**Supplementary Table 2. Enriched biological process shared by up- and down-regulated genes with significant hypomethylation in subjects over 50 years with ACE history**

Anatomical structure development

Anatomical structure formation involved in morphogenesis

Anatomical structure morphogenesis

Animal organ development

Animal organ morphogenesis

Axon guidance

Axonogenesis

Biological regulation

Brain development

Cell development

Cell differentiation

Cell morphogenesis

Cell morphogenesis involved in differentiation

Cell-cell signaling

Central nervous system development

Central nervous system neuron differentiation

Chemotaxis

Chordate embryonic development

Developmental process

Embryo development

Embryonic morphogenesis

Epithelial tube morphogenesis

Epithelium development

Forebrain development

Forebrain neuron differentiation

Generation of neurons

Head development

Limb morphogenesis

Morphogenesis of a branching epithelium

Morphogenesis of an epithelium

Multicellular organism development

Multicellular organismal process

Negative regulation of cell development

Negative regulation of developmental process

Nervous system development

Neurogenesis

Neuron development

Neuron differentiation

Neuron fate commitment

Neuron fate specification

Neuron projection morphogenesis

Outflow tract morphogenesis

Pattern specification process

Positive regulation of biological process

Positive regulation of cell development

Positive regulation of cell differentiation

Positive regulation of cellular process

Positive regulation of developmental process

Positive regulation of nervous system development

Positive regulation of neurogenesis

Regionalization

Regulation of anatomical structure morphogenesis

Regulation of biological process

Regulation of cell communication

Regulation of cell development

Regulation of cell differentiation

Regulation of cellular process

Regulation of developmental process

Regulation of localization

Regulation of multicellular organismal development

Regulation of multicellular organismal process

Regulation of nervous system development

Regulation of neurogenesis

Regulation of neuron differentiation

Regulation of signaling

Regulation of transcription by RNA Polymerase II

Renal system development

Skeletal system development

Spinal cord development

System development

Telencephalon development

Tissue development

Tissue morphogenesis

Tube development

Urogenital system development

Ventral spinal cord development