**Supplementary Table 3. Summary of the three reported HCC prognostic signatures**

|  |  |  |  |
| --- | --- | --- | --- |
| **Reference** | **Signature** | **Gene** | **Coefficient** |
| Zheng et al.21 | Cox proportional hazards model | *SPINK1 TXNRD1 LCAT PZP* | 0.06324  0.18856  -0.15727  -0.09800 |
| Qiao et al.20 | Random survival forests-variable hunting algorithm | *DCAF13 FAM163A LRP10 SGCB S100A9 GPR18 PVRIG TNNI3K* | 0.38900  0.20400  0.53300  0.22600  0.20200  -0.31100  -0.34500  -0.48000 |
| Kim et al.19 | Cox proportional hazards model | *ACSL5 ADH1B ADH6 ALDOA APOC3 AQP9 ARPC2 BPHL*  *C1orf115 C4BPB CDO1 CHI3L1 COBLL1 CRAT CRYL1 CTSC CXCR4 CYB5A CYP27A1 CYP2J2 CYP4F12 DDIT4 EPHX2 ETV5 F10*  *F3 F5 GJB1*  *GPHN* | -0.34900  -0.40100  -0.25800  0.22600  -0.29700  -0.26900  0.24200  -0.64500  -0.51900  -0.35300  -0.34700  -0.19500  -0.38900  -0.77200  -0.43900  0.03380  0.29600  -0.25500  -0.38000  -0.61300  -0.19800  0.30500  -0.38200  0.22800  -0.32500  0.78800  -0.31200  -0.42100  -0.52100 |

|  |  |  |  |
| --- | --- | --- | --- |
|  |  | *HN1 HNF4A IGFBP3 IQGAP1 IQGAP2 ITPR2 KHK LAMB1 LECT2 MST1 MTSS1 PAH PFKFB3 PKLR PKM2 PLG PLOD2 PPT1 RALA RGN RGS1 RGS2 RNASE4*  *SERPINA10 SERPINC1 SERPINF2 SFTPC SLC22A7 SLC2A2 SLC30A1 SLC38A1 SPHK1 SULT2A1 TBX3 TM4SF1 TSPAN3* | 0.41400  -0.56700  0.02520  0.34000  -0.53900  -0.63200  -0.51400  0.53000  -0.13800  -0.31200  -0.43500  -0.38100  0.52100  -0.38600  0.35800  -0.25600  0.09480  0.13400  0.87800  -0.39200  0.25500  0.26800  -0.25800  -0.39100  -0.22800  -0.35200  -0.26900  -0.47600  -0.38000  -0.33700  0.18400  0.35600  -0.35100  -0.29400  0.32100  0.41600 |