

Supplementary material

**DIFFERENTIAL FUCOSYLTRANSFERASE IV EXPRESSION
IN SQUAMOUS CARCINOMA CELLS IS REGULATED
BY PROMOTER METHYLATION**

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Supplemental Table: Conditions and primers of routine RT-PCR, real-time PCR, MSP and BSP

| | Denaturation | Cycles | Extension | Primers |
|---------------------|----------------|---|-----------------|--|
| FUT4 (RT-PCR) | 94°C, 4 min | 28 cycles 94°C, 58°C, 72°C, 50 s 50 s 50 s | 72°C, 10 min | F: 5'-CGGACGTCTTTGTGCCTTAT-3' R: 5'-CGAGGAAAAGCAGGTACGAG-3' |
| β-actin (RT-PCR) | 94°C, 4 min | 24 cycles 94°C, 58°C, 72°C, 50 s 50 s 50 s | 72°C, 10 min | F: 5'-ATCTGGCACCACACCTTCTACAATGAGCTGCG-3' R: 5'-CGTCATACTCCTGCCTGCTGATCCACATCTGC-3' |
| FUT4 (qPCR) | 95°C, 30 s | 45 cycles 95°C, 60°C, 5 s 10 s | | F: 5'-CTCAGGCCGTGCTTTTCCA-3' R: 5'-GTAGTCCAACACGCGCAGAT-3' |
| GAPDH (qPCR) | 95°C, 30 s | 45 cycles 95°C, 60°C, 5 s 10 s | | F: 5'-ATGGGGAAGGTGAAGGTCG-3' R: 5'-GGGGTCATTGATGGCAACAATA-3' |
| MSP M pair | 94°C, 5 min | 35 cycles 94°C, 48°C, 72°C, 30 s 1 min 30 s | 72°C, 10 min | F: 5'-CGGGTTGTTTTATAATTCGATC-3' R: 5'-AATAACGTCGACTTCCTACCGT-3' |
| U pair | 94°C, 5 min | 35 cycles 94°C, 45°C, 72°C, 30 s 1 min 30 s | 72°C, 10 min | F: 5'-TGGGTTGTTTTATAATTTGATTGT-3' R: 5'-AAAATAACATCAACTTCCTACCATT-3' |
| BSP | 94°C, 5 min | 35 cycles 94°C, 48°C, 72°C, 30 s 1 min 30 s | 72°C, 10 min | F: 5'-TTAAATGTAGAGATTTTGAAGGTTA-3' R: 5'-CAAAAACAAACCCTAAAACAAAC-3' |