

## Appendix 1: Search strategies for English databases

Databases	Search strategies
PubMed	#1"Philadelphia Chromosome"[Mesh]) OR "Ph Chromosome positive" OR "Philadelphia Chromosome positive" #2"Precursor Cell Lymphoblastic Leukemia-Lymphoma"[Mesh] OR "Acute Lymphoblastic Leukemia" OR "Acute Lymphocytic Leukemia" OR "Acute Lymphoid Leukemia" OR "Acute Lymphoblastic Lymphoma" #3"Imatinib Mesylate"[mesh] OR "imatinib"[mesh] OR "Imatinib" OR "Dasatinib" OR "nilotinib" OR "ponatinib" OR " tyrosine kinase inhibitor" OR "TKI" #4 #1 AND #2 AND #3
EMBASE	#1 " Philadelphia 1 chromosome"[ thesaurus] OR " Philadelphia 1 chromosome positive" OR "Philadelphia Chromosome positive" #2 " acute lymphoblastic leukemia"[ thesaurus] OR "Acute Lymphoblastic Leukemia" OR "Acute Lymphocytic Leukemia" OR "Acute Lymphoid Leukemia" OR "Acute Lymphoblastic Lymphoma" #3 " protein tyrosine kinase inhibitor"[ thesaurus] OR "Imatinib" OR " Imatinib Mesylate"OR "Dasatinib" OR "nilotinib" OR " ponatinib" OR " tyrosine kinase inhibitor" OR "TKI" #3 #1 AND #2
Cochrane library	#1"Philadelphia Chromosome"[Mesh]) OR "Ph1 Chromosome positive" OR "Philadelphia Chromosome positive" #2"Precursor Cell Lymphoblastic Leukemia-Lymphoma"[Mesh] OR "Acute Lymphoblastic Leukemia" OR "Acute Lymphocytic Leukemia" OR "Acute Lymphoid Leukemia" OR "Acute Lymphoblastic Lymphoma" #3 "Imatinib Mesylate"[mesh] OR "imatinib"[mesh] OR "Imatinib" OR "Dasatinib" OR "nilotinib" OR " ponatinib" OR " tyrosine kinase inhibitor" OR "TKI" #4 #1 AND #2 AND #3

## Appendix 2: Search strategies for Chinese databases

Databases	Search strategies
CBM	全部字段"费城染色体"and"急性淋巴细胞白血病"
CNKI	FT="费城染色体" and FT="TKI"+"酪氨酸激酶抑制剂"+"伊马替尼"+"尼洛替尼"+"达沙替尼"+"帕纳替尼"and FT="ALL"+"急性淋巴细胞白血病"+"急淋"
VIP	U="费城染色体"and"急性淋巴细胞白血病"
WANFANG	全部字段"费城染色体"and"急性淋巴细胞白血病"