**Supplementary table 2** The 9 hub genes with non-zero coefficients in the LASSO Cox proportional hazards regression model.

|  |  |  |
| --- | --- | --- |
| Probe | gene | Coefficient |
| 201137\_s\_at | HLA.DPB1 | -0.00987 |
| 201291\_s\_at | TOP2A | 0.057615 |
| 202345\_s\_at | FABP5 | 0.070558 |
| 202437\_s\_at | CYP1B1 | -0.02076 |
| 209374\_s\_at | IGHM | -0.05666 |
| 213008\_at | FANCI | 0.01564 |
| 213975\_s\_at | LYZ | -0.01653 |
| 221606\_s\_at | HMGN5 | 0.05666 |
| 231175\_at | BEND6 | -0.01576 |