

## Description of Additional Supplementary Files

**File name:** Supplementary Data 1

**Description:** Patients for IHC, Related to Figure 1.

**File name:** Supplementary Data 2

**Description:** MS, Related to Figure 4.

**File name:** Supplementary Data 3

**Description:** RNA-seq, Related to Figure 6.

**File name:** Supplementary Data 4

**Description:** Source data.