|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Cross validation** | **Alpha=0** | **Alpha=0.2** | **Alpha=0.4** | **Alpha=0.8** | **Alpha=1.0** |
| **5-fold** | **2145 genes**：GAMT, …… | **14 genes**: GAMT, FOLR2, FOXS1, NKAIN4, BEX4,…… | **0 genes** | **0 genes** | **5 genes**: GAMT, FOLR2, FOXS1, NKAIN4, BEX4 |
| **10-fold** | **2145 genes**：GAMT, …… | **16 genes**:  GAMT, FOLR2, FOXS1, NKAIN4, BEX4,…… | **8 genes**: GAMT, RBP7, FOLR2, RASSF8, ARL4D, FOXS1, NKAIN4, BEX4 | **0 genes** | **5 genes**: GAMT, FOLR2, FOXS1, NKAIN4, BEX4 |
| **Survival analysis & correlation clustering filtering 10-fold** | - | - | - | - | **4 genes**: FMO2, ATP8A2, CPT1C, GAMT |