



**Supplementary Figure 3.** Agarose gel with the MGMT promoter amplification of five samples with discrepancies between MSP and dp\_qMSP. It has been performed in a collaborative center (MD Anderson Madrid) with an alternative methodology using EpiTec for DNA modification and using the next primers and conditions for PCR amplification:

MGMT-M-F TTTTCGACGTTTCGTAGGTTTTTCGC and MGMT-M-R GCACTCTCCGAAAACGAAAC  
 MGMT-U-F TTTGTGTTTTGATGTTTGTAGGTTTTTGT and MGMT-U-R AACTCCACTCTTCAAAAAACAAAACA

For both reactions the PCR settings are 58°C and 35 cycles.

The arrows indicate a slightly amplification at the methylation reaction in samples 1, 78 and 100. For none of those patients these results were considered positive for clinical diagnosis