### Table S2. Survival analysis of YAP1 in different types of cancer using PrognoScan database

| Dataset       | Cancer type          | Endpoint                          | n  | In (HR-high/HR-low) | p    | In (HR) | HR (95% CI) |
|---------------|----------------------|-----------------------------------|----|---------------------|------|---------|-------------|
| GSE13507      | Bladder cancer       | Disease specific survival         | 165| -1.208              | 0.035| -0.346  | 0.71 (0.51−0.98) |
| GSE4412-GPL96 | Brain cancer         | Overall survival                  | 74 | 0.816               | 0.049| 0.462   | 1.59 (1.00−2.51) |
| GSE12276      | Breast cancer        | Relapse-free survival             | 204| 0.370               | 0.035| 0.235   | 1.26 (1.02−1.57) |
| GSE6532-GPL570| Breast cancer        | Distant metastasis free survival  | 87 | -0.955              | 0.026| -0.590  | 0.55 (0.33−0.93) |
| GSE6532-GPL570| Breast cancer        | Relapse-free survival             | 87 | -1.260              | 0.022| -0.596  | 0.55 (0.33−0.92) |
| GSE6532-GPL570| Breast cancer        | Distant metastasis free survival  | 87 | -1.260              | 0.022| -0.596  | 0.55 (0.33−0.92) |
| GSE9195       | Breast cancer        | Relapse-free survival             | 87 | -0.955              | 0.026| -0.590  | 0.55 (0.33−0.93) |
| GSE9195       | Breast cancer        | Distant metastasis free survival  | 87 | -0.858              | 0.024| -0.529  | 0.59 (0.37−0.93) |
| GSE11121      | Breast cancer        | Distant metastasis free survival  | 200| 1.268               | 0.002| 1.277   | 3.59 (1.57−8.19) |
| GSE1456-GPL97 | Breast cancer        | Overall survival                  | 159| -1.018              | 0.043| -0.707  | 0.49 (0.25−0.98) |
| GSE3494-GPL97 | Breast cancer        | Disease specific survival         | 236| -0.953              | 0.018| -0.744  | 0.48 (0.26−0.88) |
| GSE3494-GPL97 | Breast cancer        | Disease specific survival         | 236| -1.178              | 0.002| -0.871  | 0.42 (0.24−0.73) |
| GSE4922-GPL97 | Breast cancer        | Disease-free survival             | 249| -0.624              | 0.050| -0.526  | 0.59 (0.35−1.00) |
| GSE4922-GPL97 | Breast cancer        | Disease-free survival             | 249| -1.154              | 0.001| -0.762  | 0.47 (0.29−0.75) |
| GSE17536      | Colorectal cancer    | Overall survival                  | 177| 0.716               | 0.039| 0.598   | 1.82 (1.03−3.20) |
| GSE11595      | Esophagus cancer     | Overall survival                  | 34 | 1.145               | 0.030| 0.918   | 2.50 (1.09−5.72) |
| GSE31210      | Lung cancer          | Relapse-free survival             | 204| -1.209              | 0.001| -1.125  | 0.32 (0.16−0.64) |
| GSE3141       | Lung cancer          | Overall survival                  | 111| 0.792               | 0.045| 0.5811  | 1.79 (1.01−3.15) |

HR, hazard ratio; CI, confidence interval.