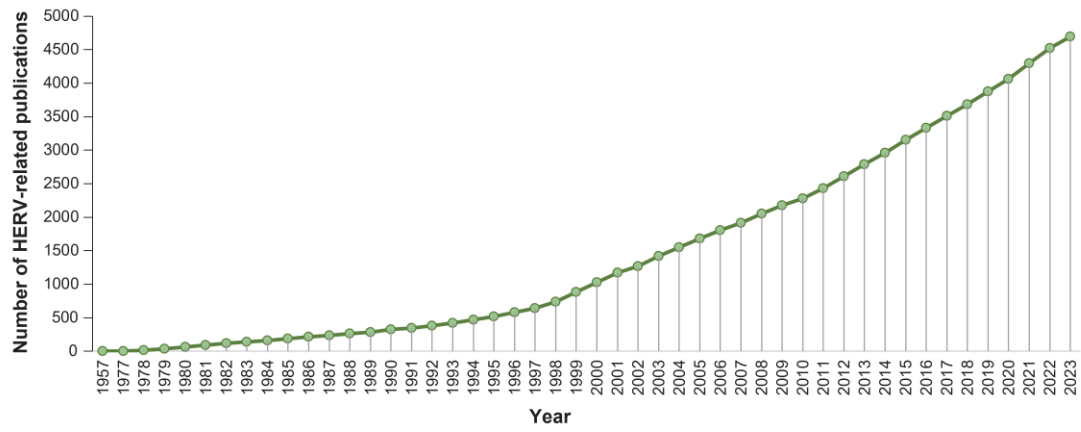


Supplementary Table 1. The number of curated factors for all HERV types collected in the HervD Atlas

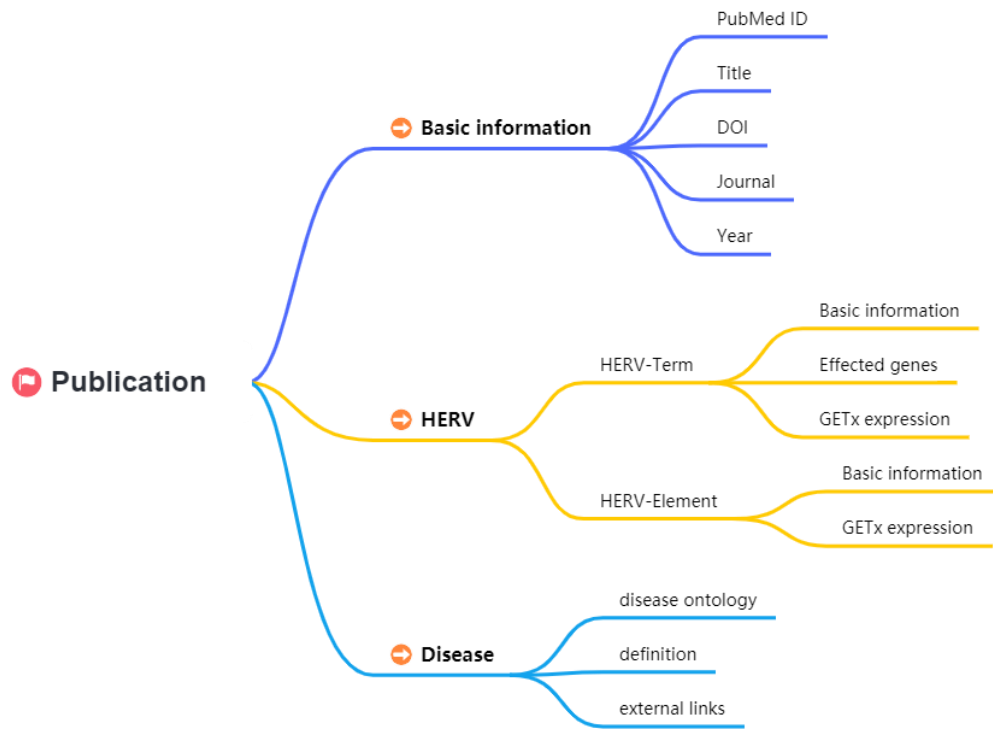
Class	HERV types	#HERVs	#Diseases	#Associations	#Genes	#Publications
HERV-Terms	ERV1	11,069	51	32,133	168	19
	ERV2	1,981	36	7,625	35	22
	ERV3	4,735	43	9,932	134	17
	ERVL-MaLR	3,170	18	7,992	192	5
	Gypsy	59	10	66	12	3
	LTR	35	3	35	6	3
HERV-Elements	ERV1	380	97	1,639	86	141
	ERV2	123	79	722	129	139
	ERV3	127	35	355	-	27
	ERVL-MaLR	83	8	166	1	8
	Gypsy	23	5	50	1	5
	LTR	5	3	11	-	3
Total	-	21,790	149	60,726	610	254

Supplementary Figure 1



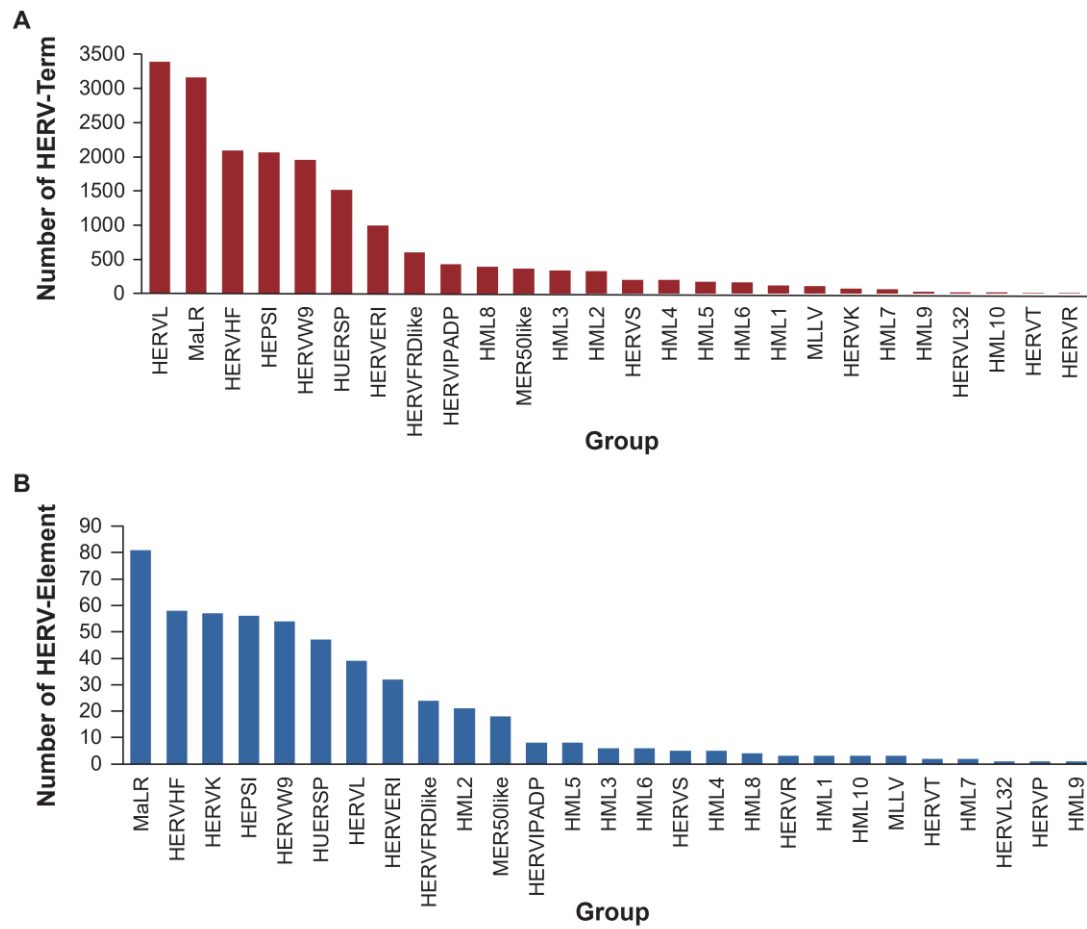
Supplementary Figure 1. The cumulative distribution of the 4,692 non-redundant publications associated with HERVs across different years.

Supplementary Figure 2



Supplementary Figure 2. An overview of the data structure of HervD Atlas.

Supplementary Figure 3



Supplementary Figure 3. The distribution of the groups in HERV-Terms (A) and HERV-Elements (B).