**Supplementary Table 2.** Genotype, allele distributions and HWE test for SNPs in 70 patients diagnosed with NSCLC

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Gene** | **SNP Id** | **Genotype frequency (%)** | | | **Allele frequency** | | **HWE** |
| ***PD-L1*** |  | **TT** | **TC** | **CC** | **T** | **C** |  |
| rs76805387 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **AA** | **AG** | **GG** | **A** | **G** |  |
| rs4742098 | 41 (58.6) | 22 (31.4) | 7 (10) | 0.7 | 0.2 | 2.2 |
|  | **AA** | **AG** | **GG** | **A** | **G** |  |
| rs147946526 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **GG** | **GT** | **TT** | **A** | **G** |  |
| rs10217310 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **GG** | **GA** | **AA** | **G** | **A** |  |
| rs7864231 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **CC** | **CT** | **TT** | **C** | **T** |  |
| rs41280725 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  |  | **AA** | **AG** | **GG** | **A** | **G** |  |
| rs573692330 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **GG** | **GA** | **AA** | **A** | **G** |  |
| rs1011769981 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **TT** | **TC** | **CC** | **T** | **C** |  |
| rs41280723 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **TT** | **TC** | **CC** | **T** | **C** |  |
| rs138135676 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **GG** | **GC** | **CC** | **G** | **C** |  |
| rs4143815 | 36 (51.4) | 27 (38.6) | 7 (10) | 0.7 | 0.2 | 0.3 |
|  | **GG** | **GA** | **AA** | **G** | **A** |  |
| rs2297136 | 13 (18.6) | 26 (37.1) | 31 (44.3) | 0.3 | 0.6 | 2.9 |
|  | **GG** | **GA** | **AA** | **G** | **A** |  |
| rs148242519 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **CC** | **CT** | **TT** | **C** | **T** |  |
| rs41303227 | 70 (100) | 0 (0) | 0 (0) | 1 | 0 | monomorphic |
|  | **GG** | **GA** | **AA** | **G** | **A** |  |
| rs7041009 | 37 (52.9) | 26 (37.1) | 7 (10) | 0.7 | 0.2 | 0.5 |

Abbreviations: *PD-L1*, programmed death-ligand 1; SNPs, single nucleotide polymorphisms; HWE, Hardy-Weinberg equilibrium