

Mitochondrial DNA mutations drive aerobic glycolysis to enhance checkpoint blockade response in melanoma

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Supplementary Table 1. PCR primer sequences.

Use	Orientation	Sequence
Long Range PCR	Forward 1	5'-ACTGATATTACTATCCCTAGGAGG-3'
Long Range PCR	Reverse 1	5'-TTTGAGTAGAACCCTGTTAGG-3'
Long Range PCR	Forward 2	5'-GGCCTGATAATAGTGACGC-3'
Long Range PCR	Reverse 2	5'-GGTTGGGTTTAGTTTTTGTGG-3'
PyroMark PCR of m.12,436	Forward	5'-ATATTCTCCAACAACAACG-3'
PyroMark PCR of m.12,436	Reverse	5'- biotin -GTTATTATTAGTCGTGAGG-3'
PyroMark PCR of m.12,436	Sequencing	5'-TTGGCCTCCACCCAT-3'
PyroMark PCR of m.11,944	Forward	5'-CTTCATTATTAGCCTCTTAC-3'
PyroMark PCR of m.11,944	Reverse	5'- biotin -GTCTGAGTGTATATATCATG-3'
PyroMark PCR of m.11,944	Sequencing	5'-TAATTACAACCTGGCACT-3'
ddPCR - mt-Nd5	Forward	5'-TGCCTAGTAATCGGAAGCCTCGC-3'
ddPCR - mt-Nd5	Reverse	5'-TCAGGCGTTGGTGTTCAGG-3'
ddPCR – VDAC1	Forward	5'-CTCCCACATACGCCGATCTT-3'
ddPCR – VDAC1	Reverse	5'-GCCGTAGCCCTTGGTGAAG-3'
LbNOX Cloning	Forward	5'-GGTGGTGCTAGCCGCATGAAGGTCACCG-3'
mitoLbNOX Cloning	Forward	5'-GGTGGTGCTAGCCGCATGCTCGCTACAAG-3'
LbNOX Cloning	Reverse	5'-GGTGGTGGATCCTTACTTGTCATCGTCATC-3'