

This paper related with summary of papers(research) and tumor of HCC patients. I often wondering the statement come from summary of research, or summary of patients when I was reading.

Page8, line 10. 370 patients with liver cancer. I am not sure the reference, or control. Later on about mRNA increase or decrease, it had come from comparison.

Page 8, line 28. HM450 beta value is same as beta value? You defined beta value, I didn't find definition HM450 beta value.

Page 8,line 29. (Spearman,  $r=-0.425$ ), It maybe fine to bioinformatics. In stat, statistic, p value, sample size were required to provided.

Page 9, line 1, (0.3-1.0), maybe(beta value 0.3-1.0)

Page 9, line 3. Expression pattern is vague to me. It could be a complex data structure. Spearman correlation coefficient usually come from two variables.