

Supplementary Table 1. The sequences of primers.

Gene	Forward (5'-3')	Reverse (5'-3')
IL-2	AGAACTCAAACCTCTGGAGGAAG	GCTGTCTCATCAGCATATTCACAC
PD-L1	CCATACAGCTGAATTGGTCATC	CAGAATTACCAAGTGAGTCCTTTCA
HLA-A	GTGGCCTCATGGTCAGAGAT	GCAGTTGAGAGCCTACCTGG
HLA-B	GTGATCTCCGCAGGGTAGAA	TCCGCAGATACCTGGAGAAC
HLA-C	TGATCTCCGCAGGGTAGAAG	CAGATACCTGGAGAACGGGA
β -Actin	CACCATTGGCAATGAGCGGTTC	AGGTCTTTGCGGATGTCCACGT