Markers

Genomewide association studies identified four genes that could serve as diagnostic markers and/or therapeutic targets for EoE. In a discovery cohort of 603 patients with EoE and 3,637 controls, variants at C11orf30, CAPNS1, STAT6 andANKRD27 were associated with the disease.

Transcriptome sequencing in esophageal biopsies from 9 patients with EoE and 3 healthy controls found that expression of all four genes differed between the two groups. Next steps could include validating the markers in a larger cohort of patients with EoE.

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