

Supplementary Appendix

This appendix has been provided by the authors to give readers additional information about their work.

Supplement to: Yamada Y, Izawa H, Ichihara S, et al. Prediction of the Risk of Myocardial Infarction from Polymorphisms in Candidate Genes. *N Engl J Med* 2002;347:1916-23.

SUPPLEMENTARY APPENDIX 1. PRIMERS, PROBES, AND OTHER CONDITIONS IN THE GENOTYPING STUDIES.

| GENE | POLYMORPHISM | LABELS* | PRIMERS | No. of Cycles | PROBES | STRENGTH OF FORMAMIDE |
|--|--------------|---------|-------------------------------|---------------|--|-----------------------|
| Angiotensinogen | G-6A | TxR | 5'CGGAGGTTCTTCCCXGG3' | 35 | | |
| | | FITC | 5'CGCAGCTTCTTCCXIG3' | | | |
| | | Biotin | 5'CCACCCTCAGCTATAAATAGG3' | | | |
| Apolipoprotein C-III | C-482T | Biotin | 5'CGGAGCACCTGATGCXIG3' | 35 | 5'AGCCACTGATGCXGGTCT3' 5'AGCCACTGATGCXGGTCT3' | 30% |
| | | FITC | 5'GATGGAGGAGGTTCTXGA3' | | | |
| | | TxR | 5'AGAATGGAGGAGGTTCTXJA3' | | | |
| Apolipoprotein E | G-219T | Biotin | 5'CCAGAAAGGAGGACACCTC3' | 35 | | |
| | | TxR | 5'CGGATGACCTGCAGAAIXG3' | | | |
| | | FITC | 5'CGGCTGTTACTACTGCCAG3' | | | |
| Apolipoprotein E | C4070T | Biotin | 5'CTCAGAAATGGCCAAAAXCC3' | 40 | | |
| | | TxR | 5'CTCAGAAATGGCCAAAAXCC3' | | | |
| | | FITC | 5'CTCAGAAATGGCCAAAAXTC3' | | | |
| Connexin 37 | C1019T | Biotin | 5'CCAGAGCTGCTGGACGA3' | 35 | | |
| | | TxR | 5'CCAGAGCTGCTGGACGA3' | | | |
| | | FITC | 5'CCAGAGCTGCTGGACGA3' | | | |
| Glycoprotein, Iba α | C1018T | Biotin | 5'CCAGAGCTGCTGGACGA3' | 40 | | |
| | | TxR | 5'CCAGAGCTGCTGGACGA3' | | | |
| | | FITC | 5'CCAGAGCTGCTGGACGA3' | | | |
| Interleukin-10 | T-819C | Biotin | 5'ATAGTGACAAACTGAGGCACA3' | 35 | 5'GTACAGGTGATGATXATCTCTGTG3' 5'GTACAGGTGATGATXATCTCTGTG3' | 40% |
| | | TxR | 5'ATAGTGACAAACTGAGGCACA3' | | | |
| | | FITC | 5'ATAGTGACAAACTGAGGCACA3' | | | |
| Interleukin-10 | A-592C | Biotin | 5'ACCCCTGTACAGGTGATGATJA3' | 35 | | |
| | | TxR | 5'ACCCCTGTACAGGTGATGATJA3' | | | |
| | | FITC | 5'ACCCCTGTACAGGTGATGATJA3' | | | |
| <i>p22^{phox}</i> | C242T | Biotin | 5'GCCTGGAACACATCCTGTGA3' | 40 | | |
| | | TxR | 5'ACCACGGCGGTGATGXG3' | | | |
| | | FITC | 5'ACCACGGCGGTGATGXG3' | | | |
| Paraoxonase | G584A | Biotin | 5'ACCCAAATAGATCTCCCAGGAXCG3' | 35 | | |
| | | TxR | 5'ACCCAAATAGATCTCCCAGGAXCG3' | | | |
| | | FITC | 5'ACCCAAATAGATCTCCCAGGAXCG3' | | | |
| Plasminogen-activator inhibitor type 1 | 4G-668/5G | Biotin | 5'GAATGATATGTTGCTGTGGGAC3' | 35 | 5'TGGACACGTGGGGGAGTCAG3' 5'TGGACACGTGGGGGAGTCAGC3' | 45% |
| | | TxR | 5'GGCCGCCTCCGATGATACA3' | | | |
| | | FITC | 5'GGCCGCCTCCGATGATACA3' | | | |
| Platelet-activating factor acetylhydrolase | G994T | Biotin | 5'TTCTTTGGTGGAGCAACXGT3' | 40 | | |
| | | TxR | 5'ATTTCTTTGGTGGAGCAACXIT3' | | | |
| | | FITC | 5'CTTACCTGAACTCTGATCTTCA3' | | | |
| Stromelysin-1 | 5A-1171/6A | Biotin | 5'TTGTGATGGGGGAAAAXAC3' | 40 | | |
| | | TxR | 5'TTGTGATGGGGGAAAAXAC3' | | | |
| | | FITC | 5'TTGTGATGGGGGAAAAXCC3' | | | |
| Thrombospondin-4 | G1186C | Biotin | 5'CTCATATCAATGTGGCCAA3' | 35 | | |
| | | TxR | 5'CGAGTTGGAAACGCACACT3' | | | |
| | | FITC | 5'CGAGTTGGAAACGCACACT3' | | | |
| Tumor necrosis factor α | C-863A | Biotin | 5'GGTCTGCACATGACATTGATGAG3' | 35 | | |
| | | TxR | 5'GGCCCTGTCTTCGTAAAXGG3' | | | |
| | | FITC | 5'ATGGCCCTGTCTTCGTAAAXTG3' | | | |
| | | Biotin | 5'CCAGGGCTATGGAAAGTCGAGTATC3' | | | |

*TxR denotes Texas red, and FITC fluorescein isothiocyanate.