

**Supplementary file 1**

Table S1. Search Strategy

Database	Search Strategy		No. of Results
	#Search NO.	Detailed Query	
PubMed 14/04/2025	#1	(((Graft) OR (Transplant)) OR (Allograft)) OR (Allotransplant)) OR (Homograft)	1,317,061
	#2	((((((((((((("Sodium-Glucose Transporter 2 Inhibitor") OR (Empagliflozin)) OR (Canagliflozin)) OR (Dapagliflozin)) OR (Ertugliflozin)) OR (Ipragliflozin)) OR (Licogliflozin)) OR (Remogliflozin)) OR (Sergliflozin)) OR (Bexagliflozin)) OR (Sotagliflozin)) OR (Luseogliflozin)) OR (Tofogliflozin)) OR (Henagliflozin)) OR (Velagliflozin)) OR (Janagliflozin)) OR (Mizagliflozin)) OR (Enavogliflozin)) OR (Rongliflozin)) OR (Tianagliflozin)	8,761
	#3	#1 AND #2	268
Scopus 14/04/2025	#1	( TITLE-ABS-KEY ( graft ) OR TITLE-ABS-KEY ( transplant ) OR TITLE-ABS-KEY ( allograft ) OR TITLE-ABS-KEY ( allotransplant ) OR TITLE-ABS-KEY ( homograft ) )	1,491,420
	#2	( TITLE-ABS-KEY ( "Sodium-Glucose Transporter 2 Inhibitor" ) OR TITLE-ABS-KEY ( empagliflozin ) OR TITLE-ABS-KEY ( canagliflozin ) OR TITLE-ABS-KEY ( dapagliflozin ) OR TITLE-ABS-KEY ( ertugliflozin ) OR TITLE-ABS-KEY ( ipragliflozin ) OR TITLE-ABS-KEY ( licogliflozin ) OR TITLE-ABS-KEY ( remogliflozin ) OR TITLE-ABS-KEY ( sergliflozin ) OR TITLE-ABS-KEY ( bexagliflozin ) OR TITLE-ABS-KEY ( sotagliflozin ) OR TITLE-ABS-KEY ( luseogliflozin ) OR TITLE-ABS-KEY ( tofogliflozin ) OR TITLE-ABS-KEY ( henagliflozin ) OR TITLE-ABS-KEY ( velagliflozin ) OR TITLE-ABS-KEY ( janagliflozin ) OR TITLE-ABS-KEY ( mizagliflozin ) OR TITLE-ABS-KEY ( enavogliflozin ) OR TITLE-ABS-KEY ( rongliflozin ) OR TITLE-ABS-KEY ( tianagliflozin ) )	19,174
	#3	#1 AND #2	837
Web of Science 14/04/2025	#1	(((ALL=(Graft)) OR ALL=(Transplant)) OR ALL=(Allograft)) OR ALL=(Allotransplant)) OR ALL=(Homograft)	1,515,602
	#2	((((((((((((((((ALL=("Sodium-Glucose Transporter 2 Inhibitor")) OR ALL=(Empagliflozin)) OR ALL=(Canagliflozin)) OR ALL=(Dapagliflozin)) OR ALL=(Ertugliflozin)) OR ALL=(Ipragliflozin)) OR ALL=(Licogliflozin)) OR ALL=(Remogliflozin)) OR ALL=(Sergliflozin)) OR ALL=(Bexagliflozin)) OR ALL=(Sotagliflozin)) OR ALL=(Luseogliflozin)) OR ALL=(Tofogliflozin)) OR ALL=(Henagliflozin)) OR ALL=(Velagliflozin)) OR ALL=(Janagliflozin)) OR ALL=(Mizagliflozin)) OR ALL=(Enavogliflozin)) OR ALL=(Rongliflozin)) OR ALL=(Tianagliflozin)	14,127
	#3	#1 AND #2	507