**Supplementary Table 3 the mRNA expression of intrinsic apoptosis-associated genes with different levels of iodine exposure**

**(mean±SD)**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Gene | IF | | |  | IA | | |  | IE | | |
| Control | Case | *P* value |  | Control | Case | *P* value |  | Control | Case | *P* value |
| YWHAG | 1.004 ± 0.138 | 0.616 ± 0.212 | **<0.001**\*\* |  | 1.002 ± 0.008 | 0.619 ± 0.175 | **<0.001**\*\* |  | 1.003 ± 0.008 | 0.573 ± 0.188 | **<0.001**\*\* |
| BRSK2 | 0.999 ± 0.352 | 0.631 ± 0.265 | **<0.001**\*\* |  | 1.024 ± 0.052 | 0.545 ± 0.218 | **<0.001**\*\* |  | 1.008 ± 0.030 | 0.602 ± 0.232 | **<0.001**\*\* |
| ING4 | 1.006 ± 0.036 | 1.483 ± 0.569 | **<0.001**\*\* |  | 1.008 ± 0.308 | 1.418 ± 0.589 | **<0.001**\*\* |  | 0.968 ± 0.006 | 1.270 ± 0.471 | **<0.001**\*\* |

IF, iodine-fortification; IA, iodine-adequate; IE, iodine-excessive;\*\*P<0.01.