

**Table S1. Clinical Features of datasets**

<b>Clinical Features</b>	<b>TCGA-LIHC</b>	<b>GSE14520</b>	<b>HCCDB18</b>
<b>OS</b>			
Alive	235	136	168
Dead	130	85	35
<b>T Stage</b>			
T1	180		33
T2	91		96
T3	78		59
T4	13		15
TX	3		
<b>N Stage</b>			
N0	248		
N1	4		
NX	113		
<b>M Stage</b>			
M0	263		
M1	3		
MX	99		
<b>Stage</b>			
I	170	93	
II	84	77	
III	83	49	
IV	4	0	
X	24	2	
<b>Grade</b>			
G1	55		
G2	175		
G3	118		
G4	12		
GX	5		
<b>Gender</b>			
Male	119	191	153
Female	246	30	50
<b>Age</b>			
≤ 60	173	181	43
>60	192	40	160