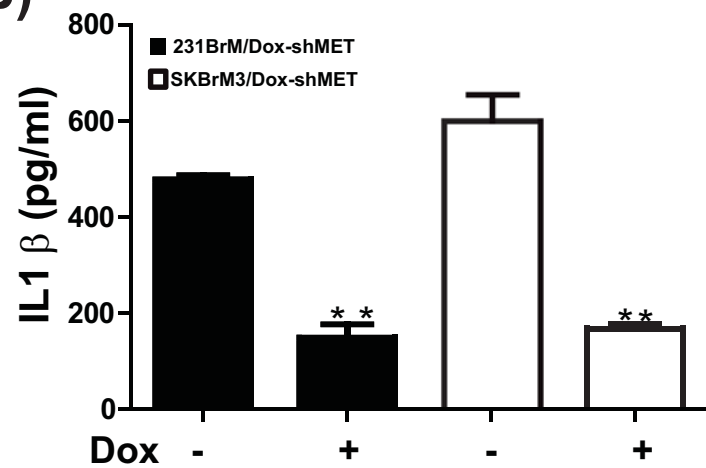
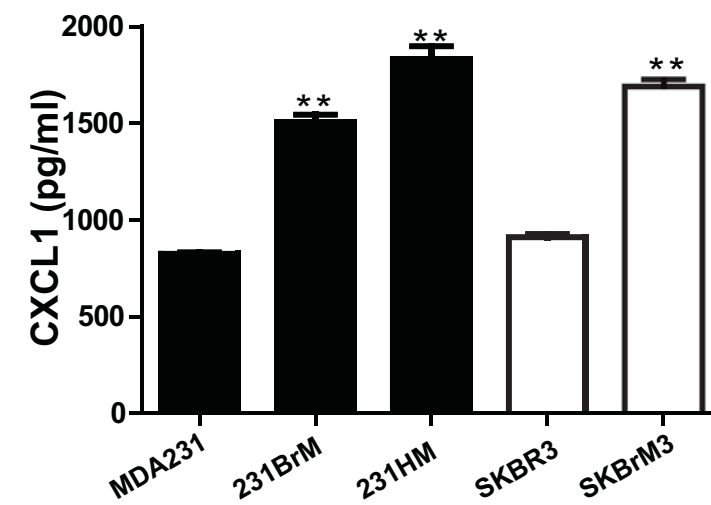
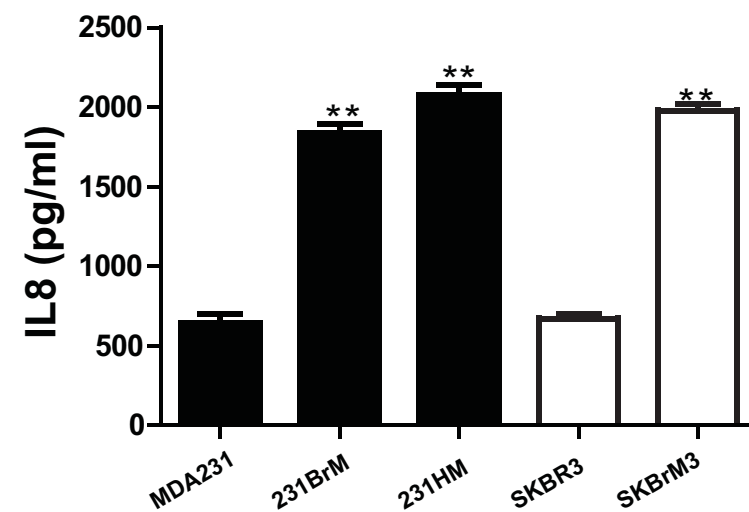
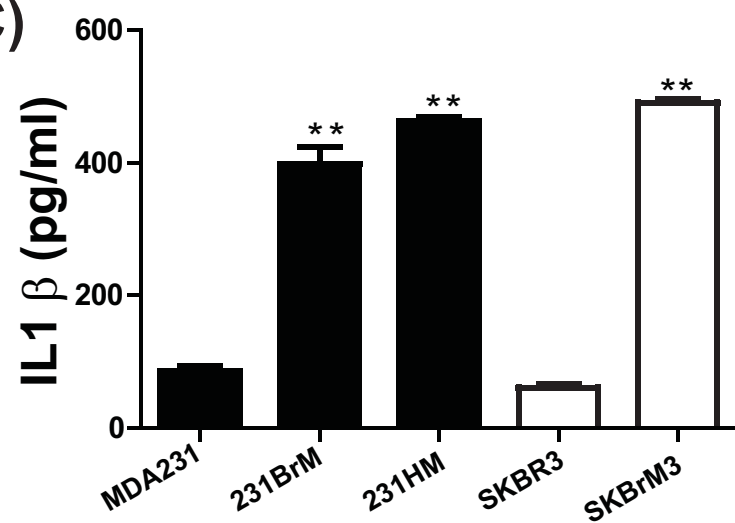


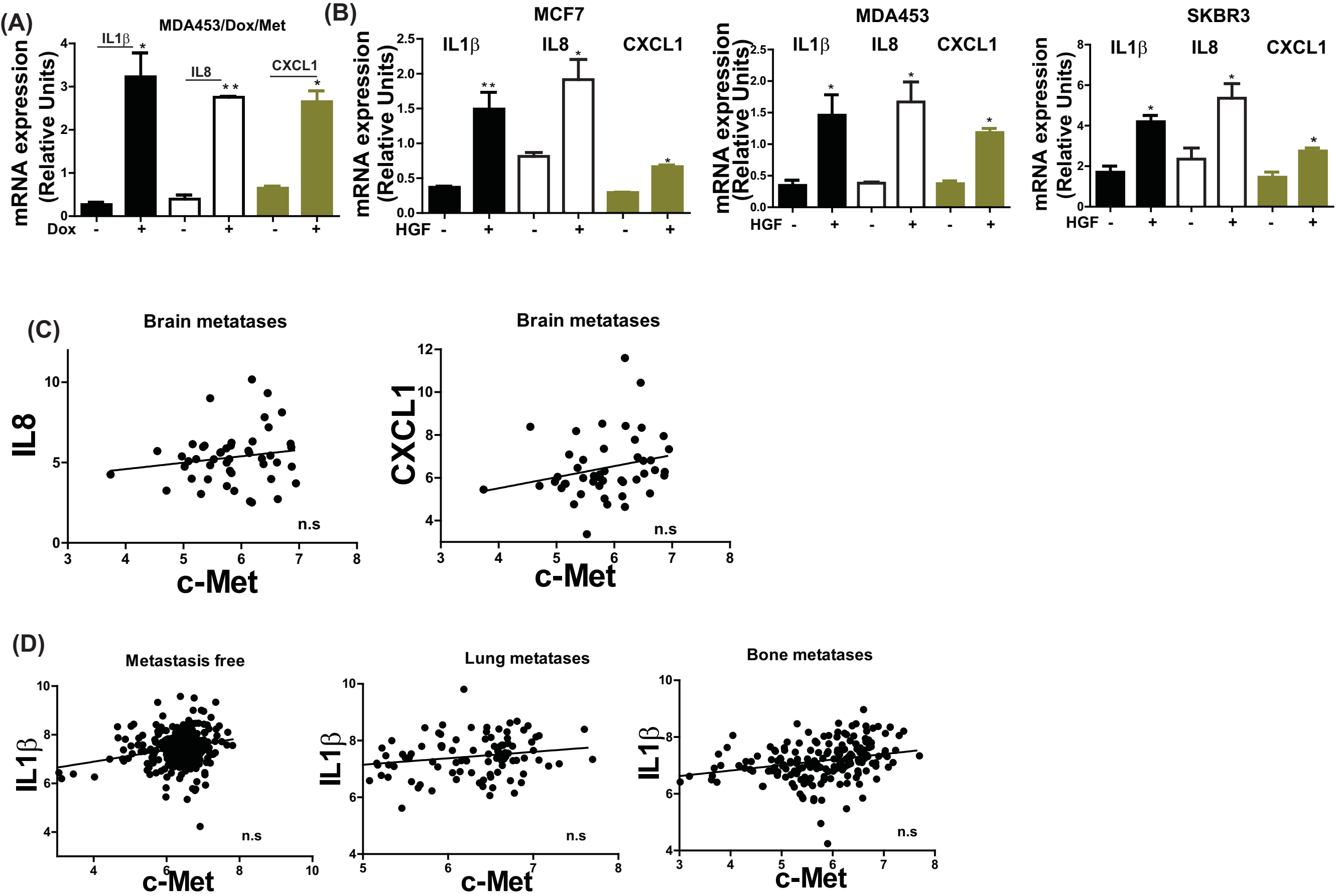


Supplementary Figure1

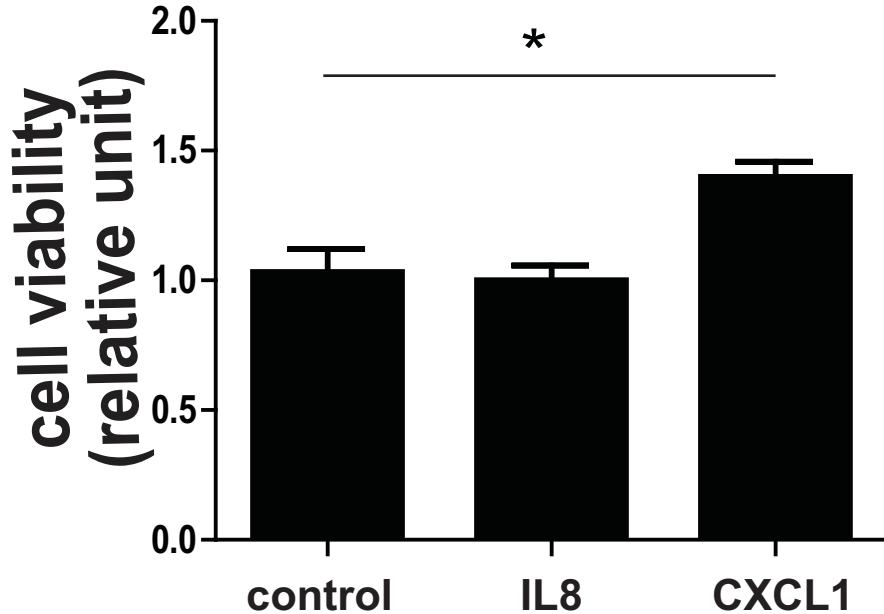


Supplementary Figure 2

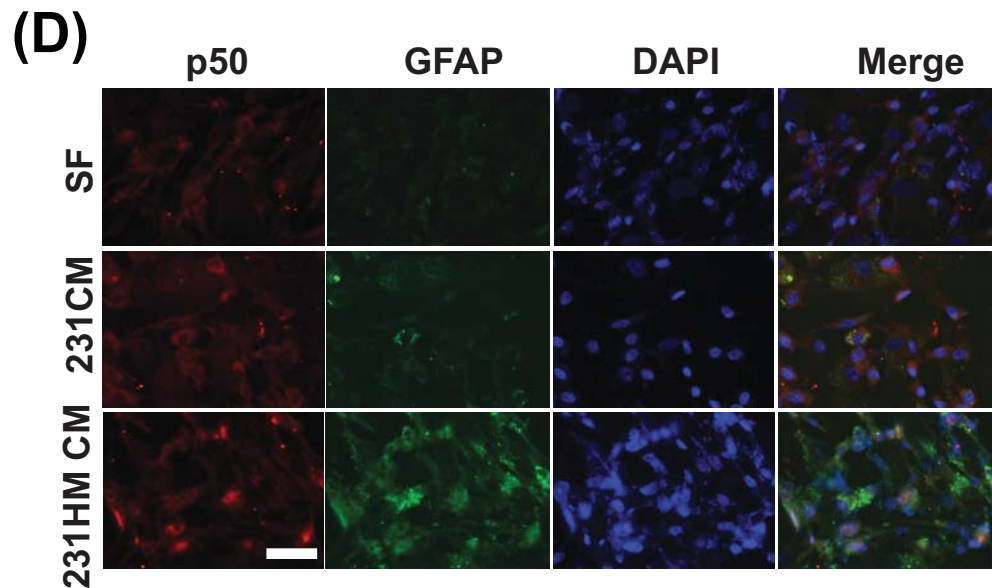
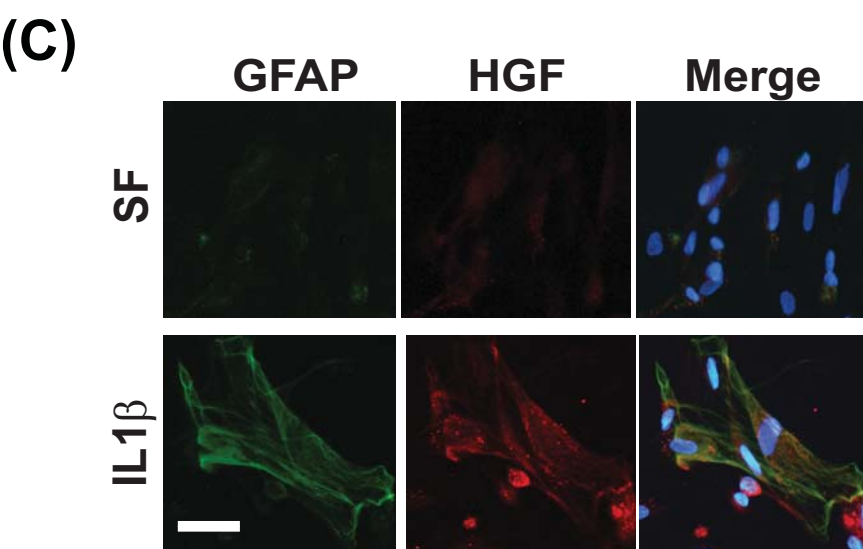
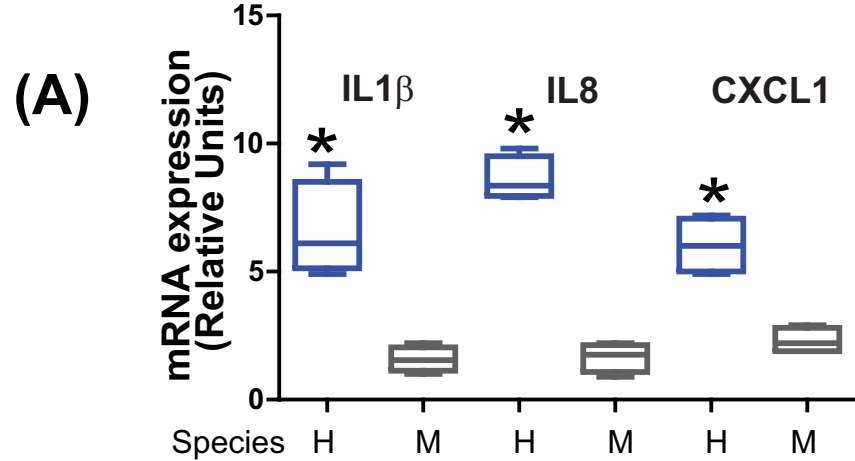
(A)**(B)****(C)****Supplementary Figure 3**



Supplementary Figure 4



Supplementary Figure 5

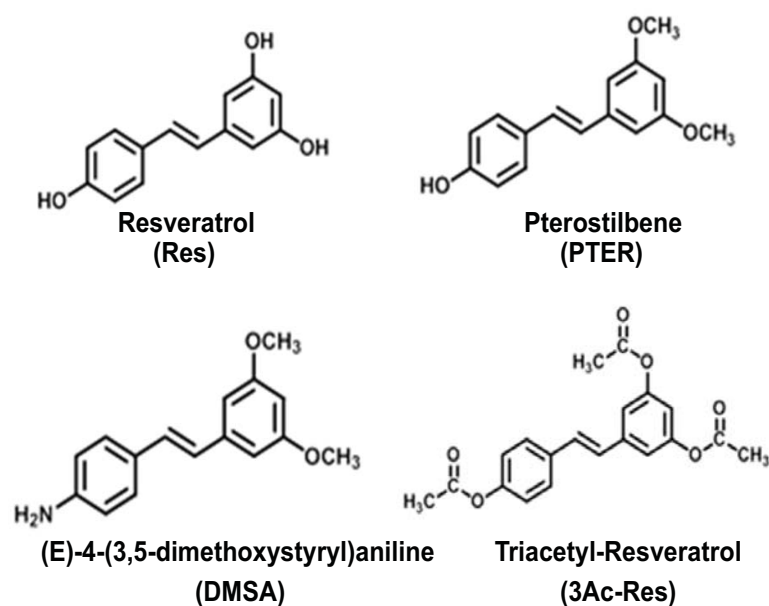
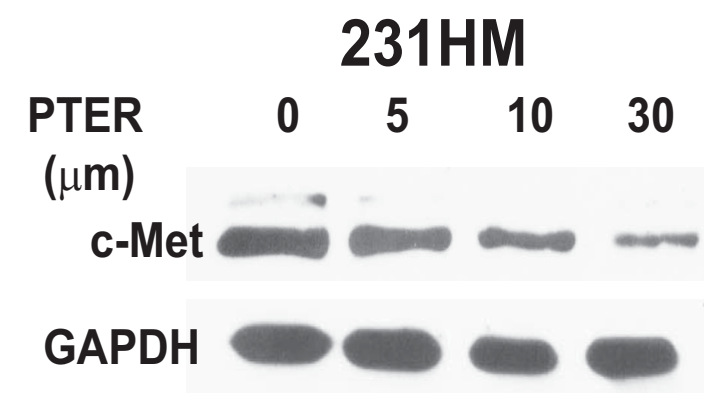
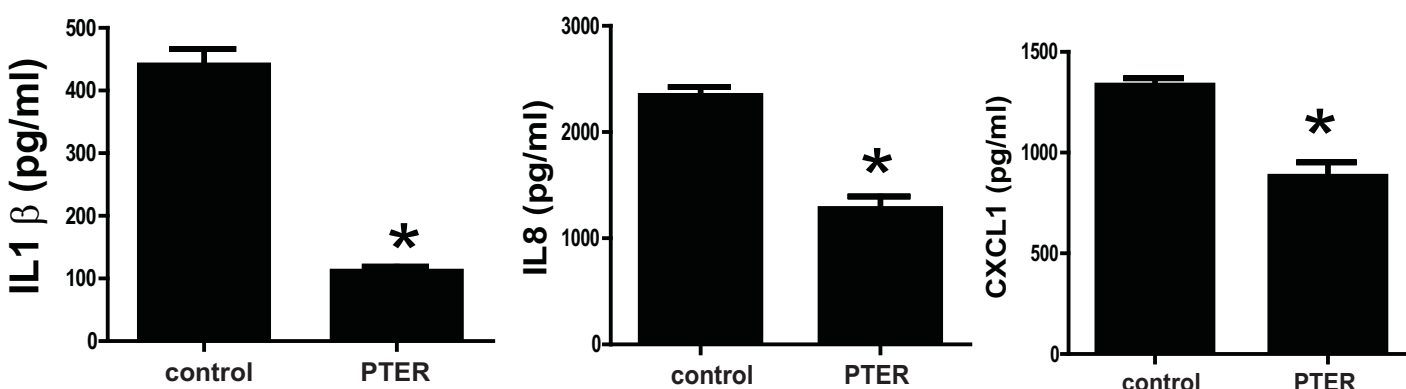
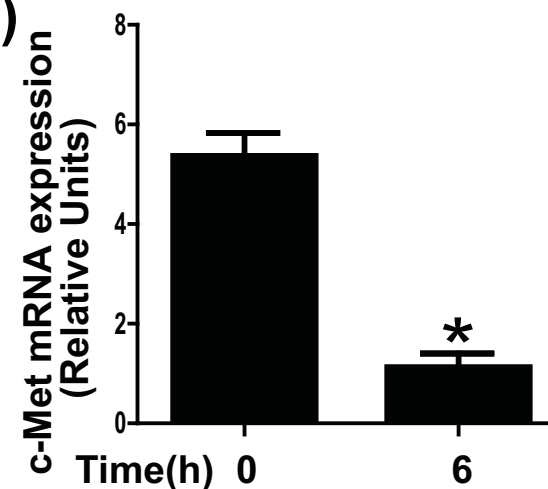
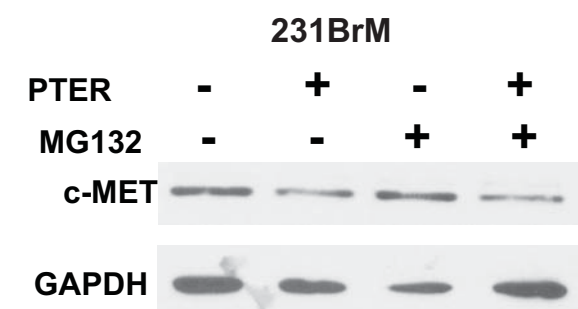


Supplementary figure 6

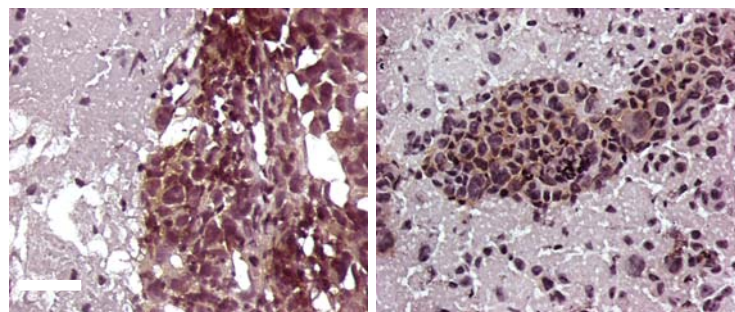
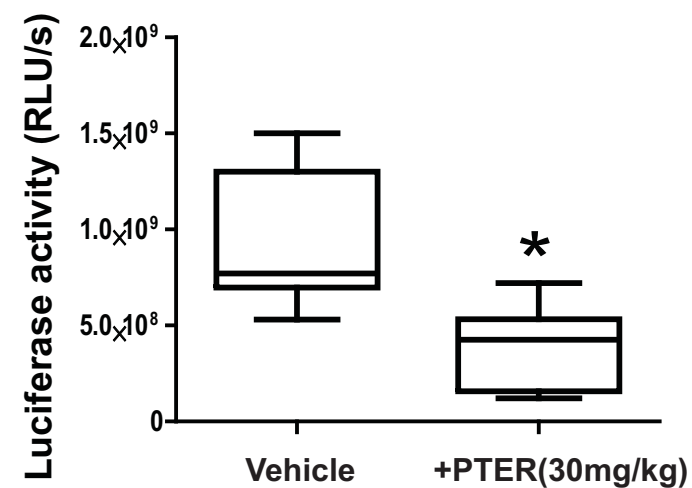
(A)

BBB permeable Natural compounds

Name	Cohort
Berberine	GSE47786
Curcumin	GSE16160
EGCG	GSE56245
Genistein	GSE50705
Indole-3-carbinol	GSE55897
Lycopene	GSE27140
Shikonin	GSE24743
Resveratrol	GSE25412
Quercetin	GSE15162

(B)**(C)****(D)****(E)****(F)****(G)**

Vehicle +PTER

**(H)**

Supplementary Figure 7