

Identification

Articles identified through
searching Pubmed (n = 53),
Embase (n = 7) and
Cochrane Library (n = 0)

Additional articles identified
through a manual search
(n = 3)

Articles reviewed for duplicates
(n = 63)

Screening

(n = 6) Duplicates among databases

Articles after removing duplicates
(n = 57)

35 articles were excluded:
(n = 12) reviews, meta-analyses
(n = 3) Not about bladder cancer
(n = 20) Not related to our topic

Full-text articles reviewed
(n = 22)

7 articles were excluded:
(n = 2) Not relevant to diagnosis
(n = 4) Without sufficient data
(n = 1) About tissue-lncRNAs assay

Articles included
in this meta-analysis
(n = 15)

Included

Blood-lncRNAs assays
(n = 5)

Urine-lncRNAs assays
(n = 10)



