

Appendix 1 MESH and detailed search strategy.**PubMed****MESH distinguished by PubMed**

MIRN525 microRNA, human

hsa-mir-525; miR-525, human; microRNA-525, human

Neoplasms

Tumor

Neoplasm

Tumors

Neoplasia

Neoplasias

Cancer

Cancers

Malignant Neoplasm

Malignancy

Malignancies

Malignant Neoplasms

Neoplasm, Malignant

Neoplasms, Malignant

Benign Neoplasms

Benign Neoplasm

Neoplasms, Benign

Neoplasm, Benign

Research Strategy #7

Search: (("MIRN525 microRNA, human" [Supplementary Concept]) OR (((hsa-mir-525) OR (miR-525, human)) OR (microRNA-525, human))) AND (("Neoplasms"[Mesh]) OR (((((((((((((((Tumor) OR (Neoplasm)) OR (Tumors)) OR (Neoplasia)) OR (Neoplasias)) OR (Cancer)) OR (Cancers)) OR (Malignant Neoplasm)) OR (Malignancy)) OR (Malignancies)) OR (Malignant Neoplasms)) OR (Neoplasm, Malignant)) OR (Neoplasms, Malignant)) OR (Benign Neoplasms)) OR (Benign Neoplasm)) OR (Neoplasms, Benign)) OR (Neoplasm, Benign)))

19 results

10:26:34

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("mirn525 microrna human"[Supplementary Concept] OR ("mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields] OR "hsa mir 525"[All Fields] OR ("mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields])) AND ("Neoplasms"[MeSH Terms] OR ("cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields] OR ("neoplasm s"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasm"[All Fields]) OR ("cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields])

OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("malignant"[All Fields] AND "Neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "malignant"[All Fields]) OR "neoplasm malignant"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("Neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms malignant"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("benign"[All Fields] AND "Neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("Neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms benign"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm benign"[All Fields]))))

Translations

hsa-mir-525: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "hsa mir 525"[All Fields]

miR-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "mir 525, human"[All Fields]

microRNA-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "microrna 525, human"[All Fields]

Tumor: "cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor's"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour's"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields]

Neoplasm: "neoplasm's"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasm"[All Fields]
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Neoplasia: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]
Neoplasias: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]
Cancer: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]

Cancers: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]

Malignant Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]

Malignancy: "malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]

Malignancies: "malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]

Malignant Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]

Neoplasm, Malignant: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "malignant"[All Fields]) OR "neoplasm malignant"[All Fields]

Neoplasms, Malignant: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms, malignant"[All Fields]

Benign Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]

Benign Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]

Neoplasms, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms, benign"[All Fields]

Neoplasm, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm, benign"[All Fields]

Research Strategy #6

Search: ("Neoplasms"[Mesh]) OR (((((((((((((((Tumor) OR (Neoplasm)) OR (Tumors)) OR (Neoplasia)) OR (Neoplasias)) OR (Cancer)) OR (Cancers)) OR (Malignant Neoplasm)) OR (Malignancy)) OR (Malignancies)) OR (Malignant Neoplasms)) OR (Neoplasm, Malignant)) OR (Neoplasms, Malignant)) OR (Benign Neoplasms)) OR (Benign Neoplasm)) OR (Neoplasms, Benign)) OR (Neoplasm, Benign))

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"Neoplasms"[MeSH Terms] OR ("cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields] OR ("neoplasm s"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasm"[All Fields]) OR ("cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields]

OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("malignant"[All Fields] AND "Neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "malignant"[All Fields]) OR "neoplasm malignant"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("Neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms malignant"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("benign"[All Fields] AND "Neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("Neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms benign"[All Fields]) OR ("Neoplasms"[MeSH Terms] OR "Neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm benign"[All Fields]))

Translations

Tumor: "cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor's"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour's"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields]

Neoplasm: "neoplasm's"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasm"[All Fields]

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Neoplasia: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]

Neoplasias: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]

Cancer: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]

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Malignant Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]

Malignancy: "malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR

"malignancies"[All Fields] OR "malignancy"[All Fields]
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 Malignant Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]
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 Neoplasms, Malignant: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms, malignant"[All Fields]
 Benign Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]
 Benign Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]
 Neoplasms, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms, benign"[All Fields]
 Neoplasm, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm, benign"[All Fields]

Research Strategy #5

Search: ((((((((((((((Tumor) OR (Neoplasm)) OR (Tumors)) OR (Neoplasia)) OR (Neoplasias)) OR (Cancer)) OR (Cancers)) OR (Malignant Neoplasm)) OR (Malignancy)) OR (Malignancies)) OR (Malignant Neoplasms)) OR (Neoplasm, Malignant)) OR (Neoplasms, Malignant)) OR (Benign Neoplasms)) OR (Benign Neoplasm)) OR (Neoplasms, Benign)) OR (Neoplasm, Benign)
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"cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields] OR ("neoplasm s"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasm"[All Fields]) OR ("cysts"[MeSH Terms] OR "cysts"[All Fields] OR "cyst"[All Fields] OR "neurofibroma"[MeSH Terms] OR "neurofibroma"[All Fields] OR "neurofibromas"[All Fields] OR "tumor s"[All Fields] OR "tumoral"[All Fields] OR "tumorous"[All Fields] OR "tumour"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "tumor"[All Fields] OR "tumour s"[All Fields] OR "tumoural"[All Fields] OR "tumourous"[All Fields] OR "tumours"[All Fields] OR "tumors"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("cancer s"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms]

OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "malignant"[All Fields]) OR "neoplasm malignant"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms malignant"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms benign"[All Fields]) OR ("neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm benign"[All Fields])

Translations

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Neoplasia: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]
Neoplasias: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "neoplasia"[All Fields] OR "neoplasias"[All Fields]
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Cancers: "cancer's"[All Fields] OR "cancerated"[All Fields] OR "canceration"[All Fields] OR "cancerization"[All Fields] OR "cancerized"[All Fields] OR "cancerous"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "cancer"[All Fields] OR "cancers"[All Fields]

Malignant Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasm"[All Fields]) OR "malignant neoplasm"[All Fields]

Malignancy: "malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]

Malignancies: "malign"[All Fields] OR "malignance"[All Fields] OR "malignances"[All Fields] OR "malignant"[All Fields] OR "malignants"[All Fields] OR "malignities"[All Fields] OR "malignity"[All Fields] OR "malignization"[All Fields] OR "malignized"[All Fields] OR "maligns"[All Fields] OR "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR "malignancies"[All Fields] OR "malignancy"[All Fields]

Malignant Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("malignant"[All Fields] AND "neoplasms"[All Fields]) OR "malignant neoplasms"[All Fields]

Neoplasm, Malignant: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND

"malignant"[All Fields] OR "neoplasm malignant"[All Fields]
Neoplasms, Malignant: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "malignant"[All Fields]) OR "neoplasms, malignant"[All Fields]
Benign Neoplasms: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasms"[All Fields]) OR "benign neoplasms"[All Fields]
Benign Neoplasm: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("benign"[All Fields] AND "neoplasm"[All Fields]) OR "benign neoplasm"[All Fields]
Neoplasms, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasms"[All Fields] AND "benign"[All Fields]) OR "neoplasms, benign"[All Fields]
Neoplasm, Benign: "neoplasms"[MeSH Terms] OR "neoplasms"[All Fields] OR ("neoplasm"[All Fields] AND "benign"[All Fields]) OR "neoplasm, benign"[All Fields]

Search by Authors

#4

Search: "Neoplasms"[Mesh] Sort by: Most Recent
3,879,849 results 10:15:08

Research Strategy

"Neoplasms"[MeSH Terms]

Search by Authors

#3

Search: ("MIRN525 microRNA, human" [Supplementary Concept]) OR (((hsa-mir-525) OR (miR-525, human)) OR (microRNA-525, human))
32 results 10:13:23

Research Strategy

"mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields] OR "hsa mir 525"[All Fields] OR "mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields] OR "mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields]

Translations

hsa-mir-525: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "hsa mir 525"[All Fields]
miR-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "mir 525, human"[All Fields]
microRNA-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "microrna 525, human"[All Fields]

Search by Authors

#2

Search: ((hsa-mir-525) OR (miR-525, human)) OR (microRNA-525, human)
32 results 10:10:30

Research Strategy

"mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields] OR "hsa mir 525"[All Fields] OR "mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields] OR "mirn525 microrna human"[Supplementary Concept] OR "mirn525 microrna human"[All Fields]

Translations

hsa-mir-525: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "hsa mir 525"[All Fields]

miR-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "mir 525, human"[All Fields]

microRNA-525, human: "MIRN525 microRNA, human"[Supplementary Concept] OR "MIRN525 microRNA, human"[All Fields] OR "microRNA 525, human"[All Fields]

Search by Authors

#1

Search: "MIRN525 microRNA, human" [Supplementary Concept] Sort by: Most Recent

31 results 10:09:03

Research Strategy

"mirn525 microRNA human"[Supplementary Concept]

EMBASE

#5

'neoplasms' OR 'tumor' OR 'neoplasm' OR 'tumors' OR 'neoplasia' OR 'neoplasias' OR 'cancer' OR 'cancers' OR 'malignant neoplasm' OR 'malignancy' OR 'malignancies' OR 'malignant neoplasms' OR 'neoplasm, malignant' OR 'neoplasms, malignant' OR 'benign neoplasms' OR 'benign neoplasm' OR 'neoplasms, benign' OR 'neoplasm, benign'

7,120,815 results

#4

'mirn525 microRNA, human' OR 'mir-525, human' OR 'microRNA-525, human' OR 'hsa-mir-525'

6 results

#3

'mir-525' OR 'mirn525 microRNA, human' OR 'mir-525, human' OR 'microRNA-525, human' OR 'hsa-mir-525'

82 results

#2

'hsa-mir-525' AND ('tumor'/exp OR 'tumor')

0 results

#1

'mir-525'

82 results

Web of Science

Research Strategy

((((TS=(hsa-mir-525)) OR TS=(microRNA-525, human)) OR TS=(mir-525, human)) OR TS=(mirn525 microRNA, human)) OR TS=(mir-525)

94 results

((((TS=(hsa-mir-525)) OR TS=(microRNA-525, human)) OR TS=(mir-525, human)) OR TS=(mirn525 microRNA, human))

78 results

((((((((((((((((TS=(neoplasms)) OR TS=(tumor)) OR TS=(neoplasm)) OR TS=(tumors)) OR TS=(neoplasia)) OR TS=(neoplasias)) OR TS=(cancer)) OR TS=(cancers)) OR TS=(malignant neoplasm)) OR TS=(malignancy)) OR TS=(malignancies)) OR TS=(malignant neoplasms)) OR TS=(neoplasm, malignant)) OR TS=(neoplasms, malignant)) OR TS=(benign neoplasms)) OR TS=(benign neoplasm)) OR TS=(neoplasms, benign)) OR TS=(neoplasm, benign)
8,018,966 results

78 results and 8018966 results

#3 AND #4

Research Strategy #3

((TS=(hsa-mir-525)) OR TS=(microRNA-525, human)) OR TS=(mir-525, human)) OR TS=(mirn525 microRNA, human) and Preprint Citation Index (exclude – database)

Research Strategy #4

((((((((((((((((TS=(neoplasms)) OR TS=(tumor)) OR TS=(neoplasm)) OR TS=(tumors)) OR TS=(neoplasia)) OR TS=(neoplasias)) OR TS=(cancer)) OR TS=(cancers)) OR TS=(malignant neoplasm)) OR TS=(malignancy)) OR TS=(malignancies)) OR TS=(malignant neoplasms)) OR TS=(neoplasm, malignant)) OR TS=(neoplasms, malignant)) OR TS=(benign neoplasms)) OR TS=(benign neoplasm)) OR TS=(neoplasms, benign)) OR TS=(neoplasm, benign) and Preprint Citation Index (exclude – database)

41 results

94 results and 8018966 results

#41 AND #116

Research Strategy #41

((TS=(hsa-mir-525)) OR TS=(microRNA-525, human)) OR TS=(mir-525, human)) OR TS=(mirn525 microRNA, human)) OR TS=(mir-525) and Preprint Citation Index (exclude – database)

Research Strategy #116

((((((((((((((((TS=(neoplasms)) OR TS=(tumor)) OR TS=(neoplasm)) OR TS=(tumors)) OR TS=(neoplasia)) OR TS=(neoplasias)) OR TS=(cancer)) OR TS=(cancers)) OR TS=(malignant neoplasm)) OR TS=(malignancy)) OR TS=(malignancies)) OR TS=(malignant neoplasms)) OR TS=(neoplasm, malignant)) OR TS=(neoplasms, malignant)) OR TS=(benign neoplasms)) OR TS=(benign neoplasm)) OR TS=(neoplasms, benign)) OR TS=(neoplasm, benign) and Preprint Citation Index (exclude – database)

50 results

CNKI, China National Knowledge Infrastructure (<https://www.cnki.net>)

Research Strategy

(主题=MIRN525 microRNA) OR (主题=hsa-mir-525) OR (主题=miR-525) OR (主题=microRNA-525) OR (主题=微小RNA-525)

19 results (Overseas users need a VPN.)

Wangfang Database (<https://med.wanfangdata.com.cn/>)

Research Strategy

((((MIRN525 microRNA)) OR hsa-mir-525) OR miR-525) OR microRNA-525) OR 微小RNA-525

196 results (Overseas users need a VPN.)

Cochrane Library

Research Strategy

MIRN525 microRNA in All Text OR hsa-mir-525 in All Text OR miR-525 in All Text OR microRNA-525 in All Text - (Word variations have been searched

1

First trimester screening of circulating C19MC microRNAs and the evaluation of their potential to predict the onset of preeclampsia and IUGR

Hromadnikova I, Kotlabova K, Ivankova K, Krofta L

PloS one, 2017, 12(2) (no pagination) | added to CENTRAL: 30 June 2017 | 2017 Issue 6

<https://doi.org/10.1371/journal.pone.0171756>

Sourced from: Embase

1 result

Scopus

1 result

ProQuest

1 result

Medline

Research Strategy #1

('mirn525 microRNA, human' or 'mir-525, human' or 'microRNA-525, human' or 'hsa-mir-525').mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]

32 results

Research Strategy #2

('neoplasms' or 'tumor' or 'neoplasm' or 'tumors' or 'neoplasia' or 'neoplasias' or 'cancer' or 'cancers' or 'malignant neoplasm' or 'malignancy' or 'malignancies' or 'malignant neoplasms' or 'neoplasm, malignant' or 'neoplasms, malignant' or 'benign neoplasms' or 'benign neoplasm' or 'neoplasms, benign' or 'neoplasm, benign').mp. [mp=title, book title, abstract, original title, name of substance word, subject heading word, floating sub-heading word, keyword heading word, organism supplementary concept word, protocol supplementary concept word, rare disease supplementary concept word, unique identifier, synonyms, population supplementary concept word, anatomy supplementary concept word]

4717319 results

Research Strategy #3

1 and 2

18 results

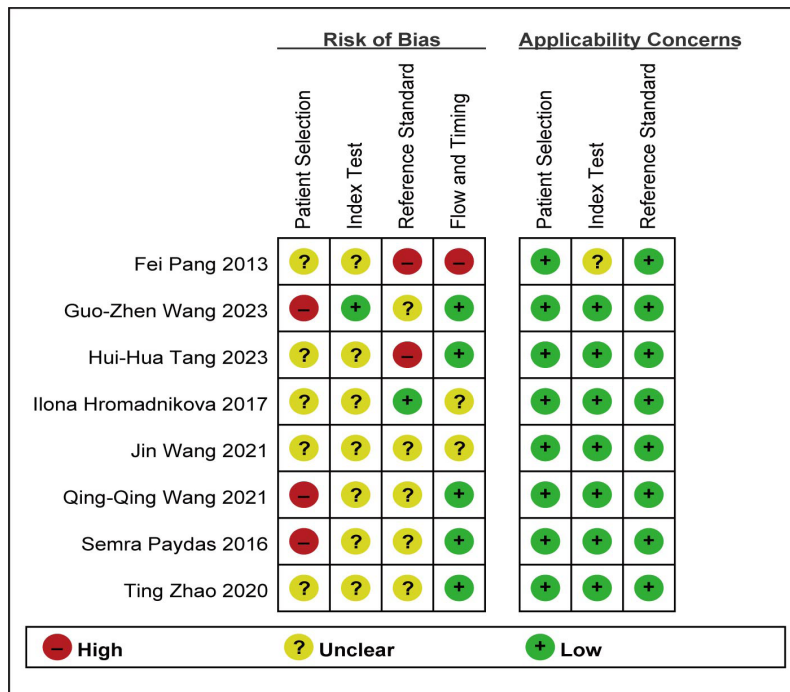


Figure S1 Methodological quality summary of included studies of the diagnostic meta-analysis by QUADAS-2. QUADAS-2, quality assessment of diagnostic accuracy studies-2.

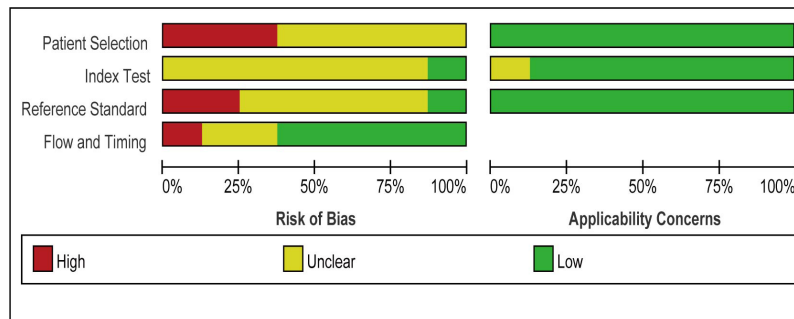


Figure S2 Methodological quality graph of included studies of the diagnostic meta-analysis by QUADAS-2. QUADAS-2, quality assessment of diagnostic accuracy studies-2.

Table S1 Newcastle-Ottawa quality assessment scale

Author	Year	Quality indicators from Newcastle-Ottawa Scale								Score
		1	2	3	4	5	6	7	8	
Jin Wang	2021	★	★	★	★	–	★	★	★	7
Hui-Hua Tang	2023	★	★	★	★	–	★★	★	★	8
Ting Zhao	2020	★	★	★	★	★	★	★	★	8

1. Representativeness of the exposed cohort; 2. Selection of the nonexposed cohort; 3. Ascertainment of exposure; 4. Demonstration that outcome of interest was not present at start of study; 5. Comparability of cohorts on the basis of the design or analysis; 6. Assessment of outcome; 7. Was follow-up long enough for outcomes to occur; 8. Adequacy of follow up of cohorts. ★ and ★★ means the studies are satisfied one or two criterions below the tables.

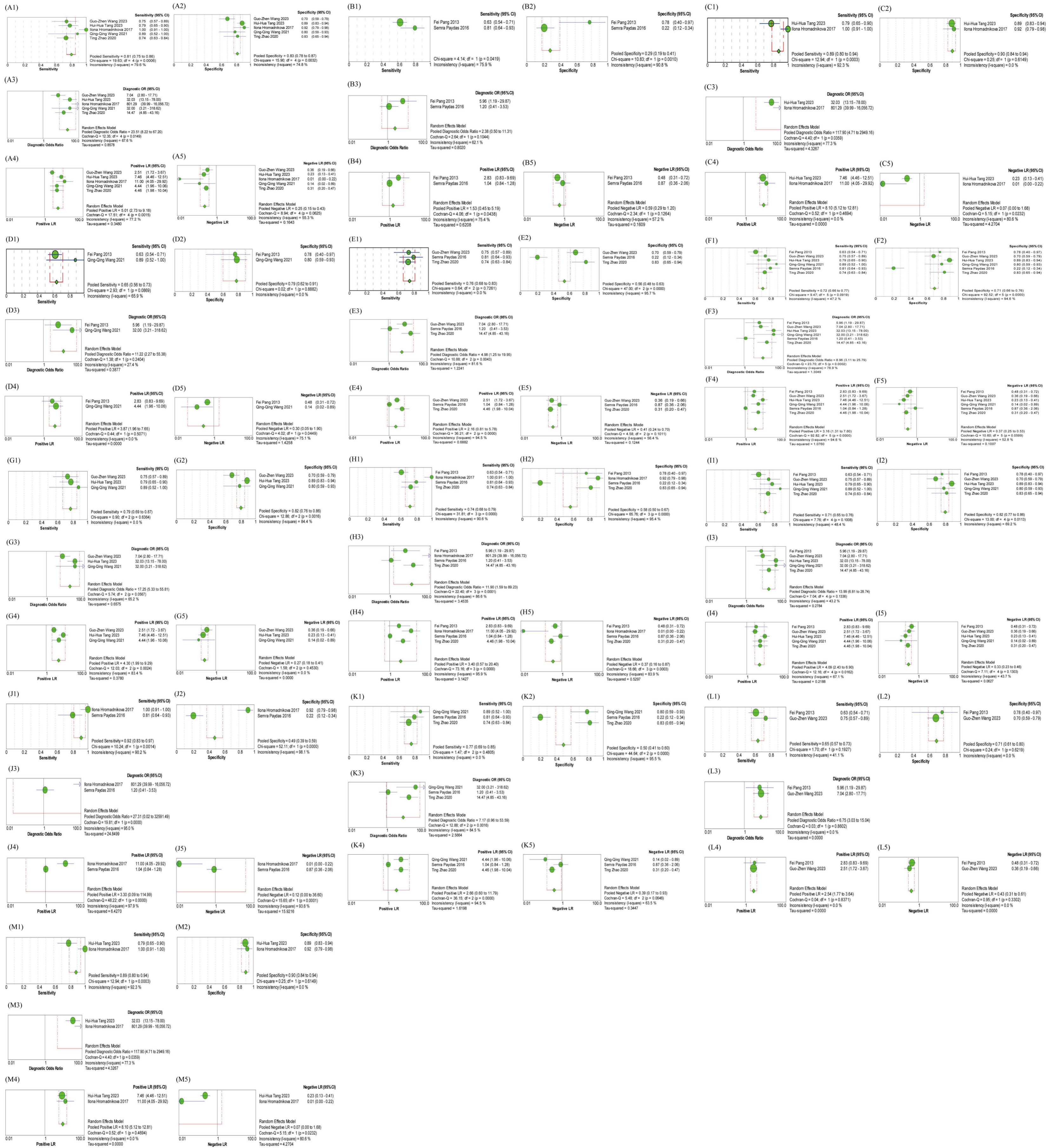


Figure S3 Subgroup analysis of diagnostic value of miR-525 in various cancers. (A) Forrest plots of diagnostic value sub-grouped by miR-525 type: (A1) SEN, (A2) SPE, (A3) DOR, (A4) PLR, (A5) NLR. (B) Forrest plots of diagnostic value sub-grouped by miR-525 type: (B1) SEN, (B2) SPE, (B3) DOR, (B4) PLR, (B5) NLR. (C) Forrest plots of diagnostic value in association with miR-525 expression, sub-grouped by TNM stage I-II: (C1) SEN, (C2) SPE, (C3) DOR, (C4) PLR, (C5) NLR. (D) Forrest plots of diagnostic value in association with miR-525 expression, sub-grouped by TNM stage III-IV: (D1) SEN, (D2) SPE, (D3) DOR, (D4) PLR, (D5) NLR. (E) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by TNM stage III-IV: (E1) SEN, (E2) SPE, (E3) DOR, (E4) PLR, (E5) NLR. (F) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by specimen types: tissue: (F1) SEN, (F2) SPE, (F3) DOR, (F4) PLR, (F5) NLR. (G) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by publication year: >2020: (G1) SEN, (G2) SPE, (G3) DOR, (G4) PLR, (G5) NLR. (H) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by publication year: ≤2020: (H1) SEN, (H2) SPE, (H3) DOR, (H4) PLR, (H5) NLR. (I) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by ethnicity: Asian: (I1) SEN, (I2) SPE, (I3) DOR, (I4) PLR, (I5) NLR. (J) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by ethnicity: Caucasian: (J1) SEN, (J2) SPE, (J3) DOR, (J4) PLR, (J5) NLR. (K) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by cancer type: lymphoma: (K1) SEN, (K2) SPE, (K3) DOR, (K4) PLR, (K5) NLR. (L) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by cancer type: digestive system cancer: (L1) SEN, (L2) SPE, (L3) DOR, (L4) PLR, (L5) NLR. (M) Forrest plots of diagnostic value in association with miR-525 expression sub-grouped by cancer type: female reproductive system tumor: (M1) SEN, (M2) SPE, (M3) DOR, (M4) PLR, (M5) NLR. CI, confidence interval; SEN, sensitivity; SPE, specificity; PLR, positive likelihood ratio; NLR, negative likelihood ratio; DOR, diagnostic odds ratio, TNM stage, tumor node metastasis stage.

Table S2 Subgroup analysis of the diagnostic value of the miR-525 in various cancers

Sub-group	Items	N of studies	SEN (95% CI)	SPE (95% CI)	PLR (95% CI)	NLR (95% CI)	DOR (95% CI)	AUC (95% CI)
Publication year	≤2020	4	0.74 (0.68–0.79)	0.58 (0.50–0.67)	3.23 (0.61–16.95)	0.38 (0.16–0.89)	10.79 (1.53–76.17)	0.85 (0.83–0.87)
	>2020	3	0.79 (0.69–0.87)	0.82 (0.76–0.86)	4.10 (1.94–8.67)	0.28 (0.19–0.42)	15.40 (5.12–46.34)	0.87 (0.84–0.90)
Ethnicity	Asian	5	0.74 (0.68–0.79)	0.58 (0.50–0.67)	3.23 (0.61–16.95)	0.38 (0.16–0.89)	10.79 (1.53–76.17)	0.84 (0.83–0.85)
	Caucasian	2	0.92 (0.83–0.97)	0.49 (0.39–0.59)	3.29 (0.10–109.42)	0.12 (0.00–39.99)	26.87 (0.02–34244.93)	/
Cancer types	Female reproductive system tumor	2	0.89 (0.80–0.94)	0.90 (0.84–0.94)	7.86 (5.00–12.36)	0.07 (0.00–1.79)	114.66 (4.26–3085.33)	/
	Lymphoma	3	0.77 (0.69–0.85)	0.50 (0.41–0.60)	2.51 (0.63–10.03)	0.41 (0.81–0.91)	6.27 (0.96–40.88)	0.84 (0.80–0.88)
	Digestive system cancer	2	0.65 (0.57–0.73)	0.71 (0.61–0.80)	2.47 (1.73–3.53)	0.45 (0.32–0.63)	6.21 (2.87–13.41)	/
TNM stage	I-II	2	0.89 (0.80–0.94)	0.90 (0.84–0.94)	7.86 (5.00–12.36)	0.07 (0.00–1.79)	114.66 (4.26–3085.33)	/
	II-III	2	0.65 (0.56–0.73)	0.79 (0.62–0.91)	3.87 (1.96–7.65)	0.30 (0.05–1.90)	11.22 (2.27–55.38)	/
	III-IV	3	0.76 (0.68–0.83)	0.56 (0.48–0.63)	2.16 (0.81–5.78)	0.41 (0.24–0.70)	4.98 (1.25–19.95)	0.81 (0.77–0.85)
Sample type	Tissue	6	0.72 (0.66–0.77)	0.71 (0.66–0.76)	3.16 (1.31–7.60)	0.37 (0.25–0.53)	8.96 (3.11–25.79)	0.83 (0.78–0.88)
	Plasma	1	/	/	/	/	/	/
miR-525 type	miR-525-5p	5	0.81 (0.75–0.86)	0.83 (0.78–0.87)	5.01 (2.73–9.18)	0.25 (0.15–0.43)	23.51 (8.22–67.20)	0.90 (0.83–0.97)
	miR-525-3p	2	0.67 (0.59–0.74)	0.29 (0.19–0.41)	1.53 (0.45–5.19)	0.59 (0.29–1.20)	2.38 (0.50–11.31)	/

SEN, sensitivity; SPE, specificity; PLR, positive likelihood ratio; NLR, negative likelihood ratio; DOR, diagnostic odds ratio; AUC, area under curve; CI, confidence interval; TNM stage, tumor node metastasis stage.

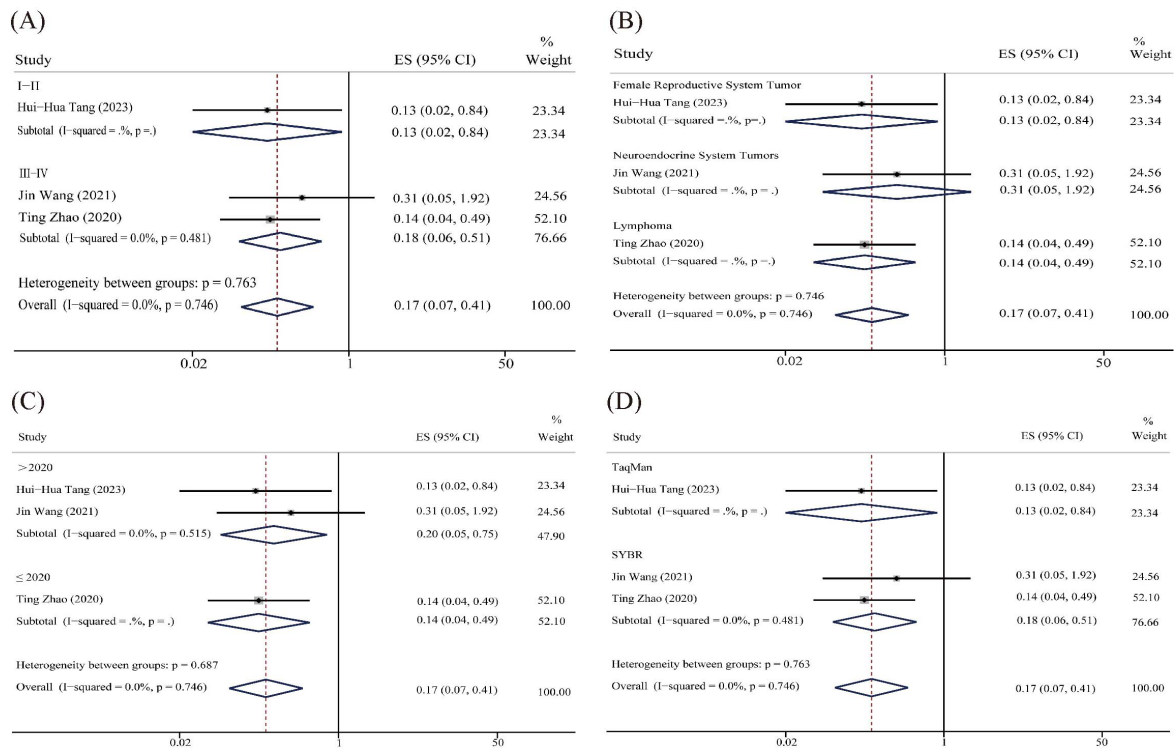


Figure S4 Subgroup analysis of prognostic value of miR-525 in various cancers. (A) Forrest plot of OS in association with low miR-525 expression: sub-grouped by TNM stage. (B) Forrest plot of OS in association with low miR-525 expression: sub-grouped by cancer type. (C) Forrest plot of OS in association with low miR-525 expression: sub-grouped by publication year. (D) Forrest plot of OS in association with low miR-525 expression: sub-grouped by detection methods. ES, estimate; CI, confidence interval; SYBR, SYBR green 1 nucleic acid gel stain; OS, overall survival; TNM stage, tumor node metastasis stage.

Table S3 Subgroup analysis of the prognosis value of the miR-525 in various cancers

Sub-group	Items	N of studies	HR (95% CI) Fixed	Heterogeneity between groups		Heterogeneity			
				P groups	I ²	I ²	P _H		
Publication year	≤2020	1	0.20 (0.05–0.75)	0.687	0	0	0		
	>2020	2	0.14 (0.04–0.49)					0	0.515
Cancer types	Lymphoma	1	0.14 (0.04–0.49)	0.746	0	0	0		
	Female reproductive system tumor	1	0.13 (0.02–0.84)					0	0
	Neuroendocrine system tumors	1	0.31 (0.05–1.92)					0	0
TNM stage	I-II	1	0.13 (0.02–0.84)	0.763	0	0	0		
	III-IV	2	0.18 (0.06–0.51)					0	0.481
Assay type	TaqMan	1	0.13 (0.02–0.84)	0.763	0	0	0		
	SYBR	2	0.18 (0.06–0.51)					0	0.481

HR, hazard ratio; SYBR, SYBR green 1 nucleic acid gel stain; CI, confidence interval; TNM stage, tumor node metastasis stage.