**Supplementary File 3**

**Knockdown TAp63 expression1 enhances UV- and H2O2-DNA damage2 induced mutations3 in NMIBC (RT4) cells.**

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| --- | --- | --- | --- |
| Cell Type | Treatment | Mutant colonies /Total colonies | Mutation Frequency (X104) |
| RT4 | Control | 2/9521 | 2.1 |
| UV | 20/5293 | 37.8 |
| H2O2 | 25/5231 | 47.8 |
| RT4 TAp63 miRNAi | Control | 10/36352 | 2.8 |
| UV | 148/9196 | 160.9 |
| H2O2 | 106/8352 | 126.9 |

1 The stable transfectants were constructed as described in **Fig. 2.**

2 Plasmid pSB189 DNAs which contain the *supF* gene were irradiated with UVC (1500 J/m2) or modified with H2O2 (100 mM, 1 h at 37 oC).

3 Mutations in the *supF* gene were detected as in **Fig. 1**.