## Supplementary Information 3. KRAS Hot Spot Mutation in Entotic-CIC Positive PDAC

| KRAS mutation |      | Entotic-CIC |          |          |            | _       |
|---------------|------|-------------|----------|----------|------------|---------|
|               |      | Total       | Positive | Negative | % Positive | P-Value |
| Hotspot       | G12D | 213         | 28       | 185      | 13.1%      | 0.501   |
|               | G12V | 166         | 27       | 139      | 16.3%      |         |
| Others        |      | 113         | 13       | 100      | 11.5%      |         |

P-value was calculated with Fisher's exact test, two-sided.