



Literature search

PubMed via NLM 2018-04-26		
Gene expression profiling to guide selection of adjuvant therapy in breast cancer		
	Search terms	Items found
Population:		
1.	"Breast Neoplasms"[Mesh] OR "breast cancer"[Title/Abstract] OR "breast cancers"[Title/Abstract] OR "breast tumour"[Title/Abstract] OR "breast tumours"[Title/Abstract] OR "breast tumor"[Title/Abstract] OR "breast tumors"[Title/Abstract] OR "breast neoplasm"[Title/Abstract] OR "breast neoplasms"[Title/Abstract] OR "breast carcinoma"[Title/Abstract] OR "breast carcinomas"[Title/Abstract] OR "breast malignancy"[Title/Abstract] OR "breast malignancies"[Title/Abstract]	333 836
Intervention:		
2.	"Gene Expression Profiling"[Mesh] OR "Transcriptome"[Mesh] OR "gene expression assay"[Title/Abstract] OR "gene expression assays"[Title/Abstract] OR "gene expression array"[Title/Abstract] OR "gene expression arrays"[Title/Abstract] OR "gene expression profile"[Title/Abstract] OR "gene expression profiles"[Title/Abstract] OR "gene expression profiling"[Title/Abstract] OR "gene expression test"[Title/Abstract] OR "gene expression tests"[Title/Abstract] OR "oncoTYPE dx"[Title/Abstract] OR prosigna[Title/Abstract] OR PAM50[Title/Abstract] OR mammaprint[Title/Abstract] OR endopredict[Title/Abstract] OR HOXB13[Title/Abstract] OR IL17BR[Title/Abstract] OR "mapquant dx"[Title/Abstract] OR theros[Title/Abstract]	141 092
Combined sets:		
3.	1 AND 2	7 750
Study types:		
4.	systematic[sb] OR "systematic review"[Title/Abstract] OR meta-analysis[Title/Abstract]	379 069
Final	3 AND 4	241

The search result, usually found at the end of the documentation, forms the list of abstracts

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

[MeSH:NoExp] = Does not include terms found below this term in the MeSH hierarchy

[MAJR] = MeSH Major Topic

[TIAB] = Title or abstract

[TI] = Title

[AU] = Author

[TW] = Text Word

Systematic[SB] = Filter for retrieving systematic reviews

* = Truncation

“ “ = Citation Marks; searches for an exact phrase



Cochrane Library via Wiley 2018-04-26		
Gene expression profiling to guide selection of adjuvant therapy in breast cancer		
	Search terms	Items found
Population:		
1.	MeSH descriptor: [Breast Neoplasms] explode all trees	10 684
2.	"breast cancer" or "breast cancers" or "breast tumour" or "breast tumours" or "breast tumor" or "breast tumors" or "breast neoplasm" or "breast neoplasms" or "breast carcinoma" or "breast carcinomas" or "breast malignancy" or "breast malignancies":ti,ab,kw (Word variations have been searched)	26 011
3.	1 OR 2	26 020
Intervention:		
4.	MeSH descriptor: [Gene Expression Profiling] explode all trees	460
5.	MeSH descriptor: [Transcriptome] explode all trees	106
6.	"gene expression assay" or "gene expression assays" or "gene expression array" or "gene expression arrays" or "gene expression profile" or "gene expression profiles" or "gene expression profiling" or "gene expression test" or "gene expression tests" or "oncotype dx" or prosigna or PAM50 or mammaprint or endopredict or HOXB13 or IL17BR or "mapquant dx" or theros:ti,ab,kw (Word variations have been searched)	1 290
7.	4 OR 5 OR 6	1 344
Combined sets		
8.	3 AND 7	375
Final		CDSR/0 DARE/5 HTAD/30

The search result, usually found at the end of the documentation, forms the list of abstracts

[AU] = Author

[MAJR] = MeSH Major Topic

[MeSH] = Term from the Medline controlled vocabulary, including terms found below this term in the MeSH hierarchy

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Systematic[SB] = Filter for retrieving systematic reviews

[TI] = Title

[TIAB] = Title or abstract

[TW] = Text Word

* = Truncation

“ “ = Citation Marks; searches for an exact phrase

CDSR = Cochrane Database of Systematic Review

CENTRAL = Cochrane Central Register of Controlled Trials, “trials”

CRM = Method Studies

DARE = Database Abstracts of Reviews of Effects, “other reviews”

EED = Economic Evaluations

HTA = Health Technology Assessments



Embase via embase.com 2018-04-26		
Gene expression profiling to guide selection of adjuvant therapy in breast cancer		
	Search terms	Items found
Population:		
1.	'breast cancer'/exp OR 'breast cancer':ti,ab OR 'breast cancers':ti,ab OR 'breast tumour':ti,ab OR 'breast tumours':ti,ab OR 'breast tumor':ti,ab OR 'breast tumors':ti,ab OR 'breast neoplasm':ti,ab OR 'breast neoplasms':ti,ab OR 'breast carcinoma':ti,ab OR 'breast carcinomas':ti,ab OR 'breast malignancy':ti,ab OR 'breast malignancies':ti,ab AND [embase]/lim	433 950
Intervention:		
2.	'gene expression profiling'/exp OR 'transcriptome'/exp OR 'gene expression assay':ti,ab OR 'gene expression assays':ti,ab OR 'gene expression array':ti,ab OR 'gene expression arrays':ti,ab OR 'gene expression profile':ti,ab OR 'gene expression profiles':ti,ab OR 'gene expression profiling':ti,ab OR 'gene expression test':ti,ab OR 'gene expression tests':ti,ab OR 'oncotype dx':ti,ab OR prosigna:ti,ab OR PAM50:ti,ab OR mammaprint:ti,ab OR endopredict:ti,ab OR HOXB13:ti,ab OR IL17BR:ti,ab OR 'mapquant dx':ti,ab OR theros:ti,ab AND [embase]/lim	114 770
Combined sets		
3.	1 AND 2	9 634
Study types:		
4.	'systematic review'/de OR 'meta analysis'/de OR 'systematic review':ab,ti OR 'meta-analysis':ab,ti AND [embase]/lim	261 514
Final	3 AND 4	216

/de= Term from the EMTREE controlled vocabulary

/exp= Includes terms found below this term in the EMTREE hierarchy

/mj = Major Topic

:ab = Abstract

:au = Author

:ti = Article Title

:ti,ab = Title or abstract

* = Truncation

' ' = Citation Marks; searches for an exact phrase