

Supplementary

FAM19A4 and hsa-miR124-2 double methylation as screening for ASCUS and CIN1 HPV-positive women

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Abbreviation of hsa-miR-124-2 target gene highlighted in yellow in Figure S1

ABL1: ABL Proto-Oncogene 1, Non-Receptor Tyrosine Kinase

ADCY3: Adenylate Cyclase 3

ADCY6: Adenylate Cyclase 6

ADCY9: Adenylate Cyclase 9

AGTR1: Angiotensin II Receptor Type 1

AKT2: AKT Serine/Threonine Kinase 2

ARAF: A-Raf Proto-Oncogene, Serine/Threonine Kinase

ARHGEF1: Rho Guanine Nucleotide Exchange Factor 1

BDKRB1: Bradykinin Receptor B1

BIRC2: Baculoviral IAP Repeat Containing 2

CASP3: Caspase 3

CCNA1: Cyclin A1

CDK2: Cyclin-Dependent Kinase 2

CDK4: Cyclin-Dependent Kinase 4

CDK6: Cyclin-Dependent Kinase 6

CDKN1A: Cyclin-Dependent Kinase Inhibitor 1A

CDKN2A: Cyclin-Dependent Kinase Inhibitor 2A

CEBPA: CCAAT Enhancer Binding Protein Alpha

CKS1B: CDC28 Protein Kinase Regulatory Subunit 1B

CKS2: CDC28 Protein Kinase Regulatory Subunit 2

COL4A1: Collagen Type IV Alpha 1 Chain

COL4A4: Collagen Type IV Alpha 4 Chain

CTNNB1: Catenin Beta 1

CXCL8: C-X-C Motif Chemokine Ligand 8

DAPK1: Death-Associated Protein Kinase 1

DCC: DCC Netrin 1 Receptor

DVL2: Dishevelled Segment Polarity Protein 2

E2F1: E2F Transcription Factor 1

E2F3: E2F Transcription Factor 3

ERBB2: Erb-B2 Receptor Tyrosine Kinase 2

ETS1: ETS Proto-Oncogene 1, Transcription Factor

FGF1: Fibroblast Growth Factor 1

FGF5: Fibroblast Growth Factor 5

FGFR1: Fibroblast Growth Factor Receptor 1

FN1: Fibronectin 1

GNA12: G Protein Subunit Alpha 12

GNA13: G Protein Subunit Alpha 13

GNAI1: G Protein Subunit Alpha I1

GNAI2: G Protein Subunit Alpha I2

GNAI3: G Protein Subunit Alpha I3

GNB4: G Protein Subunit Beta 4

GNG10: G Protein Subunit Gamma 10
GRB2: Growth Factor Receptor-Bound Protein 2
IGF1R: Insulin-Like Growth Factor 1 Receptor
IL6: Interleukin 6
ITGA3: Integrin Subunit Alpha 3
ITGB1: Integrin Subunit Beta 1
JUP: Junction Plakoglobin
LAMA1: Laminin Subunit Alpha 1
LAMA4: Laminin Subunit Alpha 4
LAMB3: Laminin Subunit Beta 3
LAMC1: Laminin Subunit Gamma 1
MAPK1: Mitogen-Activated Protein Kinase 1
MDM2: MDM2 Proto-Oncogene
MET: Mesenchymal-Epithelial Transition Factor
MMP2: Matrix Metalloproteinase 2
MMP9: Matrix Metalloproteinase 9
MSH6: MutS Homolog 6
NFKB1: Nuclear Factor Kappa B Subunit 1
NRAS: NRAS Proto-Oncogene, GTPase
PDGFA: Platelet-Derived Growth Factor Subunit A
PLCB1: Phospholipase C Beta 1
PTGS2: Prostaglandin-Endoperoxide Synthase 2
RAC1: Ras-Related C3 Botulinum Toxin Substrate 1
RAD51: RAD51 Recombinase
RALGDS: Ral Guanine Nucleotide Dissociation Stimulator
RASSF1: Ras Association Domain Family Member 1
RELA: RELA Proto-Oncogene, NF-KB Subunit
RHOA: Ras Homolog Family Member A
ROCK1: Rho-Associated Coiled-Coil Containing Protein Kinase 1
ROCK2: Rho-Associated Coiled-Coil Containing Protein Kinase 2
RUNX1T1: RUNX1 Partner Transcriptional Co-Repressor 1
SOS2: Ras/Rho Guanine Nucleotide Exchange Factor 2
STAT3: Signal Transducer and Activator of Transcription 3
STAT5A: Signal Transducer and Activator of Transcription 5A
STK36: Serine/Threonine Kinase 36
TGFBR1: Transforming Growth Factor Beta Receptor 1
WNT5B: Wingless-Type MMTV Integration Site Family, Member 5B
XIAP: X-Linked Inhibitor of Apoptosis