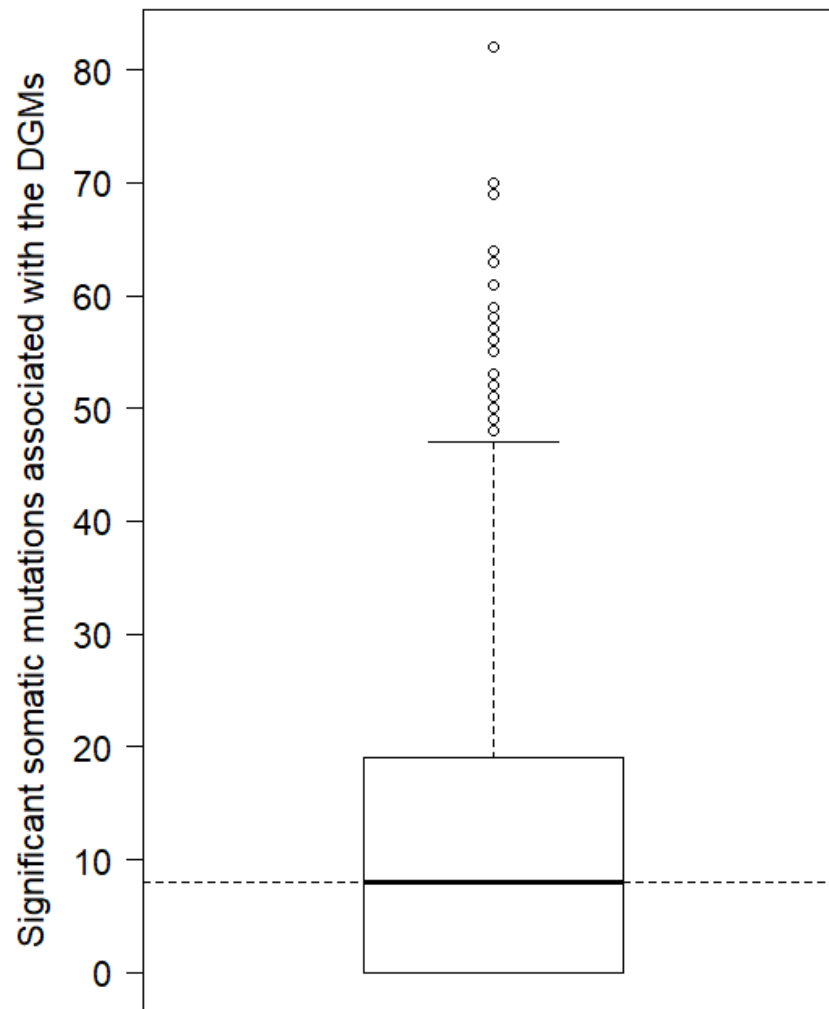
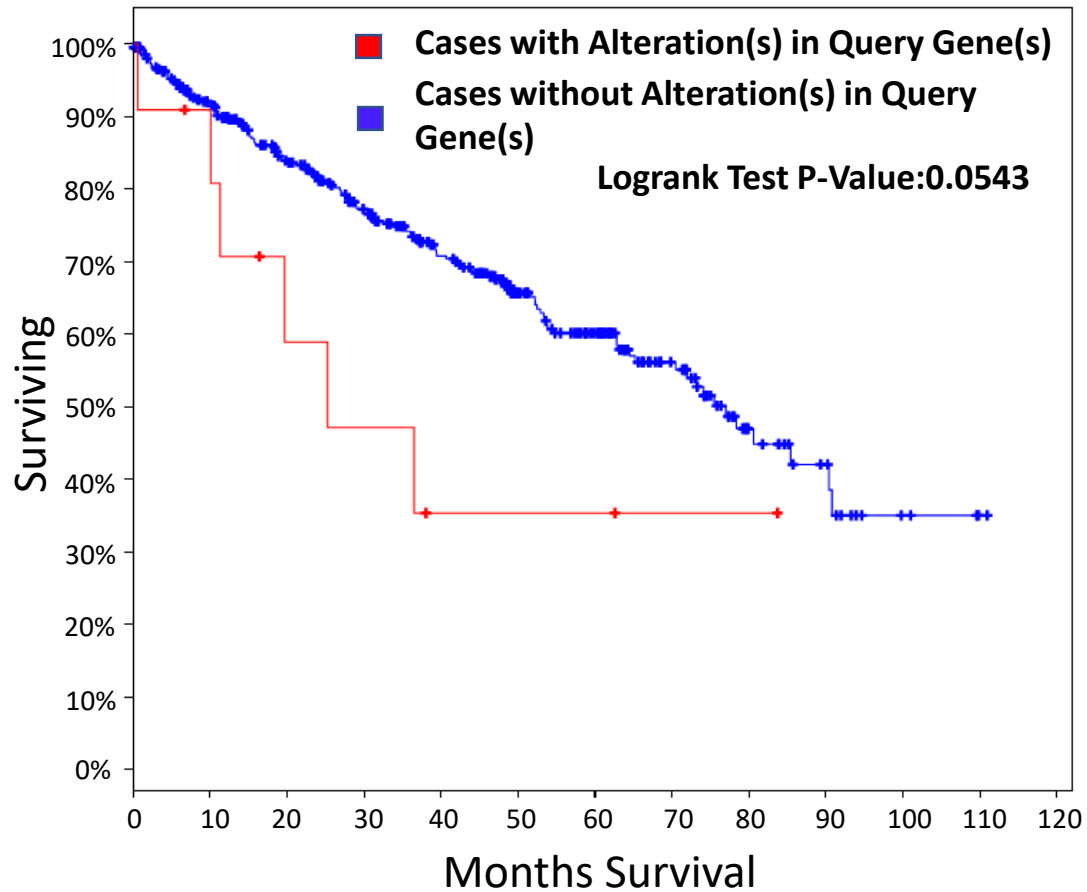


Supp. Figure 1. The volcano plots of the expression of four ccRCC data sets.



Supp. Figure 2 The box plot of the somatic mutations that were associated with the DGMs



	#total cases	#cases deceased	Median months survival
Cases with Alteration(s) in Query Gene(s)	11	6	25.27
Cases without Alteration(s) in Query Gene(s)	410	136	76.98

Supp. Figure 3 The survival analysis of patients with genetic mutations of NOD2, RRM1, CSRN1, SLC4A2, TLL1 and CNTN1