**Table S1. Clinical characteristics of patients for NETs analysis of primary tumour site (n=16)**

| Characteristics | N(%) |
| --- | --- |
| Average age | 61.5 |
| Male/female | 11/5 |
| Primary site | |
| left-sided colon | 7(44) |
| right-sided colon | 8(50) |
| rectum | 1(6) |
| Tumor stage | |
| T1 | 2(13) |
| T2 | 5(31) |
| T3 | 4(25) |
| T4 | 5(31) |
| lymph node status | |
| N0 | 3(19) |
| N1 | 7(44) |
| N2 | 5(31) |
| Liver metastasis | |
| None | 10(63) |
| Yes | 6(38) |

**Table S2. Clinical characteristics of patients for sera MPO-DNA detection (n=41)**

| Characteristics | N(%) |
| --- | --- |
| Average age | 66.2 |
| Male/female | 29/12 |
| Primary site | |
|     left-sided colon | 21(51) |
|     right-sided colon | 14(34) |
|     rectum | 6(15) |
| Liver metastasis | |
|     None | 26(63) |
|     Yes | 15(37) |

**Table S3. Clinical characteristics of patients for NETs detection in paired primary site and liver metastasis(n=10)**

| | Age | Gender | Primary tumor | | | Liver metastasis | |
|---|---|---|---|---|---|---|---|
| | | | Location[a] | T stage | N status | Lesion>3 | Largest lesion>5cm |
| Pt1 | 65 | M | 1 | T3 | N1 | y | n |
| Pt2 | 53 | M | 1 | T3 | N1 | y | n |
| Pt3 | 59 | F | 2 | T4 | N2 | n | n |
| Pt4 | 67 | M | 1 | T2 | N1 | n | n |
| Pt5 | 61 | F | 2 | T4 | N1 | y | y |
| Pt6 | 72 | M | 3 | T4 | N2 | y | y |
| Pt7 | 49 | M | 2 | T3 | N1 | n | n |
| Pt8 | 55 | M | 1 | T2 | N1 | n | n |
| Pt9 | 58 | F | 3 | T4 | N2 | n | y |
| Pt10 | 60 | M | 2 | T4 | N2 | n | y |

a:1:left-sided, 2:right-sided 3:rectum

y: yes n: no

**Table S4. Clinical characteristics of patients for NETs analysis of primary liver cancer (HCC, n=10)**

| Characteristics | N(%) |
|---|---|
| Average age | 65.5 |
| Male/female | 7/3 |
| HBsAg | |
|   Negative | 4/40 |
|   Positive | 6/60 |
| Liver cirrhosis | |
|   No | 5/50 |
|   Yes | 5/50 |
| Tumor size | |
|   ≤ 5cm | 7/70 |
|   ＞ 5cm | 3/30 |
| Tumor number | |
|   Single | 9/90 |
|   Multiple | 1/10 |
| Tumor encapsulation | |
|   None | 7/70 |
|   Complete | 3/30 |
| Vascular invasion | |
|   No | 6/60 |
|   Yes | 4/40 |

**Table S5. Real-time PCR primers used in the study**

| Primers | Seqeunces (5'-3') |
| --- | --- |
| IL-8 | F-CTCCAGCCACACTCCAACAGA |
| | R-CACCCTAACACAAAACACGAT |
| IL-6 | F-CCACGGCCTTCCCTACTTC |
| | R-CTGTTGGGAGTGGTATCCTCTGT |
| TNF-α | F-GACGTGGAACTGGCAGAAGAG |
| | R-TCGGACAAGCAGGAATGAGA |
| IL-10 | F-AGCCTTGCAGAAAAGAGAGC |
| | R-TGGAGTCCAGCAGACTCAAT |
| IL-1β | F-CTAAAGTATGGGCTGGACTG |
| | R-AGCTTCAATGAAAGACCTCA |
| IL-4 | F-AAGCAAAAAGCCAGCAGCAGCC |
| | R-ACAAAGTTTCAGCATAGGAAATTAC |
| MCP-1 | F-TAGGGAAGTTCCACAAAGTTAAAAAC |
| | R-GCCACACCAGCACACAGAAG |