

ESM Table 1. DNA sequences for Pyrosequencing forward, reverse and sequencing primers.

SNP ID	Gene	Forward PCR Primer	Reverse PCR Primer	Sequencing Primer
rs7754840	<i>CDKALI</i>	5'-TTGTTGGGGAAGAAGTAGTAATG-3'	Bio 5'-CCTTTTAAATCTTTTCACTCATCTTAC-3'	5'-AGAAGTAGTAATGTTGGAA-3'
rs13292136	<i>CHCHD9</i>	5'-TGGTATTTGGTTTTGGTTTTGAGAA-3'	Bio 5'-ACCTCCCTCTATAACTCACTTTT-3'	5'-GTGTTTTTAAGTTTTTATTAGGT-3'
rs2334499	<i>DUSP8</i>	Bio 5'-AGGGATAGTGAAATATTGTATGTTTG-3'	5'-ACCCTACACCTCTCAATAACAACACTACT-3'	5'-CAATAACAACACTACTCACTC-3'
rs7578326	<i>IRS1</i>	Bio 5'-AAGTATTGGTTTATGAAAATGGTATT-3'	5'-TCCCTATTCTCAACATATAACACTTTAC-3'	5'-AAACAAACTACAACAATATTTAC-3'
rs391300	<i>SRR</i>	5'-GGTAGTTTAGGTTATTTGGGAGGTTAAG-3'	Bio 5'-ACAACAACAAAAAAAAATCCAAATATTC-3'	5'-GAATAGTTATTGTATTGTGGT-3'
rs7961581	<i>TSPAN8</i>	5'-GTATAGATTTATTTAAATGAAGGGGATTTT-3'	Bio 5'-ATTAACTACCTCAATTTAACTACATTCT-3'	5'-TTAATAATAAGTTGGATGTTAAAG-3'
rs564398	<i>CDKN2A</i>	5'-AGGTGTGGGTTTTAGTGGT-3'	Bio 5'-TCCTCAACTCCTCTCATCTAATCT-3'	5'-GTTTTAGTGGTATATATTATTTTT-3'
rs5015480	<i>HHEX</i>	5'-GTTTTTTGGTGTATTTTTTTGAGTAGG-3'	Bio 5'-ACAAATTTATATCCCAATACTTCCAC-3'	5'-AATAAATAATAGGGTATTGAAGTAA-3'
rs1801282	<i>PPARG</i>	5'-GTTATGGGTGAAATTTGGGAGAT-3'	Bio 5'-ACTACAAAAACAATTTACCCTTACATA-3'	5'-GTGAAATTTTGGGAGATT-3'
rs7901695	<i>TCF7L2</i>	5'-ATTGTGGATTTGTTGTTTTGATAT-3'	Bio 5'-CTATCCATAACAATAAAATATTATTTAACCA-3'	5'-GGATTTGTTGTTTTGATATT-3'
rs5945326	<i>DUSP9</i>	5'-AGGGTTATTAGAGTAGGGATTTAG-3'	Bio 5'-ACATCTATCTCCAAAACTTACACC-3'	5'-ATTTTTTTTTTTTGGGGTTTAT-3'
rs13266634	<i>SLC30A8</i>	5'-TTGAAGTTGGAGTTAGAGTAGT-3'	Bio 5'-AATCCTAATCAACTAAAAATCCATCT-3'	5'-GTGTTTTTTTATTAATAGTAGTTAG-3'
rs1531343	<i>HMG2</i>	5'-GTTATTTATGTGGGATATAGAGATAAGT-3'	Bio 5'-CTAAAATCTATCTTTTACATCTACCCTACAA-3'	5'- ATATTAGTGATATTTAAAAATGTTAA-3'
rs2237895	<i>KCNQ1</i>	5'-AGATAGTAAGATTTGGGTTAGTAGAGTA-3'	Bio 5'-ACCCATCTACCTCTTAATCTCATCTTT-3'	5'-AGTAGATGATAGGGTAGTGA-3'
rs11708067	<i>ADCY5</i>	5'-AGTAGTGGTATAGTTAGGTTGTATT-3'	Bio 5'-ACACAACAACCTCTTTCTAAAC-3'	5'-TTTAGATAGAAGTTGTTGATAGTA-3'
rs1801214	<i>WFS1</i>	5'-TGGTTTTTATTTGAAGGTTTTGGTTAGA-3'	Bio 5'-CCCTTAAAATTCCTCAACTATACCAT-3'	5'-GAAGGTTTTTGGTTAGAT-3'
rs4712523	<i>CDKALI</i>	5'-TGGTTTTTATGAGAGTGAGGTAAAGT-3'	Bio 5'-AAAACAAATCCCACCCCACTACTAT-3'	5'-GTTTGATAAGATGTTGTTTTTT-3'
rs3821943	<i>WFS1</i>	5'-GGGTTAGGTTATTTTTAGTTGTTTTGT-3'	Bio 5'-ACCAACCTACTCCAAAATTTATTTAA-3'	5'-GGGGATTAATTGAGTAGTTT-3'
rs12778642	<i>HHEX</i>	5'-AGAGTAGGAGTATTAGGTTGTTAAGA-3'	Bio 5'-CCTCCCAAAATACTAAAATCACAACATAA-3'	5'-TTAGGTGGGTTAAATGAAAA-3'

Bio: biotinylated primer