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

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| **Reference** | **Signature** | **Gene** | **Coefficient** |
| Zheng et al.21 | Cox proportional hazards model | *SPINK1 TXNRD1 LCAT PZP* | 0.063240.18856-0.15727-0.09800 |
| Qiao et al.20 | Random survival forests-variable hunting algorithm | *DCAF13 FAM163A LRP10 SGCB S100A9 GPR18 PVRIG TNNI3K* | 0.389000.204000.533000.226000.20200-0.31100-0.34500-0.48000 |
| 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* | -0.34900-0.40100-0.258000.22600-0.29700-0.269000.24200-0.64500-0.51900-0.35300-0.34700-0.19500-0.38900-0.77200-0.439000.033800.29600-0.25500-0.38000-0.61300-0.198000.30500-0.382000.22800-0.325000.78800-0.31200-0.42100-0.52100 |

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| --- | --- | --- | --- |
|  |  | *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* | 0.41400-0.567000.025200.34000-0.53900-0.63200-0.514000.53000-0.13800-0.31200-0.43500-0.381000.52100-0.386000.35800-0.256000.094800.134000.87800-0.392000.255000.26800-0.25800-0.39100-0.22800-0.35200-0.26900-0.47600-0.38000-0.337000.184000.35600-0.35100-0.294000.321000.41600 |