<table>
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<th>Biological Pathways</th>
<th>Candidate genes</th>
<th>Quality of life domain</th>
<th>Literature</th>
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*Biological pathways are according to KEGG (Kyoto Encyclopaedia of Genes and Genomes), [http://www.genome.jp/kegg/](http://www.genome.jp/kegg/) or Genecards, [http://www.genecards.org/](http://www.genecards.org/)
REFERENCES


   patient sample; candidate gene study


   patient sample + healthy individuals; candidate gene study (buccal swab)


   population-based; candidate gene study


   patient sample + healthy individuals; candidate gene study


   review


   patient sample + healthy individuals; candidate gene study


   patient sample; candidate gene study

NEW REFERENCE Sep 2013


   population-based; candidate gene study


   patient sample; biomolecular marker


   review


   patient sample; candidate gene study
patient sample; candidate gene study

meta-analyses

population-based; GWAS

patient sample; candidate gene study

patient sample; candidate gene study

patient sample + healthy individuals; candidate gene study

patient sample; biomolecular marker

population-based; candidate gene study

NEW REFERENCE Sep 2013

patient sample + healthy individuals; candidate gene study

patient sample; candidate gene study

patient sample + healthy individuals; candidate gene study

sympathetic nervous and mucosal immune systems in breast cancer survivors. 


_healthy individuals; candidate gene study_


_patient sample; candidate gene study (saliva)_


_patient sample; candidate gene study_


_healthy individuals; candidate gene study_


_population-based; candidate gene study_


_patient sample + matched healthy individuals; candidate gene study_


_patient sample; candidate gene study_


_patient sample; candidate gene study_


_patient sample; candidate gene study_


_patient sample, candidate gene study (buccal swab)_


_review_


*healthy individuals; candidate gene study (buccal cells)*


*meta-analyses; population based; candidate gene study (swab samples)*


*healthy individuals; candidate gene study (saliva)*


*patient sample + matched controls; candidate gene study (blood or mouth swab)*


*healthy individuals; GWAS; replication analyses with external cohorts*

**NEW REFERENCE Sep 2013**


*population-based; candidate gene study (buccal)*


*population-based; candidate gene study (saliva)*


*population-based; candidate gene study*


*patient sample + healthy individuals; candidate gene study*


*patient sample; candidate gene study*


*healthy individuals; candidate gene study*


*patient sample + healthy individuals; candidate gene study*


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population-based; candidate gene study

review

patient sample + healthy individuals; candidate gene study

patient sample + healthy individuals; candidate gene study

healthy individuals; candidate gene study

patient sample; candidate gene study

review

review

healthy individuals; candidate gene study (saliva)

population-based; candidate gene study

review


healthy individuals; candidate gene study (saliva)


healthy individuals; candidate gene study (saliva or cheek cells)


healthy individuals; candidate gene study

NEW REFERENCE Sep 2013


healthy individuals; candidate gene study

NEW REFERENCE Sep 2013


healthy individuals; candidate gene study

NEW REFERENCE Sep 2013


patient sample; candidate gene study

NEW REFERENCE Sep 2013


patient sample; candidate gene study


meta-analyses


patient sample + healthy individuals; candidate gene study


healthy individuals; candidate gene study

patient sample; candidate gene study


patient sample; candidate gene study


patient sample; candidate gene study


healthy individuals (autopsy); candidate gene study


patient sample; candidate gene study


healthy individuals; candidate gene study


patient sample; candidate gene study


healthy individuals; candidate gene study (oral specimen)


patient sample + healthy individual (autopsy); candidate gene study (frozen hypothalamus)


review


patient sample; candidate gene study


patient sample + healthy individuals; candidate gene study

healthy individuals; candidate gene study (mouthwash sample)


patient sample; candidate gene study