**CAD patients controls**

**Molecular Function**
- Histone: 2.03E-07
- G-protein: 2.32E-05
- Small GTPase: 4.23E-04
- Cytoskeletal protein: 4.48E-04
- Select regulatory molecule: 2.29E-03
- Actin binding cytoskeletal protein: 6.23E-03
- Signaling molecule: 3.67E-02

**Biological Process**
- MAPKKK cascade: 1.93E-03
- Nucleoside, nucleotide and nucleic acid metabolism: 7.32E-03
- Cell motility: 5.07E-08
- Cell structure and motility: 5.47E-06
- Immunity and defense: 1.30E-05
- Signal transduction: 2.28E-04
- Blood clotting: 2.86E-04
- General vesicle transport: 3.12E-04
- Intracellular protein traffic: 5.83E-03
- Chromatin packaging and remodeling: 1.26E-02