DEPDC1 is required for cell cycle progression and motility in nasopharyngeal carcinoma

SUPPLEMENTARY MATERIALS

Supplementary Figure 1: DEPDC1 stable knockdown inhibits proliferation and cell cycle progression.
Supplementary Figure 2: DEPDC1 stable knockdown reduces migration and invasion.
Supplementary Figure 3: DEPDC1 stable knockdown causes dysregulation of multiple downstream genes.
## Supplementary Table 1: Correlation of clinicopathologic parameters with DEPDC1 expression

| Pathological variables          | Sample no. | DEPDC1 IHC staining (%) | P value |
|---------------------------------|------------|-------------------------|---------|
|                                 |            | Negative                | Positive|         |
| Pathological types              |            |                         |         |         |
| Normal nasal tissues            | 2          | 2(100)                  | 0(0)    |         |
| Polyp                           | 12         | 12(100)                 | 0(0)    |         |
| Chronic hyperplasia             | 6          | 4(66.7)                 | 2(33.3) |         |
| Chronic inflammation            | 6          | 2(33.3)                 | 4(66.7) |         |
| Papilloma                       | 30         | 5(16.7)                 | 25(83.3)|         |
| NPC tissues                     | 44         | 18(41)                  | 26(59)  |         |
| NPC vs Non tumor†               |            |                         |         |         |
| Non-tumor tissues               | 26         | 19 (73)                 | 7 (27)  | 0.018*  |
| NPC tissues                     | 44         | 18(41)                  | 26(59)  |         |
| Age(years)                      |            |                         |         |         |
| <60                             | 72         | 32(44.4)                | 40 (55.6)| 0.810  |
| ≥60                             | 28         | 10(35.7)                | 18(64.3)|         |
| Sex                             |            |                         |         |         |
| Male                            | 80         | 48(60)                  | 32(40)  | 0.382   |
| Female                          | 20         | 9(45)                   | 11(55)  |         |
| Tumor size                      |            |                         |         |         |
| T1                              | 6          | 0(0)                    | 6(100)  | 0.336   |
| T2                              | 16         | 7(43.8)                 | 9(56.2) |         |
| T3                              | 6          | 4(66.7)                 | 2(33.3) |         |

†Non-tumor tissues include normal nasal tissues, polyp, chronic hyperplasia, chronic inflammation.
Supplementary Table 2: NPC tissue microarray information (No. TC0075).

See Supplementary File 1

Supplementary Table 3: Oligonucleotides used in the present study.

See Supplementary File 2

Supplementary Table 4: Antibodies used in the present study.

See Supplementary File 3