SUPPLEMENTARY Material

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| Supplementary Table 1.Frequency distribution of selected characteristics in neuroblastoma cases and cancer-free controls. |
| **Variables** | **Combined subjects** | **Hunan province** |
| **Cases (n=700)** | **Controls (n=1516)** | ***P*a** | **Cases (n=162)** | **Controls (n=270)** | ***P*a** |
| **No.** | **%** | **No.** | **%** | **No.** | **%** | **No.** | **%** |
| Age range, month | 0.00–132.00 | 0.004–156.00 | 0.525 | 0.033–130.00 | 0.033–101.00 | 0.322 |
| Mean ± SD | 33.17±28.14 | 30.67±25.20 |  | 34.56±30.30 | 27.81±19.83 |  |
| ≤18 | 274 | 39.14 | 615 | 40.57 |  | 69 | 42.59 | 102 | 37.78 |  |
| >18 | 426 | 60.86 | 901 | 59.43 |  | 93 | 57.41 | 168 | 62.22 |  |
| Gender |  |  |  |  | 0.796 |  |  |  |  | 0.842 |
| Female | 307 | 43.86 | 656 | 43.27 |  | 79 | 48.77 | 129 | 47.78 |  |
| Male | 393 | 56.14 | 860 | 56.73 |  | 83 | 51.23 | 141 | 52.22 |  |
| INSS stages |  |  |  |  |  |  |  |  |  |  |
| I | 216 | 30.86 | / | / |  | 48 | 29.63 | / | / |  |
| II | 129 | 18.43 | / | / |  | 22 | 13.58 | / | / |  |
| III | 134 | 19.14 | / | / |  | 54 | 33.33 | / | / |  |
| IV | 196 | 28.00 | / | / |  | 37 | 22.84 | / | / |  |
| 4s | 16 | 2.29 | / | / |  | 1 | 0.62 | / | / |  |
| NA | 9 | 1.29 | / | / |  | / | / | / | / |  |
| Sites of origin |  |  |  |  |  |  |  |  |  |  |
| Adrenal gland | 215 | 30.71 | / | / |  | 31 | 19.14 | / | / |  |
| Retroperitoneal region | 240 | 34.29 | / | / |  | 78 | 48.15 | / | / |  |
| Mediastinum | 177 | 25.29 | / | / |  | 36 | 22.22 | / | / |  |
| Other region | 60 | 8.57 | / | / |  | 17 | 10.49 | / | / |  |
| NA | 8 | 1.14 |  |  |  | / | / | / | / |  |
| SD, standard deviation; NA, not available.aTwo-sided χ2test comparing distributions between neuroblastoma cases and cancer-free controls. |