

S3 Table. Levels of markers in plasma of CA19-9-negative IDACP patients (all stages)

| Stage | CA19-9 (U/mL) | CEA (ng/mL) | DUPAN-2 (U/mL) | IGFBP2 (fmol/uL) | IGFBP3 (fmol/uL) |
|-------|------------------|----------------|-------------------|---------------------|---------------------|
| I | 8.8 | 1.1 | 24 | 26.02 | 107.79 |
| II | 11.8 | 2.4 | 24 | 13.90 | 152.52 |
| II | 11 | 1.4 | 24 | 27.78 | 92.56 |
| II | 20 | 1.7 | 24 | 7.48 | 161.74 |
| II | 25.9 | 1 | 40 | 15.07 | 130.11 |
| II | 23.3 | 2.9 | 24 | 34.55 | 100.35 |
| II | 35.6 | 2.4 | 24 | 31.90 | 58.35 |
| III | 8.3 | 34.8 | 1100 | 29.14 | 130.11 |
| III | 1.1 | 2 | 1601 | 10.27 | 112.47 |
| III | 13.2 | 1.1 | 24 | 16.17 | 128.87 |
| III | 0.9 | 8.2 | 1601 | 13.77 | 62.88 |
| IV | 0.9 | 3 | 620 | 30.88 | 73.69 |
| IV | 18.4 | 2.7 | 88 | 33.75 | 118.41 |
| IV | 32.4 | 3.6 | 28 | 23.53 | 110.29 |
| IV | 19.8 | 4 | 24 | 87.89 | 97.90 |
| IV | 24.7 | 8.2 | 1601 | 29.83 | 92.16 |
| IV | 12.1 | 12 | 1601 | 34.44 | 106.37 |
| IV | 0.9 | 1.3 | 1100 | 13.90 | 120.10 |
| IV | 29.7 | 23.7 | 1601 | 33.04 | 121.33 |
| IV | 0.9 | 168 | 1601 | 10.21 | 78.43 |
| IV | 18.9 | 3.6 | 1601 | 24.61 | 67.30 |
| IV | 31.5 | 1.8 | 1601 | 14.10 | 72.77 |
| IV | 2.7 | 7.2 | 1601 | 37.32 | 163.69 |