

Article

New DNA Methylation Signals for Malignant Pleural Mesothelioma Risk Assessment

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cg03546163

TTTTTGTTTAGGATGAATTAGTTTGGAGAGGAAAGAATATTTGTTTGTATATTTGT
AGAAGAAGTTATTGTTGTTAAAAGTTAAGTTGGTTTTTTGATGTTTAGTGTGGATAG
GTTGAATAATAATTTATTTTACG(CpG1)TT**CG(CpG2)**GAGGGTTATTTTATGTA
AATAGTTGAAAGGAATTGGATAAGATTGTAGTTTTT

Figure S1. Location of cg03546163 investigated by EpiTYPER MassARRAY. Locations of cg03546163 (CpG2, in yellow) and a second CpG site very close (CpG1, in red), investigated by EpiTYPER MassARRAY. Flanking primers are underlined. The CpG sites could not be tested individually due to MassARRAY technology constraints, but had to be tested jointly as a single unit: the methylation level is the cumulative value of all the sites within the CpG unit.

cg06633438

TTTTTTTAGTTTTGGGATTTTGAGATATTAGGATAGCG(CpG1)TTATTAATTTAGG
AGTAGTTTTTGTGTTTGTGTGTGTACG(CpG2)TGTGCG(CpG3)TTTGTGTGTAGGT
TGGATTTTGATTTTAAAAGGGTTAGGATATGAAAAGAGACG(CpG4)AGCG(CpG5)T
TTTAGATTTGAGGAAATATACG(CpG6)CG(CpG7)TGGAAGACG(CpG8)TGCG(CpG
9)**CG(CpG10)**GGGTTTCG(CpG11)GGTTTTTTTTTGGAGGAGTGATAAGTTCG(CpG12
)TGGAAAGTTTTAATATGGCG(CpG13)GGCG(CpG14)GGGGTGGGGGCG(CpG15)A
TAGGATTTGTTTGTTTTAGCG(CpG16)GTTTTATCG(CpG17)CG(CpG18)TGATAA
TTGAGAGTTTAGAGGGGGACG(CpG19)GAGAGGGAGGGAAGTCG(CpG20)GTTAGG
CG(CpG21)TCG(CpG22)GGGTATTTAGTTAGGTGGCG(CpG23)GGGTTTGAACG(C
pG24)GGGTTTTCG(CpG25)AAATGTTAAAGAAGAGATAGGTATTGGAGGGATTGTA
GTTATTGGGATATATTTGGTTAGTTGTTCG(CpG26)AGCG(CpG27)ATGGCG(CpG2
8)TGGAAAGGCG(CpG29)TAGATGGGAGTTGTTTGGTTTGGGGTTTCG(CpG30)GGA
GGGCG(CpG31)GTTTTGTTAGGGGAGGGTGTGGGATTTAGGTTATGGTTTGGTTGG
TTT

Figure S2. Location of cg06633438 investigated by EpiTYPER MassARRAY. Locations of cg06633438 (CpG10, in yellow) and other CpG sites very close (CpGn, in red), investigated by EpiTYPER MassARRAY. Flanking primers are underlined. The CpG sites could not be tested individually due to MassARRAY technology constraints, but had to be tested jointly as a single unit: the methylation level is the cumulative value of all the sites within the CpG unit.