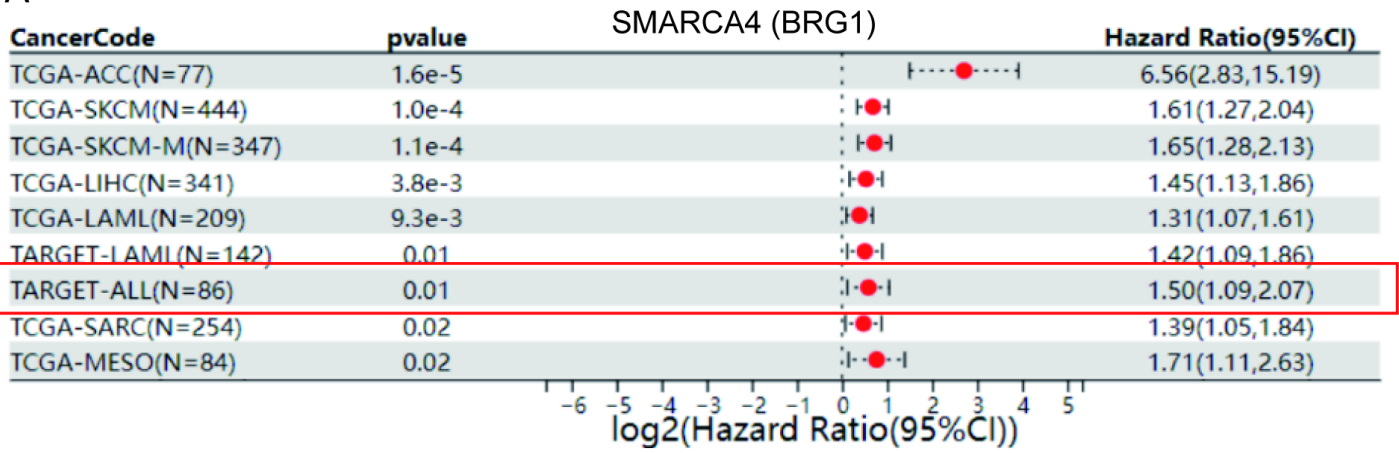
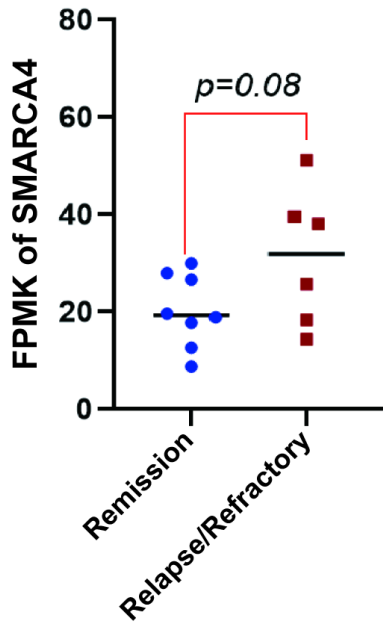


Supplementary Figure 1

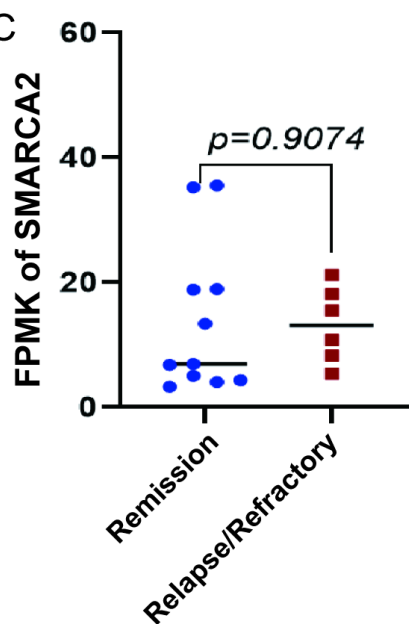
A



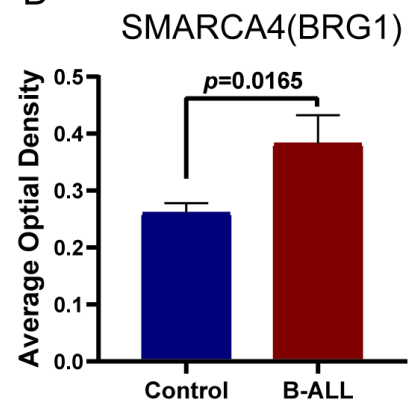
B



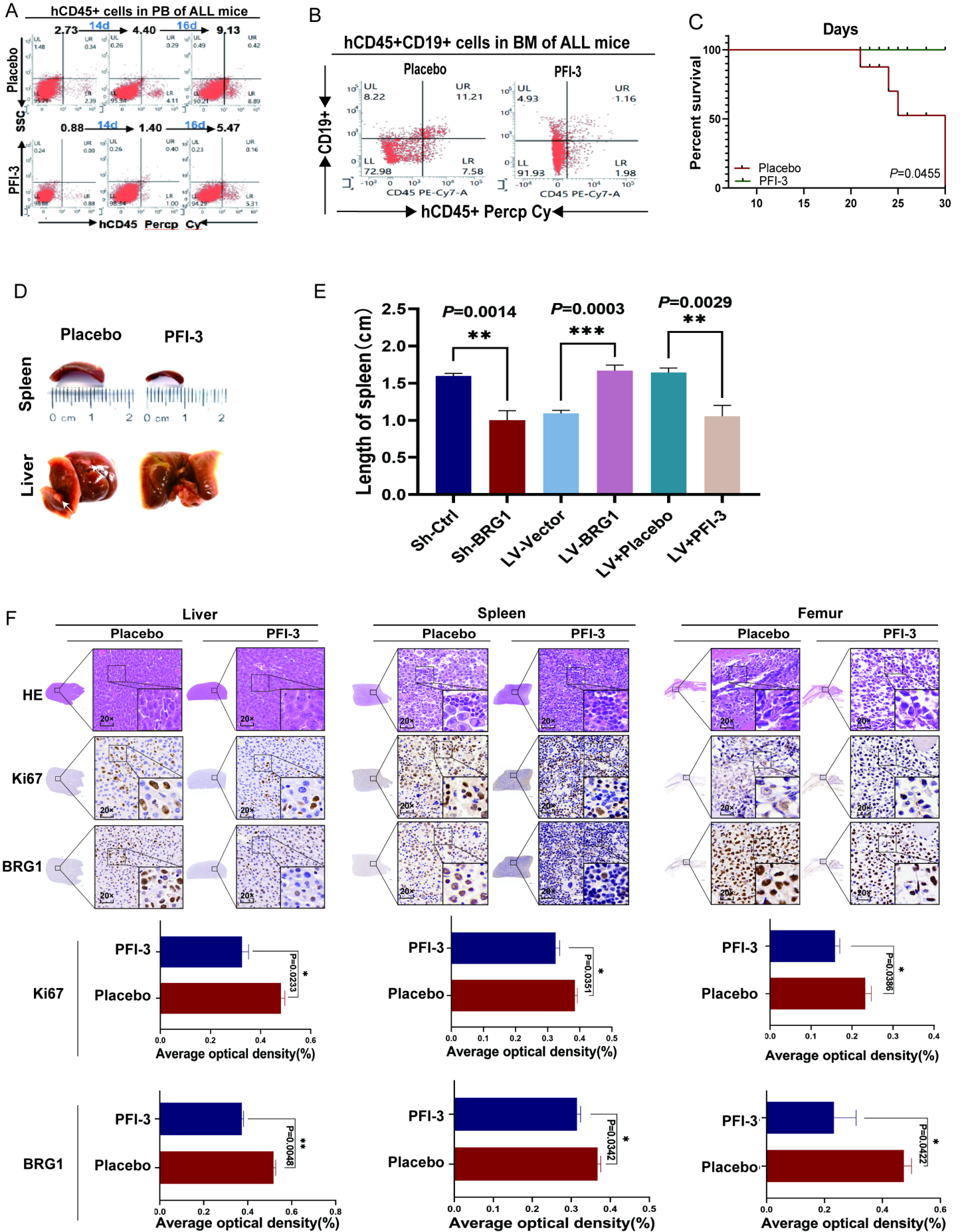
C



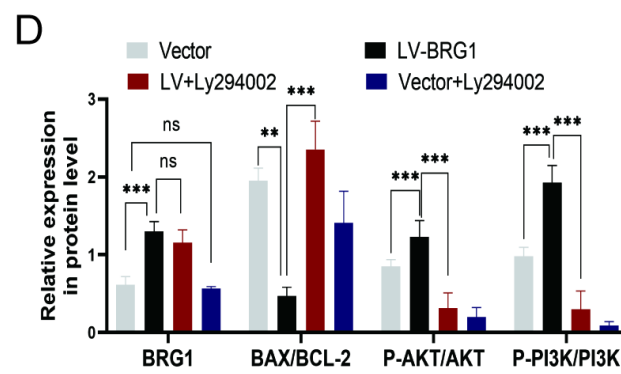
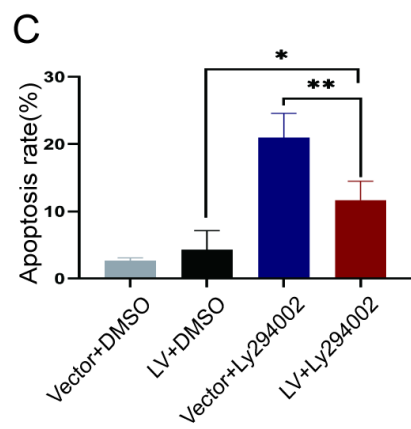
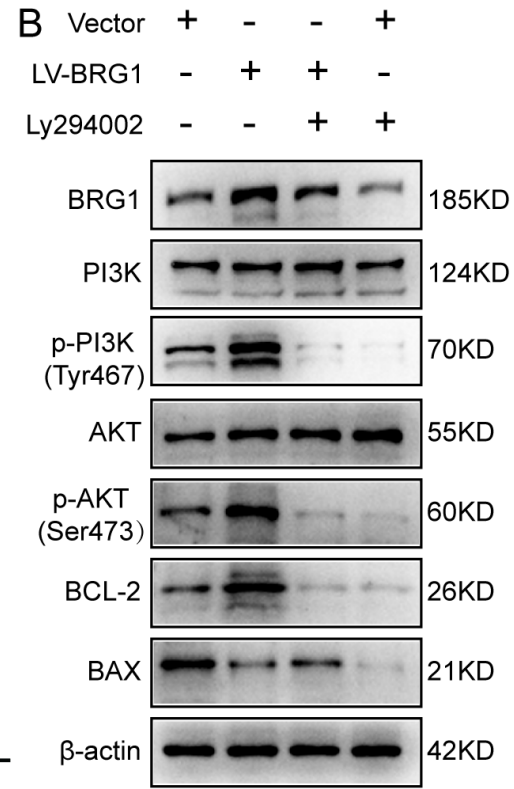
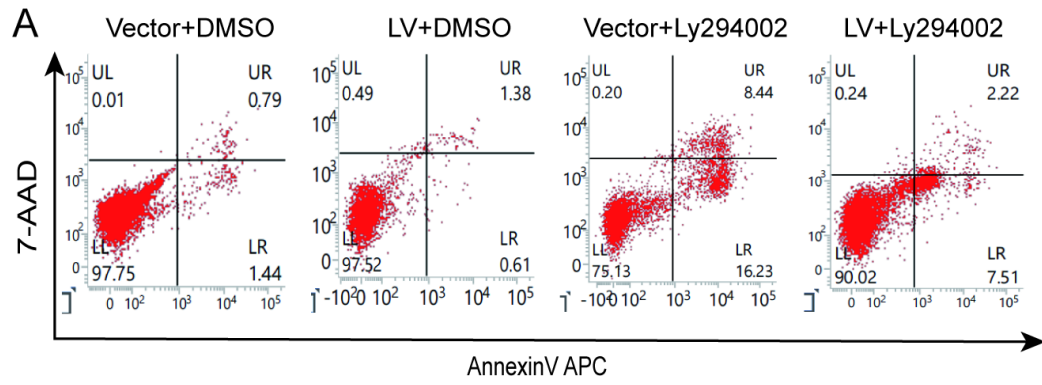
D



Supplementary Figure 2



Supplementary Figure 3

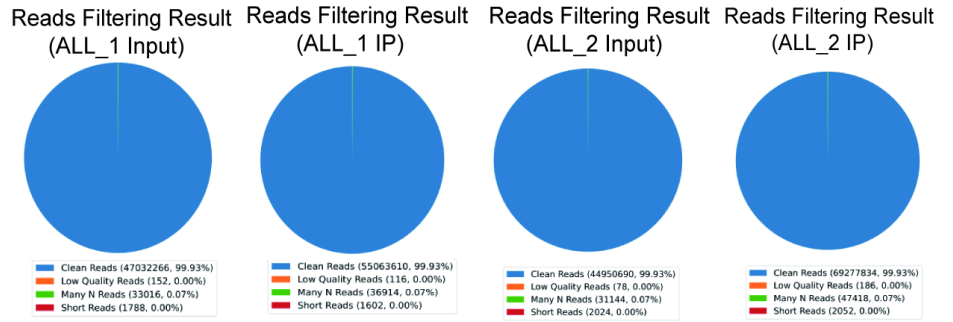


Supplementary Figure 4

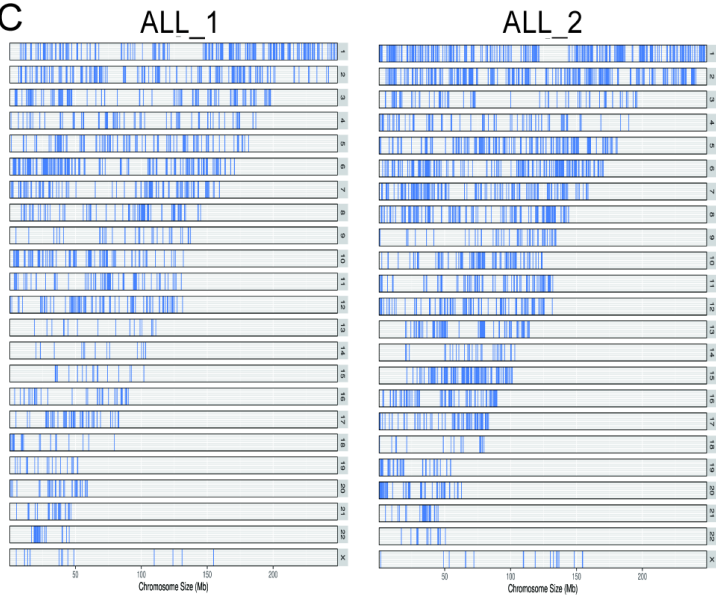
A

Sample	ALL_1_IP	ALL_2_IP	ALL_1_Input	ALL_2_Input
Raw_reads	60388450	58725318	46113258	54555812
Raw_bases(G)	9.06	8.81	6.92	8.18
Clean_reads	59847902	58230760	41563746	51926934
Clean_bases(G)	8.85	8.57	6.18	7.66
Clean_ratio	97.72%	97.32%	89.33%	93.61%
GC_content	41.83%	41.83%	47.99%	43.77%
Raw_Q20	98.07%	98.01%	95.45%	97.18%
Raw_Q30	94.31%	94.09%	89.65%	92.9%
Clean_Q20	98.38%	98.33%	97.75%	98.42%
Clean_Q30	94.87%	94.68%	93.51%	95.05%

B



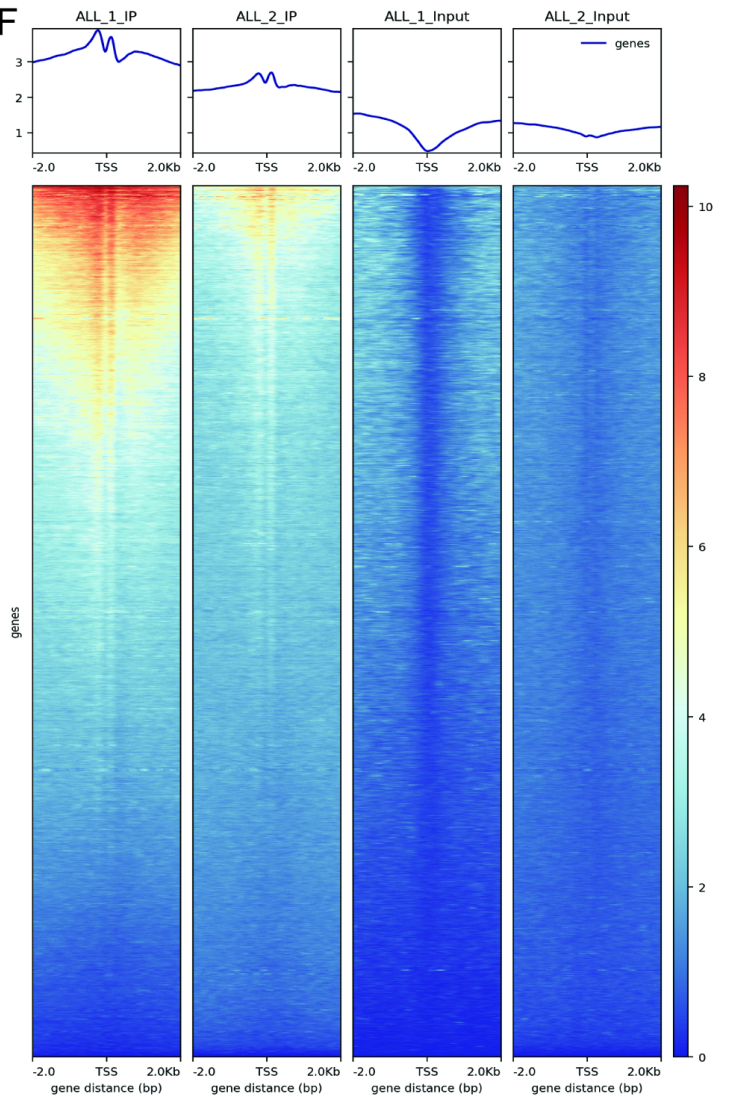
C



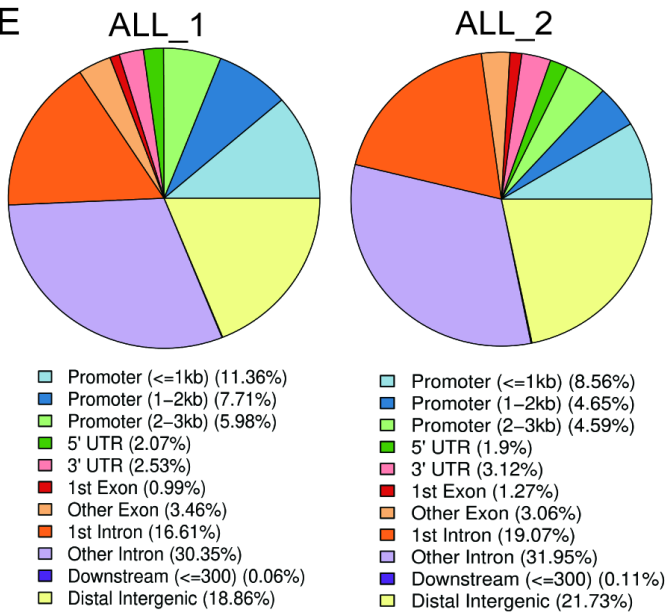
D

IP	Input/Mock	Fragment_length	Count_of_summits	Count_of_narrow_peak
ALL_1_IP	ALL_1_Input	183	4675	3522
ALL_2_IP	ALL_2_Input	174	4580	3956

F



E



Supplementary Figure 5

