

# Association of Polygenic Risk Score and Bacterial Toxins at Screening Colonoscopy with Colorectal Cancer Progression: A Multicenter Case-Control Study

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Table S1

Gene target	Amplicon (bp)	Annealing temp (°C)	Melting temp (°C)	Primer concentration (nM)
<i>cnf1mac1</i> (1)	mac1 5'-GGG GGA AGT ACA GAA GAA TTA- 3' (Biomers.net)	52	78.5±1	200
<i>cnf1mac2</i> (1)	mac2 5'-TTG CCG TCC ACT CTC ACC AGT -3' (Biomers.net)	52	78.5±1	200
<i>cdt-S2</i> (1)	S2 5'-GAA AAT AAA TGG AAC ACA CAT GT CCG -3' (Biomers.net)	52	80±1	200
<i>cdt-AS2</i> (1)	AS2 5'-AAA TCT CCT GCA ATC ATC CAG TTA -3' (Biomers.net)	52	80±1	200
<i>gapA2</i> (This study)	5'-CAG AAC ATC ATC CCG TCC-3' (Biomers.net)	52	82.5±1	200
<i>gapA1</i> (This study)	5'-GTT CAG AGC GAT ACC AGC-3' (Biomers.net)	52	82.5±1	200
<i>cif-P1</i> (1)	5'- AACAGATGGCAACAGACTGG - 3' (ISC Bio Basic INC)	52	80±1	200
<i>cif-P2</i> (1)	5'- AGTCAATGCTTTATGCGTCAT -3' (ISC Bio Basic INC)	52	80±1	200
<i>pks clbA1</i> (1)	5'-CAG ATA CAC AGA TAC CAT TCA -3' (Biomers.net)	55	86.5±1	200
<i>pks clbA2</i> (1)	5'-CTA GAT TAT CCG TGG CGA TTC-3' (Biomers.net)	55	86.5±1	200
<i>pks clbQ1</i> (1)	5'-TTA TCC TGT TAG CTT TCG TTC -3' (Biomers.net)	55	86.5±1	200
<i>pks clbQ2</i> (1)	5'-CTT GTA TAG TTA CAC AAC TAT TTC-3' (Biomers.net)	55	86.5±1	200
<i>b-fra R</i> (2)	R 5'-CCA GTA TCA ACT GCA ATT TTA-3' (Biomers.net)	52	82±1	200
<i>b-fra F</i> (2)	F 5'-ATA GCC TTT CGA AAG RAA GAT-3' (Biomers.net)	52	82±1	200
<i>bft 1</i> (3)	5'-GAC GGT GTA TGT GAT TTG TCT GAG AGA-3' (ISC Bio Basic INC)	52	79±1	200
<i>bft 2</i> (3)	5'-ATC CCT AAG ATT TTA TTA TCC CAA GTA-3' (ISC Bio Basic INC)	52	79±1	200

## References

- Buc et al., 2013 DOI: 10.1371/journal.pone.0056964  
Matsuki et al., 2002 DOI:10.1128/AEM.68.11.5445-5451.2002  
Pantosti et al., 1997 PMID: 9316893