

SUPPLEMENTARY TABLES

Supplementary Table 1. The siRNA sequence of PAG1.

| | |
|--------------------|------------------------|
| H55824-siPAG1-1-SS | CAUGCAGCAUUACGAGGAATT |
| H55824-siPAG1-1-as | UUCCUCGUA AUGCUGCAUGTT |
| H55824-siPAG1-2-ss | GCCUGAUUAUGAAGCGAUATT |
| H55824-siPAG1-2-as | UAUCGCUUCAUAAUCAGGCTT |
| H55824-siPAG1-3-ss | GCUAUGUACUCAUCAGUAATT |
| H55824-siPAG1-3-as | UUACUGAUGAGUACAUGCTT |

Supplementary Table 2. The HR and p values of the model genes.

| Gene symbol | HR | P value |
|--------------------|-----------|----------------|
| DNAJA4 | 2.402 | 0.014 |
| CHCHD10 | 1.593 | 0.041 |
| PAG1 | 2.626 | 0.001 |
| TFAP2C | 2.126 | 0.009 |
| NDUFA13 | 1.895 | 0.039 |
| SAMD4A | 2.051 | 0.012 |
| SRRM2 | 0.299 | 0.035 |
| CTSF | 0.148 | <0.001 |