

**Appendix 1-table 12. Codon optimized *CDKN2A* sequence.**

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**Sequence**

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ATGGAACCCGCCGCTGGCTCATCAATGGAACCCTCTGCAGATTGGCTCGCT  
ACCGCAGCCGCGCGAGGACGAGTGGAAGAAGTCCGAGCGCTCCTTGAAG  
CCGGTGCATTGCCAAATGCGCCTAACTCCTATGGACGCCGCCAATAACAAG  
TTATGATGATGGGATCTGCAAGGGTAGCTGAACTTCTCCTCTTGCATGGAG  
CAGAACCTAATTGTGCTGATCCAGCGACCCTGACTAGACCTGTACATGATG  
CCGCGCGTGAAGGGTTTCTCGATACCCTTGTCGTCCCTTCATCGAGCTGGTGC  
CCGCCTCGATGTCCGGGACGCATGGGGACGGCTCCCAGTCGATCTCGCAG  
AAGA ACTTGGGCACAGGGACGTAGCCAGATATTTGCGTGCAGCCGCCGGT  
GGTACGAGGGGATCAAATCACGCTAGAATCGACGCTGCCGAGGGCCCAA

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