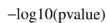


### Calcium ion binding



HR = 1.17 (1.02 - 1.33)  
logrank P = 0.021

Expression  
— low  
— high

Number at risk

| Time (months) | 0    | 50  | 100 | 150 | 200 | 250 |
|---------------|------|-----|-----|-----|-----|-----|
| low           | 1067 | 277 | 85  | 12  | 2   | 0   |
| high          | 1009 | 101 | 32  | 0   | 0   | 0   |

## HSPG2

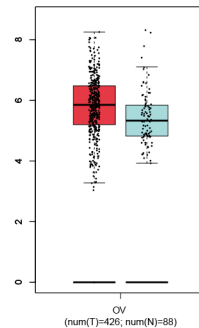


**Figure S5.** Prognosis and expression analysis of shared mutation hub gene. (A) GO analysis of 2547 shared mutant genes. (B) Kaplan Meier survival analysis of hub genes COL4A1, COL5A3, COL6A2, COL6A6, LAMA1, FBLN1 and HSPG2. (C) The differential expression of THBS2, COL14A1, COL11A1, COL4A1, COL5A3, COL6A2, COL6A6, LAMA1, FBLN1 and HSPG2 genes in ovarian cancer tissues and normal tissues.