Supplementary Table 2. Summary of results concerning associations between *PDCD1* polymorphisms and risk of different types of cancers.

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| --- | --- |
| **Cancer** | ***PD1* polymorphisms** |
| ***PD-1.1 rs36084323G>A*** | ***PD-1.3 rs11568821G>A*** | ***PD-1.5******rs2227981C>T*** | ***PD-1.6 rs10204525A>G*** | ***PD-1.9 rs2227982C>T*** | ***rs7421861T>C*** | ***rs41386349C>T*** |
| **Overall cancer risk** | AA↑ in Asian [1] | A+↓ [2]GA ↓ [3, 4] | TT↓ [2-5] | no association | no association | C+↑ [2] | no data |
| **Breast cancer** | A+↑ [6] | no association | Inconsistent results (T+↓ [2, 5, 6];no association [7]) | no association | Inconsistent results (no association [6];T+↓ [2, 8]) | no association | no data |
| **Cervical cancer** | no data | no data | TT↓ [9]CT ↑ [10]no association [11] | no data | no data | no data | no data |
| **Ovarian cancer** | AA↑ [12] | no data | T+↓ [12] | no data | T+↑ [13] | no data | no data |
| **Lung cancer** | no association | no association | Inconsistent results (T+↓ [2]; no association [14, 15]) | no data | no association | no data | no data |
| **Gastrointestinal cancer** | no data | no data | TT↓ [2] | no data | T+↑ [2] | C+↑ [2] | no data |
| **Esophageal squamous cell carcinoma** | no association | no data | no data | Inconsistent results (GG↓ [16, 17];G+↑ [18]) | T+↑ in females [17] | Inconsistent results (CC↓ [18]; no association [16] | no data |
| **Esophagogastric junction adenocarcinoma** | A+↑ [19] | no data | no data | no association | T+↑ [19] | C+↑[19] | no data |
| **Gastric cancer** | no data | no data | T+↑ [20] | no association | T+↑ [21] among ever drinking cases | no association | no data |
| **Colorectal cancer** | A+↓ [22]only in colon cancer | AA↑ [23] | CT↑ [24] only in colon cancer | no association | no association | C+↑ [25] | no data |
| **Hepatocellular cancer** | no data | no association | no data | G↓ [26] | no data | no data | no data |
| **Hematological malignances** | no association | no association | no association | no data | no association(CT↓ [27]in leukemia) | no data | no association |
| **Thyroid cancer** | no data | no association | T+↑ [28] | no data | no data | no data | no data |
| **Head and Neck Squamous Cell Carcinomas** | no data | no association | no association | no data | no association | no data | no data |
| **Brain tumor** | no data | no association | T+↑ [29] | no data | no data | no data | no association |
| **Cutaneous melanoma** | no association | no data | no association | no data | no association | no data | no data |
| **Basal cell carcinoma** | no data | A+↓ [30] | no association | no data | no data | no data | no data |

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