**Table 1. Characteristics of eligible studies considered in the report**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author** | **Sample**  **Type** | **Age**a | **Stage**  **I%** | **Stage**  **(I+II)%** | **Gender**  **Ratio** | **Patients**  **(M/T)** | **Control**  **(M/T)** | **Methods** | **Aim** | **Multipletarget** | **Control design** | **Ad%** | **primer set** |
| Dong et al | tissue | 63 | 0.579545455 | 0.761363636 | 0.795454545 | 26/88 | 7/88 | MSP | Non-Diagnosis | Multi | hom | 0.397727273 | 1 |
| Feng et al | tissue | 64.3 | 0.428571429 | 0.775510204 | 0.530612245 | 28/49 | 1/49 | qMSP | Non-Diagnosis | Multi | hom | 0.588235294 | 1 |
| Hanabata et al | tissue | NA | 0.685714286 | 0.842857143 | 0.628571429 | 26/70 | 2/30 | MSP | Non-Diagnosis | Multi | hom | 0.685714286 | 1 |
| Hsu et al | plasma | 66.81 | NA | 0.650793651 | NA | 21/63 | 6/36 | MSP | Diagnosis | Multi | heter | NA | 2 |
| Hsu et al | tissue | 66.81 | NA | 0.650793651 | NA | 28/63 | 10/63 | MSP | Diagnosis | Multi | hom | 0.759259259 | 1 |
| Jin et al | tissue | 66.7 | NA | NA | 0.708333333 | 25/72 | 2/63 | qMSP | Non-Diagnosis | Multi | hom | 0.651515152 | 1 |
| Nikolaidis et al | tissue | 65.58 | NA | 0.770833333 | 0.520833333 | 11/48 | 0/48 | qMSP | Diagnosis | Multi | hom | 0.5 | 3 |
| Toyooka et al | tissue | NA | NA | NA | NA | 18/42 | 2/25 | MSP | Non-Diagnosis | Single | hom | 0.738095238 | 1 |
| Toyooka et al | tissue | 63 | NA | NA | 0.690661479 | 180/514 | 5/84 | MSP | Non-Diagnosis | Multi | hom | 0.606490872 | 1 |
| Tsou et al | tissue | NA | NA | NA | NA | 37/51 | 24/49 | qMSP | Diagnosis | Multi | both | 1 | 2 |
| Ulivi et al | serum | 70 | 0.557377049 | 0.721311475 | 0.803278689 | 14/61 | 0/15 | qMSP | Diagnosis | Multi | heter | 0.692307692 | 1 |
| Wang et al | tissue | NA | NA | NA | 0.607142857 | 15/28 | 3/12 | MSP | Diagnosis | Multi | hom | 0.681818182 | 2 |
| Zhai et al | serum | 62.39 | 0.095238095 | 0.142857143 | 0.761904762 | 23/42 | 0/40 | MSP | Non-Diagnosis | Multi | heter | 0.761904762 | 1 |
| Zhang et al | plasma | 59 | 0.320512821 | 0.743589744 | 0.743589744 | 37/110 | 2/50 | MSP | Non-Diagnosis | Multi | heter | NA |  |
| Zhang et al | tissue | 59 | 0.320512821 | 0.743589744 | 0.743589744 | 38/78 | 8/78 | MSP | Non-Diagnosis | Multi | hom | 0.454545455 |  |

amean or median age from articles; bwith two records since there are Tissue and serum data simultaneously in this article. M and T means methylation positive and total, respectively.