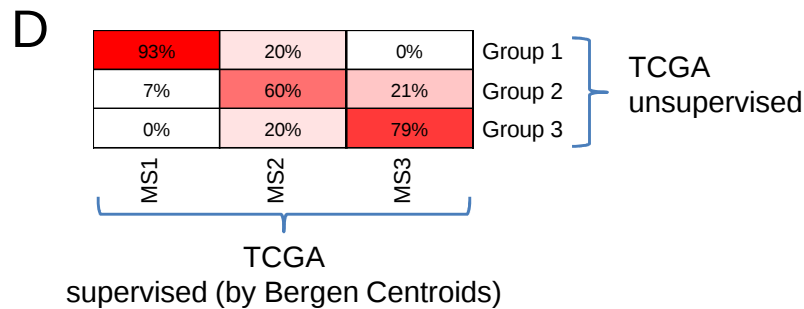
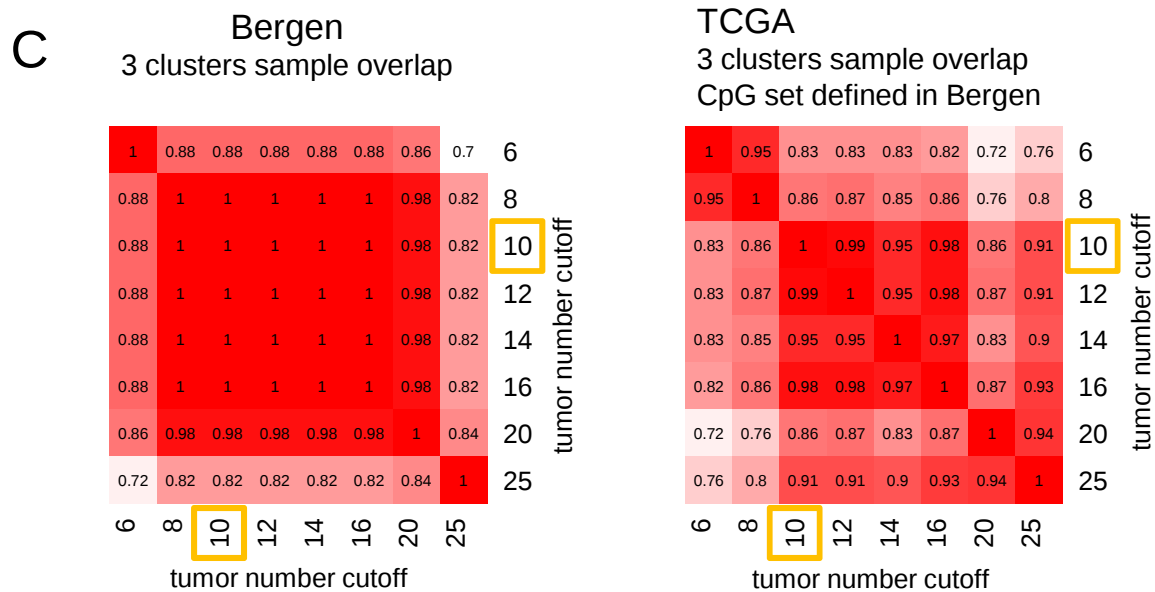
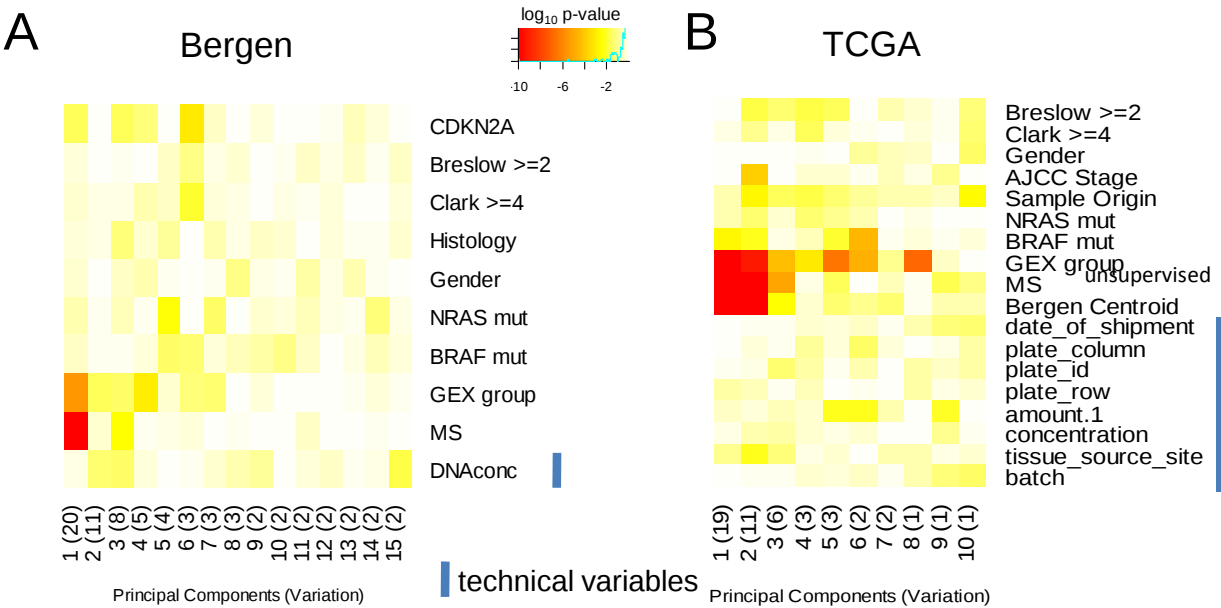
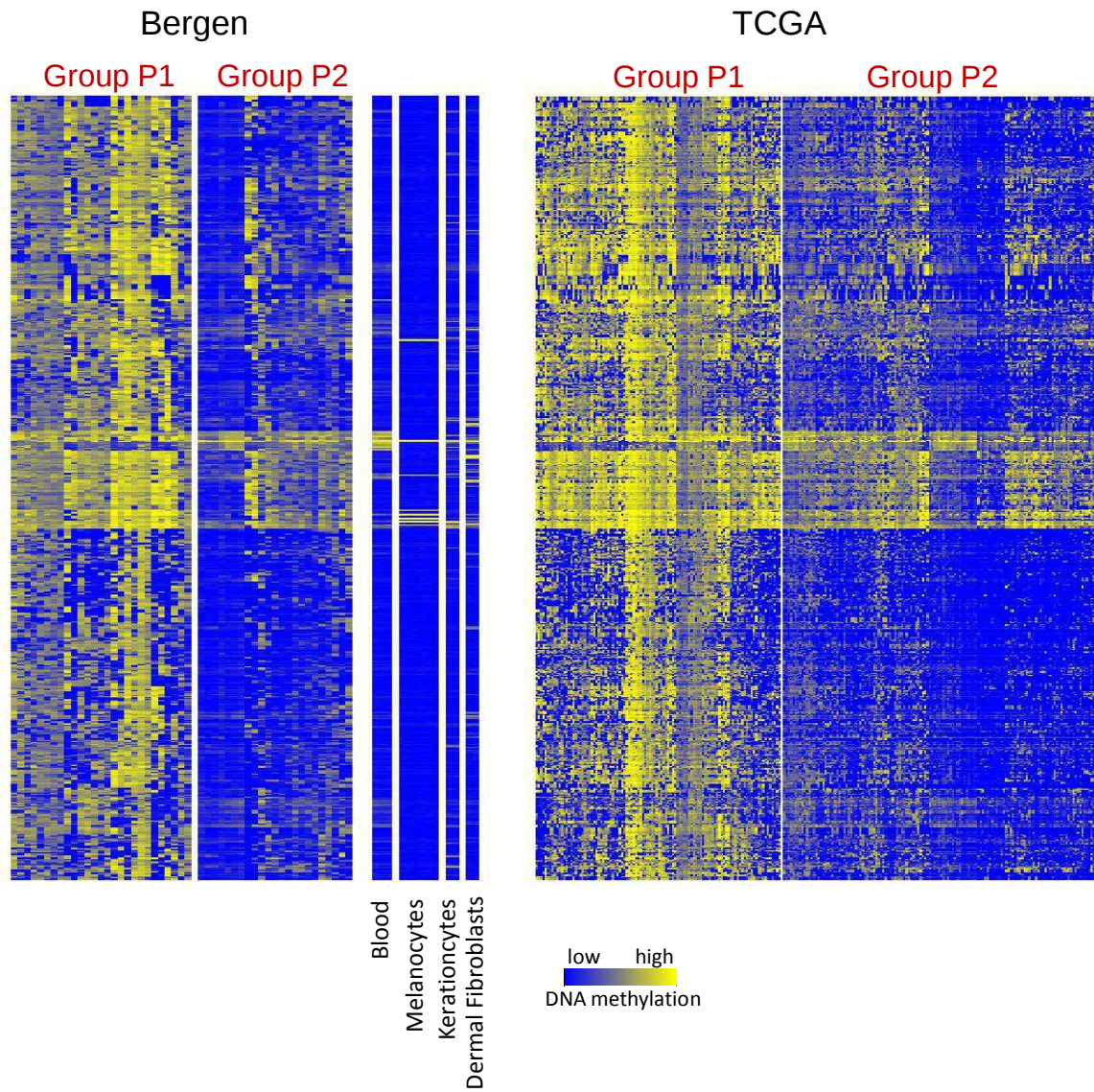


Supplementary Figure 1

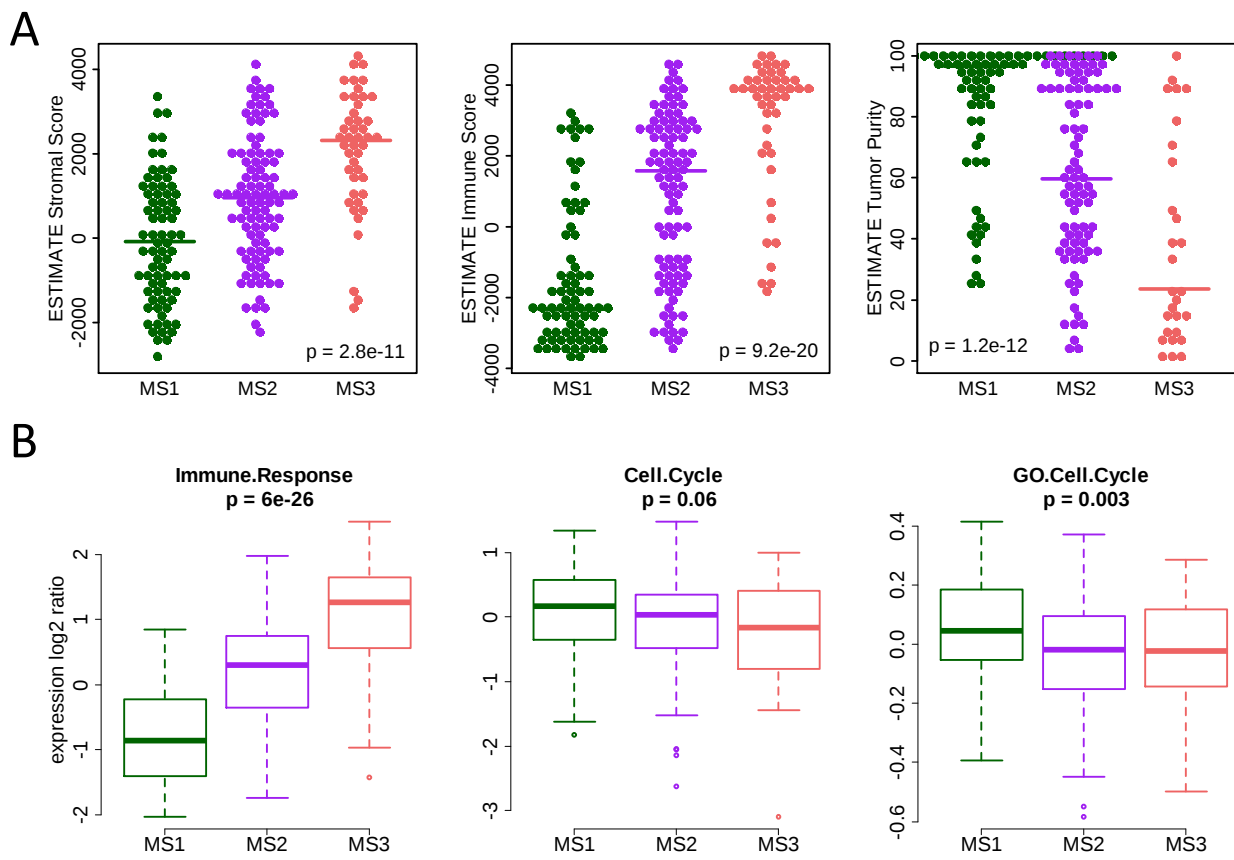


Supplementary Figure 2

Groups from promoter-Island CpGs



Supplementary Figure 3



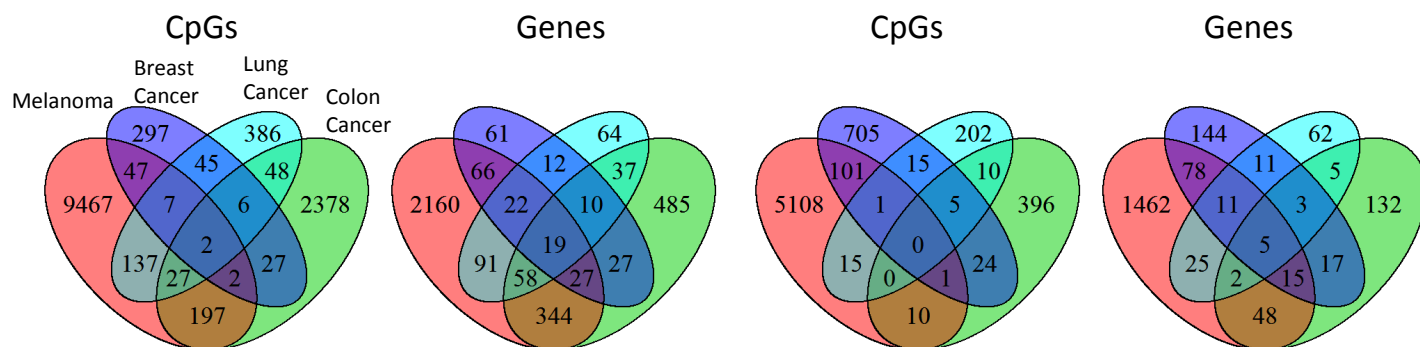
Supplementary Figure 4

Methylated in Cancer

Demethylated in Cancer

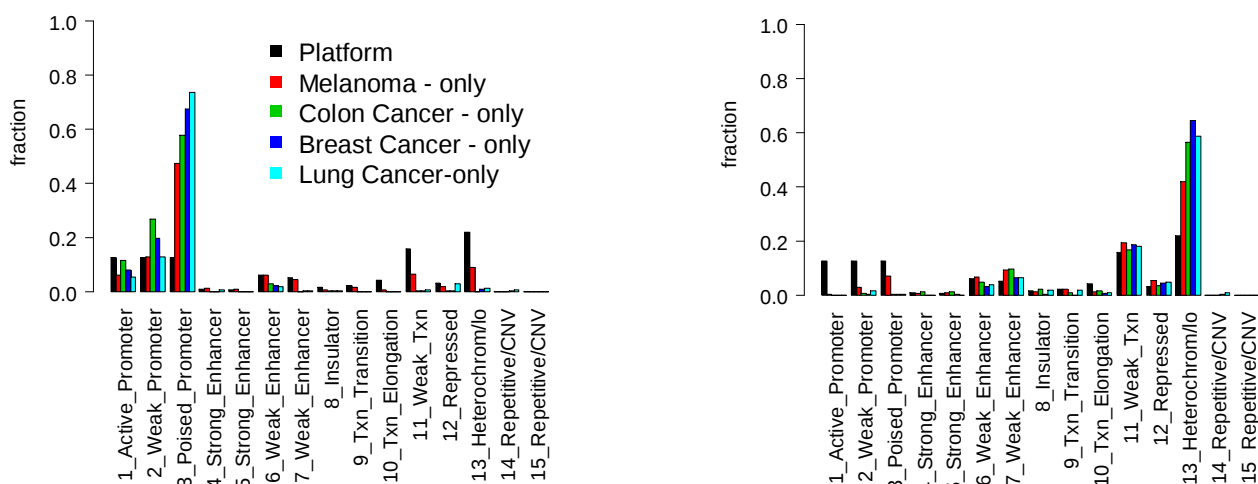
A

Venn diagram



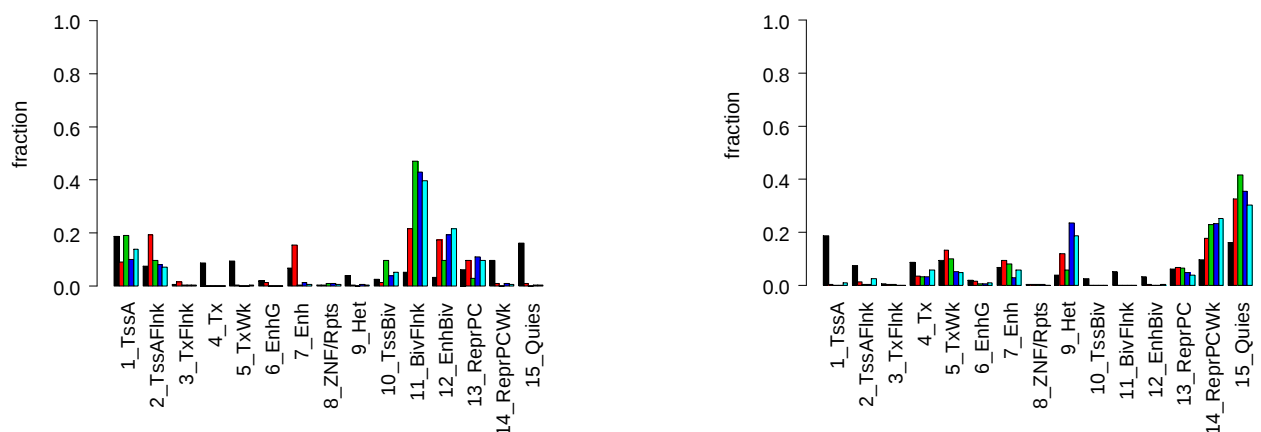
B

ES-cell chromatin (ENCODE)



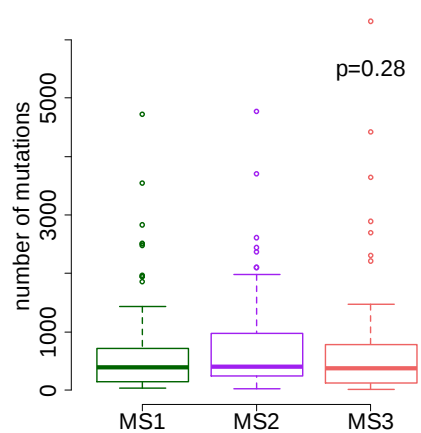
C

Melanocyte chromatin (Epigenome Roadmap)

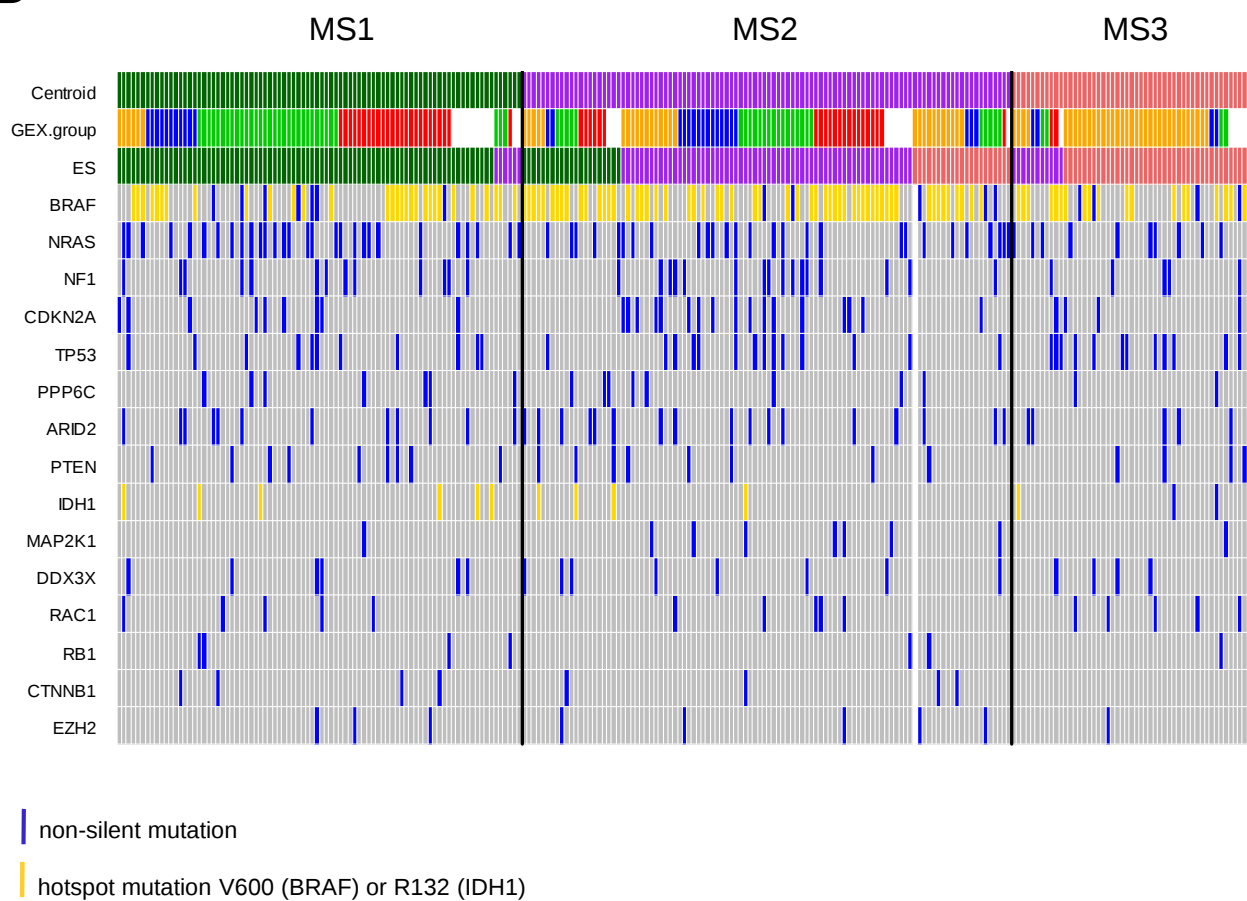


Supplementary Figure 5

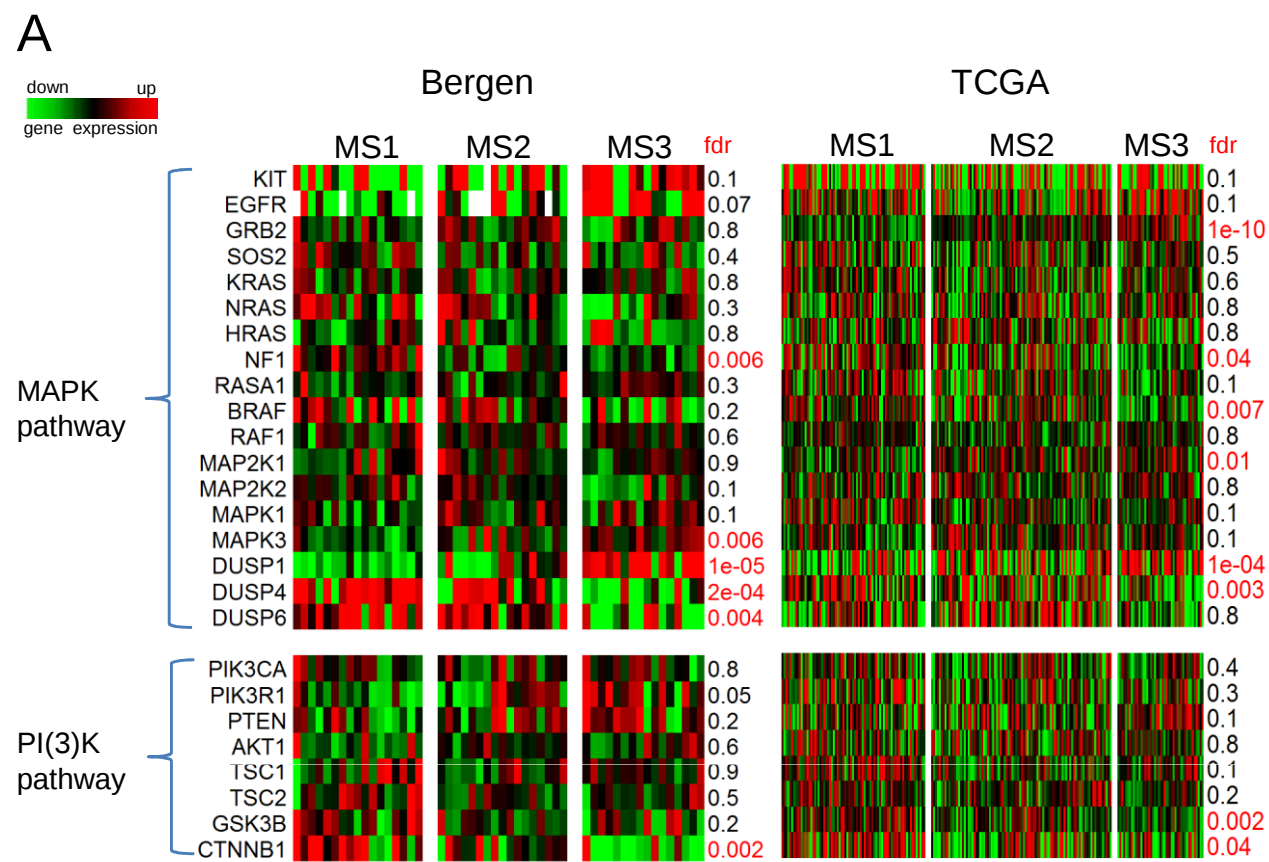
A



B



Supplementary Figure 6



B

Bergen, p = 0.0001

	MS1	MS2	MS3
Immune-high	0	6	9
Normal-like	0	0	3
Pigmentation	9	8	3
Proliferative	8	3	1

TCGA, p = 6x10⁻¹⁴

	MS1	MS2	MS3
Immune-high	6	28	35
Normal-like	11	18	4
Pigmentation	33	26	4
Proliferative	25	22	2